2018
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Téléchargez tous les documents complémentaires sur nos produits sur www.pommier.eu (notices, plans 2D/3D, certificats d'homologation, etc.)

*Download all additional documents about our products on **www.pommier.eu** (fitting instructions, 2D/3D drawings, approval communication, etc.)*

1. ACCEPTATION DE L'ACHETEUR
Toute commande de marchandises et/ou de matériels (ci-après : les « produits ») comporte, de plein droit, l'acceptation sans réserve par l'acheteur (français ou étranger) de toutes les conditions figurant au présent document et sa renonciation à toute stipulation de ses propres conditions générales, le tout sauf conventions spéciales et écrites formellement acceptées par notre société.

2. PROJETS, ÉTUDES ET DOCUMENTS
Les projets, études et documents de toute nature remis ou envoyés par notre société restent toujours notre entière propriété. Ils doivent nous être rendus sur demande. Une participation aux frais d'études et déplacements pourra être facturée. Nous conservons intégralement la propriété intellectuelle attachée à nos projets, études et documents. La communication de ces projets, études et documents n'entraîne donc aucun transfert sous quelque forme que ce soit des droits de propriété intellectuelle y attachés. Ces projets, études et documents ne peuvent être communiqués à quiconque ni être utilisés sous quelque forme que ce soit par leur destinataire.

3. ACCEPTATION DES COMMANDES
Les commandes passées par l'acheteur ne deviennent définitives que lorsqu'elles ont été confirmées et acceptées par écrit par notre société.

4. MINIMUM DE COMMANDE
Toute commande émanant d'un acheteur (pour lequel un compte a d'ores et déjà été ouvert par notre société) ne pourra être acceptée que si son montant est au moins égal à 100 euros hors taxes et que le prix de tout ou partie des Produits à livrer est au moins égal à 100 euros par livraison.

Par dérogation à ce qui précède, le ou les Produits faisant partie d'une commande, d'un montant minimum de 100 euros hors taxes, pourra(ont) faire l'objet de plusieurs livraisons pour des Produits dont le montant serait inférieur à 100 euros hors taxes en cas d'indisponibilité d'un des produits.

Par dérogation à ce qui précède, le prix de tout ou partie des Produits à livrer pourra être inférieur à la somme de 100 euros hors taxes en cas d'indisponibilité d'une partie des Produits à livrer au titre d'une commande.

5. COMMANDE EMANANT D'UN NOUVEL ACHETEUR
Toute commande émanant d'un nouvel acheteur (requérant en tant que telle une ouverture de compte par notre société en faveur de ce dernier) ne pourra être acceptée que si (i) elle est d'un montant au moins égal à 500 euros hors taxes et (ii) elle s'accompagne du versement à notre société, à titre d'avance, d'une somme égale au montant hors taxes de cette commande. En cas de refus d'acceptation de la commande par notre société, conformément à la faculté qui lui est offerte en application de l'article ci-dessus « Acceptation des commandes », l'avance ainsi versée sera immédiatement restituée par notre société.

6. PRÉSENTATION ET CONCEPTION DES PRODUITS
Sauf spécifications sollicitées par l'acheteur, nos Produits sont normalement livrés conformément aux reproductions et descriptions qui en sont faites dans notre catalogue. Cependant notre société se réserve expressément la faculté de modifier à tout moment un modèle que ce soit pour des raisons de sécurité ou de technique et fabrication ou d'amélioration. En cas de commande en cours pour un modèle donné qui se trouverait ainsi modifié, nos seules obligations sont de livrer le Produit commandé selon le nouveau modèle.
L'acheteur, en sa qualité de professionnel averti, s'assure lors de sa commande que les Produits sont adaptés à l'usage auquel il les réserve ou à faire part à notre société de toute interrogation qu'il pourrait avoir à ce sujet de façon à permettre à celle-ci de suggérer une adaptation de la commande initialement envisagée.
L'acheteur, une fois la commande de Produits devenue définitive, garantit que l'utilisation de ces Produits s'effectuera conformément aux prescriptions d'utilisation et d'entretien et aux règles de l'art.

7. DÉLAIS DE LIVRAISON
Les délais de livraison mentionnés ou prévus, notamment lors de la commande, ont toujours un caractère purement indicatif et les retards éventuels ne donnent pas le droit à l'acheteur d'annuler la vente, de refuser les Produits, d'appliquer des pénalités ou de réclamer des dommages-intérêts.

8. CAS FORTUITS ET FORCE MAJEURE
Est constitutif de la force majeure ou d'un cas fortuit au sens des présentes conditions générales de vente, tout évènement, prévisible ou non, hors du contrôle de notre société dans l'exercice d'une gestion normale et de nature à faire obstacle à l'exécution de ses obligations tel que, notamment : catastrophes naturelles, inondations, incendies, grèves totales ou partielles, lock-out, interruption ou retard dans les transports, défaillance d'un fournisseur ou d'un sous-traitant, interruption de la fourniture d'énergie, de matières premières ou de pièces détachées, bris de machine et tout accident majeur dans les installations. Dans de telles circonstances, notre société préviendra le client par écrit dans les meilleurs délais de la survenance de l'évènement. Le contrat liant notre société et l'acheteur sera alors suspendu de plein droit sans indemnité à compter de la survenance de l'évènement. Si l'évènement venait à durer plus de 30 jours à compter de sa date de survenance, la commande pourra être résiliée par la partie la plus diligente sans qu'aucune des parties prétende à l'octroi de dommages et intérêts. Cette résiliation prendra effet à la date de première présentation de la lettre recommandée avec AR dénonçant ladite commande. Néanmoins les quantités prêtes à livrer eu moment de l'événement devront être acceptées par l'acheteur.

9. LIVRAISON - TRANSPORT
La livraison s'effectue en nos magasins, soit par la remise directe des Produits à l'acheteur soit par sa délivrance à un expéditeur ou à un transporteur.

Nonobstant la clause de réserve de propriété stipulée ci-après à l'article « Réserve de propriété » des présentes conditions générales de vente, le transfert des risques et le transfert de la garde juridique des Produits s'opère à leur livraison. Il en résulte notamment que les Produits voyagent aux risques et périls de l'acheteur, quel que soit le mode de transport ou les modalités du règlement du prix du transport. En cas d'avarie, de pertes ou de manquants, il lui incombe d'exercer tous recours et d'effectuer toutes réserves contre le transporteur dans les délais et selon les modalités prévus à l'article L 133-3 du Code de commerce.

10. PRIX DE VENTE - FACTURES
Les Produits sont fournis au prix en vigueur au jour où la commande est devenue définitive, en tenant compte de la TVA applicable à cette date. Tout changement de taux pourra être répercuté sur le prix des Produits. Nos prix sont établis en fonction des conditions économiques (tel que notamment le coût des matières premières) existant le jour où la commande est définitive et sont donc susceptibles de révision compte-tenu de la variation de ces conditions en cours d'exécution de la commande. Il en est de même pour les marchandises et matériels d'importation en cas de modification de la parité des cours des monnaies étrangères, du taux des droits de douane et taxes diverses. Nous nous réservons donc la faculté de modifier nos tarifs en fonction de ce qui précède. Toute réclamation concernant nos factures ne pourra être admise que si elle nous est adressée dans un délai de huit jours après réception. Nos prix s'entendent "Produits à disposition de l'acheteur en nos magasins". Les frais d'emballage, de transport et d'assurance sont décomptés en sus.

11. MODALITÉS DE PAIEMENT ET DÉCHÉANCE DU TERME
1. Sauf stipulation contraire, nos factures sont payables à notre siège social de Saint-Ouen l'Aumône, nettes et sans escompte, à trente jours fin de mois à compter de la date d'émission de la facture.
De convention expresse, et sans préjudice de tous nos autres droits et actions et notamment ceux définis aux articles «Résolution» et «Réserve de propriété» ci-après, toute somme non réglée à l'échéance fixée fera l'objet de pénalités de retard calculées au taux de trois fois le taux de l'intérêt légal auxquelles s'ajoute une indemnité forfaitaire pour frais de recouvrement d'un montant de 40 €. Ces pénalités et indemnité sont exigibles de plein droit et seront portées d'office au débit du compte de l'acheteur. Lorsque les frais de recouvrement exposés sont supérieurs au montant de cette indemnité forfaitaire, il peut être demandé une indemnisation complémentaire, sur justification. En outre les commandes en-cours seront de plein droit suspendues ou annulées si bon semble à notre société, sans préjudice de tous autres recours.
2. En cas de règlement par traites échelonnées, le non paiement d'une seule échéance rendra, de plein droit, le solde exigible.
3. Tous les frais relatifs aux virements bancaires internationaux sont à la charge de l'acheteur.

12. RÉSOLUTION
La vente sera résolue de plein droit, si bon semble à notre société, sans mise en demeure ni sommation et sans préjudice de nos droits à tous dommages-intérêts :
- si l'acheteur renonce à sa commande avant la sortie de nos magasins ou ;
- s'il n'en prend pas livraison dans le délai prévu ou ;
- en cas de non-paiement de toute somme à son échéance.

Dans ces hypothèses, l'acompte versé nous restera acquis à titre d'indemnité.

13. RÉSERVE DE PROPRIÉTÉ

De convention expresse les produits fournis resteront notre propriété jusqu'au dernier jour de leur parfait paiement, ceci conformément aux termes de l'article l 624-16 alinea 2 du code de commerce. A cet égard, ne constitue pas des paiements au sens de la présente disposition la remise de traites ou de tout titre créant une obligation de payer.

Toutefois, l'acheteur pourra revendre et transformer les produits mais seulement aux conditions suivantes :

- l'acheteur est autorisé dans le cadre de l'exploitation normale de son établissement à revendre les produits livres, mais il ne peut ni les donner en gage ni en transférer la propriété à titre de garantie. Ils sont en outre insaisissables. En cas de revente, l'acheteur s'engage soit à nous régler immédiatement la partie du prix restant due, soit à nous avertir immédiatement pour nous permettre d'exercer éventuellement notre droit de revendication sur le prix à l'égard du tiers acquéreur.
- l'acheteur est également autorisé dans le cadre de l'exploitation normale de son établissement à transformer les produits livrés, notamment par voie d'incorporation ou d'adjonction à d'autres matériels. Dans ce cas, il s'engage soit à régler immédiatement la partie du prix restant due, soit à nous céder d'ores et déjà la propriété de l'objet résultant de la transformation afin de garantir nos droits de vendeur.

Ci-dessus prévus, en cas de saisie ou de toute autre intervention d'un tiers l'acheteur est tenu de nous en aviser immédiatement.

- l'autorisation de revente et de transformation est retirée automatiquement et immédiatement en cas d'état de cessation de paiement de l'acheteur ou de retard de réglement de celui-ci.
- malgré l'application de la présente clause de réserve de propriété, l'acheteur supportera la charge des risques dès la livraison, notamment en cas de perte, de vol ou de destruction. En conséquence, il souscrira une assurance garantissant les risques nés à compter de la livraison des produits.

14. GARANTIE

Nos Produits sont garantis pour une année à compter de leur livraison contre tout vice de matière ou défaut de fabrication ou conception. Cette garantie tombe automatiquement dans tous les cas où nos Produits n'auraient pas été montés et utilisés selon les « règles de l'art » ou conformément aux caractéristiques pour lesquelles ils ont été conçus ou fabriqués, ces caractéristiques étant, s'agissant des Produits sur catalogue, indiquées dans notre catalogue. Pour les Produits spécifiques, ces caractéristiques sont celles résultant des spécifications formulées par l'acheteur.

Notre obligation au titre de la garantie est dans tous les cas limitée, au choix de notre société, au remplacement pur et simple des Produits reconnus défectueux par notre société, à leur remise en état ou à leur remboursement et notre société ne sera tenue en aucune façon de réparer le dommage procuré par cette défectuosité, dont notamment celui résultant de l'immobilisation du Produit livré ou de l'ensemble dans lequel il aurait été incorporé.

La garantie est exclue si (i) le vice de fabrication ou de conception provient d'une mauvaise réalisation ou conception imposée par l'acheteur, (ii) le vice résulte de la matière et/ou d'un produit fourni par l'acheteur ou provient de pièces ou matériels demandés par l'acheteur.

Notre société est dégagée de toute obligation après la période de garantie ou si la réclamation de l'acheteur ne lui est pas parvenue avec le matériel défectueux en « port payé » dans les 30 jours après constatation de la défectuosité. Une intervention au titre de la garantie n'a en aucun cas pour effet de prolonger celle-ci. Ce qui précède constitue l'intégralité de la garantie de notre société, et prévaut sur toute autre garantie d'une quelconque nature que ce soit.

15. NON CONFORMITE

15.1 L'acheteur doit vérifier les produits à la livraison, ce contrôle devant notamment porter sur la qualité, les quantités et les références des Produits et leur conformité à la commande. Aucune réclamation, obligatoirement signalée par écrit et précisant la nature du défaut de conformité, n'est prise en compte si elle parvient à notre société passé le délai de 3 jours ouvrés suivant le jour de la livraison (Ci-après : la « Réclamation »). Cette procédure de vérification par l'acheteur, encadrée dans le délai 3 jours ouvrés susvisé, ne saurait avoir pour effet ni d'augmenter la durée du délai de paiement ni de décaler son point de départ prévus à l'article « Modalités de paiement et déchéance du terme ». Si l'acheteur entend engager une action judiciaire, il doit impérativement s'engager dans un délai d'un an à compter de la livraison ; passé ce délai, son action sera prescrite.

15.2 Notre société disposera d'un délai de [10 jours] ouvrés à compter de la Réclamation pour vérifier, à l'occasion d'échanges avec l'acheteur, l'existence ou l'absence de défaut de conformité du Produit. Notre société matérialisera sa reconnaissance du défaut de conformité du Produit par l'émission d'un bon d'acceptation (ci-après : le « Bon d'acceptation »).

15.3 Le Produit, auquel sera joint le Bon d'acceptation, sera alors retourné dans les 10 jours ouvrés de l'émission de ce Bon d'acceptation, étant ici précisé que ce retour s'effectuera selon les modalités définies par notre société qui en supportera les coûts. Si la valeur unitaire du Produit reconnu comme non conforme est inférieure ou égale à 40 € HT, le Produit n'aura pas à être retourné, sauf décision contraire et expresse de notre société.

15.4 Les Produits pour lesquels notre société aura émis un Bon d'acceptation, font l'objet, au choix de notre société, d'un remplacement, d'une remise en état ou d'un avoir, à l'exclusion de tout dédommagement, à quelque titre que ce soit. Notre société informera l'acheteur des délais de remplacement ou de remise en état du Produit non conforme lors de l'émission du Bon d'acceptation, étant toutefois précisé que le remplacement d'un Produit nécessite, au préalable, que le Produit non-conforme ait été réceptionné par notre société, sauf si le Produit n'a pas à être retourné. L'avoir sera émis par notre société dans un délai de 3 jours ouvrés à compter la réception du Produit non-conforme ou de l'émission du Bon d'acceptation, si le Produit n'a pas à être retourné.

16. RETOUR DES PRODUITS EN CAS DE RENONCIATION A TOUT OU PARTIE D'UNE COMMANDE

L'acheteur qui souhaite renoncer à tout ou partie d'une commande doit adresser à notre société une demande de retour dans un délai maximum de 3 mois à compter de la date d'émission de la facture relative à la commande concernée afin d'obtenir l'accord de notre société pour le retour du Produit(s) concerné(s). En effet, tout retour de Produit à l'initiative de l'acheteur doit impérativement faire l'objet d'un accord formel et préalable de notre société.

Il est ici d'ores et déjà précisé que cette procédure de « retour » ne peut être mise en œuvre pour les Produits suivants :

- Produit dont la valeur unitaire est inférieure ou égale à 100 € HT,
- Produit spécifique (c'est-à-dire non proposé dans le catalogue),
- Produit comportant une date de péremption.

Par dérogation au principe selon lequel un Produit d'un prix unitaire inférieur ou égal à 100 € HT ne peut faire l'objet d'un retour, notre société pourra accepter, si bon lui semble, le retour de plusieurs Produits dont le prix unitaire est inférieur ou égal à 100 € HT sous réserve que :

- le prix global cumulé des Produits retournés soit supérieur à 100 € HT, et
- que le retour des Produits s'effectue dans le cadre d'un seul et unique envoi, et
- que les autres conditions applicables à la procédure de retour (en particulier, respect du délai de 3 mois et accord de notre société) soient scrupuleusement respectées.

En cas d'accord de notre société pour le retour d'un ou plusieurs Produit(s), les frais d'emballage et de transport facturés par notre société à l'acheteur lors la livraison de la commande restent à la charge de l'acheteur. Les frais et risques relatifs au retour du Produit sont à la charge de l'acheteur. Enfin, des frais de gestion d'un montant de 50 € par retour seront facturés à l'acheteur.

Sous réserve du respect des conditions visées ci-dessus notre société matérialisera son accord pour le retour du Produit par l'émission d'un ordre de retour. L'acheteur devra, alors, retourner le Produit accompagné de l'ordre de retour dans un délai maximum de 15 jours ouvrés à compter de la date d'émission de l'ordre de retour. Notre société procédera à l'inspection du Produit retourné dans un délai maximum de 10 jours à compter de sa réception. L'objet de cette inspection est de vérifier que le Produit est bien celui ayant fait l'objet d'un ordre de retour et qu'il se trouve dans l'état dans lequel notre société l'a livré à l'acheteur.

Après inspection du Produit retourné et acceptation de la reprise du Produit par notre société, un avoir correspondant au Produit retourné sera établi dans un délai de 10 jours à compter de sa réception, après déduction des frais de de gestion susvisés.

Notre société n'accepte aucun retour de Produit effectué en dehors de la procédure visée au présent article 16 ou à celle prévue à l'article 15.

17. ATTRIBUTION DE JURIDICTION - DROIT APPLICABLE

De convention expresse, toutes contestations, de quelque nature et pour quelque cause que ce soit, même en cas d'appel en garantie ou de pluralite de défendeurs, seront de la seule compétence du tribunal de commerce de Pontoise auquel il est fait attribution exclusive de juridiction, nonobstant toute clause contraire invoquée par l'acheteur.

Nos traites ou acceptations de règlement, nonobstant toutes stipulations du lieu effectif de paiement, de même que les expéditions sous quelque régime que ce soit ne constituent ni novation ni dérogation à cette clause attributive de juridiction.

Toute question relative aux présentes conditions générales de vente ainsi qu'aux ventes qu'elles régissent sera régie par la loi française.

En cas de traduction dans une langue étrangère des présentes conditions générales de vente, seule la version francaise fera foi.

1. PURCHASER'S ACCEPTANCE

Any order for goods and/or equipment (hereafter: the «products») automatically includes the unreserved acceptance by the purchaser (french or overseas) of all terms set forth in this document, and the waiver of all stipulations in its own terms and conditions, except for special written agreements formally accepted by our company.

2. PLANS, DESIGNS AND DOCUMENTS

We shall retain exclusive ownership of all plans, designs and documents of all kinds provided or sent by our company. They must be returned to us upon request. Financial contributions for design and travel costs may be invoiced. We retain all intellectual property rights attached to our plans, designs and documents. Communication of these plans, designs and documents shall not result in the transfer in any form of the attached intellectual property rights. These plans, designs and documents cannot be disclosed to anyone or used in any way by their recipient.

3. ACCEPTANCE OF ORDERS

Orders placed by the purchaser are only final when confirmed and accepted by our company in writing.

4. MINIMUM ORDER

Any order from a purchaser (for which an account has already been opened by our company) can only be accepted if the amount of the order is at least equal to 100 euro excluding taxes.

5. ORDER FROM A NEW PURCHASER

Any order from a new purchaser (requiring as such that an account has been opened by our company in its favour) can only be accepted if (i) the amount of the order is at least 500 euro excluding taxes and (ii) if it is accompanied by an advance payment to our company of an amount equal to the amount of this order excluding taxes. Should our company refuse to accept the order, in accordance with the faculty it is granted in application of the article above "Acceptance of Orders", the advance thus paid will be immediately returned by our company.

6. PRODUCT PRESENTATION AND DESIGN

Except for specifications requested by the purchaser, our Products are generally delivered in accordance with the reproductions and descriptions which appear in our catalogue. However, our company expressly reserves the right to change a model at any time, whether for reasons of safety, technical support and manufacturing or improvements. In the case of a purchase order in progress for a model which has been changed, our sole obligation is to deliver the ordered Product in accordance with the new model.

In its capacity as an experienced professional, at the time of its order the purchaser will ensure that the Products are suitable for their intended use or will ask our company any questions it may have on this issue, to enable us to suggest an adjustment to the initially planned order. Once the Product order is final, the purchaser guarantees that the Products will be used in accordance with the instructions for maintenance and use and with best practices.

7. DELIVERY DEADLINES

Stated or planned delivery deadlines, specifically at the time of the order, are always provided for information only. Any delays do not give the purchaser the right to cancel the sale, reject the Products, apply penalties or claim damages.

8. ACTS OF GOD AND FORCE MAJEURE

Any event, whether or not foreseeable, which is outside of our company's control during normal operations, which interfere in the performance of its obligations, including but not limited to natural disasters, fire, floods, total or partial strikes, lockouts, transport interruptions or delays, failure of a supplier or a subcontractor, interruption in the supply of energy, raw materials or spare parts, machinery breakdown and any major accidents at the facilities constitute force majeure or an act of God within the meaning of these general terms of sale. Under such circumstances, our company will inform the customer of the event in writing as soon as possible. The agreement binding our company and the purchaser shall be automatically suspended without compensation starting from the occurrence of the event. If the event lasts longer than 30 (thirty) days from the date it began, the order may be terminated by the first party to act, and neither party may claim damages. This termination will take effect on the date of the initial delivery of the registered letter with return receipt terminating such order. Nevertheless, quantities ready for delivery at the time of the event shall be accepted by the purchaser.

9. DELIVERY - TRANSPORT

Delivery takes place in our stores, either by directly providing the Products to the purchaser or delivering them to a shipper or transporter.

Notwithstanding the retention of title provision set forth in Article 11 of these general terms of sale, the transfer of risk and lawful possession of the Products occurs upon delivery. Accordingly, the Products travel at the purchaser's own risk, regardless of the transport method or the terms of payment for transport costs. In the case of damaged, lost or missing goods, the purchaser is responsible for exercising all remedies and making all necessary reserves against the transporter within the deadlines and according to the procedures set forth in Article L 133-3 of the French Commercial Code.

10. SALE PRICE - INVOICES

The Products are provided at the price in effect on the day the order becomes final, taking into account the applicable VAT as of that date. Any change in the rate may be recovered through the Product price. Our prices are established according to economic conditions (such as the cost of raw materials) as they exist on the day the order is final, and may be revised based on changes in these conditions during execution of the order. The same applies for imported goods and equipment in the event of modifications in foreign currency exchange rates and the rates of customs duties and other taxes. We therefore reserve the right to change our rates based on the foregoing. Any claim concerning our invoices will only be allowed if submitted within eight days following receipt. Our prices include «Products available to the purchaser in our stores». Additional charges apply to costs of packaging, transport and insurance

11. TERMS OF PAYMENT AND EXPIRY OF THE TERM

1. In the absence of provision to the contrary, our invoices are payable at our registered office, net and without discount, at thirty days from the end of the month starting from the date of issuing of the invoice.

By express agreement and without prejudice to all our other rights and actions and in particular those set forth at Articles 10 and 11 hereafter, any sum not paid at the due date shall form the subject of late payment penalties calculated at the rate of three times the statutory interest rate to which a lump sum compensatory payment for an amount of 40 € will be added for recovery costs. These penalties and compensation are automatically payable and shall be applied to the debit of the purchaser's account. When the recovery costs incurred are greater than the amount of that lump sum compensatory payment, additional compensation may be requested, upon justification. Furthermore, orders in progress shall be automatically suspended or cancelled if our company sees fir, without prejudice to any other remedies.

2. In the event of payment by agreed instalments, the non-payment of a single instalment shall make the balance due automatically.

3. All costs relative to international bank transfers are the responsibility of the purchaser.

12. CANCELLATION

The sale shall be automatically cancelled, in our company's discretion, without notice or summons and without prejudice to our right to seek damages:

- *if the buyer cancels their order before it is released from our stores or;*
- *if the buyer does not take delivery of it by the deadline set or;*
- *if any sum is not paid by the due date.*

In these scenarios, the deposit paid shall be retained by us as compensation.

13. RETENTION OF TITLE

By express agreement we retain ownerhsip of the supplied products until the date of full payment, in accordance with article l 624-16 paragraph 2 of the French commercial code. In this regard, the submission of bank drafts or any other instrument that creates an obligation to pay does not constitute a payment within the meaning of this provision.

Nevertheless, the purchaser may resell or alter the products, but only under the following conditions:

- Within the scope of normal operations of its business, the purchaser is authorised to resell the delivered products, but it may not pledge them as collateral or transfer ownership as a guarantee. Furthermore, they are not subject to seizure. In the event of resale, the purchaser agrees to immediately pay us the portion of the price remaining due or inform us immediately so we can potentially exercise our claims concerning the price against the third party purchaser.

- In the scope of its normal operations, the purchaser is also authorised to alter the delivered products, specifically by incorporating them into or adding them to other equipment. In this case, it agrees to immediately pay the portion of the price remaining due, or to transfer to us ownership of the item resulting from the alteration to guarantee our seller's rights as set forth above, in the event of seizure or other action by a third party the purchaser is required to inform us immediately.

- Authorisation to resell or alter is automatically and immediately withdrawn in the event the purchaser is unable to make payments or payment is late.

- Despite the application of this retention of title provision, the purchaser shall bear all risks from the time of delivery, specifically in the case of loss, theft or destruction. Accordingly, it will take out insurance covering risks which arise as from product delivery.

14. GUARANTEE

Our Products are guaranteed from one year as from delivery against any defects in materials, or manufacturing or design defects. This guarantee automatically ends in the event our Products are not assembled and used according to «best practices» or in accordance with the characteristics for which they were designed or manufactured. With regard to the Products in the catalogue, such characteristics are set forth in such catalogue. For special Products, these characteristics result from the specifications provided by the purchaser.

In any case, our obligations under the guarantee are limited, in our company's discretion, to the simple replacement of Products acknowledged as defective by our company, their repair or their reimbursement. Our company is in no way responsible for repairing damage caused by such defect, specifically damage resulting from downtime of either the delivered Product or the ensemble into which it was incorporated.

The guarantee is not applicable if (i) the manufacturing or design defect results from improper use or design imposed by the purchaser, (ii) the defect results from equipment and/or a product provided by the purchaser or arises from parts or equipment requested by the purchaser.

Our company is released from all obligations following the guarantee period, or if the purchaser's claim is not submitted to us along with the defective equipment «carriage paid» within 30 days after noting the defect. In no case shall exercise of the guarantee extend such guarantee. The foregoing constitutes the entirety of our company's guarantee and prevails over any other guarantee of any kind.

15. NON-CONFORMITIES

15.1 The buyer must check the products when they are delivered, and this should include the quality, quantities and references of the Products and their compliance with the order. No claim - which must be reported in writing and specify the nature of the non-conformity - shall be taken into account if our company receives it after a period of 3 working days following the date of delivery (hereafter the «Claim»). This inspection procedure by the buyer, which is restricted to the aforementioned deadline of 3 working days, shall neither increase the length of the payment period nor change its start point as provided for in the Article «Terms of payment and expiry date». If the buyer intends to initiate legal proceedings, this must be initiated within one year of delivery; and once this deadline has passed, no legal action may be taken.

15.2 Our company shall have a period of [10 working days] from the date of the Claim to check, when there is contact with the buyer, that there is a non-conformity issue with the Product or not. Our company shall indicate its acknowledgement of a Product non-conformity by issuing an acceptance form (hereafter the «Acceptance Form»).

15.3 The Product, which shall have the Acceptance Form attached to it, shall then be returned within [10 working days] after this Acceptance Form has been issued, it being hereby specified that this return shall be done in accordance with the procedures outlined by our company, which shall bear the costs. If the unit value of the Product acknowledged to be non-compliant is less than or equal to €40 excl. tax, the Product shall not be returned unless an express decision has been taken to the contrary by our company.

15.4 The Products for which our company has issued an Acceptance Form, are subject, at the discretion of our company, to replacement, repair or a credit note, to the exclusion of any compensation of any sort. Our company shall inform the buyer of the deadlines for replacing or repairing the non-compliant Product when the Acceptance Form is issued, it being specified however that replacing a Product requires that the non-compliant Product has been received beforehand by our company, except if the Product does not have to be returned. A credit note shall be issued by our company within 3 working days from receipt of the non-compliant Product or when the Acceptance Form was issued, if the Product does not have to be returned.

16. RETURN OF PRODUCTS IN THE EVENT THAT AN ORDER IS FULLY OR PARTIALLY CANCELLED

Any buyer who wishes to cancel all or part of an order must send a return application to our company within a maximum period of 3 months from the date that the invoice relating to the order in question was issued, in order to get the agreement of our company to return the Product(s) in question. Indeed, any return of a Product by the buyer must be subject to formal and prior agreement from our company.

It having been already specified that this «return» procedure cannot be implemented for the following Products:

- *Product whose unit value is less than or equal to €100 excl. tax,*
- *A specific Product (i.e. not offered in the catalogue),*
- *A Product with an expiry date.*

By way of derogation to the condition that a product with a unit value less or equal to €100,- excl. tax cannot be returned, our company could accept, of its own free will, the return of several products with a unit value less or equal to €100,- excl. tax subject to ;

- *The total price of the cumulation of the returned products are superior to €100,- excl. tax, and*
- *The return of the products are to be made in one consignment*
- *That the other conditions to the return procedure (in particular the 3 month maximum period) are strictly respected.*

If our company agrees to return a Product, the buyer shall remain liable for the packaging and transport costs charged to the buyer by our company when the order was delivered. The costs and risks related to the return of a Product shall be borne by the buyer. Finally, the buyer shall be invoiced €50 in administration fees per return.

Subject to compliance with the terms and conditions mentioned above, our company shall indicate that it agrees to the return of a Product by issuing a return order. The buyer shall then return the Product accompanied by the return order within a maximum period of 15 working days from the date on which the return order was issued. Our company shall inspect the returned Product within a maximum period of 10 days from the date of its receipt. The purpose of this inspection is to check that the Product is definitely the one which is the subject of a return order and that it is in the condition in which our company delivered it to the buyer.

After the returned Product has been inspected and our company has accepted that it shall take back the Product, a credit note corresponding to the returned Product shall be produced within a period of 10 days from its reception, after the administration fees referred to above have been deducted.

Our company does not accept any returns of Products which do not comply with the procedure referred to in this Article 16 or with that provided for in Article 15.

17. JURISDICTION – APPLICABLE LAW

The parties expressly agree that any disputes of any kind or for any reason, even concerning exercise of the guarantee or multiple defendants, falls under the exclusive jurisdiction of the commercial court which has the responsibility of our registered office, notwithstanding any contrary provision invoked by the purchaser.

Notwithstanding any stipulations to the actual place of payment, neither our bank drafts or acceptance of settlement nor shipments under any system whatsoever shall constitute a novation or waiver of this jurisdiction provision.

Any issue concerning these general terms of sale or the sales they govern shall be governed by French law.

In the case these general terms of sale are translated into a foreign language, only the French version shall prevail.

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800507270 165
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800507282 166
800508362 165
800508530 165
800510218 165
801100044 163
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801108480 163
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801110476 163
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801110883 162
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ATTELAGES
COUPLINGS

CROCHETS / *COUPLINGS*
CHAPES / *TOWING YOKES*
ATTELAGES À BROCHE / *BOLT COUPLING*
TÊTES D'ATTELAGE / *COUPLING HEADS*
BARRES DE REMORQUAGE / *TOWING BARS*
TÊTES DE FLÈCHE / *DRAWBAR HEADS*
ANNEAUX D'ATTELAGE / *DRAWBAR EYES*
TRAVERSES VUL / *TOW BAR FOR HOOK*
TRAVERSES VI / *TOW BAR*
ACCESSOIRES POUR ATTELAGES / *ACCESSORIES FOR COUPLINGS*

Recommandations pour attelages (crochets, anneaux et têtes de flèches)

Un appareil d'attelage constituant l'interface entre le véhicule tracteur et la remorque est un élément de SECURITE, aussi faut-il prendre en compte, dans l'ordre, chaque critère de sélection afin d'être sûr de choisir l'appareil qui convient le mieux.
Afin de vous aider dans votre démarche, il nous est paru nécessaire de regrouper dans le glossaire qui suit, la terminologie couramment employée pour définir le choix de votre appareil répondant à une fonction et à un cahier des charges donnés.

PTR (t) : Poids Total Remorqué en charge.
PTRA (t) : Poids Total Roulant Autorisé.
PTAC (t) : Poids Total Autorisé en Charge (masse du véhicule).
D (KN) : Effort dynamique horizontal maximal généré par un convoi à flèche articulée (figure 1).
Dc (KN) : Effort dynamique horizontal maximal généré par un convoi à essieu(x) central(aux) (figure 3).
T (t) : PTAC du véhicule tracteur.
R (t) : PTR de la remorque à flèche articulée.
C (t) : PTR de la remorque à essieu(x) central(aux).
V (KN) : Effort dynamique vertical maximal admissible généré par un convoi avec une remorque à essieu(x) central(aux).
S (Kg) : Charge statique verticale.
X (m) : Longueur du plateau d'une remorque à essieu(x) central(aux).
L (m) : Longueur de l'anneau au centre des essieux.
a : Coefficient égal à 2,4 pour un véhicule tracteur ayant une suspension mécanique.
Coefficient égal à 1,8 pour un véhicule tracteur ayant une suspension pneumatique.
U (t) : Charge verticale appliquée à la sellette.

Convoi à flèche articulée

Figure 1

Figure 2

Convoi à essieu central

Figure 3

Figure 4

EFFORTS ET CHARGES :
Les évaluations qui suivent doivent se faire en considérant les valeurs en ordre de marche, c'est à dire véhicule tracteur et remorque tous deux chargés. Le critère employé est le Poids Total Remorqué (R ou C) mais celui-ci ne suffit pas, il faut lui adjoindre en fonction de la configuration du convoi les caractéristiques suivantes :

1er cas : remorque à flèche articulée : (figure 1 et figure 2).
Evaluer l'effort dynamique D généré par le convoi

$$D = \frac{T \times R}{T + R} \times 9{,}81$$

Dans ce cas on considère qu'il n'y a pas de composante verticale d'effort, ceci correspond à une flèche horizontale, parallèle au sol. Si ce n'est pas le cas, tenter d'obtenir cette horizontalité par le réglage de l'anneau ou du crochet afin de ne pas limiter les débattements angulaires.

2ème cas : Remorque à essieu(x) central(aux) : (figure 3 et 4).
Evaluer les efforts dynamiques suivants générés par le convoi :

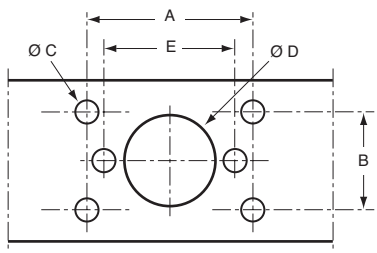
$$Dc = \frac{T \times C}{T + C} \times 9{,}81 \quad \text{et} \quad V = \frac{X \times X \times C \times a}{L \times L}$$

et rechercher la charge statique : S.

Les valeurs D, Dc, V, S données dans ce catalogue correspondent aux capacités maximales des produits présentés. Il appartient au client de choisir en fonction du convoi à équiper et dans le respect du code de la route (R54...), le ou les produits présentant une capacité supérieure aux efforts générés par le convoi.

GÉOMÉTRIE DE LA TRAVERSE :
La plupart des traverses sont percées à l'origine et conçues pour tracter une charge maximale donnée. Aussi les normes NFR 17110 (BNA 787), ISO 3853 et 3584 ainsi que DIN74051 définissent ces géométries de perçage, ainsi le tableau ci après regroupe les principaux perçages utilisés :

PERCAGE	Ø C (mm)	A (mm)	B (mm)	Ø D (mm)	E (mm)	Code Pommier	Code DIN
2 trous	17	-	-	-	90	P4	-
4 trous	17	90	40	-	-	P5	-
4 trous	17	90	50	-	-	P6	-
4 trous	10,5	83	56	55	-	P0	U ou G125
4 trous	13	85,7	44,5	-	-	PUS	-
4 trous	15	120	55	75	-	P1	U ou G135
4 trous	17	140	80	85	-	P2	U ou G145
4 trous	21	160	100	95	-	P3	U ou G150
6 trous	21	260	100	85	180	G260	-



pour toute autre dimension : nous consulter.

Recommandations pour attelages (crochets, anneaux et têtes de flèches)

COMPATIBILITÉ :

Dans certains cas Il se peut que le choix de l'anneau ou de l'attelage soit déja figé et qu'il faille déterminer l'élément complémentaire, il est alors nécessaire de prendre en compte la COMPATIBILITE des produits entre eux, le tableau suivant donne en zone ombrée la compatibilité des différents couples.

		ANNEAUX								
		18x28	20x40	30x50,6	36x56	BNA 42x68	DEFA 42x76	Tête attelage rotule 50 mm	DIN40	DIN50
ATTELAGES	Chape 90				✓	✓	✓			
	Chape 93A			✓	✓	✓	✓			
	Chape 93R			✓	✓	✓	✓	✓		
	Chape 98					✓	✓			
	Chape 98 boule					✓	✓	✓		
	Chape 99A					✓	✓			
	Crochet 25C	✓	✓		✓	✓	✓			
	Crochet 41A				✓	✓	✓			
	Crochet 57					✓	✓			
	Crochet 64					✓	✓			
	Crochet 70C					✓	✓	✓		
	Crochet 77					✓	✓			
	Crochet A500								✓	
	Crochet COMPACT 40								✓	
	Crochet EUROTRACT									✓
	Crochet INTEGRAL					✓	✓			
	Crochet KONEXO					✓	✓			
	Crochet MINITRACT								✓	
	Crochet MULTIS					✓	✓	✓		
	Rotule							✓		

Dans tous les cas de figure, compte tenu des normes NFR 411.01 et 02 (BNA 263 et 264) et la spécification technique DEFA STAC 1814 (militaire) et pour éviter tout danger :
- pour une utilisation civile, le Bureau National de l'Automobile préconise un crochet bloqué en rotation autour de son axe longitudinal accouplé à son anneau (ou tête de flèche) pouvant tourner autour de son axe longitudinal,
- en ce qui concerne l'application militaire, le crochet est tournant et l'anneau (42 x 76) fixe,
- il en est de même pour les versions civiles des attelages à accoupler avec les anneaux DIN bagués de 40 et de 50mm d'après les normes DIN 74051, 74053, 74054 et ISO s'y rapportant.

PARAMÈTRES DE MONTAGE :

Sauf spécification contraire mentionnée dans la notice de montage, tous les appareils sont prévus pour être boulonnés. Les vis de fixation doivent être au minimum de classe 8.8, les écrous indesserrables ou équipés d'une rondelle grower sont d'une classe associée à la qualité de la vis. Les couples de serrage, fonction des diamètres sont préconisés dans le tableau ci-après :
** Tolérance du couple de serrage suivant norme NFE 25-030 Classe de précision A ±10%*

Classe des vis	8,8					10,9					12,9				
Diamètre (mm)	10	12	14	16	20	10	12	14	16	20	10	12	14	16	20
Couple de serrage (m.daN)*	5	8	13	20	40	6	11	18	30	55	8	13	22	30	65

ENTRETIEN SÉCURITÉ :

Ne le négligez pas !!
Votre attelage est une pièce de sécurité. A ce titre, il doit être entretenu et surveillé régulièrement tous les 10 000 km ou tous les mois, premier échu.
Lubrifier fréquemment, par l'intermédiaire des graisseurs ou par accès direct aux pièces mobiles, au moins tous les 10 000 km ou tous les mois.
Vérifier en même temps que les usures et matages ne dépassent pas ce qui est préconisé dans la notice de montage livrée avec le produit ou à défaut de spécification 0,5 mm.

PIÈCES DE RECHANGE :

Consultez nous, nous vous conseillerons selon vos besoins.
En cas de démontage, changer les goupilles et les accessoires "consommables".

ÉTUDES CONSEIL :

Nous nous tenons à votre disposition pour répondre à tous vos besoins spécifiques et ponctuels de conseil, d'études et de fabrication.
Nous nous réservons le soin d'apporter sur toutes les pièces constituants nos appareils, toute modification pouvant contribuer à une amélioration, ainsi toutes les dimensions reprises dans ce catalogue ne sont données qu'à titre informel et peuvent donner lieu à modification sans préavis de notre part.

Exemples de calculs

Utilisation d'une tête de flèche sur remorque à flèche articulée

Recherche du **D'** (kN)

Formule : $D = \frac{T \times R}{T + R} \times 9{,}81$

Il s'agit de trouver une tête de flèche sur le catalogue général ayant une valeur D supérieure ou égale à la valeur D' du convoi.

P.T.R.A.	75
P.T.R. remorque : R	38
P.T.A.C. porteur : T	37

Exemple numérique :

$D' = \frac{37 \times 38}{37 + 38} \times 9{,}81$

D' = 183,9 kN

Nous obtenons une valeur D' = 183,9 kN pour ce convoi. A partir de cette valeur D', rechercher la valeur D supérieure figurant au catalogue.
Exemple : les têtes de flèches référencées ci-dessous peuvent répondre à ce cas d'utilisation.
Réf. **2905922** et **2905917**
NOTA : sur une remorque à flèche articulée, les valeurs V (kN) et S (kg) sont négligeables. Elles ne seront pas prises en compte pour le calcul, dans la mesure où la flèche est horizontale parallèle au sol.

Utilisation d'une tête de flèche sur remorque à essieu(x) central(aux)

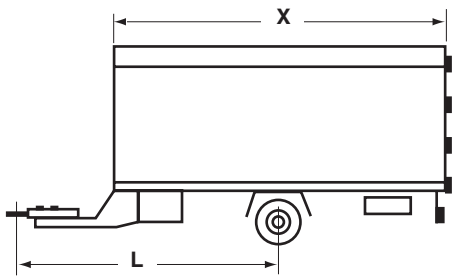
Recherche de **V'** (kN) et du **Dc** (kN)

Formule : $V = \frac{C \times X \times X \times a}{L \times L}$ $\quad Dc = \frac{T \times C}{T + C} \times 9{,}81$

Il s'agit de trouver une tête de flèche sur le catalogue général ayant à la fois une valeur de **D** et une valeur **V** supérieure ou égale à la valeur **V'** et **DC'** du convoi.

Exemple numérique : X = 6500 ; L = 5030 ; a = 1,80 (suspension pneumatique)

P.T.R.A.	44
P.T.R. remorque : C	19
P.T.A.C. porteur : T	25



$V' = \frac{19 \times 6500 \times 6500 \times 1{,}80}{5030 \times 5030}$ $\quad Dc' = \frac{25 \times 19}{25 + 19} \times 9{,}81$

V' = 57,11 kN

Pour le convoi cité ci-dessus, la valeur D'c est de 105,90 kN.

Nous obtenons une valeur V' = 57,11 kN et D'c = 105,90 kN pour ce convoi. A partir de ces deux valeurs, rechercher les valeurs V et Dc supérieures figurant au catalogue.

Exemple : les têtes de flèches référencées ci-dessous peuvent répondre à ce cas d'utilisation.
Réf. **2905922** et **2905917**

Recommandation : pour contrôler la valeur de S (kg) (charge statique maximale admissible), nous conseillons de la mesurer en bout de flèche de remorque une fois celle-ci en ordre de marche (chargement uniformément réparti à l'intérieur de la remorque).

Recommendations for couplings *(couplings, drawbar eyes and drawbars heads)*

A trailer coupling, as the interface between a tractor and trailer, is an essential SAFETY item. Each selection criterion must be reviewed in sequence to be sure of selecting the best equipment for the trailer. In order to provide guidance for selecting the right coupling, we have compiled the following glossary of the terms commonly used to determine a coupling for a given function and to meet given specifications.

TTW	***(t):***	*Total Trailer Load*
TTWA	***(t):***	*Authorised Total Trailer Load*
GVWR	***(t):***	*Gross vehicle weight rating*
D	***(kN):***	*Maximum Horizontal Dynamic Force produced by an articulated drawbar trailer (Figure 1)*
Dc	***(kN):***	*Maximum Horizontal Dynamic Force produced by a central axle(s) trailer (Figure 3)*
T	***(t):***	*TTW of the tractor*
R	***(t):***	*TTW of the articulated drawbar trailer*
C	***(t):***	*TTW of the central axle trailer*
V	***(kN):***	*Maximum Acceptable Vertical Dynamic Force produced by a central axle trailer*
S	***(kg):***	*Vertical static load*
X	***(m):***	*Length of the loading platform of a central axle trailer*
L	***(m):***	*Length of the drawbar at the centre of the axle*
a:		*Coefficient of 2.4 for a tractor with mechanical suspension* *Coefficient of 1.8 for a tractor with pneumatic suspension*
U	***(t):***	*Vertical load applied to the fifth wheel*

Articulated drawbar trailer

Figure 1

Figure 2

Central axle trailer

Figure 3

Figure 4

FORCES AND LOADS:
The following evaluations should be made assuming values encountered during services, i. e. with the tractor and trailer loaded. The criteria used is the Total Trailer Load (R or C), however, this is not sufficient. The characteristics values indicators must also be incorporated to reflect the configuration of the truck:

Case 1: trailer with articulated drawbar: *(figures 1 and 2).*
Evaluate dynamic loads generated by the truck

$$D = \frac{T \times R}{T + R} \times 9{,}81$$

In this case, it is assumed that there is no vertical load component; this corresponds to a horizontal drawbar which is parallel to the ground. If this is not the case, attempt to achieve horizontality by adjustment of the coupling or the drawbar without restricting angular displacement.

Case 2: trailer with central axle(s): *(figures 3 and 4).*
Evaluate the following dynamic loads generated by the truck:

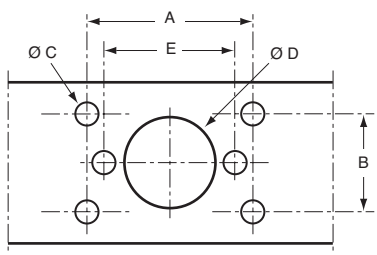
$$Dc = \frac{T \times C}{T + C} \times 9{,}81 \quad \textit{and} \quad V = \frac{X \times X \times C \times a}{L \times L}$$

Find the static load, S.

The D, Dc, V and S values given in this catalogue are the maximum capabilities of the products presented. In the respect of the highway code in force, the buyer is responsible for selecting a product (or products) with capabilities greater than the forces generated in a given truck.

UNDER BAR GEOMETRY:
Most under bar geometry are pre-drilled and designed to tract a predetermined maximum load. Standards NFR 17110 (BNA 787), ISO 3853 and DIN 74051 establish hole geometries. The table below gives the principal mounting dimensions and holes we use:

HOLE	***Ø C** (mm)*	***A** (mm)*	***B** (mm)*	***Ø D** (mm)*	***E** (mm)*	***Code Pommier***	***Code DIN***
2 holes	17	-	-	-	90	P4	-
4 holes	17	90	40	-	-	P5	-
4 holes	17	90	50	-	-	P6	-
4 holes	10,5	83	56	55	-	P0	U or G125
4 holes	13	85,7	44,5	-	-	PUS	-
4 holes	15	120	55	75	-	P1	U or G135
4 holes	17	140	80	85	-	P2	U or G145
4 holes	21	160	100	95	-	P3	U or G150
6 holes	21	260	100	85	180	G260	-



For other dimensions, consult us.

Recommendations for couplings *(couplings, drawbar eyes and drawbars heads)*

COMPATIBILITY:
In some cases, the coupling or drawbar eyes selection may already be made and additional hardware must be provided. In such cases, COMPATIBILITY of products is important. The shaded areas of the following table indicate compatible combinations.

		DRAWBAR EYES								
		18x28	20x40	30x50,6	36x56	BNA 42x68	DEFA 42x76	Coupling head towing ball 50 mm	DIN40	DIN50
COUPLINGS	Towing yoke 90				✓	✓	✓			
	Towing yoke 93A			✓	✓	✓	✓			
	Towing yoke 93R			✓	✓	✓	✓	✓		
	Towing yoke 98					✓	✓			
	Towing yoke 98 ball					✓	✓	✓		
	Towing yoke 99A					✓	✓			
	Coupling 25C	✓	✓		✓	✓	✓			
	Coupling 41A				✓	✓	✓			
	Coupling 57					✓	✓			
	Coupling 64					✓	✓			
	Coupling 70C					✓	✓	✓		
	Coupling 77					✓	✓			
	Coupling A500								✓	
	Coupling COMPACT 40								✓	
	Coupling EUROTRACT									✓
	Coupling INTEGRAL					✓	✓			
	Coupling KONEXO					✓	✓			
	Coupling MINITRACT								✓	
	Coupling MULTIS					✓	✓	✓		
	Towing ball							✓		

In all cases, given specifications NFR 411.01 and 02 (BNA 263 and 264) and the DEFA STAC (military) technical specification and to eliminate risks:
- for non-military applications, the French «National Automotive Bureau» specifies that the coupling should be fixed to prevent rotation around its longitudinal axis and coupled to a ring (or drawbar) which is free to rotate around its longitudinal axis.
- for military applications, the hook must be free to rotate and the drawbar (42 x 76) fixed.
- the same applies to civil versions or drawbar to be coupled to DIN drawbar with 40 or 50 mm supports as per DIN standards 74051, 74053, and 74054 and applicable ISO standards.

ASSEMBLY PARAMETERS:
Excepted opposite otherwise mentioned in the technical notice, all drawbar devices are designed to be bolted. The bolt fastener must be minimum at least class 8.8, the locknuts or nuts with split lock washers should be of a class commensurate with the bolt used. Tightening torques as a function of diameter are tabulated below.
** Tolerance of the following tightening torque normalizes NFE 25-030 Classe precision A ± 10%*

Screw grade	8,8					10,9					12,9				
Diameter (mm)	10	12	14	16	20	10	12	14	16	20	10	12	14	16	20
Tightening torque (m.daN)*	5	8	13	20	40	6	11	18	30	55	8	13	22	30	65

SAFETY MAINTENANCE:
Do not neglect safety maintenance.
Your drawbar is an important safety item. As such, it should be maintained and inspected regularly every 10,000 km, or every month, whichever comes first.
Lubricate drawbar frequently, either using lubricators or by directly accessing mobile components. Lubricate every 10,000 km, or every month.
When lubricating, check that wear or peening depth does not exceed 0,5 mm.

SPARE PARTS:
Consult us. We will advise you based on your needs.
If the equipment is disassembled, reassemble using new pins and consumables.

DESIGN SERVICES:
We are available to help with any of your specific requirements in the fields of consulting, design and manufacturing.
We reserve the right to modify any component of our product to help improve them. All dimensions given in this catalogue are given for information only and may be modified at any time without prior notice.

Examples of calculations

Using a drawbar on a trailer with articulate drawbar

*Find **D'** (kN)*

Formula: $D = \frac{T \times R}{T + R} \times 9{,}81$

This calculation is performed to identify a drawbar in the catalogue with a D value greater than or equal to D'.

T.T.W.A.	75
T.T.W. Trailer : R	38
T.T.W. Tractor : T	37

Illustration:

$D' = \frac{37 \times 38}{37 + 38} \times 9{,}81$

D' = 183,9 kN

This gives D' = 183.9 kN for this particular truck. Use the calculated D' value and find drawbar in our catalogue with a D value just above this value. Example: the drawbar references below are suitable for this case.
*Ref. **2905922** and **2905917***
Note: On a trailer with an articulated drawbar, the V (kN) and S (kg) values are negligible. They can be ignored in the calculation if the boom is horizontal and parallel to the ground

Using a drawbar on a trailer a central axle(s) trailer

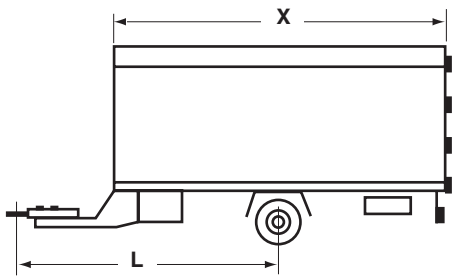
*Find **V'** (kN) and **Dc** (kN)*

Formula: $V = \frac{C \times X \times X \times a}{L \times L}$ $Dc = \frac{T \times C}{T + C} \times 9{,}81$

This calculation is performed to identify a trailer in the catalogue with a V value greater than or equal to the V' value for the truck.

Illustration: *X = 6,500; L = 5,030; a = 1.80 (with pneumatic suspension)*

T.T.W.A.	44
T.T.W. Trailer : C	19
T.T.W. Tractor : T	25



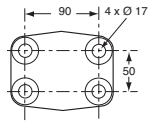
$V' = \frac{19 \times 6500 \times 6500 \times 1{,}80}{5030 \times 5030}$ $Dc' = \frac{25 \times 19}{25 + 19} \times 9{,}81$

V' = 57,11 kN

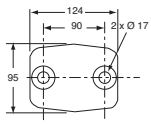
For the above truck, the value of D'c is 105.90 kN.
We obtain V' = 57.11 kN and D'c = 105.90 for this particular truck. Now find a model in the catalogue with V and Dc values greater the minimum calculated.
Example: the drawbar head references below are suitable for this case.
*Ref. **2905922** and **2905917***

***Suggestion:** to check the value of maximum admissible static loads, S (kg), we recommend you measure it at the end of the trailer drawbar once the trailer is in working condition (loads uniformly distributed on the trailer).*

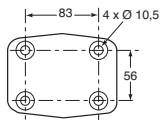
Crochets fixes / *Fixed couplings*



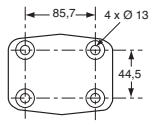
2905009



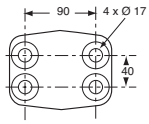
2905011



2905012



2905013

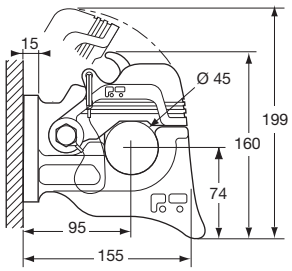


2905014

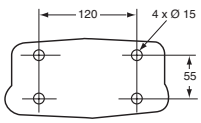
25 C

Crochet.
Coupling.

ECE R55



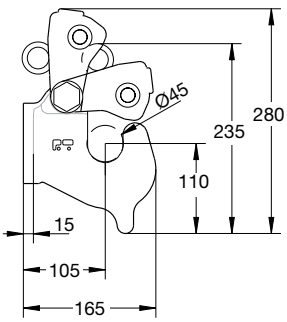
Référence *Reference*	Kg	D (kN)	Dc (kN)	S (kg)	(t) maxi	(t) maxi
2905009	3,2	20	20	120	8,5	3,5
2905011	3,2	20	20	120	8,5	3,5
2905012	3,2	20	20	120	8,5	3,5
2905013	3,2	20	20	120	8,5	3,5
2905014	3,2	20	20	120	8,5	3,5



2905021

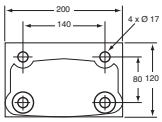
57 B

Crochet (*R55, ** pour utilisation sur parc privé).
*Coupling (*R55, ** for private park using).*

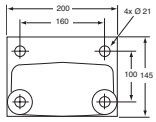


Référence *Reference*	Kg	D (kN)	(t) maxi	(t) maxi	Dc (kN)	S (kg)	V (kN)	(t) maxi	(t) maxi	Type *Type*
2905021	8,5	40	44	3,5	40	1000	-	44	3,5	*
		70	28,5	14	50	650	18	40	6,5	**

Crochets fixes / *Fixed couplings*



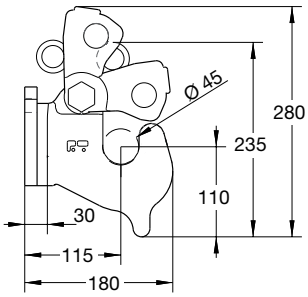
2905025



2905030

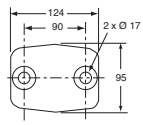
57 BC / BD

Crochet (*R55, ** pour utilisation sur parc privé).
*Coupling (*R55, ** for private park using).*

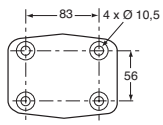


Référence *Reference*	Kg	D (kN)	(t) maxi	(t) maxi	Dc (kN)	S (kg)	V (kN)	(t) maxi	(t) maxi	Type *Type*
2905025	11,22	40	44	3,5	40	1000	-	44	3,5	*
		100	44	20	70	900	25	44	9	**
2905030	11,75	40	44	3,5	40	1000	-	44	3,5	*
		130	44	25	90	1000	35	44	13	**

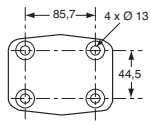
Crochets mixtes / *Mixed couplings*



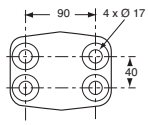
2905019



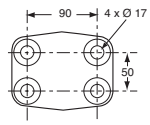
2905022



2905023



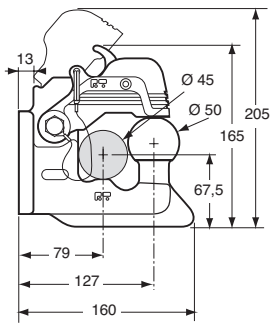
2905024



2905027

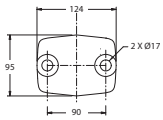
70C

Crochet à boule.
Ball coupling.

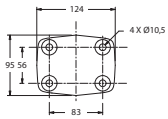


Référence *Reference*	Kg	D (kN)	S (kg)	(t) maxi	(t) maxi
2905019	4,4	31	375	35,5	3,5
2905022	4,4	31	375	35,5	3,5
2905023	4,4	31	375	35,5	3,5
2905024	4,4	31	375	35,5	3,5
2905027	4,4	31	375	35,5	3,5

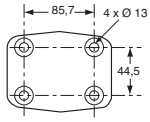
Crochets mixtes / *Mixed couplings*



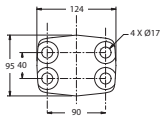
2905080



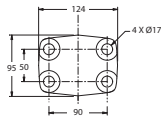
2905081



2905082



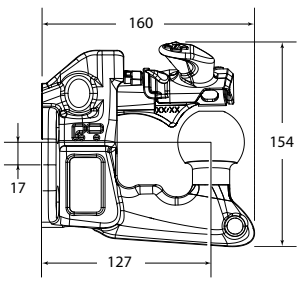
2905083



2905084

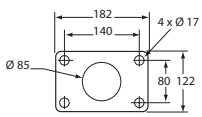
MULTIS

Crochet mixte.
Coupling.

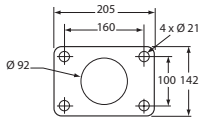


Référence *Reference*	Kg	D (kN)	S (kg)	(t) maxi	(t) maxi
2905080	4,2	31	375	35,5	3,5
2905081	4,2	31	375	35,5	3,5
2905082	4,2	31	375	35,5	3,5
2905083	4,2	31	375	35,5	3,5
2905084	4,2	31	375	35,5	3,5

Crochets fixes ou tournants / *Fixed or swivelling couplings*



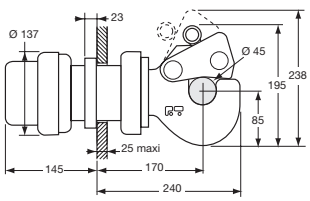
2905501



2905502

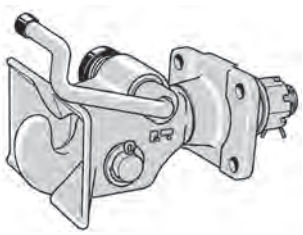
64 EP2

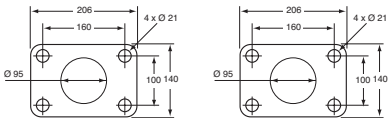
Crochet (pour utilisation sur parc privé).
Coupling (for private park using).



Référence *Reference*	Kg	D (kN)	(t) maxi	(t) maxi	Dc (kN)	S (kg)	V (kN)	(t) maxi	(t) maxi	Type *Type*
2905501	18,5	100	40	20	70	900	25	44	9	Amortis fixe *Fixed shock absorber*
2905502	18,5	120	44	30	90	1000	35	44	13	Amortis fixe *Fixed shock absorber*

Crochets fixes ou tournants / *Fixed or swivelling couplings*



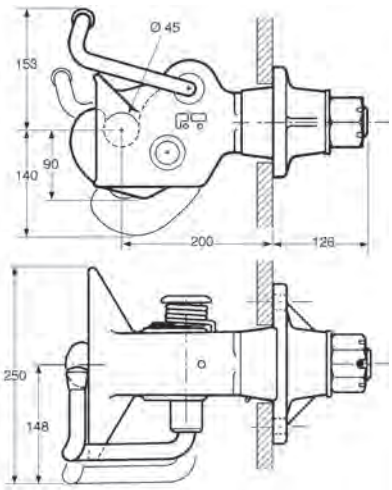


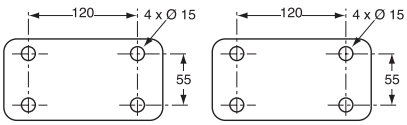
2905120 2905121

77

Crochet (*pour utilisation sur parc privé, **pour application militaire).
*Coupling (*for private park using, **for military application).*

Référence *Reference*	Kg	D (kN)	(t) maxi	(t) maxi	Dc (kN)	S (kg)	V (kN)	(t) maxi	(t) maxi	Type *Type*
2905120	25	120	44	22	85	1000	30	44	12	Fixe* *Fixed**
2905121	25	120	44	22	85	1000	30	44	12	Tournant** *Rotating***



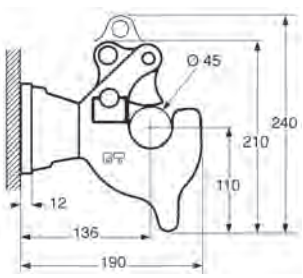


2905106 2905107

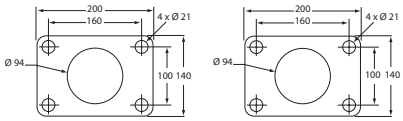
41 B

Crochet (*pour utilisation sur parc privé, **pour application militaire).
*Coupling (*for private park using, **for military application).*

Référence *Reference*	Kg	D (kN)	(t) maxi	(t) maxi	Dc (kN)	S (kg)	V (kN)	(t) maxi	(t) maxi	Type *Type*
2905106	6	50	20	8	27	650	14	11	5	Fixe* *Fixed**
2905107	6	50	20	8	27	650	14	11	5	Tournant** *Rotating***



Crochets fixes ou tournants / *Fixed or swivelling couplings*

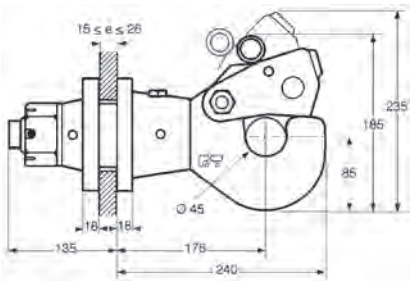


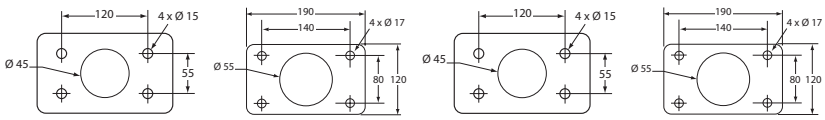
2905205 2905206

64 DP3

Crochet (*pour utilisation sur parc privé, **pour application militaire).
*Coupling (*for private park using, **for military application).*

Référence *Reference*	Kg	D (kN)	(t) maxi	(t) maxi	Dc (kN)	S (kg)	V (kN)	(t) maxi	(t) maxi	Type *Type*
2905205	19	120	50	30	100	1000	45	44	17	Fixe* *Fixed**
2905206	19	120	50	30	100	1000	45	44	17	Tournant** *Rotating***



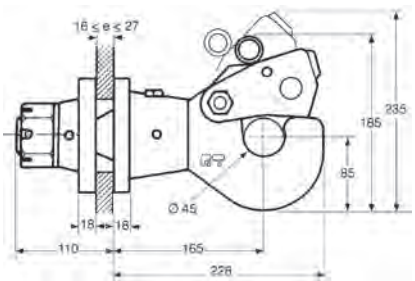


2905200 2905201 2905202 2905203

64 CP1

Crochet (*pour utilisation sur parc privé, **pour application militaire).
*Coupling (*for private park using, **for military application).*

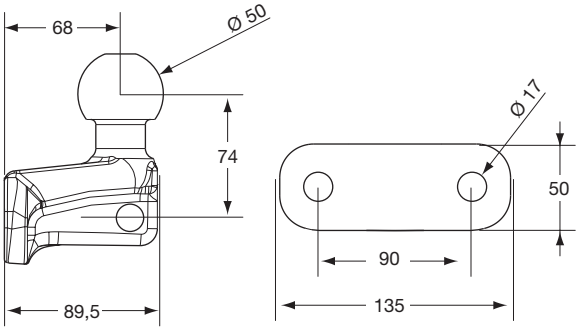
Référence *Reference*	Kg	D (kN)	(t) maxi	(t) maxi	Dc (kN)	S (kg)	V (kN)	(t) maxi	(t) maxi	Type *Type*
2905200	15	70	28,5	16	50	650	18	40	6,5	Fixe* *Fixed**
2905201	15	100	40	20	70	900	25	44	9	Fixe* *Fixed**
2905202	15	70	28,5	16	50	650	18	40	6,5	Tournant** *Rotating***
2905203	15	100	40	20	70	900	25	44	9	Tournant** *Rotating***

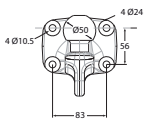


Rotules / *Towing balls*

Boule d'attelage, percé 2 trous Ø 17.
Towing ball, 2 holes Ø 17.

Référence *Reference*	Kg	D (kN)	S (kg)	(t) maxi	(t) maxi
2944549	2	18	210	7	3,5



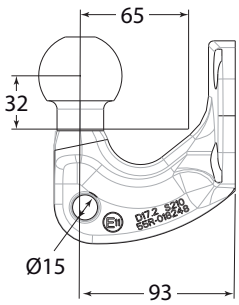


2944737

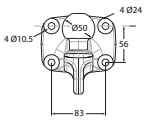
ASOX

Rotule.
Towing ball.

Référence *Reference*	Kg	D (kN)	S (kg)	(t) maxi	(t) maxi	(t) maxi
2944737	2	17,2	210	3.5	7	3,5



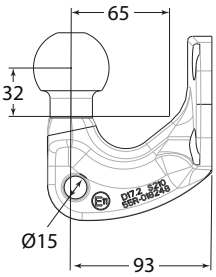
Rotules / *Towing balls*



2944731

ASOX

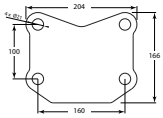
Rotule.
Towing ball.



Référence *Reference*	Kg	D (kN)	S (kg)	(t) maxi	(t) maxi	(t) maxi
2944731	2	31	375	3.5	36	3,5

Chapes simples / *Simple towing yokes*

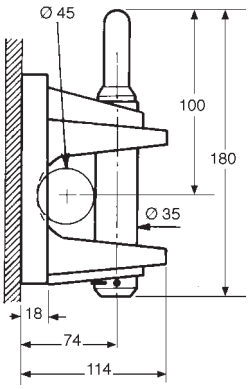
POMMIER



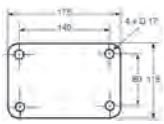
2905741

99 A

Chape, broche Ø 35 (pour utilisation sur parc privé).
Towing jaw, pin Ø 35 (for private park using).



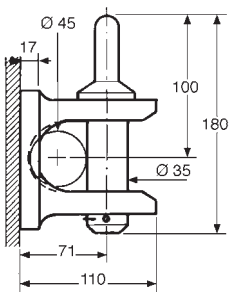
Référence *Reference*	Kg	D (kN)	(t) maxi	(t) maxi	Dc (kN)	S (kg)	V (kN)	(t) maxi	(t) maxi
2905741	7,4	110	46	25	90	1000	35	40	13



2905730

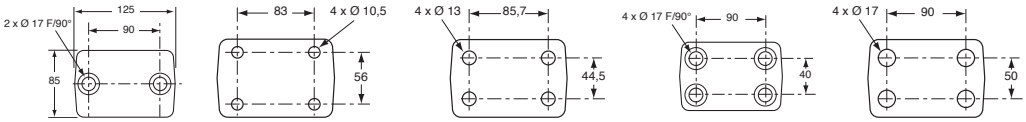
98 K

Chape, broche Ø 35 (pour utilisation sur parc privé).
Towing jaw, pin Ø 35 (for private park using).



Référence *Reference*	Kg	D (kN)	(t) maxi	(t) maxi	Dc (kN)	S (kg)	V (kN)	(t) maxi	(t) maxi
2905730	4,7	70	30	16	70	900	18	30	6,5

Chapes simples / *Simple towing yokes*

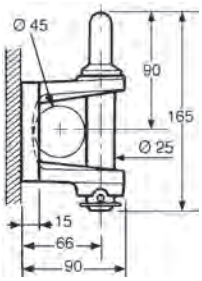


2905701 2905702 2905703 2905704 2905705

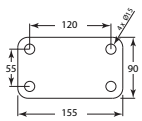
93 A

Chape.
Towing jaw.

ECE R55



Référence *Reference*	Kg	D (kN)	S (kg)	(t) maxi	(t) maxi
2905701	2,2	20	120	8,5	3,5
2905702	2,2	20	120	8,5	3,5
2905703	2,2	20	120	8,5	3,5
2905704	2,2	20	120	8,5	3,5
2905705	2,2	20	120	8,5	3,5

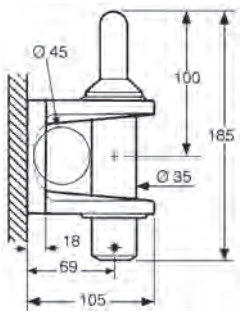


2905722

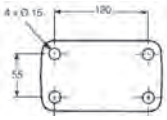
98

Chape à broche de Ø 35 (pour utilisation sur parc privé).
Towing jaw with pin Ø 35 (for private park using).

Référence *Reference*	Kg	D (kN)	(t) maxi	(t) maxi	Dc (kN)	S (kg)	V (kN)	(t) maxi	(t) maxi
2905722	3,7	70	28,5	15	50	650	18	22	6,5



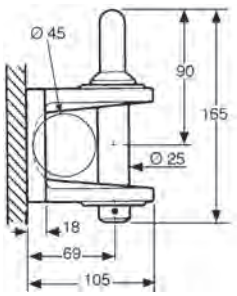
Chapes simples / *Simple towing yokes*



2905721

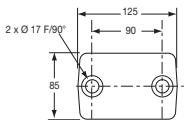
90

Chape à broche de Ø 25 (pour utilisation sur parc privé).
Towing jaw with pin Ø 25 (for private park using).

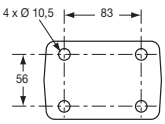


Référence *Reference*	Kg	D (kN)	(t) maxi	(t) maxi	Dc (kN)	S (kg)	V (kN)	(t) maxi	(t) maxi
2905721	3,1	50	22	8	50	250	15	22	6,5

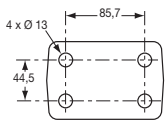
Chapes mixtes / *Mixed towing yokes*



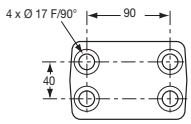
2905711



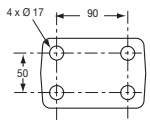
2905712



2905713



2905714

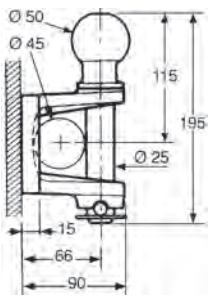


2905715

93 R

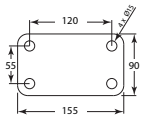
Chape, visserie fournie (*).
Towing jaw, delivered with bolt (*).

ECE R 55



Référence *Reference*	Kg	D (kN)	S (kg)	(t) maxi	(t) maxi	Ø visserie / classe *Bolt Ø / grade*	Type *Type*
2905711	2,7	12 20	120 120	5 8,5	1,5 3,5	*	Sur boule Sur broche *Ball / Pin*
2905712	2,7	12 20	120 120	5 8,5	1,5 3,5	M10 / 10.9	Sur boule Sur broche *Ball / Pin*
2905713	2,7	12 20	120 120	5 8,5	1,5 3,5	M12/8.8	Sur boule Sur broche *Ball / Pin*
2905714	2,7	12 20	120 120	5 8,5	1,5 3,5	*	Sur boule Sur broche *Ball / Pin*
2905715	2,7	12 20	120 120	5 8,5	1,5 3,5	M16/8.8	Sur boule Sur broche *Ball / Pin*

Chapes mixtes / *Mixed towing yokes*

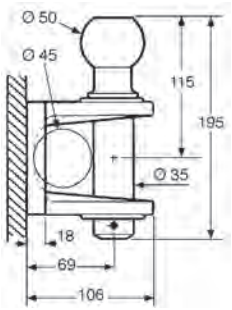


2905723

98

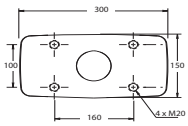
Chape à broche de Ø 35.
Towing jaw with pin Ø 35.

ECE R55

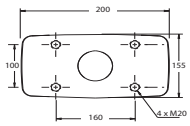


Référence *Reference*	Kg	D (kN)	(t) maxi	(t) maxi	Dc (kN)	S (kg)	(t) maxi	(t) maxi	Type *Type*
2905723	4	31 31	34,3-7 35,5	2,3-3,5 3,5	21,1 31	250 375	34,3-7 35,5	2,3-3,5 3,5	Sur boule Sur broche *Ball / Pin*

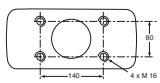
Attelages à broche BNA / *BNA Bolt coupling*



G150



G150M



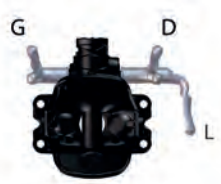
G145

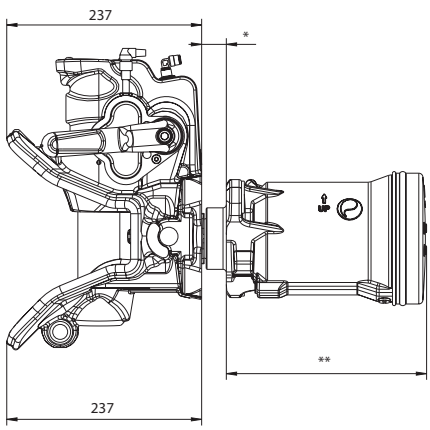
KONEXO

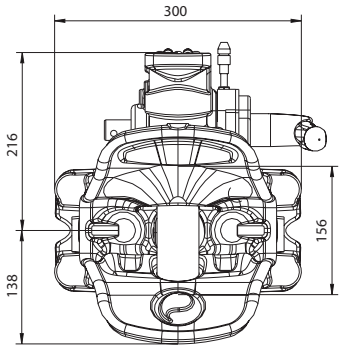
Crochet d'attelage manuel.
Coupling.

ECE R 55

Référence *Reference*	Kg	D (kN)	(t) maxi	(t) maxi	Dc (kN)	S (kg)	V (kN)	(t) maxi	(t) maxi	Ø visserie / classe *Bolt Ø / grade*	Type *Type*	Rattrapage de jeu *Shock absorber*	Poignée *Handles*
2907640	35	200	103	50	160	1000	140	96	40	M20	G150		D
2907640L	35	200	103	50	160	1000	140	96	40	M20	G150		L
2907641	35	200	103	50	160	1000	140	96	40	M20	G150		G
2907642	46	200	103	50	160	1000	140	96	40	M20	G150	AirConfort	D
2907642M	46	200	103	50	160	1000	140	96	40	M20	G150M	AirConfort	D
2907642L	46	200	103	50	160	1000	140	96	40	M20	G150	AirConfort	L
2907642LM	46	200	103	50	160	1000	140	96	40	M20	G150M	AirConfort	L
2907643	46	200	103	50	160	1000	140	96	40	M20	G150	AirConfort	G
2907650	35	120	90	30	95	1000	36	87	24	M16	G145		D
2907650L	35	120	90	30	95	1000	36	87	24	M16	G145		L
2907651	35	120	90	30	95	1000	36	87	24	M16	G145		G
2907652	46	120	90	30	95	1000	36	87	24	M16	G145	AirConfort	D
2907652L	46	120	90	30	95	1000	36	87	24	M16	G145	AirConfort	L
2907653	46	120	90	30	95	1000	36	87	24	M16	G145	AirConfort	G



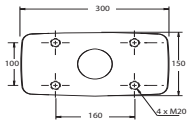




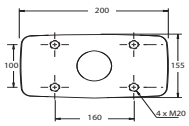
	*	**
G150(M)	10 - 36 mm	244 mm
G145	8 - 36 mm	324 mm

Pour les traverses fin de châssis MAN et MERCEDES, commandez les versions M : 2907642M, 2907642LM, 2907646M, 2907646LM, 2907642PM.
For MAN and MERCEDES chassis end members, order versions M : 2907642M, 2907642LM, 2907646M, 2907646LM, 2907642PM.

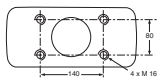
Attelages à broche BNA / *BNA Bolt coupling*



G150



G150M



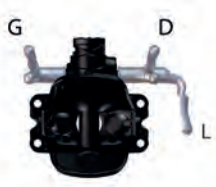
G145

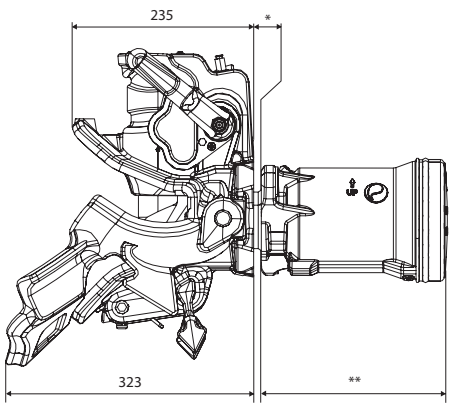
KONEXO

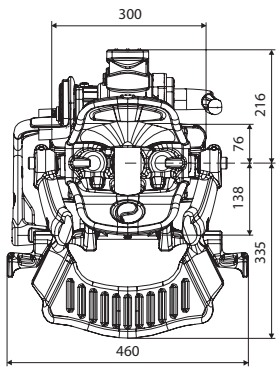
Crochet d'attelage manuel avec rampe.
Coupling with guiding ramp.

ECE R 55

Référence *Reference*	Kg	D (kN)	(t) maxi	(t) maxi	Dc (kN)	S (kg)	V (kN)	(t) maxi	(t) maxi	Ø visserie / classe *Bolt Ø / grade*	Type *Type*	Rattrapage de jeu *Shock absorber*	Poignée *Handles*
2907644	63	200	103	50	160	1000	140	96	40	M20	G150		D
2907644L	63	200	103	50	160	1000	140	96	40	M20	G150		L
2907646	74	200	103	50	160	1000	140	96	40	M20	G150	AirConfort	D
2907646M	74	200	103	50	160	1000	140	96	40	M20	G150M	AirConfort	D
2907646L	74	200	103	50	160	1000	140	96	40	M20	G150	AirConfort	L
2907646LM	74	200	103	50	160	1000	140	96	40	M20	G150M	AirConfort	L
2907654	63	120	90	30	95	1000	36	87	24	M16	G145		D
2907654L	63	120	90	30	95	1000	36	87	24	M16	G145		L
2907656	74	120	90	30	95	1000	36	87	24	M16	G145	AirConfort	D
2907656L	74	120	90	30	95	1000	36	87	24	M16	G145	AirConfort	L







	*	**
G150(M)	10 - 36 mm	244 mm
G145	8 - 36 mm	324 mm

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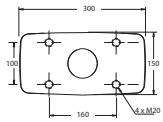
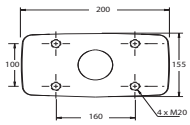
For MAN and MERCEDES chassis end members, order versions M : 2907642M, 2907642LM, 2907646M, 2907646LM, 2907642PM.

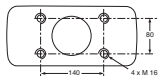
Attelages à broche BNA / *BNA Bolt coupling*



G150



G150M

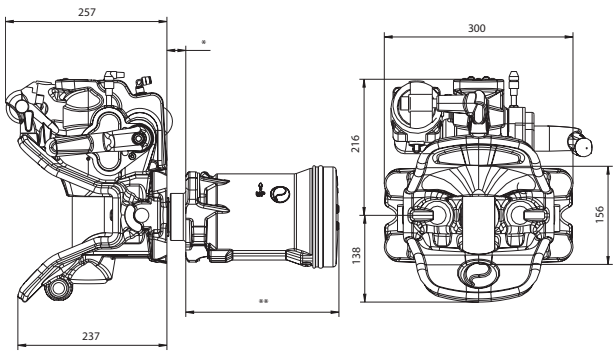


G145

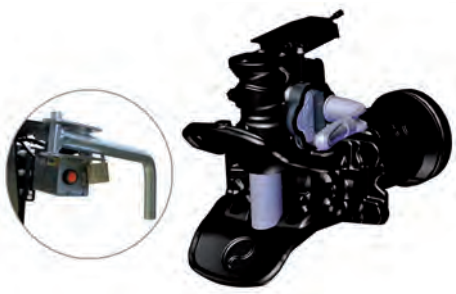
KONEXO

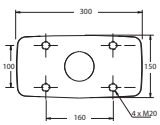
Crochet d'attelage asservi avec commande pneumatique.
Coupling with pneumatic command.

Référence *Reference*	Kg	D (kN)	(t) maxi	(t) maxi	Dc (kN)	S (kg)	V (kN)	(t) maxi	(t) maxi	Ø visserie / classe *Bolt Ø / grade*	Type *Type*	Rattrapage de jeu *Shock absorber*	Poignée *Handles*
2907642P	59	200	103	50	160	1000	140	96	40	M20	G150	AirConfort	D
2907642PM	59	200	103	50	160	1000	140	96	40	M20	G150M	AirConfort	D
2907652P	59	120	103	50	95	1000	36	96	40	M16	G145	AirConfort	D

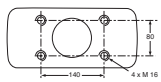


	*	**
G150(M)	10 - 36 mm	244 mm
G145	8 - 36 mm	324 mm





G150

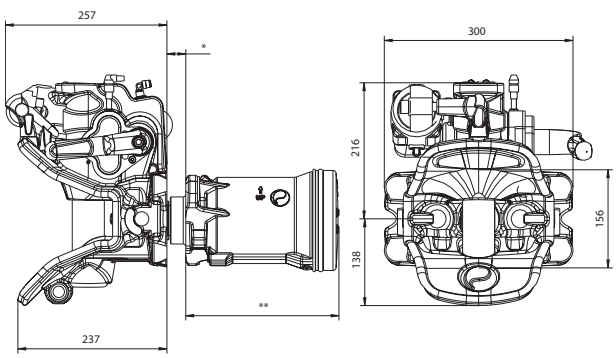


G145

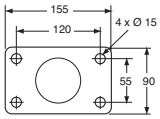
KONEXO

Crochet d'attelage asservi avec commande par câble.
Coupling with cable command.

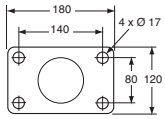
Référence *Reference*	Kg	D (kN)	(t) maxi	(t) maxi	Dc (kN)	S (kg)	V (kN)	(t) maxi	(t) maxi	Ø visserie / classe *Bolt Ø / grade*	Type *Type*	Rattrapage de jeu *Shock absorber*	Poignée *Handles*
2907642C	56	200	103	50	160	1000	140	96	40	M20	G150	AirConfort	D
2907652C	56	120	103	50	95	1000	36	96	40	M16	G145	AirConfort	D



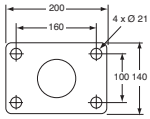
Attelages à broche DIN40 / *DIN40 Bolt coupling*



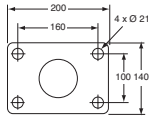
2905600



2905601



2905602

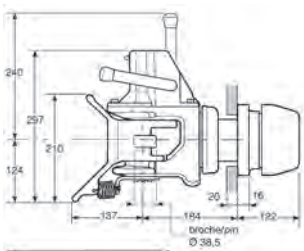


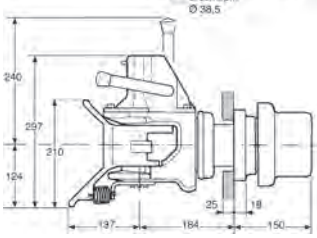
2905608

A500

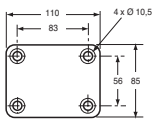
Crochet d'attelage (visserie non-fournie).
Coupling (Screws not supplied).

ECE R55

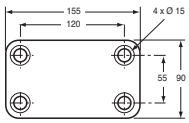




Référence *Reference*	Kg	D (kN)	(t) maxi	(t) maxi	Dc (kN)	S (kg)	V (kN)	(t) maxi	(t) maxi	Type *Type*
2905600	36	70	28,5	14,5	54	700	18	40	6,5	G135
2905601	41	100	40	19	70	950	23	44	9	G145
2905602	41	120	44	25	72	950	24	44	9,5	G150
2905608	41	120	44	30	91	1000	33	44	13	EC13



2905680



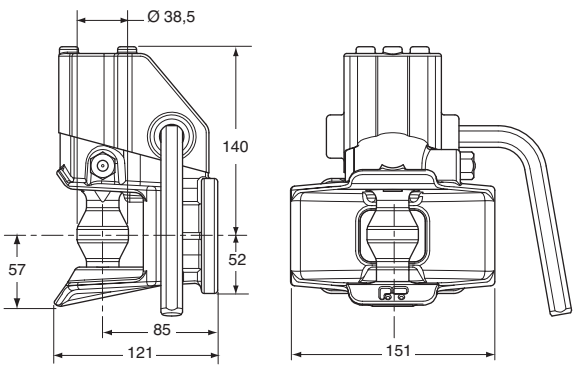
2905681

MINITRACT

Manuel fixe.
Manual fixing.

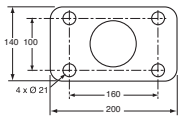
ECE R55

Référence *Reference*	Kg	D (kN)	(t) maxi	(t) maxi	Dc (kN)	S (kg)	V (kN)	(t) maxi	(t) maxi
2905680	5,5	31	35,5	3,5	31	375	-	35,5	3,5
2905681	5,5	31	35,5-16,7	3,5-4,2	31	375	12	35,5-16,7	3,5-4,2



Attelages à broche DIN50 / *DIN50 Bolt coupling*

POMMIER



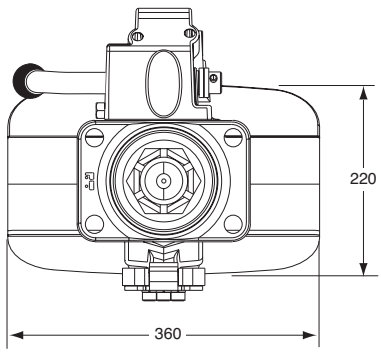
2905143

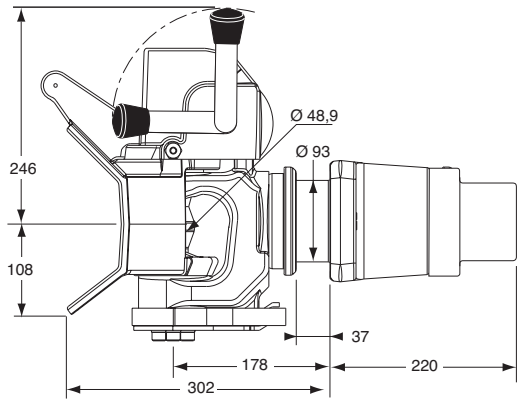
EUROTRACT

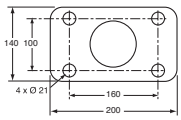
Manuel tournant.
Rotating manual.

ECE R55

Référence *Reference*	Kg	D (kN)	(t) maxi	(t) maxi	Dc (kN)	S (kg)	V (kN)	(t) maxi	(t) maxi
2905143	53	190	76	38	135	1000	72,5	52	26







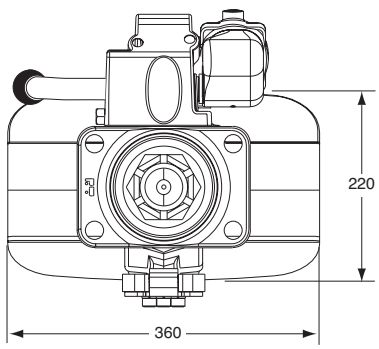
2905140

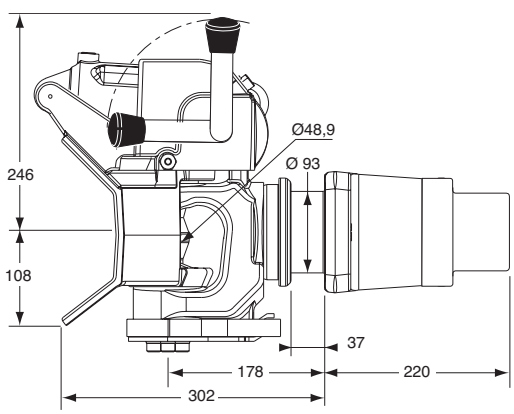
EUROTRACT

Asservi tournant.
Rotating servo.

ECE R55

Référence *Reference*	Kg	D (kN)	(t) maxi	(t) maxi	Dc (kN)	S (kg)	V (kN)	(t) maxi	(t) maxi
2905140	56,5	190	76	38	135	1000	72,5	52	26





Accessoires pour attelages à broche / *Accessories for Bolt coupling*

Kit de visualisation cabine pour Eurotract (capteur + câble inclus).
Eurotract cabin display kit (sensors + cable included).

Référence *Reference*	Kg
2944552	1

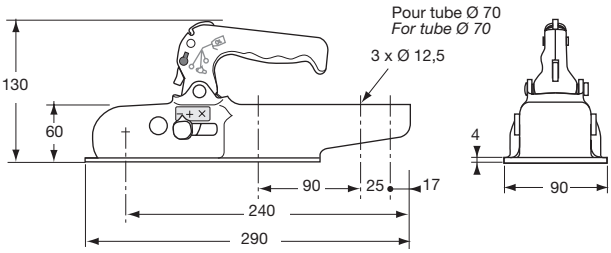
Kit de visualisation cabine pour KONEXO (capteurs + câble inclus).
KONEXO cabin display kit (sensors + cable included).

Référence *Reference*	Kg
2944599	1

Têtes d'attelages / *Coupling heads*

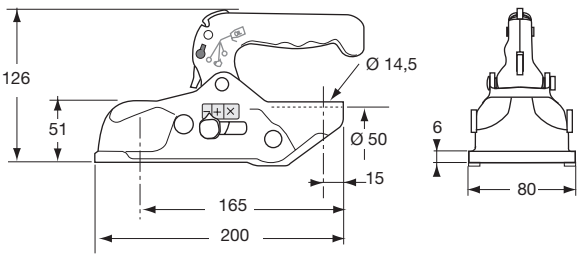
Tête d'attelage, zingué, livrée sans rotule de 50 mm.
Coupling head, zinc plated, without towing ball 50 mm.

Référence *Reference*	Kg	D (kN)	S (kg)	P.T.R *T.T.W*
2944703	1,68	14	100	1,6 t

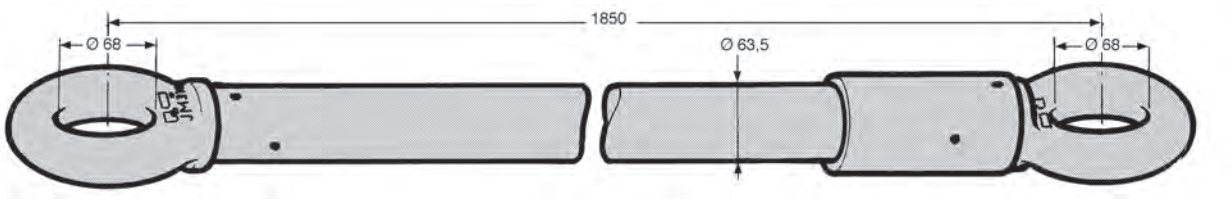


Tête d'attelage, zingué, livrée sans rotule de 50 mm.
Coupling head, zinc plated, without towing ball 50 mm.

Référence *Reference*	Kg	D (kN)	S (kg)	P.T.R *T.T.W*
2944704	2,215	26	150	3 t

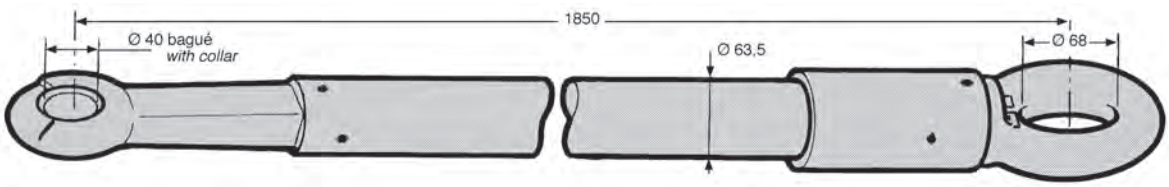


Barres de remorquage / *Towing bars*



Barre de remorquage à anneau tournant BNA/BNA, P.T.R. = 25 t.
Towing bar with rotating ring BNA/BNA, T.T.W. = 25 t.

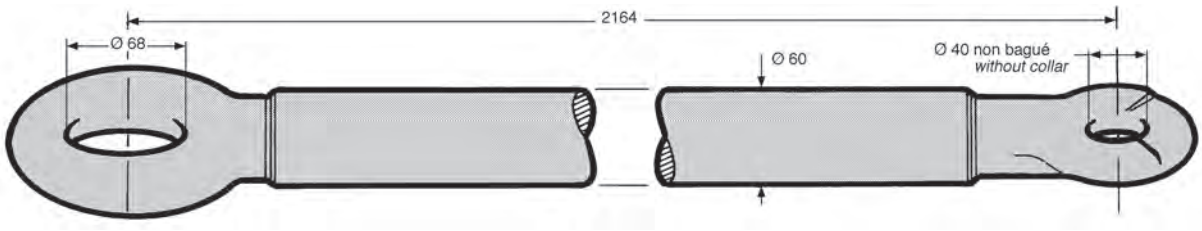
Référence *Reference*	Kg
2906100	27



Barre de remorquage à anneau tournant DIN/BNA, P.T.R. = 25 t.
Towing bar with rotating ring DIN/BNA, T.T.W. = 25 t.

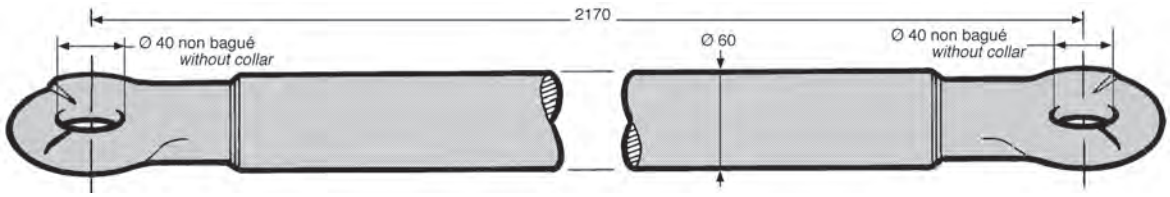
Référence *Reference*	Kg
2906101	28

Barres de remorquage / *Towing bars*



Barre de traction à anneaux BNA/DIN fixes. Ne peut être utilisées en barres de remorquage sur route.
Towing bar with BNA/DIN fixed rings. Can't be used for towing vehicle on road.

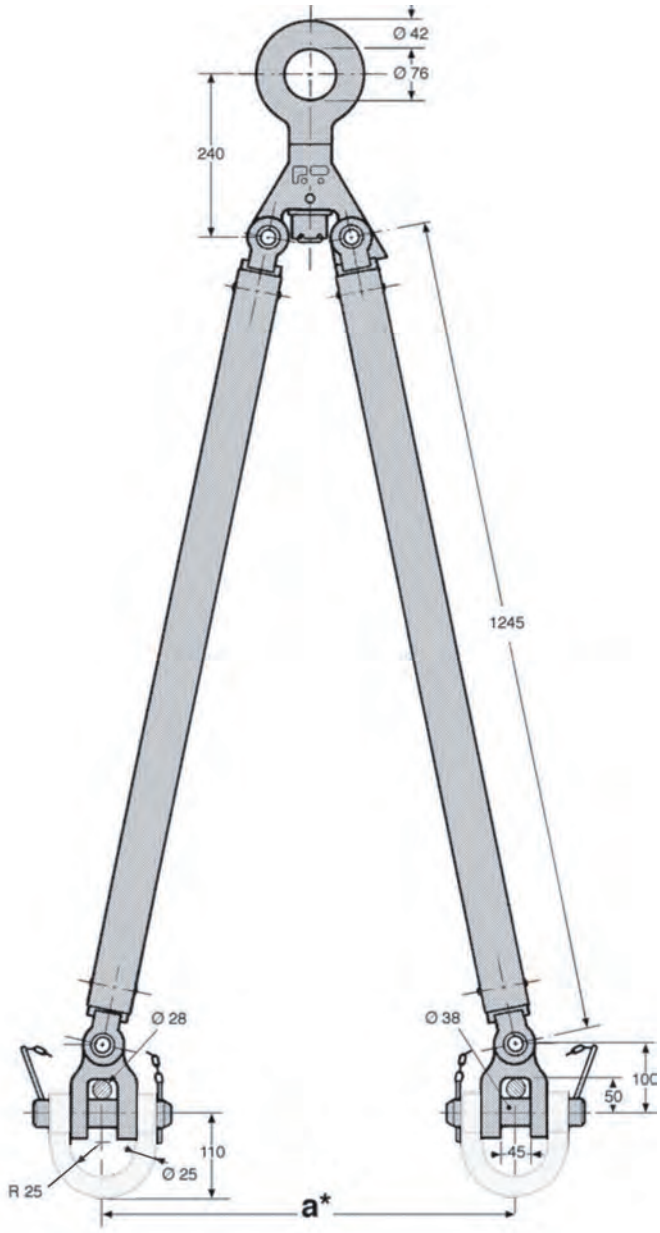
Référence *Reference*	Kg
2906110	21



Barre de traction à anneaux DIN/DIN fixes. Ne peut être utilisées en barres de remorquage sur route.
Towing bar with DIN/DIN fixed rings. Can't be used for towing vehicle on road.

Référence *Reference*	Kg
2906111	19

Barres de remorquage / *Towing bars*



Triangle de dépannage 640. Cote (a*) à spécifier à la commande (maxi : 1000 mm).
Towing triangle 640. Specify dimension (a) on order (Maxi : 1000 mm).*

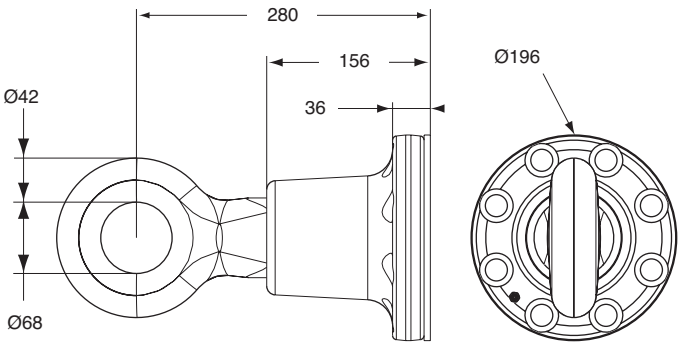
Référence *Reference*	Kg
2906120	51

Têtes de flèche BNA / *BNA Coupling heads*

Tête de flèche BNA tournant à platine, fournie avec 8 vis CHC M20 x 65 et rondelles.
Rotating BNA drawbar eye with plate supplied with 8 x CHC M20 x 65 screws and washers.

ECE R 55

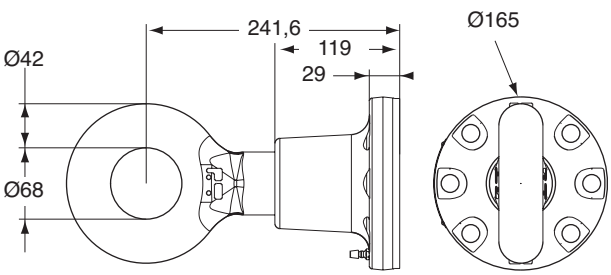
Référence *Reference*	Kg	D (kN)	(t) maxi	(t) maxi	Dc (kN)	S (kg)	V (kN)	(t) maxi	(t) maxi
2905917	25	180	72	36	125	1000	90	51	26



Tête de flèche BNA tournant à platine, fournie avec 6 vis CHC M16 x 55 et rondelles.
Rotating BNA drawbar eye with plate supplied with 6 x CHC M16 x 55 screws and washers.

ECE R 55

Référence *Reference*	Kg	D (kN)	(t) maxi	(t) maxi	Dc (kN)	S (kg)	V (kN)	(t) maxi	(t) maxi
2905916	13	110	44	18	90	1000	45	40	14

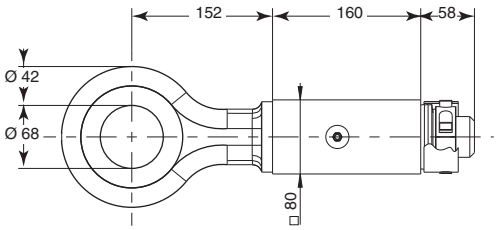


Têtes de flèche BNA / *BNA Coupling heads*

Tête de flèche BNA.
Drawbar head BNA.

ECE R 55

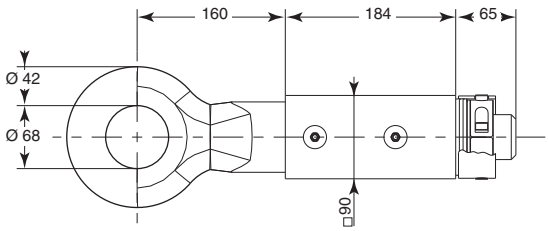
Référence *Reference*	Kg	D (kN)	(t) maxi	(t) maxi	
2905918	15	120	50	30	80



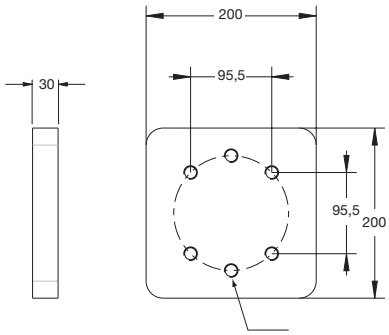
Tête de flèche BNA.
Drawbar head BNA.

ECE R 55

Référence *Reference*	Kg	D (kN)	(t) maxi	(t) maxi	Dc (kN)	S (kg)	V (kN)	(t) maxi	(t) maxi	
2905922	20	200	81	42	91	1000	34	44	13	90

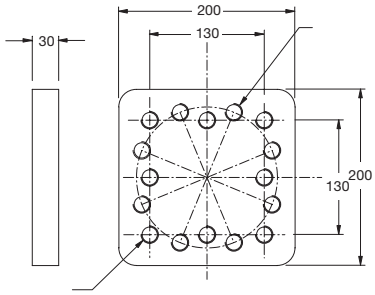


Plaques support / *Support plate*



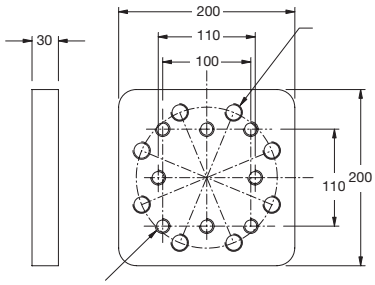
Plaque support pour tête de flèche BNA 2905916.
Plate support for drawbar head BNA 2905916.

Référence *Reference*	Kg
2905931	7



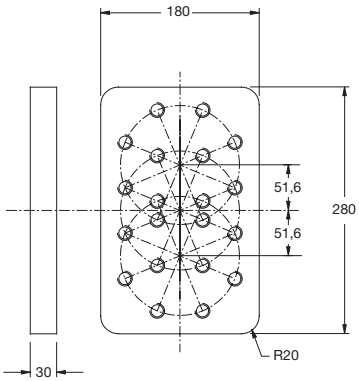
Plaque support mixte soudable pour tête de flèche 2905917.
Welded mixed support plate for drawbar head 2905917.

Référence *Reference*	Kg
2905924	8



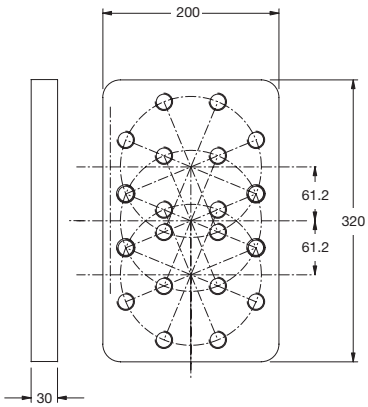
Plaque support mixte soudable pour 2905917, 2905850 et 2905862.
Welded mixed support plate for 2905917, 2905850 and 2905862.

Référence *Reference*	Kg
2905926	8,5



Plaque support 3 positions pour tête de flèche BNA 2905916.
Three position plate support for drawbar head BNA 2905916.

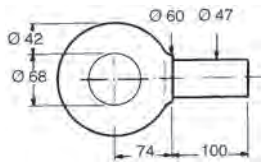
Référence *Reference*	Kg
2905923	10,4



Plaque support 3 positions pour tête de flèche BNA 2905917.
Three positions plate support for drawbar head BNA 2905917.

Référence *Reference*	Kg
2905928	12,5

Anneaux BNA / *BNA drawbar eyes*

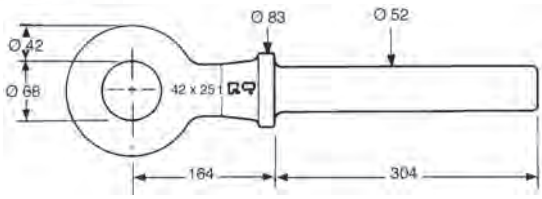


Anneau brut BNA court, soudable. Rm : 470 Mpa mini.
Short drawbar eye BNA, can be welded.
Rm : 470 Mpa mini.

Référence *Reference*	Kg
2905803	5,1

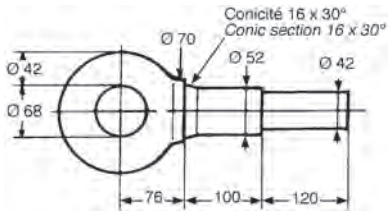
Anneau brut BNA. Rm : 850 Mpa mini.
Drawbar eye BNA. Rm : 850 Mpa mini.

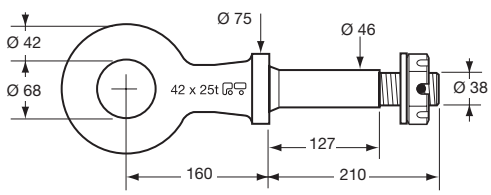
Référence *Reference*	Kg
2905804	8,4



Anneau brut BNA 310 A. Rm : 640 Mpa mini.
Drawbar eye BNA 310 A. Rm : 640 Mpa mini.

Référence *Reference*	Kg
2905800	8,5





Anneau BNA usiné.
Machined BNA drawbar eye.

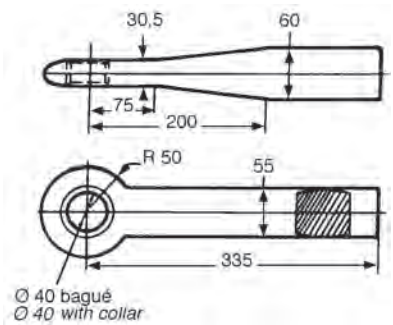
Référence *Reference*	Kg	D (kN)	(t) maxi	(t) maxi	Dc (kN)	S (kg)	V (kN)	(t) maxi	(t) maxi
2905802	8,7	110	44	25	25	650	10	23	3

Anneaux DIN40 / *DIN40 drawbar eyes*

Anneau brut bagué DIN 3 (74054-40A) à souder.
Drawbar eye DIN 3 (74054-40A, 60 x 55) with collar, to weld.

ECE R 55

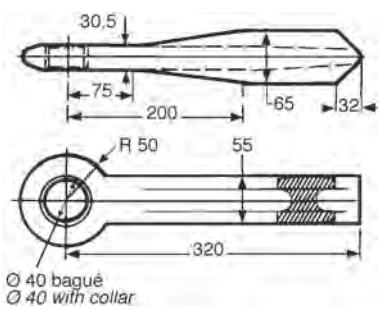
Référence *Reference*	Kg	D (kN)	(t) maxi	(t) maxi	Dc (kN)	S (kg)	V (kN)	(t) maxi	(t) maxi
2905824	6,9	95	44	30	58	700	17	40	6,5



Anneau brut bagué DIN 6 (74054-40A) à souder.
Drawbar eye DIN 6 (74054-40A, 65 x 55) with collar, to weld.

ECE R 55

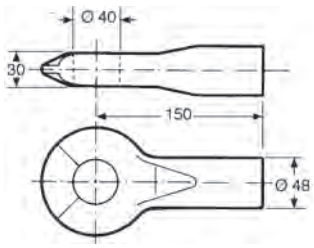
Référence *Reference*	Kg	D (kN)	(t) maxi	(t) maxi	Dc (kN)	S (kg)	V (kN)	(t) maxi	(t) maxi
2905825	5,4	125	44	30	66	900	20	40	8



Anneaux DIN40 / *DIN40 drawbar eyes*

Anneau non bagué DIN court, à souder.
Short DIN drawbar eye, without collar, to weld.

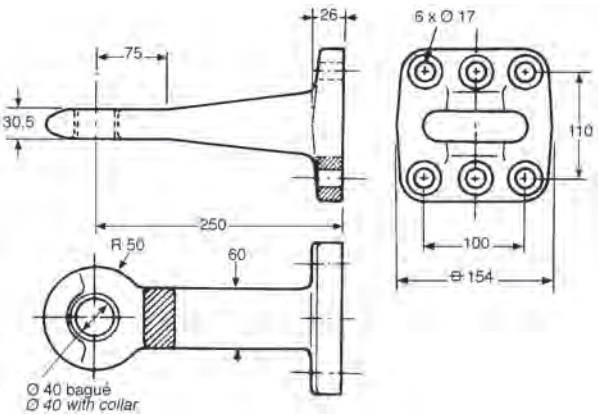
Référence *Reference*	Kg	D (kN)	(t) maxi	(t) maxi
2905828	2,5	80	44	16



Anneau à platine forme D bagué, (norme DIN 74054-40D).
D-shape drawbar eye (DIN 74054-40D) with collar.

ECE R 55

Référence *Reference*	Kg	D (kN)	(t) maxi	(t) maxi	Dc (kN)	S (kg)	V (kN)	(t) maxi	(t) maxi
2905850	10	125	44	30	100	1000	36	44	13,5

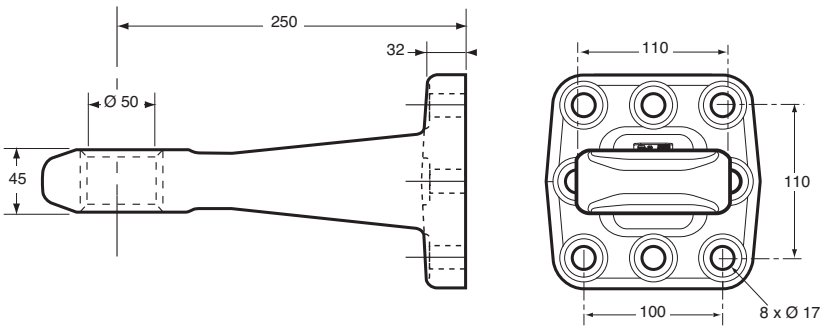


Anneaux DIN50 / *DIN50 drawbar eyes*

Anneau DIN 50 à platine, fournie avec 8 vis CHC M16 x 55 et 8 rondelles W16.
DIN 50 drawbar eye with flange, supplied with 8 CHC M16 x 55 screws and 8 x W16 washers.

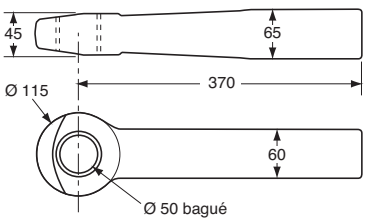
ECE R55

Référence *Reference*	Kg	D (kN)	(t) maxi	(t) maxi	Dc (kN)	S (kg)	V (kN)	(t) maxi	(t) maxi	Type *Type*
2905862	11	190	76	38	120	1000	50	52	19	DIN-50

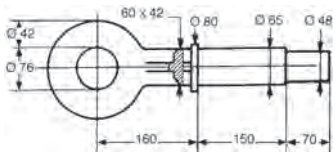


Anneau DIN 50 soudable sur timon.
Weld-in type for towing bar.

Référence *Reference*	Kg	D (kN)	(t) maxi	(t) maxi	Dc (kN)	S (kg)	V (kN)	(t) maxi	(t) maxi	Type *Type*
2905865	10,7	130	44	30	90	1000	30	44	12	D50-A

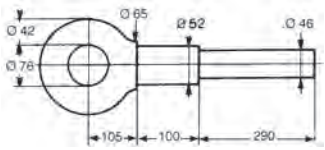


Anneaux divers / *Various drawbar eyes*



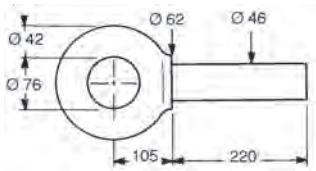
Anneau DEFA 416. Rm : 700 Mpa mini.
DEFA 416 drawbar eye. Rm : 700 Mpa mini.

Référence *Reference*	Kg
2905812	11,1



Anneau DEFA 411. Rm : 700 Mpa mini.
DEFA 411 drawbar eye. Rm : 700 Mpa mini.

Référence *Reference*	Kg
2905811	10,1

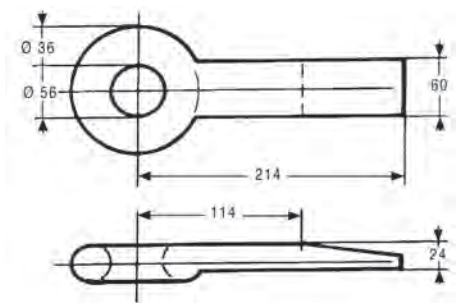


Anneau DEFA 400. Rm : 540 Mpa mini.
DEFA 400 drawbar eye. Rm : 540 Mpa mini.

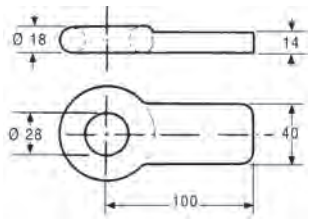
Référence *Reference*	Kg
2905810	7,7

Anneau 202 brut à souder.
Drawbar eye 202, weld-on.

Référence *Reference*	Kg	D (kN)	(t) maxi	(t) maxi	Dc (kN)	S (kg)	V (kN)	(t) maxi	(t) maxi
2905821	4	70	38,5	30	35	400	6	15	5

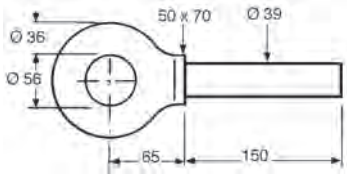


Anneaux divers / *Various drawbar eyes*



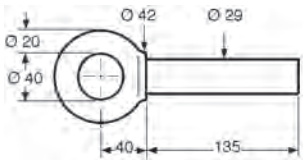
Anneau TR2 brut à souder.
Drawbar eye TR2, to weld.

Référence *Reference*	Kg
2905823	0,59



Anneau 200 brut non soudable. Rm : 440 Mpa mini.
Drawbar eye 200, not for welding. Rm : 440 Mpa mini.

Référence *Reference*	Kg
2905820	4

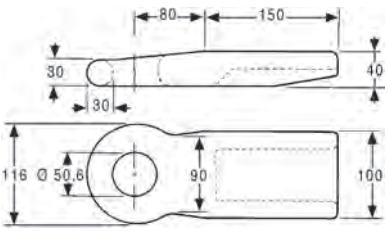


Anneau 100 brut non soudable. Rm : 440 Mpa mini.
Drawbar eye 100, non weldable. Rm : 440 Mpa mini.

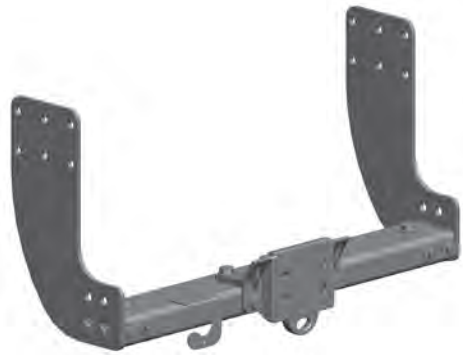
Référence *Reference*	Kg
2905822	1,2

Anneau agraire brut à souder, normes DIN 9678, NF U 14022, ISO 5692.
Weld-on agricultural drawbar eye, norms DIN 9678, NF U 14022, ISO 5692.

Référence *Reference*	Kg	D (kN)	(t) maxi	(t) maxi	Dc (kN)	S (kg)	V (kN)	(t) maxi	(t) maxi
2905834	5,8	70	38,5	30	53	3000	45	38,5	22



Traverses / *Tow bars*



La traverse d'attelage est une solution simple et homologuée pour monter un crochet d'attelage sur un véhicule fourgon ou châssis cabine.

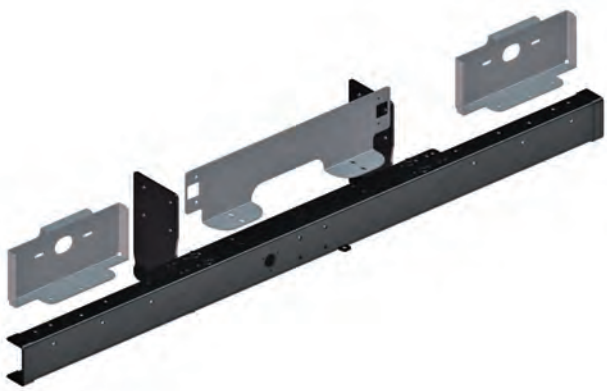
ECE R 55

- **Pré-percée pour une adaptation parfaite au châssis du véhicule**
- **Perçages existants : 83 x 56, 90 x 40, 2 x Ø 17**
- **Finition cataphorèse**
- **Possibilité d'y fixer le parechoc d'origine du véhicule (selon les modèles)**
- **Kit visserie fourni**

The tow bar is a simple and homologated solution to fix a coupling on a van or a chassis cab.

- *Pre-drilled for a perfect chassis adaption*
- *Accept several coupling drilling 83 x 56, 90 x 40, 2 x Ø 17*
- *KTL finish*
- *Possibility to fix the original truck bumper (depending of the model)*
- *Screw kit included*

Traverses + parechoc / *Tow bars + bumper*



PACK ACIER

ECE R 55 ECE R 58

- **Pré-percée pour une adaptation parfaite au châssis du véhicule**
- **Parechoc en acier avec embout de protection plastique**
- **Finition cataphorèse**
- **Kit visserie fourni**
- **Option : supports feux et plaque d'immatriculation (chapitre ACCESSOIRES POUR ATTELAGE)**

PACK ACIER

- *Pre-drilled for a perfect chassis adaption*
- *Steel bumper with plastic protection caps*
- *KTL finish*
- *Screw kit included*
- *Option : light and plate supports (section ACCESSORIES FOR COUPLINGS)*

PACK ALU

ECE R 55 ECE R 58

- **Pré-percée pour une adaptation parfaite au châssis du véhicule**
- **Parechoc porte-feux en aluminium anodisé avec embout de protection caoutchouc**
- **Finition cataphorèse**
- **Kit visserie fourni**

PACK ALU

- *Pre-drilled for a perfect chassis adaption*
- *Anodized aluminum bumper with rubber protection caps*
- *KTL finish*
- *Screw kit included*

Traverses + parechoc + marchepied / *Tow bars + bumper + running board*

PACK ALU (L) : GRAND MARCHEPIED

ECE R 55 ECE R 58

- **Pré-percée pour une adaptation parfaite au châssis du véhicule**
- **Parechoc porte-feux en aluminium anodisé avec embout de protection caoutchouc**
- **Grand marchepied en aluminium anodisé avec embout de protection caoutchouc**
- **Finition cataphorèse (sauf éléments en aluminium)**
- **Kit visserie fourni**

PACK ALU (L) : LARGE RUNNINGBOARD

- *Pre-drilled for a perfect chassis adaption*
- *Anodized aluminum bumper with rubber protection caps*
- *Large aluminum running board with rubber protection caps*
- *KTL finish*
- *Screw kit included*

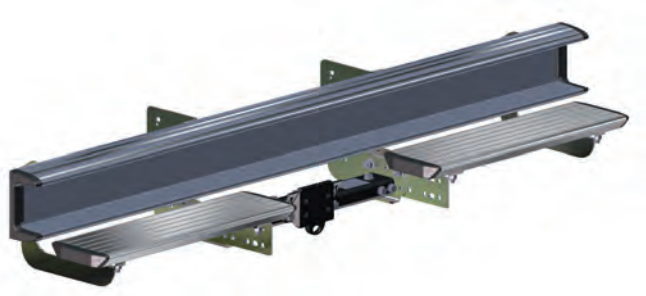
PACK ALU (S) : SIMPLE MARCHEPIED

ECE R 55 ECE R 58

- **Pré-percée pour une adaptation parfaite au châssis du véhicule**
- **Parechoc porte-feux en aluminium anodisé avec embout de protection caoutchouc**
- **Double marchepied en aluminium anodisé avec embout de protection caoutchouc**
- **Finition cataphorèse**
- **Kit visserie fourni**

PACK ALU (S) : SINGLE RUNNINGBOARD

- *Pre-drilled for a perfect chassis adaption*
- *Anodized aluminum bumper with rubber protection caps*
- *Double aluminum running board with rubber protection caps*
- *KTL finish*
- *Screw kit included*



PACK ALU (D) : DOUBLE MARCHEPIED

ECE R 55 ECE R 58

- **Pré-percée pour une adaptation parfaite au châssis du véhicule**
- **Parechoc porte-feux en aluminium anodisé avec embout de protection caoutchouc**
- **Simple marchepied en aluminium anodisé avec embout de protection caoutchouc. Peut se monter à gauche ou à droite**
- **Finition cataphorèse**
- **Kit visserie fourni**

PACK ALU (D) : DOUBLE RUNNINGBOARD

- *Pre-drilled for a perfect chassis adaption*
- *Anodized aluminum bumper with rubber protection caps*
- *Single aluminum running board with rubber protection caps. Can be mounted on right or left side.*
- *KTL finish*
- *Screw kit included*

Traverses spécifiques / *Specific tow bar*

Marque *Brand*	Modèle *Model*	Type *Type*			Lg		TRAVERSE *TOW BAR* Référence *Reference*	Kg	PACK ACIER Référence *Reference*	Kg
FUSO	Canter TF	3C	2010>	✓	750	83x56	29056103C/3S	25	29056123C	35
		6C18 4X4	2010>	✓	750	83x56	29036101Y	27	29036121Y	35
		3S	2010>	✓	700	83x56	29056103C/3S	25	29056133S	35
		6S/7C	2010>	✓	700/750/850	83x56	29036101D	27	29036121D	35
Ford	Transit		2006>	✓	810 *	90x40	2905692P5G	22		
						83x56	2905692POG	22		
						2xØ17	2905692P4G	22		
ISUZU	Série N et M21	NLR 85 / NLR87	2006>	✓	700	90x40	2905630P5DEL	24,5		
						83x56	2905630PODEL	24,5		
						2xØ17	2905630P4DEL	24,5		
		NLR 85 / NLR 87 / NMR 85	2006>	✓	700	90x40	2905630P5SIG	28		
						83x56	2905630POSIG	28	29036121SIGMA	35
						2xØ17	2905630P4SIG	28		
		NNR 85 - NPR 85	2006>	✓	750	90x40	2905631P5SIG	26		
						83x56	2905631POSIG	26	29036121SIGMA	35
						2xØ17	2905631P4SIG	26		
		NPR 75	2006>	✓	850	90x40	2905637P5SIG	26		
						83x56	2905637POSIG	26	29036121SIGMA	35
						2xØ17	2905637P4SIG	26		
IVECO	Daily	33S - 35S	2014>	✓	860	90x40	2905698P5LAMPR	31		
						83x56	2905698POLAMPR	31	29056123PI	
						2Ø17	2905698P4LAMPR	31		
		35C	2014>	✓	860	83x56	29036101V		29056121A-I	
		40C - 45C - 50C	2014>	✓	860	83x56	29036101V		29036122PI	
		35C > 50C avec option Helper (6094)	2014>	✓	860	83x56	29036101V		29036121V	
		60C - 65C - 70C	2014>	✓	860	83x56	29036101V		29036121V	
MAN	TGE		2017>	✓	925*	83x56	2905697MEZ		29036121Z-M	
Mercedes	Sprinter	Série 200 - 300	2006>	✓	837	90x40	2905698P5I	22		
						83x56	2905698POI	22	29056122Z	
						2xØ17	2905698P4I	22		
		Série 400 - 500	2006>	✓	810	90x40	2905692P5U	25		
						83x56	2905692POU	25	29036121Z	35
						2xØ17	2905692P4U	25		
		Série 400 - 500 (3,5t)	2006>	✓	837	83x56	2905698MEZ	23	29036121Z	
NISSAN	Cabstar/ NT400	3,5t	2006	✓	750	90x40	2905622P5	20		
						83x56	2905622PO	20	29056121A	
						2xØ17	2905622P4	20		
		> 3,5t	2006	✓	750	90x40	2905622P5	20		
						83x56	2905622PO	20	29036121A	
						2xØ17	2905622P4	20		
	NV400/ Interstar	1 3,5t	2006>	✓	836 *	90x40	2905820P5KHIC	27		
						83x56	2905820POKHIC	27	29056121A-C	
						2xØ17	2905820P4KHIC	27		

Traverses spécifiques / *Specific tow bar*

PACK ALU (L)		PACK ALU (D)		PACK ALU (S)		PACK ALU	
Référence *Reference*	Kg	Référence *Reference*	Kg	Référence *Reference*	Kg	Référence *Reference*	Kg
2916700DELBP5	62	2917700DELBP5	62	2918700DELBP5	61	2919700DELBP5	60
2916700DELBPO	62	2917700DELBPO	62	2918700DELBPO	61	2919700DELBPO	60
2916700GAMBP5	62	2917700GAMBP5	62	2918700GAMBP5	61	2919700GAMBP5	60
2916700GAMBPO	62	2917700GAMBPO	62	2918700GAMBPO	61	2919700GAMBPO	60
2916751GAMBP5	62	2917751GAMBP5	62	2918751GAMBP5	61	2919751GAMBP5	60
2916751GAMBPO	62	2917751GAMBPO	62	2918751GAMBPO	61	2919751GAMBPO	60
2916751GAMBP5	62	2917751GAMBP5	62	2918751GAMBP5	61	2919751GAMBP5	60
2916751GAMBPO	62	2917751GAMBPO	62	2918751GAMBPO	61	2919751GAMBPO	60
291675111P5	62	291775111P5	62	291875111P5	61	291975111P5	60
291675111PO	62	291775111PO	62	291875111PO	61	291975111PO	60
291675111P5	62	291775111P5	62	291875111P5	61	291975111P5	60
291675111PO	62	291775111PO	62	291875111PO	61	291975111PO	60

Millésime
Vintage

Châssis Cabine
Chassis Cab

Essieu roues simples
Single-wheel axle

Perçage crochet
Coupling drilling

Lg
Largeur de châssis
Chassis width

Lg*
Largeur de châssis
Chassis width

Poids
Weight

❶ **PAF Court**
Short Overhang

❷ **PAF Long**
Long Overhang

Pour des modèles plus anciens et pour les fourgons MERCEDES et IVECO, nous consulter.
For older models and MERCEDES, IVECO vans, please contact us.

Traverses spécifiques / *Specific tow bar*

						TRAVERSE *TOW BAR*		PACK ACIER	
Marque *Brand*	Modèle *Model*	Type *Type*			Lg		Référence *Reference*	Kg	Référence *Reference*	Kg
NISSAN	NV400/ Interstar	❶ >3,5t	2006>	✓	836 *	90x40	2905820P5KHIC	27		
						83x56	2905820POKHIC	27	29036121A-C	
						2xØ17	2905820P4KHIC	27		
		❷ 3,5t	2006>	✓	678 *	90x40	2905662P5KHI	27		
						83x56	2905662POKHI	27	29056121A-L	
						2xØ17	2905662P4KHI	27		
		❷ >3,5t	2006>	✓	678 *	90x40	2905662P5KHI	27		
						83x56	2905662POKHI	27	29036121A-C	
						2xØ17	2905662P4KHI	27		
OPEL	MOVANO	❶ 3,5t	2006>	✓	836 *	90x40	2905820P5KHIC	27		
						83x56	2905820POKHIC	27	29056121A-C	
						2xØ17	2905820P4KHIC	27		
		❶ >3,5t	2006>	✓	836 *	90x40	2905820P5KHIC	27		
						83x56	2905820POKHIC	27	29036121A-C	
						2xØ17	2905820P4KHIC	27		
		❷ 3,5t	2006>	✓	678 *	90x40	2905662P5KHI	27		
						83x56	2905662POKHI	27	29056121A-L	
						2xØ17	2905662P4KHI	27		
		❷ >3,5t	2006>	✓	678 *	90x40	2905662P5KHI	27		
						83x56	2905662POKHI	27	29036121A-C	
						2xØ17	2905662P4KHI	27		
RENAULT	MASTER III	❶ 3,5t	2006>	✓	836 *	90x40	2905820P5KHIC	27		
						83x56	2905820POKHIC	27	29056121A-C	
						2xØ17	2905820P4KHIC	27		
		❶ >3,5t	2006>	✓	836 *	90x40	2905820P5KHIC	27		
						83x56	2905820POKHIC	27	29036121A-C	
						2xØ17	2905820P4KHIC	27		
		❷ 3,5t	2006>	✓	678 *	90x40	2905662P5KHI	27		
						83x56	2905662POKHI	27	29056121A-L	
						2xØ17	2905662P4KHI	27		
		❷ >3,5t	2006>	✓	678 *	90x40	2905662P5KHI	27		
						83x56	2905662POKHI	27	29036121A-C	
						2xØ17	2905662P4KHI	27		
	Maxity	3,5t	2006	✓	750	90x40	2905622P5	20		
						83x56	2905622PO	20	29056121A	
						2xØ17	2905622P4	20		
		> 3,5t	2006	✓	750	90x40	2905622P5	20		
						83x56	2905622PO	20	29036121A	
						2xØ17	2905622P4	20		
	D	3,5	2006	✓	858	83x56	29036102B	27	29056123B	35
		4 - 5 - 7,5	2006	✓	858-860	83x56	29036102B	27	29036123B	35
VW	Crafter	35 - 50 3T5	2006>	✓	837*	83x56	2905698MEZ	27	29036121Z	35
	New Crafter	35 - 50	2017>	✓	925*	83x56	2905697MEZ		29036121Z-M	
TOUTES *ALL*	Joues à percer	Largeur roues AR / *Width of the rear wheels* < 2175 mm				83x56	29036101V		29036121V	
	Brackets to be drilled	Largeur roues AR / *Width of the rear wheels* < 2290 mm				83x56	29036101V		29036141V	

Traverses spécifiques / *Specific tow bar*

PACK ALU (L)		PACK ALU (D)		PACK ALU (S)		PACK ALU	
Référence *Reference*	Kg	Référence *Reference*	Kg	Référence *Reference*	Kg	Référence *Reference*	Kg
291675111P5	62	291775111P5	62	291875111P5	61	291975111P5	60
291675111P0	62	291775111P0	62	291875111P0	61	291975111P0	60
291675111P5	62	291775111P5	62	291875111P5	61	291975111P5	60
291675111P0	62	291775111P0	62	291875111P0	61	291975111P0	60

Millésime
Vintage

Châssis Cabine
Chassis Cab

Essieu roues simples
Single-wheel axle

Perçage crochet
Coupling drilling

Lg Lg
Largeur de châssis
Chassis width

Lg* Lg
Largeur de châssis
Chassis width

Poids
Weight

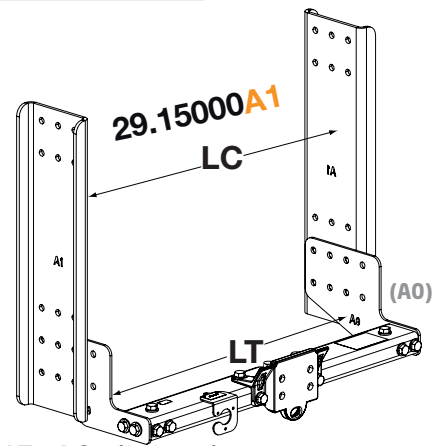
❶ **PAF Court**
Short Overhang

❷ **PAF Long**
Long Overhang

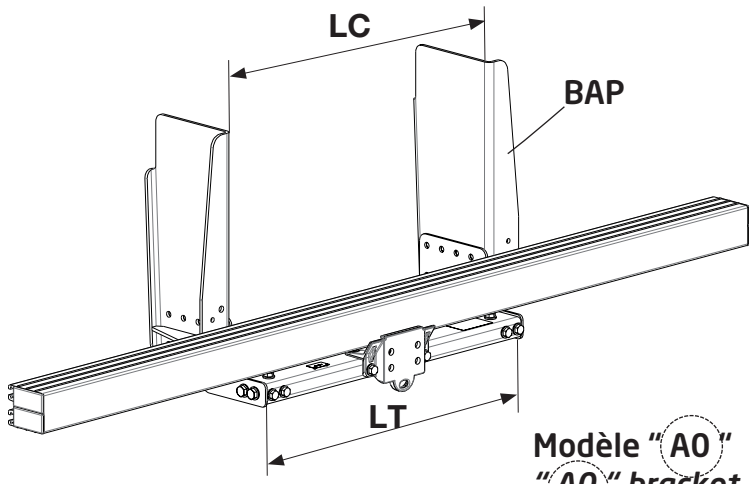
Pour des modèles plus anciens et pour les fourgons MERCEDES et IVECO, nous consulter.
For older models and MERCEDES, IVECO vans, please contact us.

Traverses Universelles / *Universal tow bars*

2915XXX P0 A1



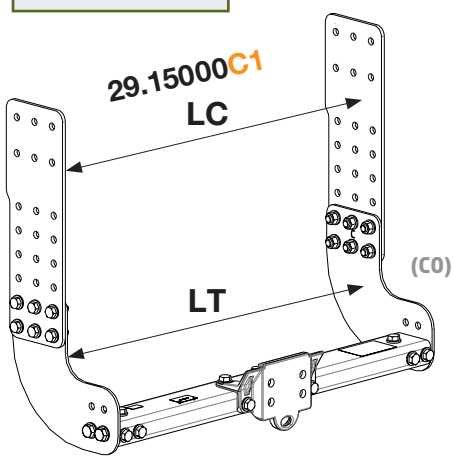
LT = LC - (2x6 mm)



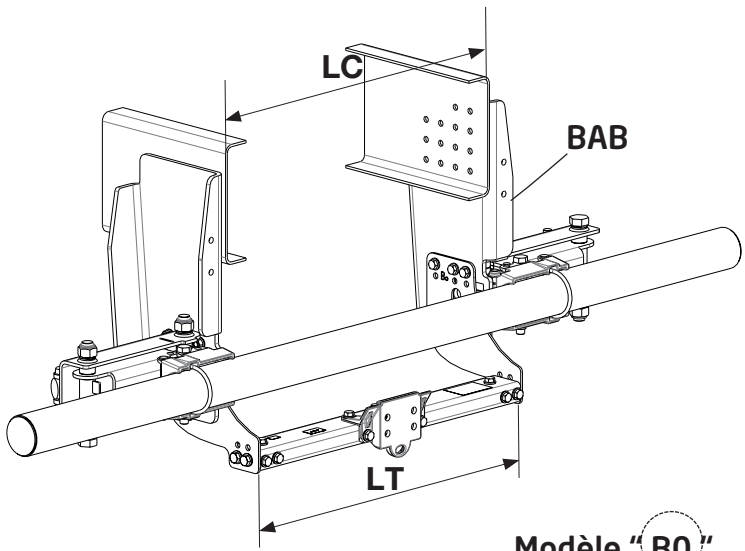
LT = LC - (2x6 mm)

Modèle "A0"
"A0" bracket

2915XXX P0 C1



LT = LC - (2x6 mm)



LT = LC - (2x6 mm)

Modèle "B0"
"B0" bracket

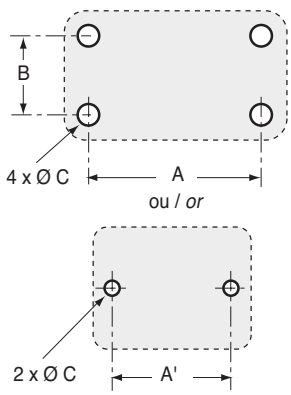
LT Longueur du tube *Tube length* (± 2,5 mm)
662
700
729
734
751
757
762
770
790
802
810
820
837
844
852
860
895

KTL

31 kN

Perçage
Drilling

	A	B	Ø C
P0	83	56	11
P4	90		17
P5	90	40	17



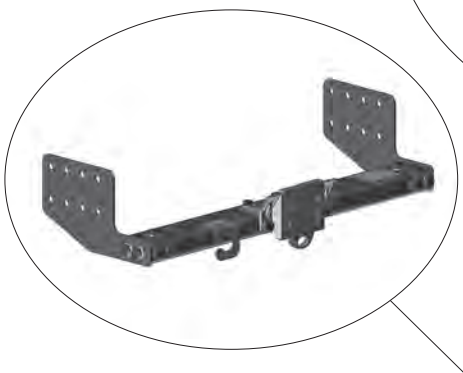
2915770 P0 B0

Traverses Universelles / *Universal tow bars*

Modèle "L0"
"*L0*" *bracket*

KTL

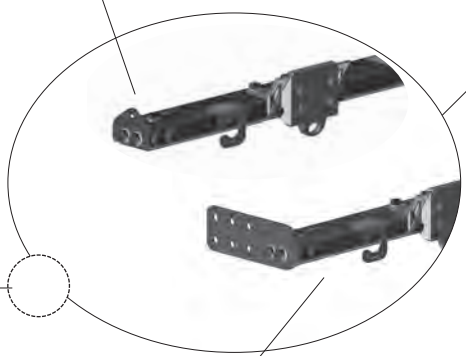
Modèle "A0"
"*A0*" *bracket*

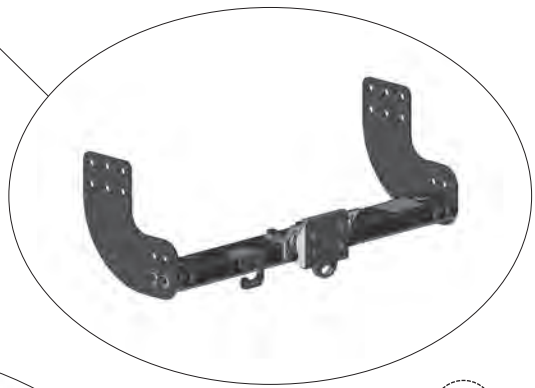


Modèle "B0"
"*B0*" *bracket*

D = 31 kN maxi
S = 375 Kg maxi

Modèle "R0"
"*R0*" *bracket*





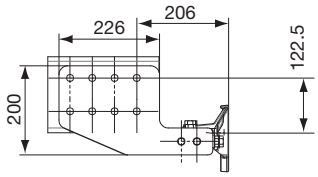
Modèle "H0"
"*H0*" *bracket*

Modèle "C0"
"*C0*" *bracket*

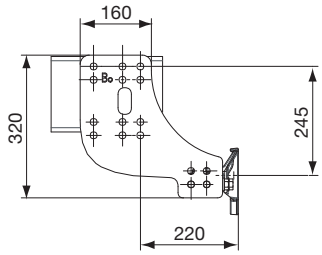
Modèle "M0"
"*M0*" *bracket*

Traverses Universelles / *Universal tow bars*

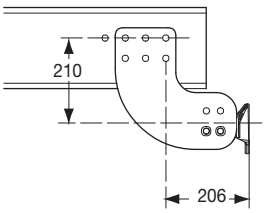
A0



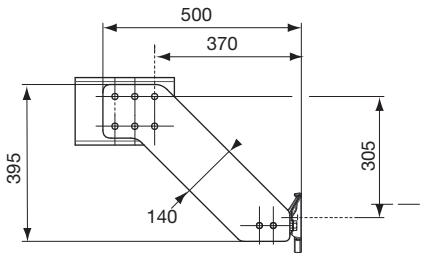
B0



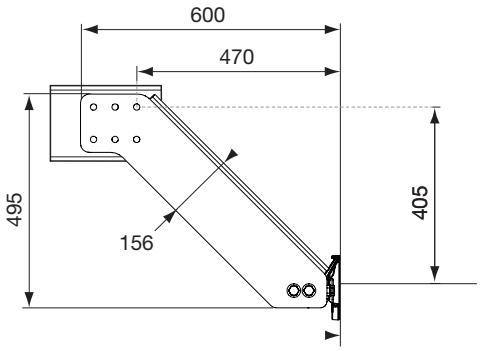
C0



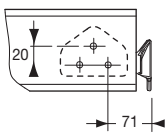
M0



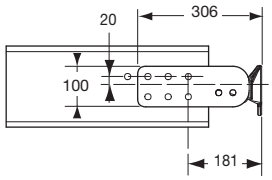
L0



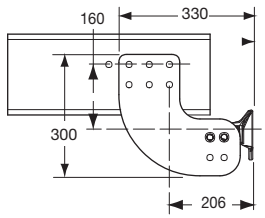
R0



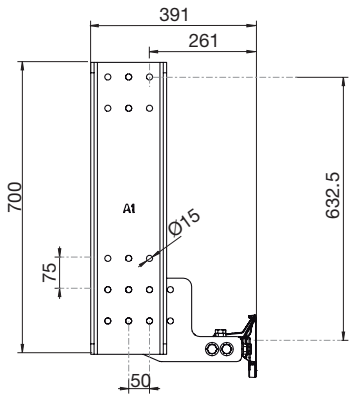
H0



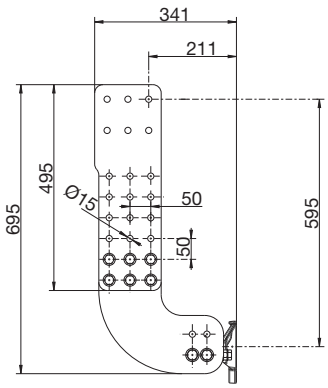
C0



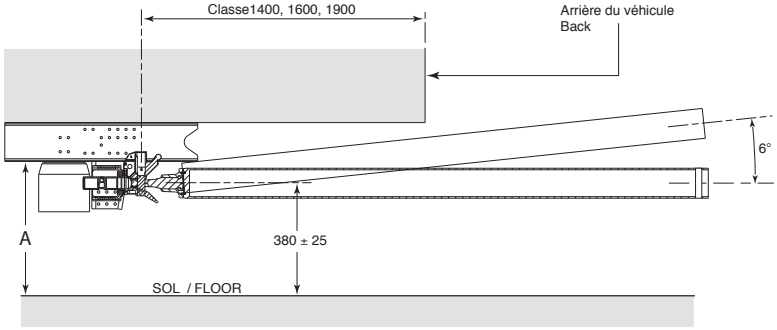
A1



C1



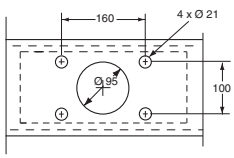
Traverses 19T / *19T tow bar*



Traverse 19T.
19T tow bar.

Pour cote A jusqu'à ... *For dimension A up to ...*	
M	675
L	735
X	838

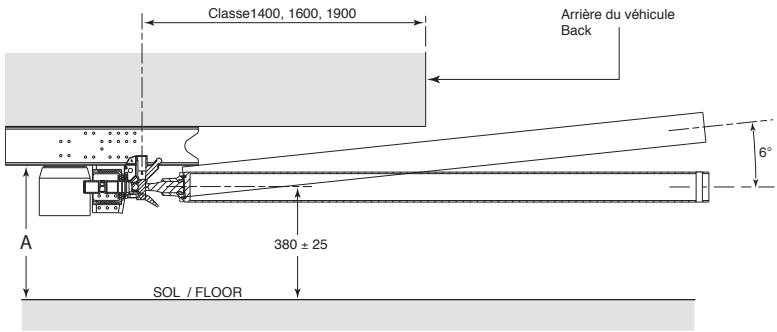
Référence *Reference*	Kg	Largeur châssis ±2,5 mm *Chassis width ±2,5 mm*
2905152L	116	757
2905152M	111	757
2905152X	123	757
2905153L	116	762
2905153M	111	762
2905153X	124	762
2905155L	117	770
2905155M	112	770
2905155X	124	770
2905156L	119	790
2905156M	114	790
2905156X	126	790
2905158L	125	850
2905158M	120	850
2905158X	132	850
2905159L	126	857
2905159M	121	857
2905159X	133	857
2905154L	117	766
2905154M	112	766
2905154X	124	766
2905157L	120	802
2905157M	115	802
2905157X	127	802



G150

Type *Type*	D (kN)	(t) maxi	(t) maxi	Dc (kN)	S (kg)	V (kN)	(t) maxi	(t) maxi
G150	110	44	26	110	1000	62	44	19

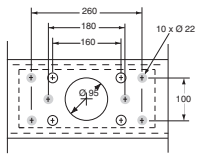
Traverses 26T / *26T tow bar*



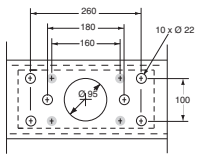
Traverse 26T.
26T tow bar.

Pour cote A jusqu'à ... *For dimension A up to ...*	
CAPS	633
LAPS	793

Référence *Reference*	Kg	Largeur châssis ±2,5 mm *Chassis width ±2,5 mm*
2905642CAPS	119	757
2905642LAPS	132	757
2905643CAPS	120	762
2905643LAPS	133	762
2905645CAPS	120	770
2905645LAPS	133	770
2905646CAPS	121	790
2905646LAPS	134	790
2905648CAPS	125	850
2905648LAPS	138	850
2905649CAPS	127	857
2905649LAPS	140	857
2905644CAPS	120	766
2905644LAPS	133	766
2905647CAPS	123	802
2905647LAPS	136	802

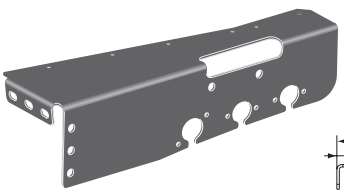


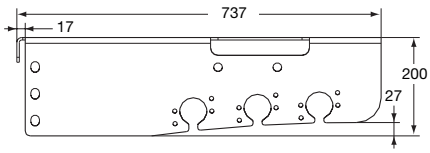
G150



G260

Type *Type*	D (kN)	(t) maxi	(t) maxi	Dc (kN)	S (kg)	V (kN)	(t) maxi	(t) maxi
G150	110	44	26	110	1000	72,5	44	24
G260	110	44	26	110	1000	82	44	26

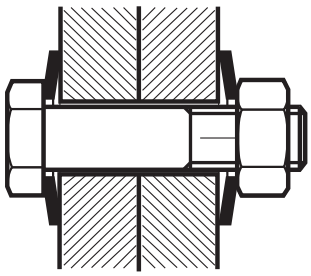




Support de prise, acier cataphorèse, à monter sur traverse surbaissée 26C/L.
Plug support, KTL coated, to be fitted on the under bar 26C/L.

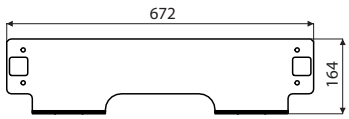
Référence *Reference*	Kg
2905675	7

Accessoires pour traverses / *Accessories for tow bars*



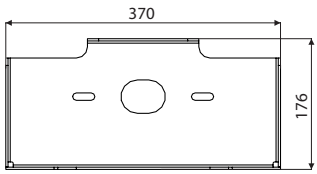
Jeu de 34 vis pour liaison traverse / châssis 19T et 26T.
Set of 34 screws for under bar link / chassis 19T and 26T.

Référence *Reference*	Type *Type*
2944137	M14
2944201	M16



Support pour plaque d'immatriculation sur Pack Acier (visserie incluse).
Support for license plate on Pack Acier (screws included).

Référence *Reference*	Kg
2905616	-



Support pour feux sur Pack Acier (visserie incluse).
Light support for Pack Acier (screw included).

Référence *Reference*	Kg
2905615	-

Faisceau multiplexé 7 broches 12V.
Universal electrical kit, 7 pins 12V.

Référence *Reference*	Kg	Longueur *Length*
2944521	0,9	1,5

Faisceau multiplexé 13 broches 12V.
Universal electrical kit, 13 pins 12V.

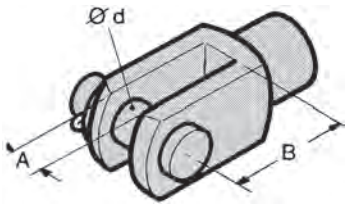
Référence *Reference*	Kg	Longueur *Length*
2944522	1,35	1,5

Accessoires pour traverses / *Accessories for tow bars*

Connecteur faisceau + câble.
Connector + cable.

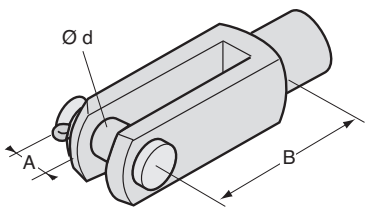
Référence *Reference*	Kg	Type *Type*
2944192	1	7 broches *7 spindle*
2944197	1	13 broches *13 spindle*

Accessoires pour attelage / *Spare parts and accessories*



Chape tringlerie courte en acier.
Steel rod yoke, short.

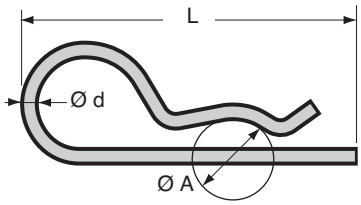
Référence *Reference*	Kg	A (mm)	B (mm)	Ø D (mm)	Finition *Finish*
2904638	0,1	10	20	10	Acier brut *Raw steel*
2904639ZN	0,15	12	24	12	Acier zingué *Zinc plated*
2904640	0,24	14	28	14	Acier brut *Raw steel*
2904641	0,36	16	32	16	Acier brut *Raw steel*
2904636ZN	0,02	6	12	6	Acier zingué *Zinc plated*
2904637ZN	0,05	8	16	8	Acier zingué *Zinc plated*



Chape tringlerie longue, acier brut.
Self colour steel rod yoke, long.

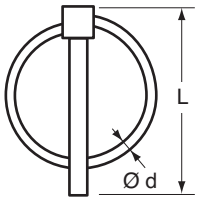
Référence *Reference*	Kg	A (mm)	B (mm)	Ø D (mm)
2904626ZN	0,02	6	24	6
2904627	0,06	8	32	8
2904628	0,12	10	40	10
2904631	0,5	16	64	16

Accessoires pour attelage / *Spare parts and accessories*



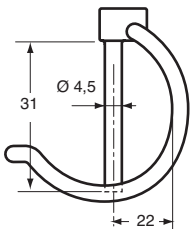
Goupille béta, acier zingué bichromaté.
Wire spring cotter, zinc plated steel.

Référence *Reference*	Kg	Ø D (mm)	L (mm)	Ø A
2904610	0,204	2	44	18
2904611	0,687	3	57	23
2904613	1,67	4	76	30
2904614	3,26	5	100	40



Goupille clip acier matricé zingué bichromaté.
Shaped cotter, forged steel, bichromated.

Référence *Reference*	Kg	Ø d (mm)	L (mm)
2904602	0,025	6	45
2904603	0,04	9	45



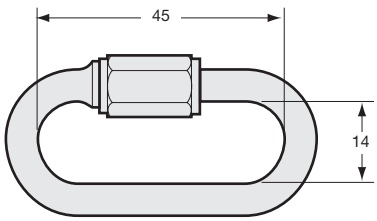
Goupille clip acier matricé zingué bichromaté.
Shaped cotter, forged steel, bichromated.

Référence *Reference*	Ø
2904604	4,5

Accessoires pour attelage / *Spare parts and accessories*

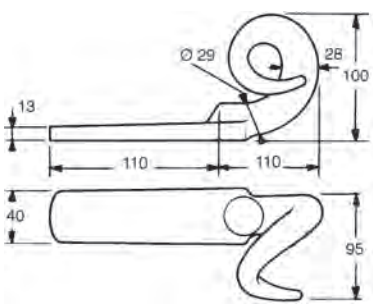
Chaîne de hayon, acier, en couronne de 25 m.
Steel tailgate chain, roll of 25 m, zinc plated.

Référence *Reference*	Kg	Øfil *Øwire*	A (mm)	B (mm)	Finition *Finish*
2904650A	0,407	5	35	10	Zingué(e) *Zinc plated*
2904650BH	0,322	4,5	34	10	Brut (e) *Raw*
2904650EG	0,095	2,5	24	6	Zingué(e) *Zinc plated*
2904650F	0,142	3	26	6	Zingué(e) *Zinc plated*
2904650GH	0,35	4,5	34	9	Zingué(e) *Zinc plated*
2904650GK	0,63	6	42	12	Zingué(e) *Zinc plated*



Maillon rapide fil de Ø 6 mm, acier zingué.
Connecting link, zinc plated steel Ø 6 mm.

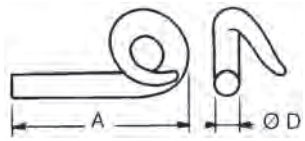
Référence *Reference*	Kg
2904620	0,035



Crochet à queue de cochon forme A.
Hook form A.

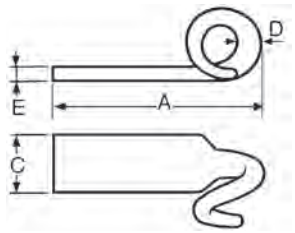
Référence *Reference*	Kg	Côté *Hand*
2904476DR	1,5	Droit (e) *Right*
2904476GA	1,5	Gauche *Left*

Accessoires pour attelage / *Spare parts and accessories*



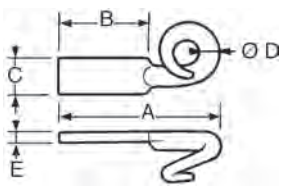
Crochet à queue de cochon forme B.
Hook form B.

Référence *Reference*	Kg	A (mm)	Ø D (mm)	Côté *Hand*
2904469DR	0,16	100	12	Droit (e) *Right*
2904469GA	0,16	100	12	Gauche *Left*
2904470DR	0,32	120	18	Droit (e) *Right*
2904470GA	0,32	120	18	Gauche *Left*



Crochet à queue de cochon forme C.
Hook form C.

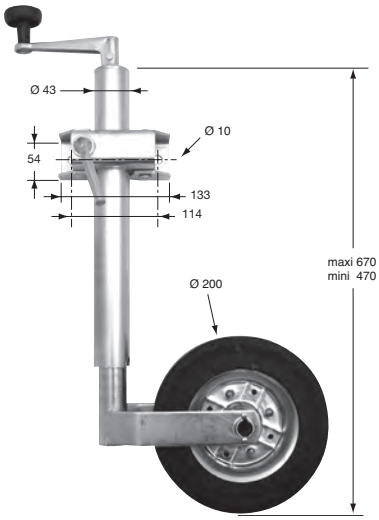
Référence *Reference*	Kg	A (mm)	C (mm)	Ø D (mm)	E (mm)	Côté *Hand*
2904466DR	0,2	95	30	13	8	Droit (e) *Right*
2904466GA	0,2	95	30	13	8	Gauche *Left*
2904467DR	0,5	135	40	16	10	Droit (e) *Right*
2904467GA	0,5	135	40	16	10	Gauche *Left*



Crochet à queue de cochon forme D.
Hook form D.

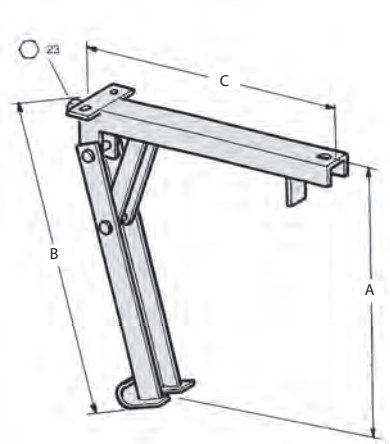
Référence *Reference*	Kg	A (mm)	B (mm)	C (mm)	Ø D (mm)	E (mm)	Côté *Hand*
2904463DR	0,1	90	50	20	10	5	Droit (e) *Right*
2904463GA	0,1	90	50	20	10	5	Gauche *Left*
2904464DR	0,16	110	60	24	12	6	Droit (e) *Right*
2904464GA	0,16	110	60	24	12	6	Gauche *Left*
2904465DR	0,38	145	80	32	16	8	Droit (e) *Right*
2904465GA	0,38	145	80	32	16	8	Gauche *Left*

Accessoires pour attelage / *Spare parts and accessories*



Roue jockey télescopique, acier zingué, charge maxi à la flèche 200 kg.
Telescopic prop wheel zinc plated steel, maximum load on towing hook 200 kg.

Référence *Reference*	Kg
2944814	4,17



Vérin de stabilisation galvanisé.
Galvanized prop ram.

Référence *Reference*	Kg	A (mm)	B (mm)	C (mm)	Finition *Finish*	Capacité *Capacity*
2944811	2,9	412	380	360	Acier galvanisé *Galvanized*	1200
2944810	1,9	370	355	240	Acier galvanisé *Galvanized*	700
2944812	3,17	455	420	360	Acier galvanisé *Galvanized*	1200

PROTECTIONS
PROTECTION

BAE POUR PORTEURS 3,5T / *UNDERRUN BAR FOR 3.5 T TRUCKS*
BAE POUR PORTEURS 7,5T / *UNDERRUN BAR FOR 7.5 T TRUCKS*
BAE POUR PORTEURS 14T / *UNDERRUN BAR FOR 14 T TRUCKS*
BAE POUR PORTEURS TOUT PTR / *UNDERRUN BAR FOR ALL GVWR TRUCKS*
BAE POUR SEMI-REMORQUES / *UNDERRUN BAR FOR SEMI - TRAILERS*
ACCESSOIRES POUR BARRES ANTI-ENCASTREMENT / *ACCESSORIES FOR UNDERRUN BAR*
SUPPORTS DE PROTECTIONS LATÉRALES ARTICULÉS / *TILTED SUPPORTS FOR SIDE GUARDS*
SUPPORTS DE PROTECTIONS LATÉRALES FIXES / *FIXED SUPPORTS FOR SIDE GUARDS*
ACCESSOIRES DE PROTECTIONS LATÉRALES / *ACCESSORIES FOR SIDE GUARDS*
BUTOIRS S.ROLL / *S.ROLL BUFFERS*
BUTOIRS BUTROLL / *BUTROLL BUFFERS*
BUTOIRS, BUTÉES / *BUFFERS, BUMPERS*
PROFILS ET REMBARDES / *PROFILES AND RUBBER FENDERS*

Comment déterminer une barre anti-encastrement ?

La barre anti-encastrement doit protéger contre l'encastrement d'un véhicule sous l'arrière d'une remorque, d'une semi-remorque ou d'un porteur. Celle-ci doit toujours être en position basse lorsque le véhicule circule sur la voie publique.

Dans tous les cas la barre, en position basse, doit être au maximum à 550 m/m du sol, la mesure doit être effectuée à vide. Voir dimension "H" ci-dessous.

Chaque barre a une cote dite de protection "P" qui varie d'un modèle à l'autre. Cette cote de protection est la distance maximum horizontale entre le tube de la barre anti-encastrement et la fin de la carrosserie.

Pour choisir son modèle, entrer dans le tableau avec les dimensions A et B puis valider le respect de la cote de protection "P".

Les barres anti-encastrement sont livrées avec une notice de montage, qui spécifie les conditions de pose et d'assemblage ainsi que la dimension et la qualité des vis et des spécifications associées. Les soudures sur le châssis sont interdites.

Le module de rigidité des longerons I/V, exprimé en cm^3, varie en fonction des références. Le carrossier doit vérifier que le longeron respecte au minimum cette valeur.

Le carrossier ou l'installateur doit transmettre au conducteur ou au propriétaire du véhicule les notices de montage et d'utilisation fournies avec les produits afin d'assurer la bonne utilisation du matériel installé.

1 En fonction des équipements, le carrossier doit mettre en œuvre des dispositifs tels que voyant ou autocollant en cabine pour aider le chauffeur à respecter la bonne utilisation des produits.

Nos produits sont conformes à la Directive Européenne 70/221/CCE, 97/19/CCE,2000/8, 2006/20, R58.

Dans certains cas, nous serons amenés à modifier les dimensions de nos composants.

How is an underrun bar determined ?

The underrun bar must prevent a vehicle from crashing under the rear of a trailer, articulated trailer or truck. It must always be located in the low position when the vehicle is driven on public roads.

In all cases, in the low position, the bar must be a maximum of 550 m/m from the ground, measured with the vehicle unloaded. See dimension "H" below.

Each bar has a protection dimension that varies from one model to another. This protection dimension is the maximum horizontal distance between the tube of the underrun bar and the end of the equipment. Dimension "P" on the figure below.

To select your model, enter dimensions A and B in the picture and then validate that protection dimension "P" is respected.

Overrun bars are supplied with fitting instructions. These instructions specify the fitting and assembly conditions along with the dimensions, screw quality and associated specifications. Welding to the chassis is forbidden.

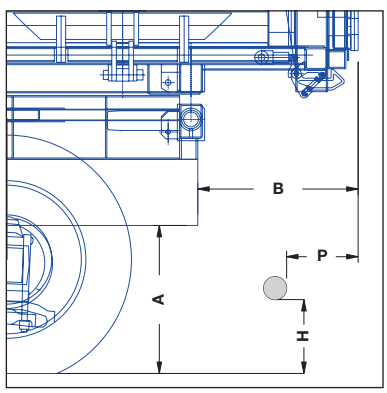
I/V is the modulus of rigidity for the side rails, expressed in cm^3. This modulus of rigidity varies according to the references. The bodybuilder must check if the side rail at least respects this value.

The bodybuilder or installer must give the fitting and operating instructions supplied with the products to the driver or owner in order to ensure that the installed equipment is used correctly.

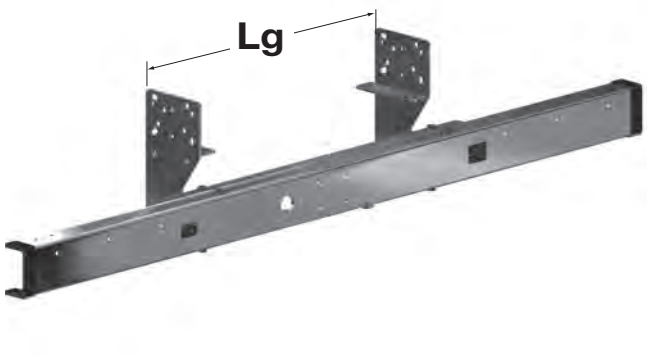
1 Based on the equipment, the bodybuilder must implement devices such as an indicator lamp or sticker in the cab to help the driver to use the products correctly.

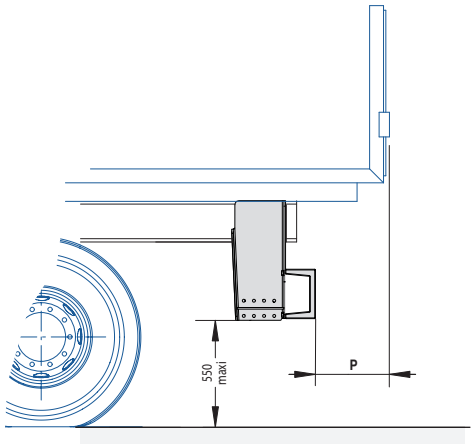
Our products are in accordance to E.E.C. standard 70/221/CCE, 97/19/CCE, 2000/8, 2006/20, R58.

In some cases, we may change the dimensions of our components.



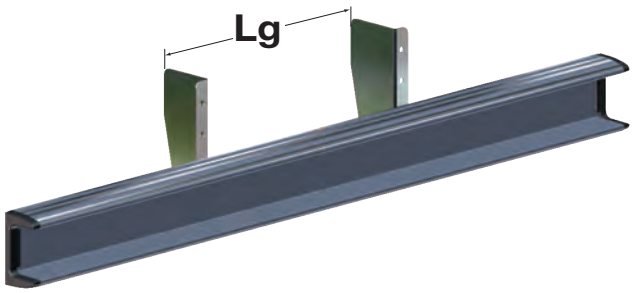
BAE Fixes / *Fixed URB*

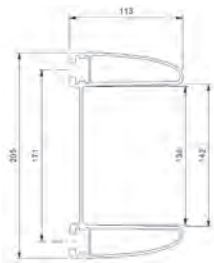


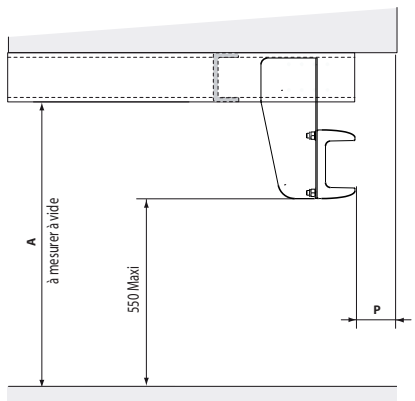


BA 3T5 Barre anti-encastrement acier traverse intégrée.
BA 3T5 Steel underrun bar integrated drawbar.

Lg	I/V mini	P max	Kg	Référence *Reference*
662 > 862	30	320	24	2905612



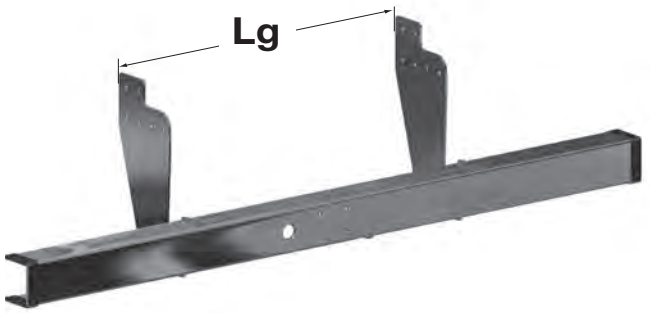


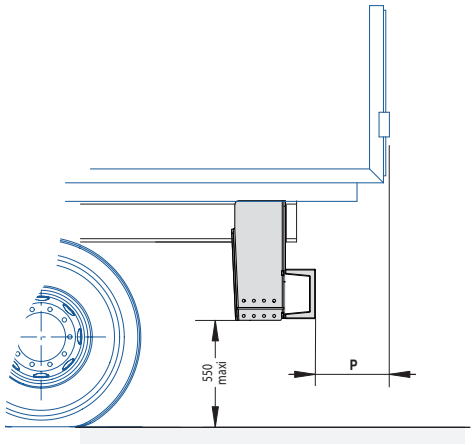


BA ALU /2 3T5 Barre anti-encastrement aluminium porte feux.
BA ALU/2 3T5 Aluminium underrun bar light support integrated.

Lg	I/V mini	A max	P max	Kg	Référence *Reference*
700 > 1320	30	770	380	41	2909422

BAE Fixes / *Fixed URB*

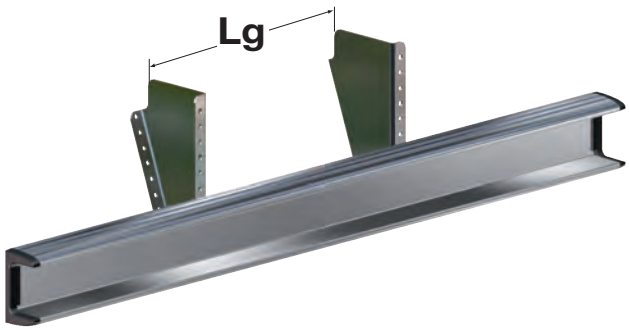


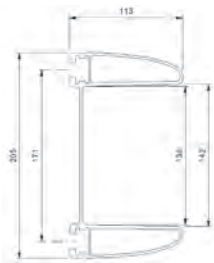


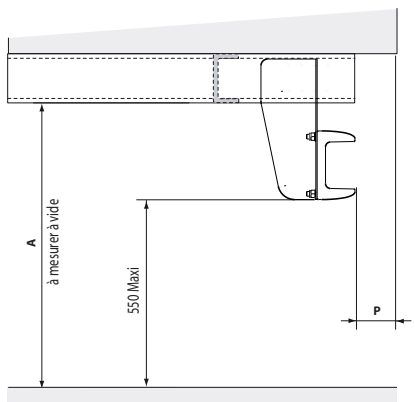
BA 7T5 Barre anti-encastrement acier traverse intégrée.
BA 7T5 Steel underrun bar integrated drawbar.

ECE R 58

Lg	I/V mini	P max	Kg	Référence *Reference*
662 > 862	30	362	34	2903612





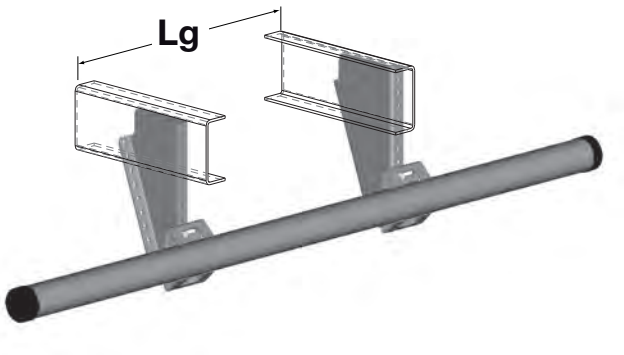


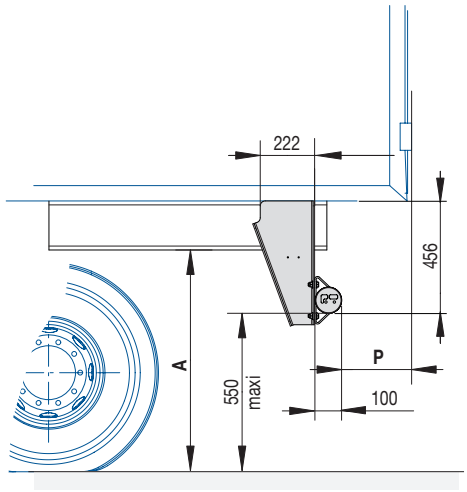
BA ALU /1 7T5 Barre anti-encastrement aluminium porte feux.
BA ALU /1 7T5 Aluminium underrun bar light support integrated.

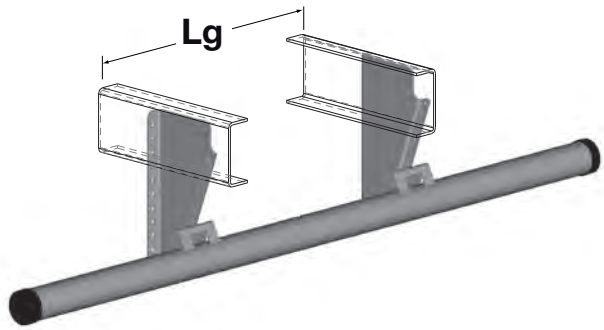
ECE R 58

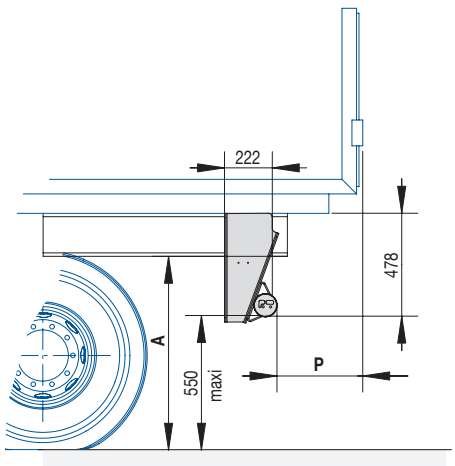
Lg	I/V mini	A max	P max	Kg	Référence *Reference*
700 > 1320	48	770	358	45	2909425

BAE Fixes / *Fixed URB*





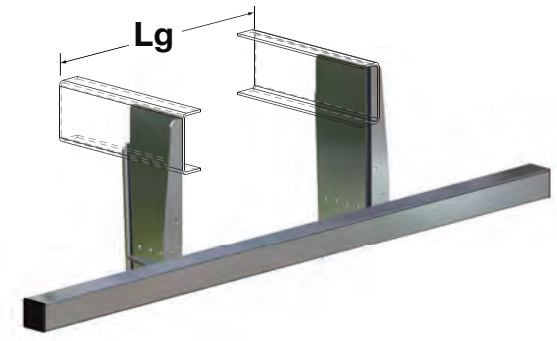


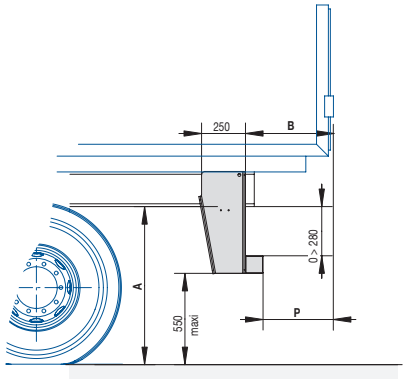


BAEG Barre anti-encastrement profil acier Ø 100.
BAEG Steel profile Ø 100 underrun bar.

Lg	I/V mini	A max	P max	Kg	Référence *Reference*
750 > 900	80	860	363	39	2906406

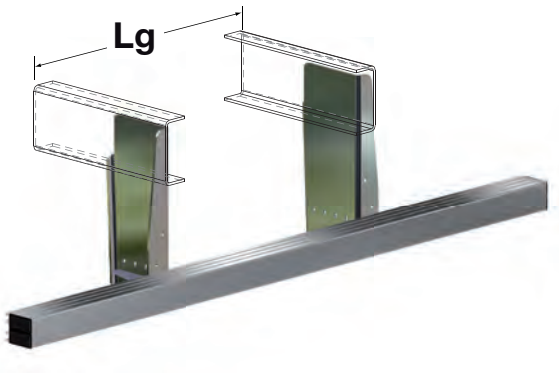
BAE Fixes / *Fixed URB*

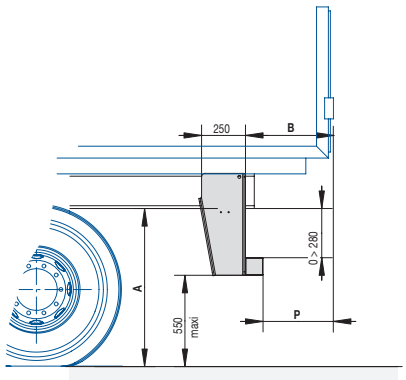




BAP Barre anti-encastrement profil acier carré 100 x 100.
BAP Steel underrun bar square section 100 x 100.

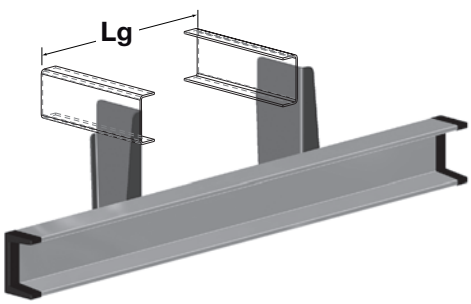
Lg	I/V mini	A max	B max	P max	Kg	Référence *Reference*
700 > 900	160	580 > 950	421	321	61	2909402

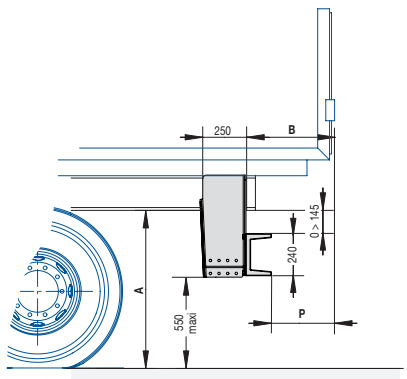




BAP Barre anti-encastrement profil aluminium 120 x H100.
BAP Aluminium profile 120 x H100 underrun bar.

Lg	I/V mini	A max	B max	P max	Kg	Référence *Reference*
700 > 900	160	580 > 950	416	296	49	2909403

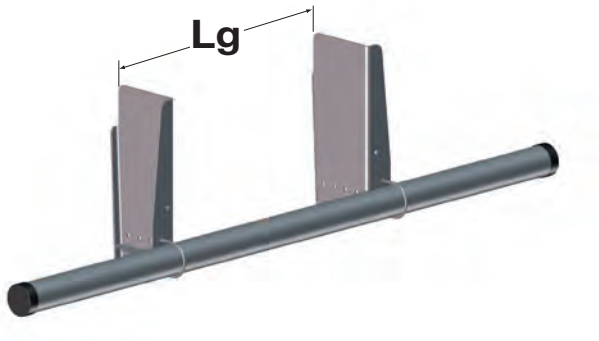


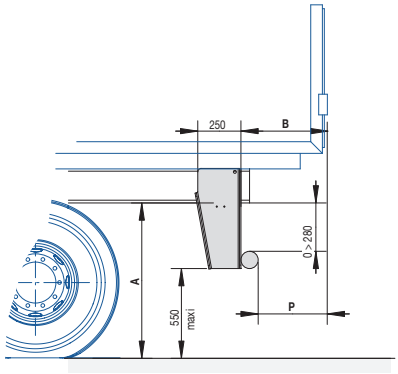


BAP Barre anti-encastrement profil aluminium 145 x H240.
BAP Aluminium profile 145 x H240 underrun bar.

Lg	I/V mini	A max	B max	P max	Kg	Référence *Reference*
700 > 900	160	580 > 880	449	304	49	2909420

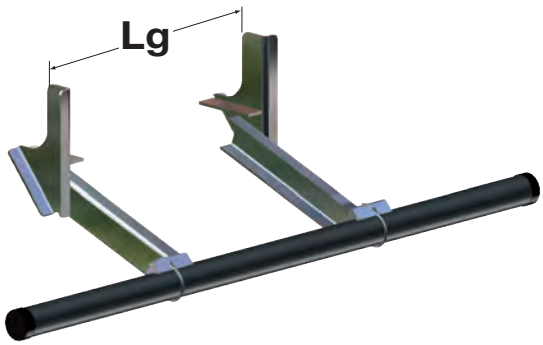
BAE Fixes / *Fixed URB*

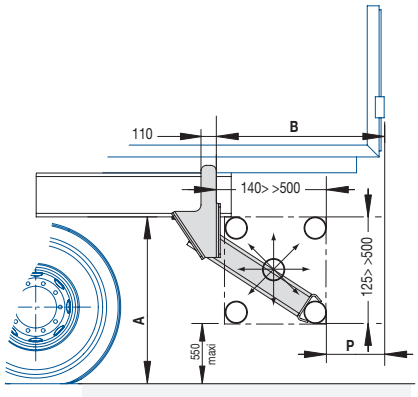




BAP Barre anti-encastrement profil acier Ø 100.
BAP Steel profile Ø 100 underrun bar.

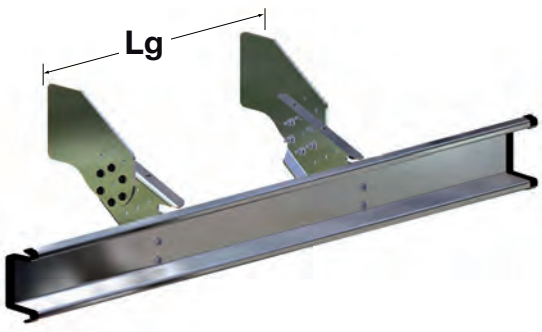
Lg	I/V mini	A max	B max	P max	Kg	Référence *Reference*
700 > 900	160	580 > 950	421	321	60	2909421

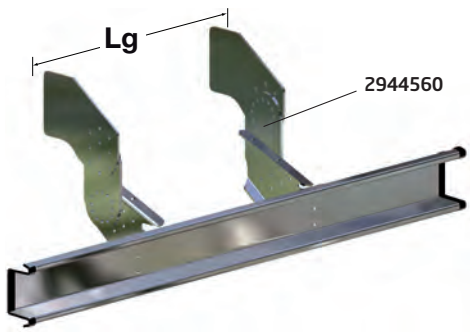


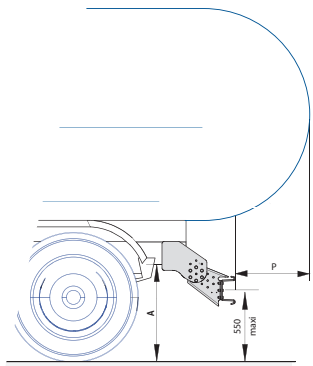


BAI Barre anti-encastrement profil acier Ø 100.
BAI Steel profile Ø 100 underrun bar.

Lg	I/V mini	A max	B max	P max	Kg	Référence *Reference*
750 > 920	160	580 > 916	785	333	63,5	2909404



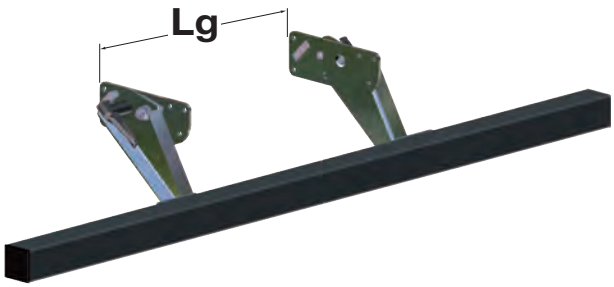


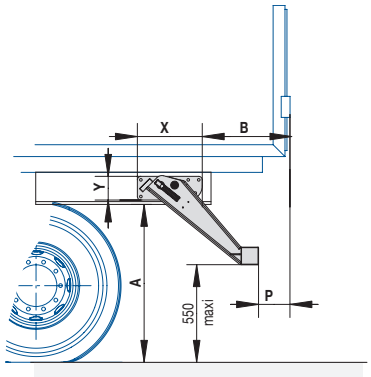


BAV Barre anti-encastrement profil acier inox porte feux 115 x H250.
BAV Stainless steel underrun bar light support integrated 115 x H250.

Lg	I/V mini	A max	B max	P max	Kg	Référence *Reference*
700 > 900	160	800	819	319	64	2909408
700 > 900	160	950	1000	319	74	2909408 + 2944560

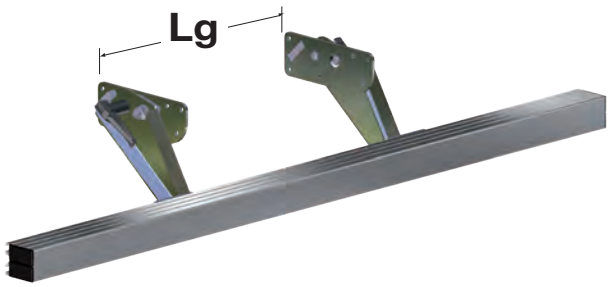
BAE Relevables Manuelles / *Manual elevating URB*

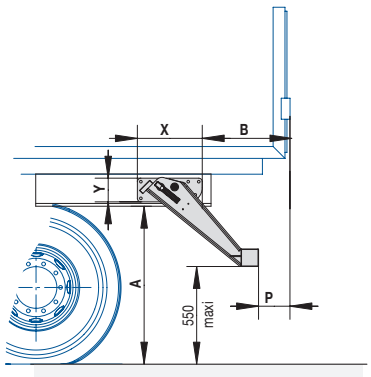




BA Barre anti-encastrement profil acier carré 100 x 100 bras courts.
BA Steel underrun bar square section 100 x 100 short arms.

Lg	I/V mini	A max	B max	P max	X	Y	Kg	Référence *Reference*
750 > 900	160	580 > 680	463	319	370	135	59	2909410

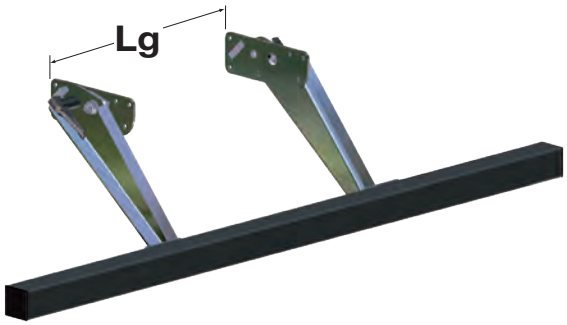


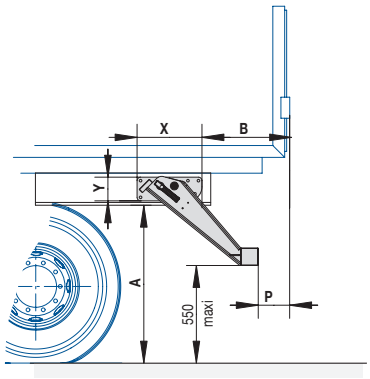


BA Barre anti-encastrement profil aluminium 120 x H100 bras courts.
BA Aluminium profile underrun bar 120 x H100 short arms.

Lg	I/V mini	A max	B max	P max	X	Y	Kg	Référence *Reference*
750 > 900	160	580 > 680	414	251	370	135	47	2909411

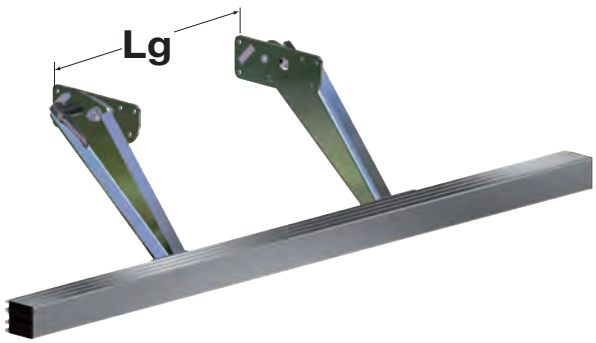
BAE Relevables Manuelles / *Manual elevating URB*

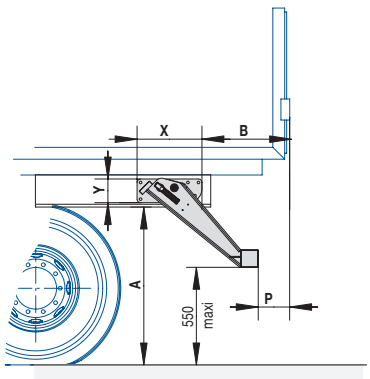




BA Barre anti-encastrement profil acier carré 100 x 100 bras longs.
BA Steel underrun bar square section 100 x 100 long arms.

Lg	I/V mini	A max	B max	P max	X	Y	Kg	Référence *Reference*
750 > 900	160	680 > 870	648	319	370	135	66	2909412

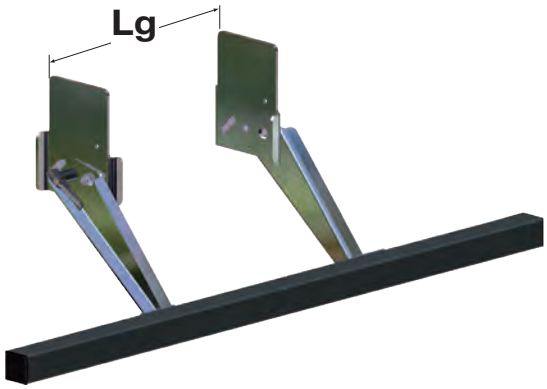


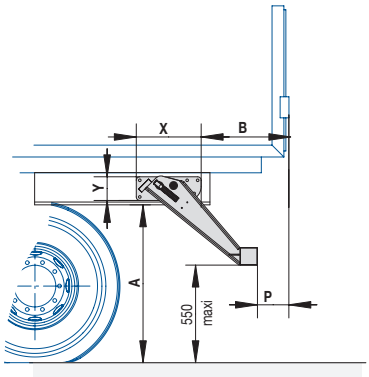


BA Barre anti-encastrement profil aluminium 120 x H100 bras longs.
BA Aluminium profile underrun bar 120 x H100 long arms.

Lg	I/V mini	A max	B max	P max	X	Y	Kg	Référence *Reference*
750 > 900	160	680 > 870	600	251	370	135	54	2909413

BAE Relevables Manuelles / *Manual elevating URB*

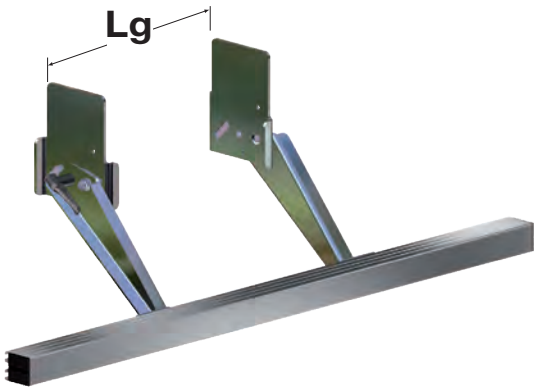


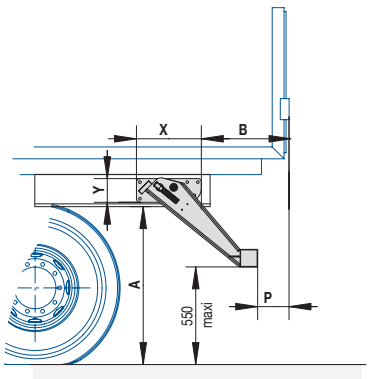


BA Barre anti-encastrement profil acier carré 100 x 100 bras longs.
BA Steel underrun bar square section 100 x 100 long arms.

ECE R 58

Lg	I/V mini	A max	B max	P max	X	Y	Kg	Référence *Reference*
750 > 900	160	870 > 1070	748	319	318	395	81	2909414



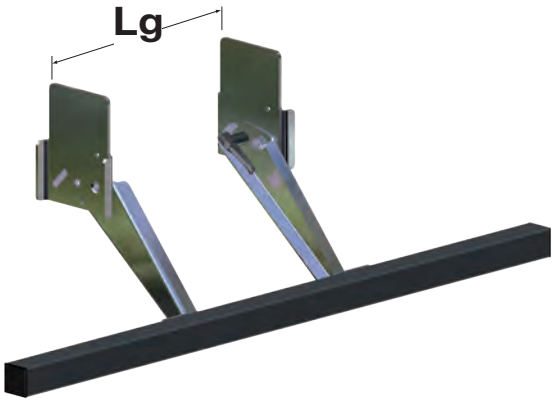


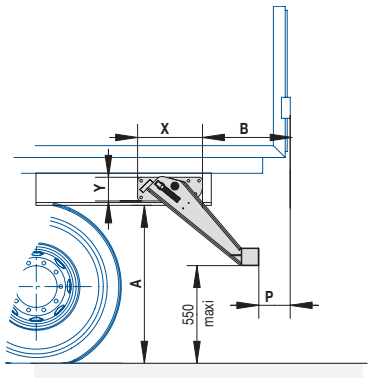
BA Barre anti-encastrement profil aluminium 120 x H100 bras longs.
BA Aluminium profile underrun bar 120 x H100 long arms.

ECE R 58

Lg	I/V mini	A max	B max	P max	X	Y	Kg	Référence *Reference*
750 > 900	160	870 > 1070	700	251	318	395	69	2909415

BAE Relevables Manuelles / *Manual elevating URB*

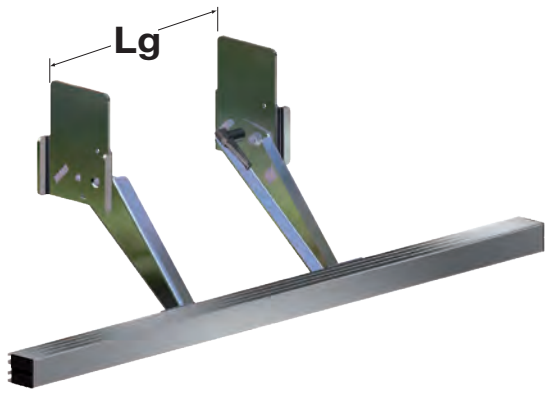


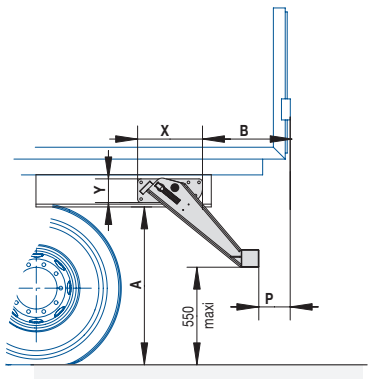


BA Barre anti-encastrement profil acier carré 100 x 100 bras longs.
BA Steel underrun bar square section 100 x 100 long arms.

ECE R 58

Lg	I/V mini	A max	B max	P max	X	Y	Kg	Référence *Reference*
750 > 900	160	870 > 1070	748	282	318	395	82	2909416



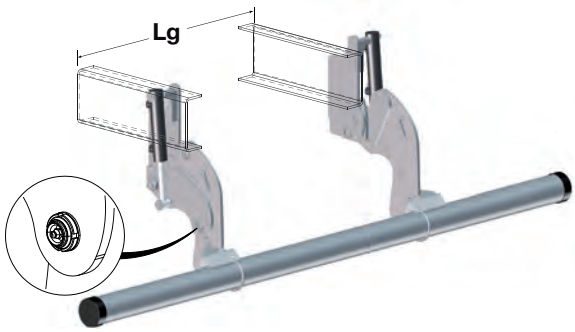


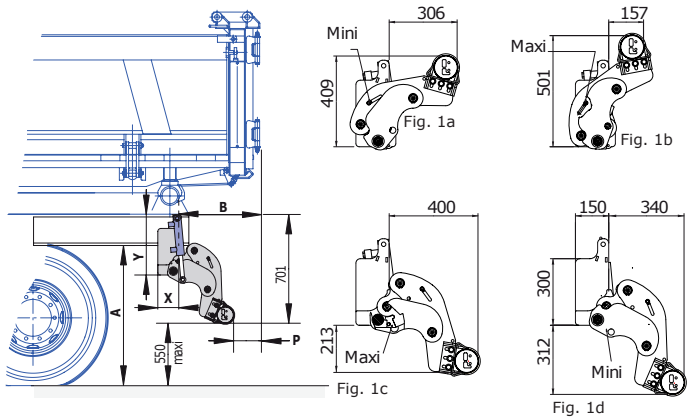
BA Barre anti-encastrement profil aluminium 120 x H100 bras longs.
BA Aluminium profile underrun bar 120 x H100 long arms.

ECE R 58

Lg	I/V mini	A max	B max	P max	X	Y	Kg	Référence *Reference*
750 > 900	160	870 > 1070	700	251	318	395	70	2909417

BAE Relevable Hydraulique / *Hydraulic elevating URB*

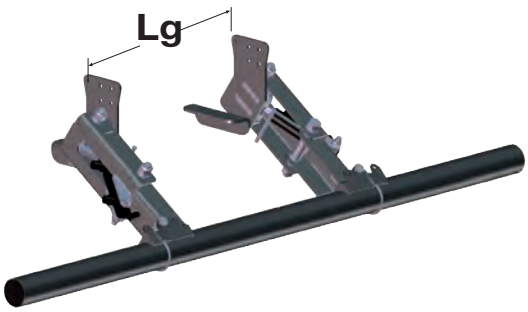


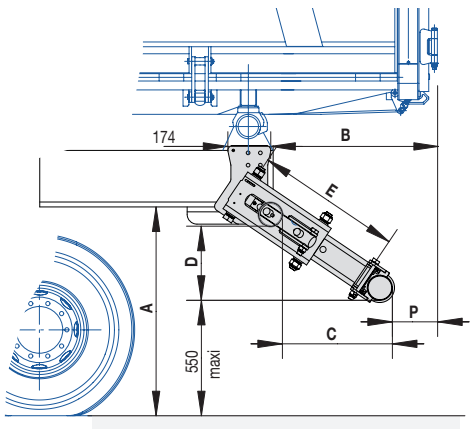


HIDDEN-UP Barre anti-encastrement tube acier Ø 100.
HIDDEN-UP Steel profile Ø 100 underrun bar.

Lg	I/V mini	A max	B max	P max	X	Y	Kg	Référence *Reference*	Fig.
750 > 900	160	-	-	-	150	300	98	2909450	1a
750 > 900	160	-	-	-	150	300	98	2909450	1b
750 > 900	160	850	737	337	150	300	98	2909450	1c
750 > 900	160	950	677	337	150	300	98	2909450	1d

BAE Rétractable Inclinée / *Angle retractable URB*

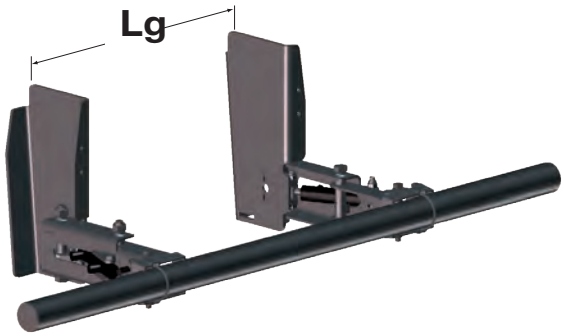


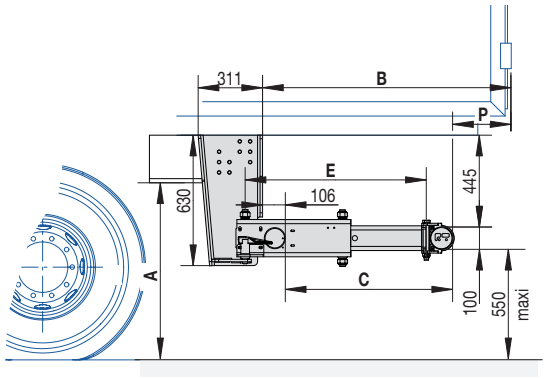


BAB Barre anti-encastrement tube acier Ø 100.
BAB Steel profile Ø 100 underrun bar.

Lg	I/V mini	A max	B max	P max	C	D	E	Type *Type*	Kg	Référence *Reference*
750 > 900	160	996	807	328	371	150	465	Manuelle *Manual*	98	2909437
750 > 900	160	996	807	328	371	150	465	Hydraulique *Hydraulic*	98	2911437
750 > 900	160	1000	927	328	491	199	595	Manuelle *Manual*	98	2909435
750 > 900	160	1000	927	328	491	199	595	Hydraulique *Hydraulic*	98	2911435

BAE Rétractable Horizontale / *Horizontal retractable URB*



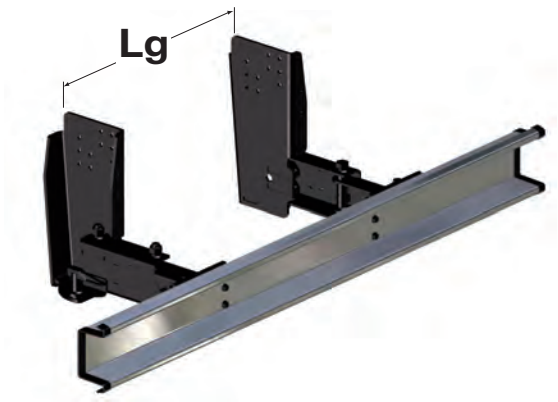


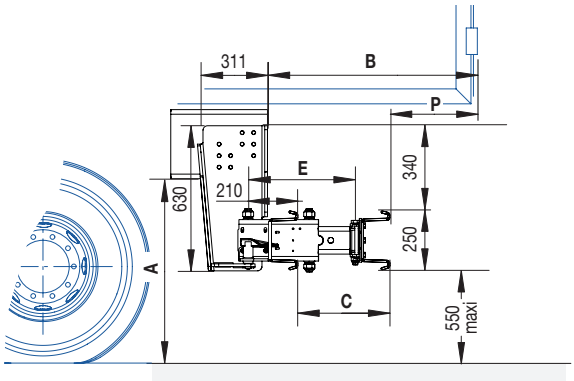
BAB Barre anti-encastrement tube acier Ø 100.
BAB Steel profile Ø 100 underrun bar.

ECE R58

Lg	I/V mini	A max	B max	P max	C	E	Type *Type*	Kg	Référence *Reference*
750 > 900	160	880	880	328	400	465	Manuelle *Manual*	133	2909432
750 > 900	160	880	834	328	400	465	Hydraulique *Hydraulic*	133	2911432
750 > 900	160	880	964	328	530	595	Manuelle *Manual*	141	2909431
750 > 900	160	880	964	328	530	595	Hydraulique *Hydraulic*	141	2911431
750 > 900	160	880	880	328	810	875	Manuelle *Manual*	149	2909433
750 > 900	160	880	1244	328	810	875	Hydraulique *Hydraulic*	149	2911433
750 > 900	160	880	1524	328	1090	1155	Manuelle *Manual*	160	2909430
750 > 900	160	880	1524	328	1090	1155	Hydraulique *Hydraulic*	160	2911430
750 > 900	160	880	1654	328	1220	1285	Hydraulique *Hydraulic*	173	2911434

BAE Rétractable Horizontale / *Horizontal retractable URB*



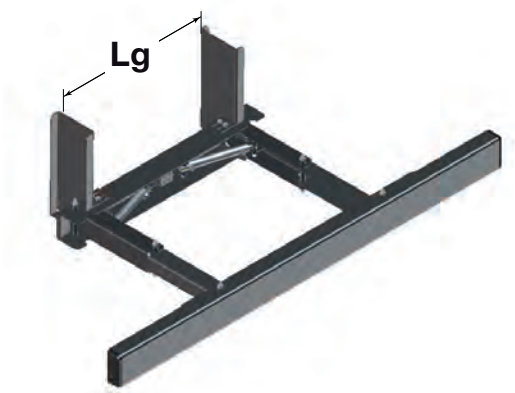


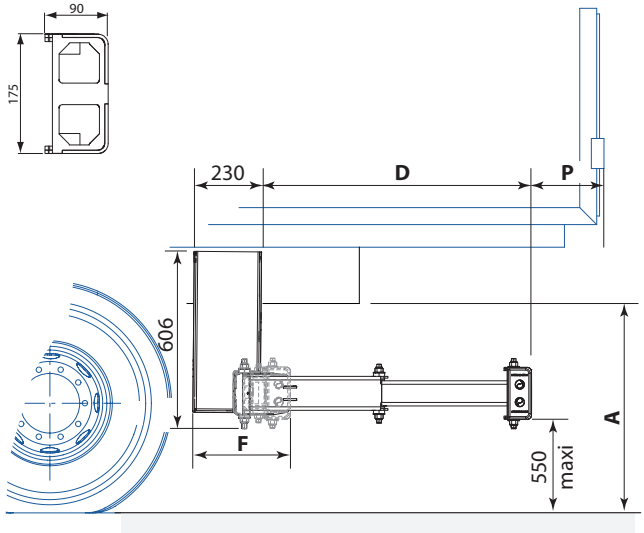
BAB Barre anti-encastrement profil inox.
BAV Stainless steel profile underrun bar.

ECE R 58

Lg	I/V mini	A max	B max	P max	C	E	Type *Type*	Kg	Référence *Reference*
750 > 900	160	880	867	319	548	465	Manuelle *Manual*	135	2912432
750 > 900	160	880	867	319	548	465	Hydraulique *Hydraulic*	135	2912432HY
750 > 900	160	880	977	319	658	595	Manuelle *Manual*	143	2912431
750 > 900	160	880	977	319	658	595	Hydraulique *Hydraulic*	143	2912431HY
750 > 900	160	880	1257	319	938	875	Manuelle *Manual*	151	2912433
750 > 900	160	880	1257	319	938	875	Hydraulique *Hydraulic*	151	2912433HY
750 > 900	160	880	1537	319	1218	1155	Manuelle *Manual*	162	2912430
750 > 900	160	880	1537	319	1218	1155	Hydraulique *Hydraulic*	162	2912430HY
750 > 900	160	880	1666	319	1347	1285	Hydraulique *Hydraulic*	175	2912434HY

BAE Rétractable Horizontale / *Horizontal retractable URB*





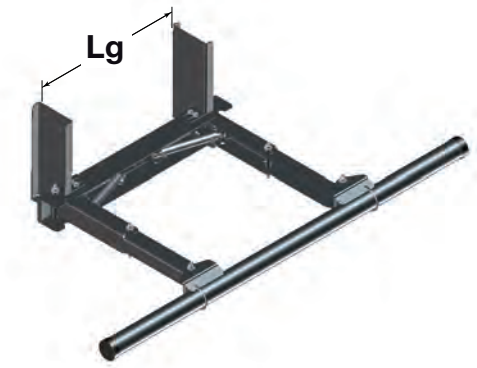
XPAND

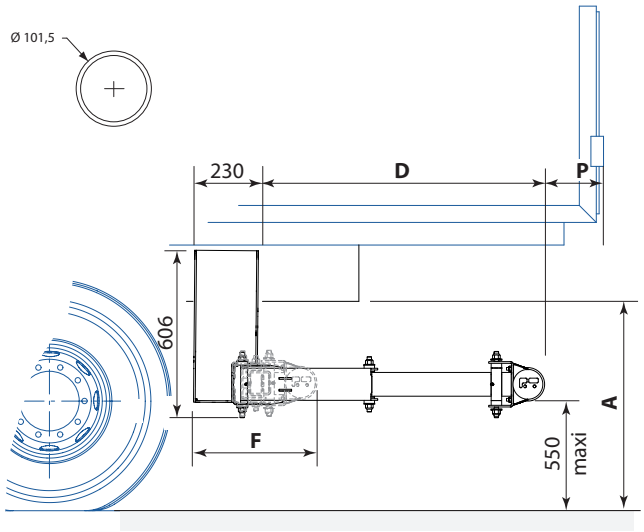
BAE rétractable avec pare-choc mécano-soudé en acier. BAE hydraulique rétractable. Finition cataphorèse. Livrée pré-assemblée avec valve de pilotage. Le pare-choc mécano-soudé (en forme de «U») permet la pose de plaque réfléchissante et propose un encombrement minimum.

Retractable underrun bar with a fabricated U profile in steel. Retractable hydraulic URB. KTL finishing. Delivered assembled with Hydraulic. The fabricated U profile is the solution for the lowest volume. It is possible to fix reflective plates on the profile.

Lg	I/V mini	A max	P max	C	D	F	Type *Type*	Kg	Référence *Reference*
750 > 900	160	905	358	405	506	331	Sans détecteur *Without sensor*	111	2920432
750 > 900	160	905	358	405	506	331	Avec détecteur *With sensor*	111	2920432DM
750 > 900	160	905	358	555	656	331	Sans détecteur *Without sensor*	115	2920431
750 > 900	160	905	358	555	656	331	Avec détecteur *With sensor*	115	2920431DM
750 > 900	160	905	358	825	926	331	Sans détecteur *Without sensor*	122	2920433
750 > 900	160	905	358	825	926	331	Avec détecteur *With sensor*	122	2920433DM
750 > 900	160	905	358	1105	1206	331	Sans détecteur *Without sensor*	129	2920430
750 > 900	160	905	358	1105	1206	331	Avec détecteur *With sensor*	129	2920430DM

BAE Rétractable Horizontale / *Horizontal retractable URB*





XPAND

BAE rétractable avec pare-choc tube rond. BAE hydraulique rétractable. Finition cataphorèse. Livrée pré-assemblée avec valve de pilotage. Le pare-choc rond évite la rétention de sable ou gravats.
Retractable underrun bar with a round profi le in steel. Retractable hydraulic URB. KTL finishing. Delivered assembled with dual valve. The round steel profile avoid rubble and sand retention.

ECE R 58

Lg	I/V mini	A max	P max	C	D	F	Type *Type*	Kg	Référence *Reference*
750 > 900	160	905	345	402	607	435	Sans détecteur *Without sensor*	107	2920532
750 > 900	160	905	345	402	607	435	Avec détecteur *With sensor*	107	2920532DM
750 > 900	160	905	345	552	757	435	Sans détecteur *Without sensor*	111	2920531
750 > 900	160	905	345	552	757	435	Avec détecteur *With sensor*	111	2920531DM
750 > 900	160	905	345	822	1027	435	Sans détecteur *Without sensor*	118	2920533
750 > 900	160	905	345	822	1027	435	Avec détecteur *With sensor*	118	2920533DM
750 > 900	160	905	345	1106	1311	435	Sans détecteur *Without sensor*	125	2920530
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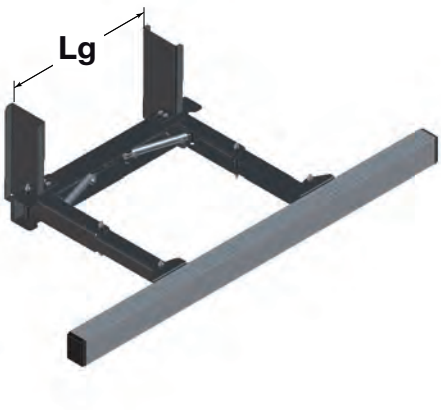
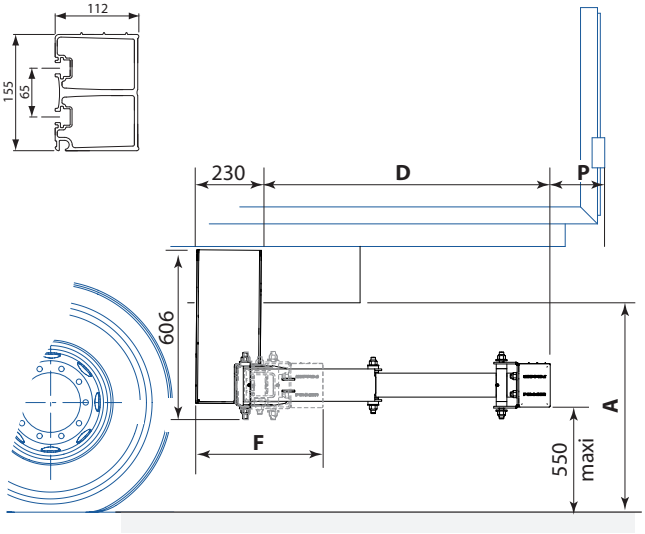
BAE Rétractable Horizontale / *Horizontal retractable URB*





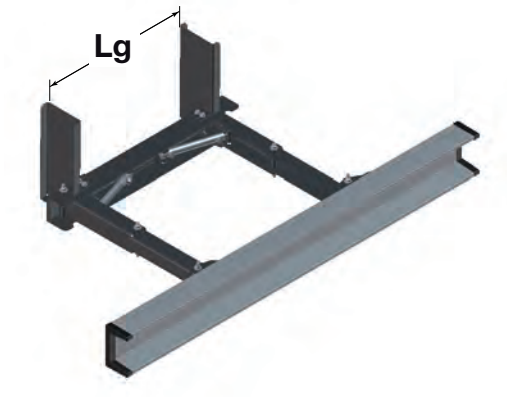
XPAND

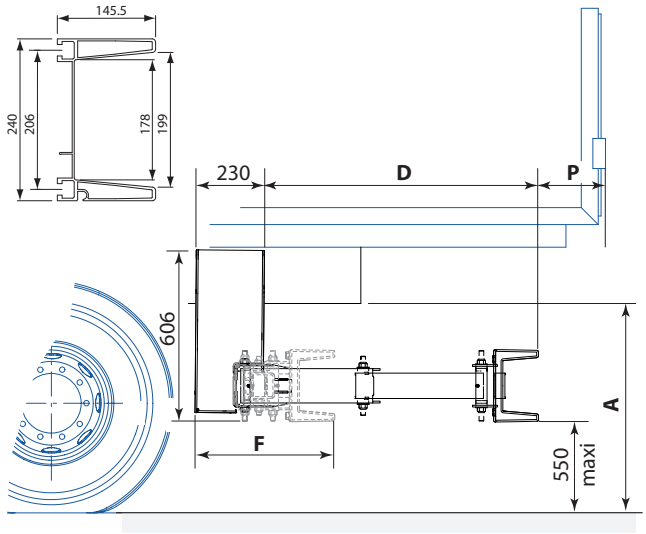
BAE rétractable avec pare-choc rectangulaire en aluminium. BAE hydraulique rétractable. Finition cataphorèse et pare-choc en aluminium anodisé. Livrée pré-assemblée avec valve de pilotage. Le pare-choc rectangulaire en aluminium permet la pose de plaques réfléchissantes.

Retractable underrun bar with a rectangular aluminium profile. Retractable hydraulic URB. KTL finishing and anodised alu for the profile. Delivered assembled with Hydraulic. The rectangular aluminium profile is a light solution admitting reflective plates.

Lg	I/V mini	A max	P max	C	D	F	Type *Type*	Kg	Référence *Reference*
750 > 900	160	905	327	404	619	327	Sans détecteur *Without sensor*	97	2920232
750 > 900	160	905	327	404	619	327	Avec détecteur *With sensor*	97	2920232DM
750 > 900	160	905	327	554	769	327	Sans détecteur *Without sensor*	101	2920231
750 > 900	160	905	327	554	769	327	Avec détecteur *With sensor*	101	2920231DM
750 > 900	160	905	327	824	1039	327	Sans détecteur *Without sensor*	108	2920233
750 > 900	160	905	327	824	1039	327	Avec détecteur *With sensor*	108	2920233DM
750 > 900	160	905	327	1105	1320	327	Sans détecteur *Without sensor*	115	2920230
750 > 900	160	905	327	1105	1320	327	Avec détecteur *With sensor*	115	2920230DM

BAE Rétractable Horizontale / *Horizontal retractable URB*





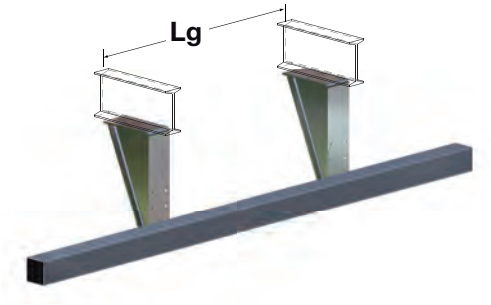
XPAND

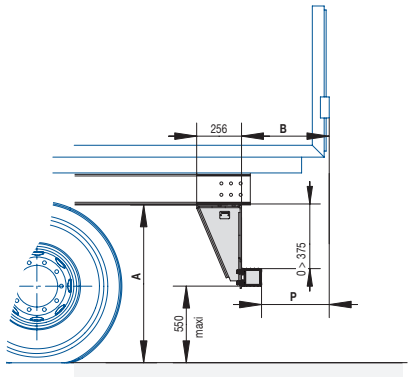
Barre anti-encastrement rétractable avec pare-choc porte-feux en aluminium. BAE hydraulique rétractable. Finition cataphorèse et pare-choc en aluminium anodisé. Livrée pré-assemblée avec valve de pilotage. Le pare-choc porte-feux permet de fixer et protéger des feux de signalisation.

Retractable underrun bar with an aluminium light mounting profile. Retractable hydraulic URB. KTL finishing and anodised alu for the profile. Delivered assembled with Hydraulic. The aluminium light mounting profile is a light solution admitting traffic light.

Lg	I/V mini	A max	P max	C	D	F	Type *Type*	Kg	Référence *Reference*
750 > 900	160	905	345	405	655	345	Sans détecteur *Without sensor*	97	2920132
750 > 900	160	905	345	405	655	345	Avec détecteur *With sensor*	97	2920132DM
750 > 900	160	905	345	555	805	345	Sans détecteur *Without sensor*	101	2920131
750 > 900	160	905	345	555	805	345	Avec détecteur *With sensor*	101	2920131DM
750 > 900	160	905	345	825	1075	345	Sans détecteur *Without sensor*	108	2920133
750 > 900	160	905	345	825	1075	345	Avec détecteur *With sensor*	108	2920133DM
750 > 900	160	905	345	1105	1355	345	Sans détecteur *Without sensor*	115	2920130
750 > 900	160	905	345	1105	1355	345	Avec détecteur *With sensor*	115	2920130DM

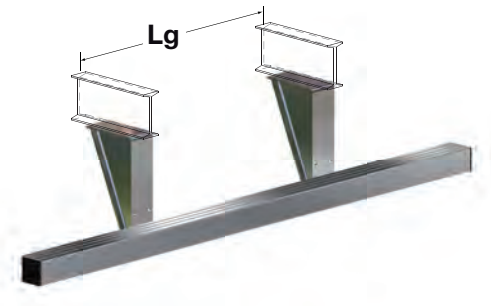
BAE Fixe / *Fixed URB*

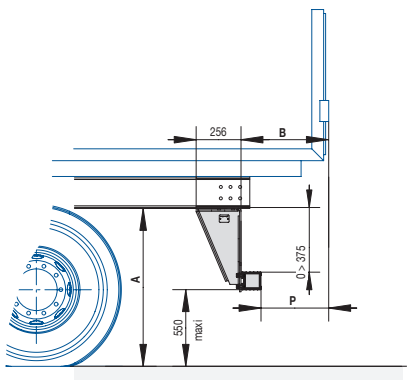




BAF Barre anti-encastrement profil acier carré 100 x 100.
BAF Steel underrun bar square section 100 x 100.

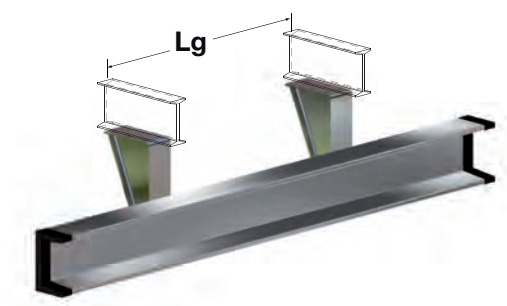
Lg	I/V mini	A max	B max	P max	Kg	Référence *Reference*
860 > 1360	160	700 > 975	417	317	55	2909400

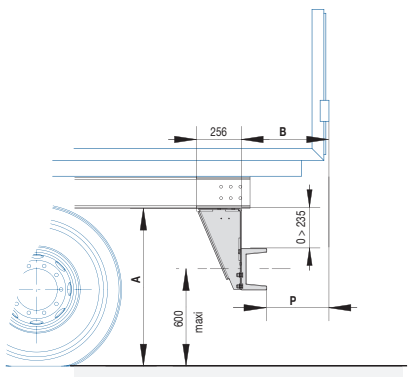




BAF Barre anti-encastrement profil aluminium 120 x H100.
BAF Aluminium profile underrun bar 120 x H100.

Lg	I/V mini	A max	B max	P max	Kg	Référence *Reference*
860 > 1360	160	700 > 975	285	351	43	2909401

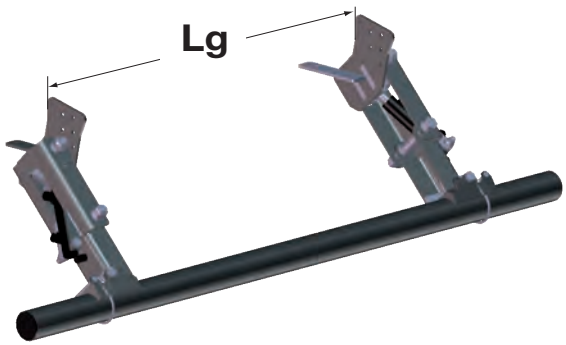


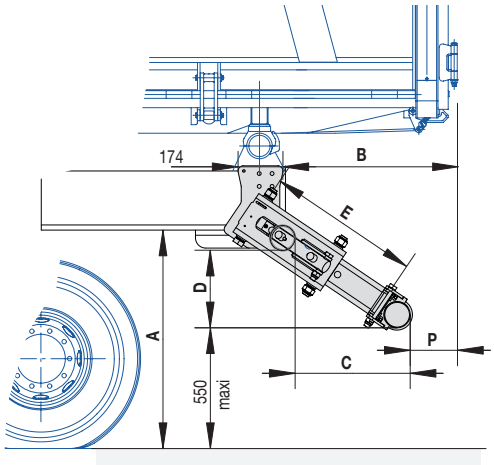


BAF Barre anti-encastrement profil aluminium porte feux 145 x H240.
BAF Aluminium underrun bar light support 145 x H240.

Lg	I/V mini	A max	B max	P max	Kg	Référence *Reference*
860 > 1360	160	700 > 975	505	360	49	2909409

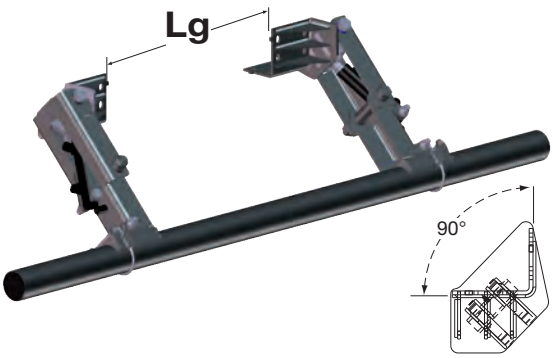
BAE Rétractables Inclinées / *Angle retractable URB*

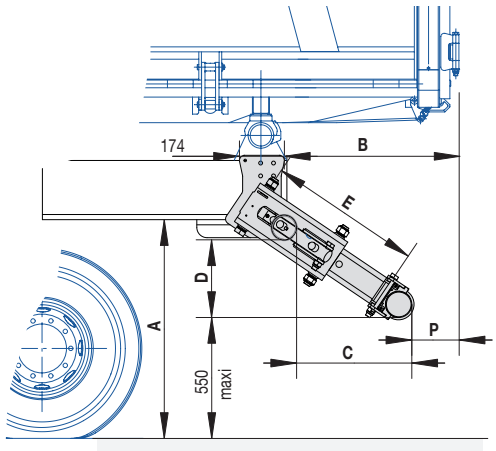




BAES Barre anti-encastrement tube acier Ø 100 fixation latérale, orientable de 22° à 46°.
BAES Steel profile Ø 100 underrun bar, lateral fixation, orientable from 22° to 46°.

Lg	I/V mini	A max	B max	C max	D max	E	P max	Type *Type*	Kg	Référence *Reference*
1100 > 1480	160	996	767	371	288	465	288	Manuelle *Manual*	100	2908447
1100 > 1480	160	996	767	371	288	465	288	Hydraulique *Hydraulic*	100	2911447

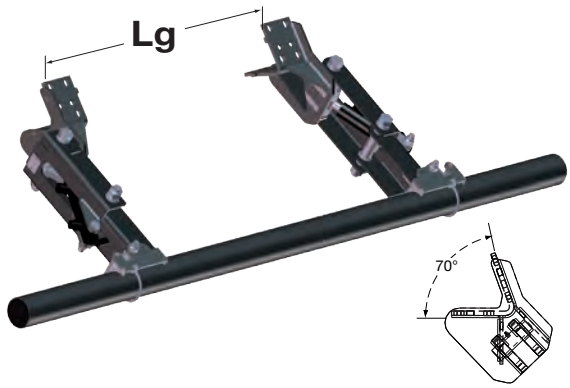


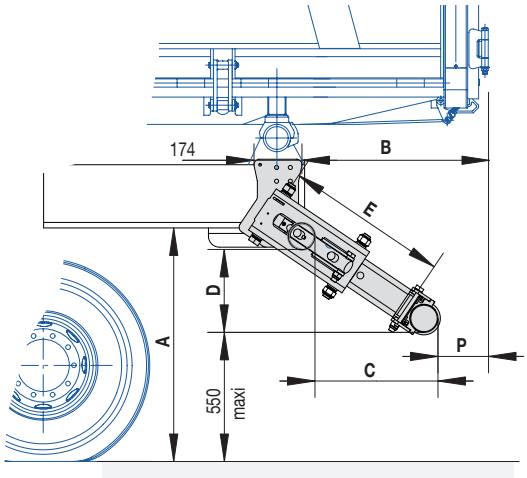


BAES Barre anti-encastrement tube acier Ø 100 fixation fin de châssis incliné à 90°.
BAES Steel profile Ø 100 underrun bar, fixation at the end of 90° tilted frame.

Lg	I/V mini	A max	B max	C max	D max	E	P max	Type *Type*	Kg	Référence *Reference*
1100 > 1480	160	905	660	372	287	465	288	Manuelle *Manual*	110	2908448
1100 > 1480	160	905	660	372	287	465	288	Hydraulique *Hydraulic*	110	2911448

BAE Rétractables Inclinées / *Angle retractable URB*





ECE R58

BAES Barre anti-encastrement tube acier Ø 100 fixation fin de châssis incliné à 70°.
BAES Steel profile Ø 100 underrun bar, fixation at the end of 70° tilted frame.

Lg	I/V mini	A max	B max	C max	D max	E	P max	Type *Type*	Kg	Référence *Reference*
1100 > 1480	160	1066	659	371	289	465	288	Manuelle *Manual*	100	2908449
1100 > 1480	160	1066	659	371	289	465	288	Hydraulique *Hydraulic*	100	2911449

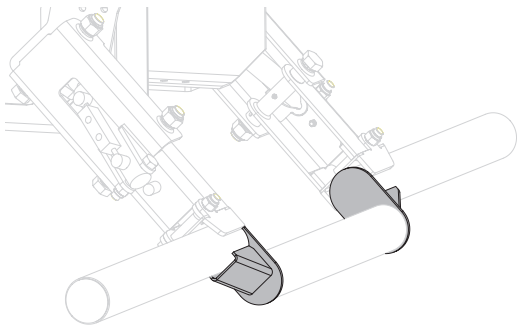
Accessoires pour BAE / *Accessories for URB*

Kit de visualisation cabine pour HiddenUp. (capteurs de position de barre inclus).
HiddenUp Cabin display kit. (bar position sensors included).

Référence *Reference*	Kg
2906451	1

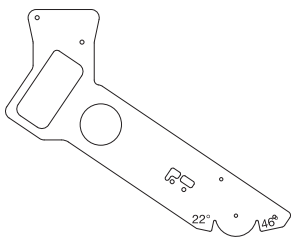
Kit de visualisation cabine pour BAB. (capteurs de position de barre inclus).
BAB Cabin display kit. (bar position sensors included).

Référence *Reference*	Kg
2906439	1



Kit d'adaptation pour tube rond.
Adaptation kit for round bar.

Référence *Reference*	Kg
2944259	4



Gabarit de pose pour BAE rétractable inclinée pour PORTEUR.
Gauge of assembly for Angle retractable URB for TRUCK.

Référence *Reference*	Kg
2944261	3

Pompe hydraulique autonome. (commande incluse).
Hydraulic autnomous pump. (command included).

Référence *Reference*	Kg	V
2944538	8	24 V
2944557	8	12 V

MEMO

Une gamme complète de Protections Latérales,
pour les VUL, VI, R & SR, et tout type de carrosserie sec, frigo, benne, citerne...
A complete range of Side Guards,
for LCV, VI, R & SR, and any type of dry body, fridge, tipper, tank...

- **Simplicité de montage**
- **Polyvalence et Robustesse**
- **Design Harmonieux**

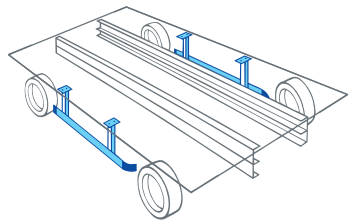
- *Easy assembly*
- *Versatility and Robustness*
- *Harmonious design*

En choisissant les 4 éléments constitutifs d'une Protection Latérale Pommier, vous disposez d'un ensemble homologué R73 (Type PCP si fixation sous plancher, type PCB si fixation sur faux châssis).
By choosing the 4 components of a POMMIER Side Protection, you have a R73 approved set (PCP Type if fixing under floor, PCB type if fixing on false chassis).

01 SUPPORT *SUPPORT* > **02** PROFIL *PROFILE* > **03** FIXATION *FIXATION* > **04** EMBOUTS *END CAPS*

Protections latérales pour VUL / *Side guards for LCV*

Protections latérales à supports fixes, sous plancher.
Side protections with fixed supports, underfloor.



01 SUPPORT

3110470

02 PROFIL

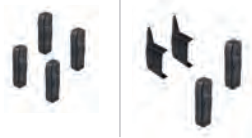
L (mm)	Alu *Alu* Référence *Reference*	Acier *Steel* Référence *Reference*
3,0	3120280AN	
3,2	3120281AN	3120276
5,0	3120282 3120282AN	3120277
7,0	3120284AN	3120278

03 FIXATION

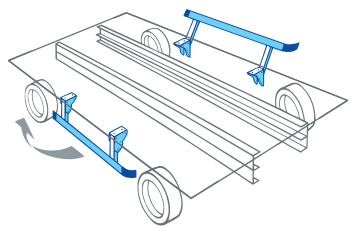
Profils alu *Alu profiles*	Profils acier *Steel profiles*
3110403	3110177K
1636733VI	

04 EMBOUTS

Carrosserie alignée *Inline bodywork*	Carrosserie débordante *Overflowing bodywork*
3120286KS	3120288KS



Protections latérales à supports articulés, sous plancher.
Lateral protections with articulated supports, under floor.



01 SUPPORT

3110471

02 PROFIL

L (mm)	Alu *Alu* Référence *Reference*	Acier *Steel* Référence *Reference*
3,0	3120280AN	
3,2	3120281AN	3120276
5,0	3120282 3120282AN	3120277
7,0	3120284AN	3120278

03 FIXATION

Profils alu *Alu profiles*	Profils acier *Steel profiles*
3110403	3110177K
1636733VI	

04 EMBOUTS

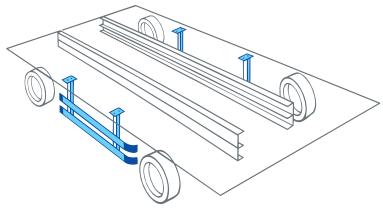
Carrosserie alignée *Inline bodywork*	Carrosserie débordante *Overflowing bodywork*
3120286KS	3120288KS

Protections latérales pour VI / *Side guards for VI*

POMMIER

Protections latérales à supports fixes, sous plancher.
Side protections with fixed supports, underfloor.

TYPE PCP R73 N°01 12185



01 SUPPORT

3110175GA

02 PROFIL

L (mm)	Alu *Alu* Référence *Reference*	Acier *Steel* Référence *Reference*
3,0	3120280AN	
3,2	3120281AN	3120276
5,0	3120282 3120282AN	3120277
7,0	3120284AN	3120278

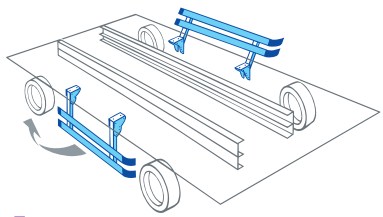
03 FIXATION

Profils alu *Alu profiles*	Profils acier *Steel profiles*
3110403	3110177K
1636733VI	

04 EMBOUTS

Carrosserie alignée *Inline bodywork*	Carrosserie débordante *Overflowing bodywork*
3120286KD	3120288KD

TYPE PCP R73 N°01 12185



Protections latérales à supports articulés, sous plancher.
Lateral protections with articulated supports, under floor.

01 SUPPORT

3110423GA

02 PROFIL

L (mm)	Alu *Alu* Référence *Reference*	Acier *Steel* Référence *Reference*
3,0	3120280AN	
3,2	3120281AN	3120276
5,0	3120282 3120282AN	3120277
7,0	3120284AN	3120278

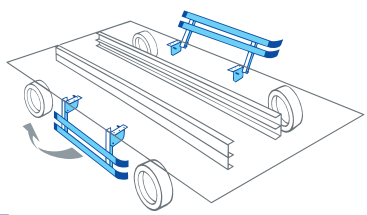
03 FIXATION

Profils alu *Alu profiles*	Profils acier *Steel profiles*
3110403	3110177K
1636733VI	

04 EMBOUTS

Carrosserie alignée *Inline bodywork*	Carrosserie débordante *Overflowing bodywork*
3120286KD	3120288KD

TYPE PCP R73 N°01 12185



Protections latérales à supports articulés verrouillables automatiquement, sous plancher.
Lateral protections with articulated supports automatically lockable, under floor.

01 SUPPORT

3110178

02 PROFIL

L (mm)	Alu *Alu* Référence *Reference*	Acier *Steel* Référence *Reference*
3,0	3120280AN	
3,2	3120281AN	3120276
5,0	3120282 3120282AN	3120277
7,0	3120284AN	3120278

03 FIXATION

Profils alu *Alu profiles*	Profils acier *Steel profiles*
3110403	3110177K
1636733VI	

04 EMBOUTS

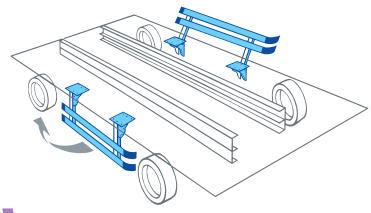
Carrosserie alignée *Inline bodywork*	Carrosserie débordante *Overflowing bodywork*
3120286KD	3120288KD

Protections latérales pour VI / *Side guards for VI*

POMMIER

Protections latérales à supports articulés, sous plancher. Spécial frigo.
Side protections with articulated supports, under floor. Special fridge.

TYPE PCP R73 N°01 12185



01 SUPPORT

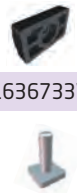
3110180GA

02 PROFIL

L (mm)	Alu *Alu* Référence *Reference*
3,0	3120280AN
3,2	3120281AN
5,0	3120282 3120282AN
7,0	3120284AN

03 FIXATION

Profils alu *Alu profiles*	Profils acier *Steel profiles*
3110403	3110177K
1636733VI	

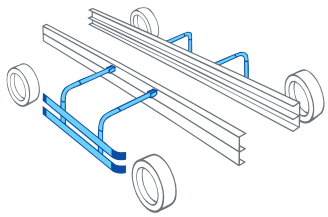


04 EMBOUTS

Carrosserie alignée *Inline bodywork*	Carrosserie débordante *Overflowing bodywork*
3120286KD	3120288KD

Protections latérales à supports fixes, sur faux châssis. Spécial bennes et citernes.
Lateral protections with fixed supports, on false chassis. Special skips and tanks.

TYPE PCB R73 N°01 12139



01 SUPPORT

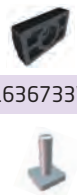
3109056KSB
3109056KSG

02 PROFIL

L (mm)	Alu *Alu* Référence *Reference*	Acier *Steel* Référence *Reference*
3,0	3120280AN	
3,2	3120281AN	3120276
5,0	3120282 3120282AN	3120277
7,0	3120284AN	3120278

03 FIXATION

Profils alu *Alu profiles*	Profils acier *Steel profiles*
3110403	3110177K
1636733VI	

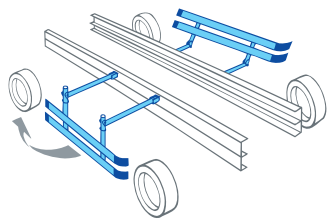


04 EMBOUTS

Carrosserie alignée *Inline bodywork*	Carrosserie débordante *Overflowing bodywork*
3120286KD	3120288KD

Protections latérales à supports articulés, sur faux châssis. Spécial bennes et citernes.
Lateral protections with articulated supports, on false chassis. Special skips and tanks.

TYPE PCB R73 N°01 12139



01 SUPPORT

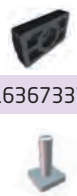
3109060KSB
3109060KSG

02 PROFIL

L (mm)	Alu *Alu* Référence *Reference*	Acier *Steel* Référence *Reference*
3,0	3120280AN	
3,2	3120281AN	3120276
5,0	3120282 3120282AN	3120277
7,0	3120284AN	3120278

03 FIXATION

Profils alu *Alu profiles*	Profils acier *Steel profiles*
3110403	3110177K
1636733VI	

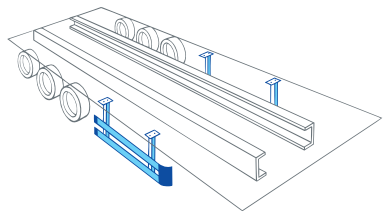


04 EMBOUTS

Carrosserie alignée *Inline bodywork*	Carrosserie débordante *Overflowing bodywork*
3120286KD	3120288KD

Protections latérales pour R & SR / *Side guards for R & SR*

TYPE PCP R73 N°01 12185



Protections latérales à supports fixes, sous plancher.
Side protections with fixed supports, underfloor.

01 SUPPORT

3110175GA

02 PROFIL

L (mm)	Alu *Alu* Référence *Reference*	Acier *Steel* Référence *Reference*
3,0	3120280AN	
3,2	3120281AN	3120276
5,0	3120282 3120282AN	3120277
7,0	3120284AN	3120278

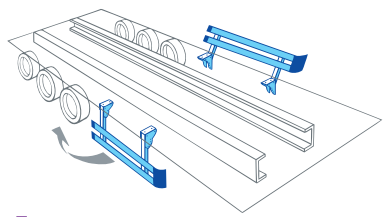
03 FIXATION

Profils alu *Alu profiles*	Profils acier *Steel profiles*
3110403	3110177K
1636733VI	

04 EMBOUTS

3120290KD

TYPE PCP R73 N°01 12185



Protections latérales à supports articulés, sous plancher.
Lateral protections with articulated supports, under floor.

01 SUPPORT

3110423GA

02 PROFIL

L (mm)	Alu *Alu* Référence *Reference*	Acier *Steel* Référence *Reference*
3,0	3120280AN	
3,2	3120281AN	3120276
5,0	3120282 3120282AN	3120277
7,0	3120284AN	3120278

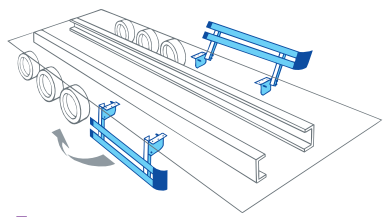
03 FIXATION

Profils alu *Alu profiles*	Profils acier *Steel profiles*
3110403	3110177K
1636733VI	

04 EMBOUTS

3120290KD

TYPE PCP R73 N°01 12185



Protections latérales à supports articulés verrouillables automatiquement, sous plancher.
Lateral protections with articulated supports automatically lockable, under floor.

01 SUPPORT

3110178

02 PROFIL

L (mm)	Alu *Alu* Référence *Reference*	Acier *Steel* Référence *Reference*
3,0	3120280AN	
3,2	3120281AN	3120276
5,0	3120282 3120282AN	3120277
7,0	3120284AN	3120278

03 FIXATION

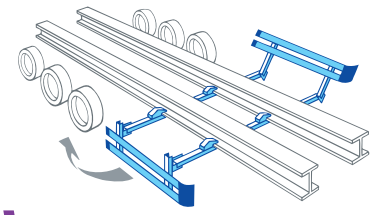
Profils alu *Alu profiles*	Profils acier *Steel profiles*
3110403	3110177K
1636733VI	

04 EMBOUTS

3120290KD

Protections latérales pour R & SR / *Side guards for R & SR*

TYPE PCP R73 N°01 12185



Protections latérales à supports articulés, sous châssis.
Lateral protections with articulated supports, under chassis.

01 SUPPORT

3110404KS

02 PROFIL

L (mm)	Alu *Alu* Référence *Reference*	Acier *Steel* Référence *Reference*
3,0	3120280AN	
3,2	3120281AN	3120276
5,0	3120282 3120282AN	3120277
7,0	3120284AN	3120278

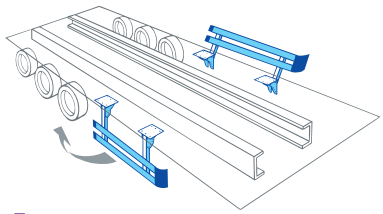
03 FIXATION

Profils alu *Alu profiles*	Profils acier *Steel profiles*
3110403	3110177K
1636733VI	

04 EMBOUTS

3120290KD

TYPE PCP R73 N°01 12185



Protections latérales à supports articulés, sous plancher. Spécial frigo.
Side protections with articulated supports, under floor. Special fridge.

01 SUPPORT

3110180GA

02 PROFIL

L (mm)	Alu *Alu* Référence *Reference*
3,0	3120280AN
3,2	3120281AN
5,0	3120282 3120282AN
7,0	3120284AN

03 FIXATION

Profils alu *Alu profiles*	Profils acier *Steel profiles*
3110403	3110177K
1636733VI	

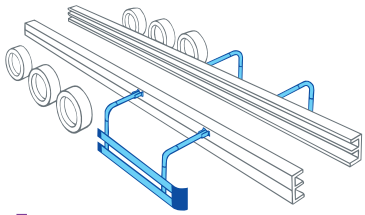
04 EMBOUTS

3120290KD

Protections latérales pour R & SR / *Side guards for R & SR*

Protections latérales à supports fixes, sur faux châssis. Spécial bennes et citernes.
Lateral protections with fixed supports, on false chassis. Special skips and tanks.

TYPE PCB R73 N°01 12139



01 SUPPORT

3109056KSB
3109056KSG

02 PROFIL

L (mm)	Alu *Alu* — Référence *Reference*	Acier *Steel* — Référence *Reference*
3,0	3120280AN	
3,2	3120281AN	3120276
5,0	3120282 3120282AN	3120277
7,0	3120284AN	3120278

03 FIXATION

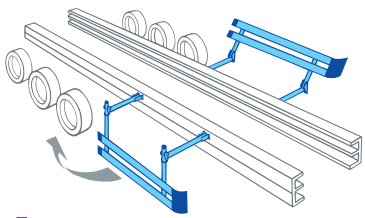
Profils alu *Alu profiles*	Profils acier *Steel profiles*
3110403	3110177K
1636733VI	

04 EMBOUTS

3120290KD

Protections latérales à supports articulés, sur faux châssis. Spécial bennes et citernes.
Lateral protections with articulated supports, on false chassis. Special skips and tanks.

TYPE PCB R73 N°01 12139



01 SUPPORT

3109060KSB
3109060KSG

02 PROFIL

L (mm)	Alu *Alu* — Référence *Reference*	Acier *Steel* — Référence *Reference*
3,0	3120280AN	
3,2	3120281AN	3120276
5,0	3120282 3120282AN	3120277
7,0	3120284AN	3120278

03 FIXATION

Profils alu *Alu profiles*	Profils acier *Steel profiles*
3110403	3110177K
1636733VI	

04 EMBOUTS

3120290KD

MEMO

Prescriptions techniques / *Fitting regulation*

PRESCRIPTIONS TECHNIQUES D'IMPLANTATION RELATIVES À LA PROTECTION LATÉRALE, suivant réglement R73. Les véhicules des catégories N2, N3, O3 et O4 doivent être construits et équipés, de manière à offrir auprès des usagers de la route (piétons, cyclistes...), une protection efficace contre le risque de tomber sous une partie latérale du véhicule et de passer sous les roues.

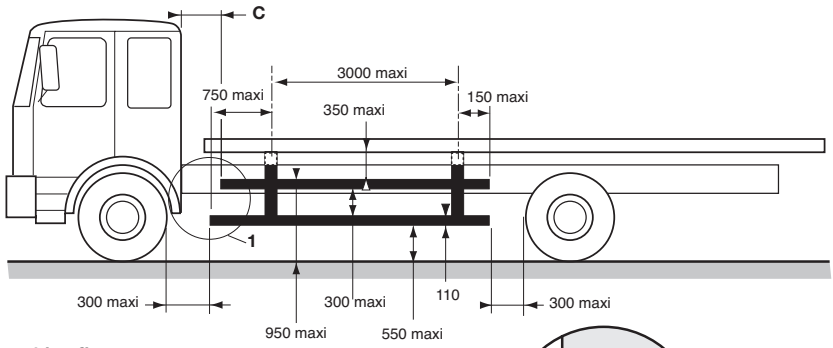
TECHNICAL FITTINGS INSTRUCTIONS RELATED TO LATERAL PROTECTION, according to R73 reglement. The vehicles belonging to N2, N3, O3 and O4 classes must be built and equipped, in order to offer the road users (pedestrians, cyclists,...) an efficient protection against the risk of falling under a lateral part of the vehicle and slipping under the wheels.

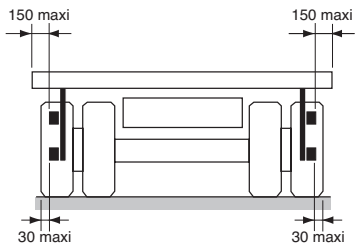
TYPE PCP R73 N°01 12185

Cotes dimensionnelles à respecter pour le montage
Accuracy to size for assembly

Véhicules motorisés Classes N2 et N3
Motorized vehicles N2 and N3 Classes

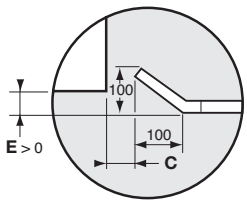
ECE R 73



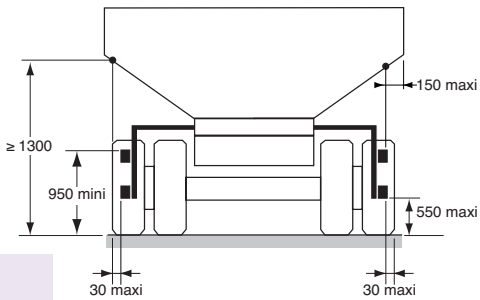


Cabine fixe C < 25
Fixed cabin C < 25

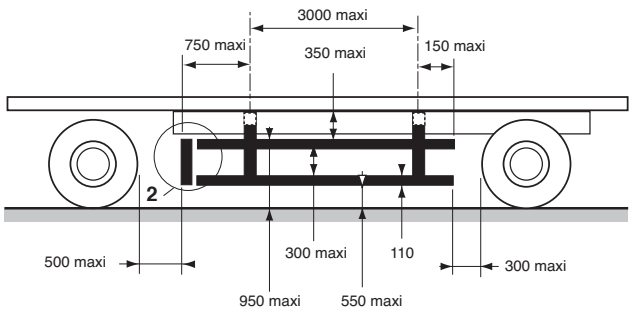
Cabine suspendue ou basculante C = 100
Hanging or tipping cabin C = 100

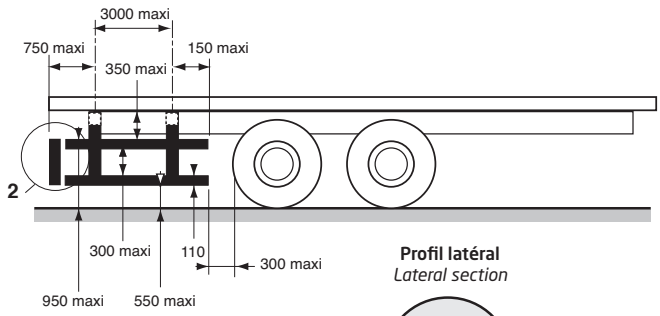


Détail 1 - Vue de dessus
Detail 1 - Top view

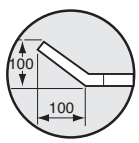


Remorques Classes 03 et 04
Trailers 03 and 04 Classes



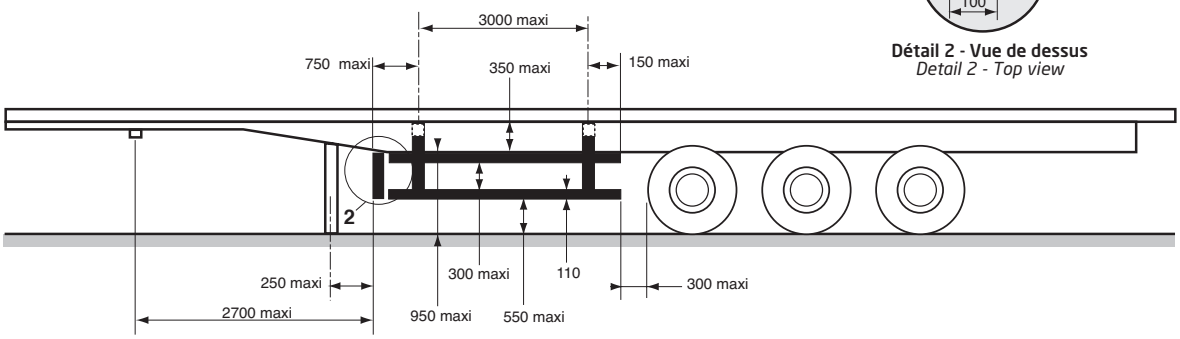


Profil latéral
Lateral section



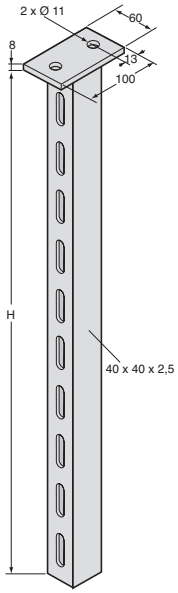
Détail 2 - Vue de dessus
Detail 2 - Top view

Semi-remorques Classes 03 et 04
Semitrailer 03 and 04 Classes



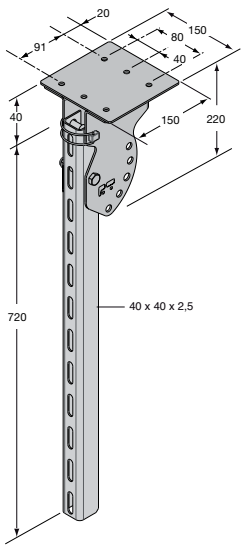
Conformément à la directive 89/297/CE et au réglement R73, nos protections latérales supportent une force statique horizontale de 100 daN.
According to directive 89/297 and reglement R73, our lateral protections stand and a horizontal static force of 100 daN.

Acier / *Steel*



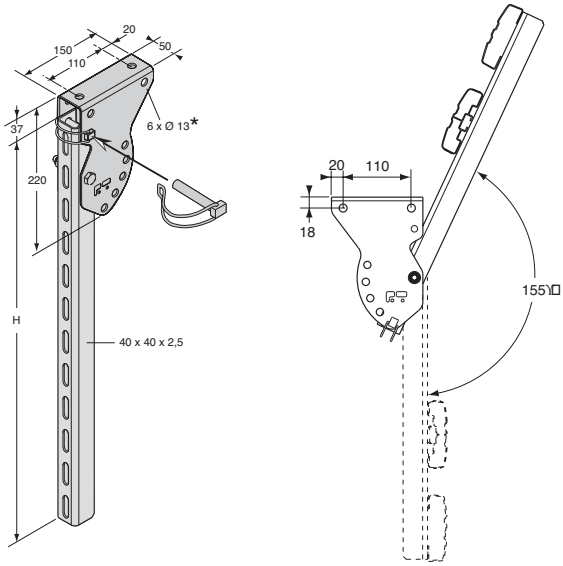
Support fixe PCP.
PCP fixed support.

Référence *Reference*	Kg	H (mm)	Finition *Finish*
3110175GA	2,7	720	Galvanizé *Galvanized steel*
3110470	1,8	420	Cataphorèse *KTL*



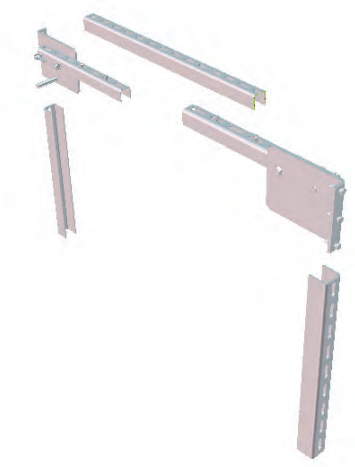
Support complet articulé, acier galvanisé.
Complete tilted support, galvanized steel.

Référence *Reference*	Kg
3110180GA	3,7



Support complet articulé, acier galvanisé.
Complete tilted support, galvanized steel.

Référence *Reference*	Kg	h (mm)
3110423GA	2,6	720
3110471	2,13	435



Kit supports articulés PCP pour semi-remorque, fixation sous châssis.
Articulated bracket kit, PCP, for semi trailer, sub-chassis mounting.

Référence *Reference*	Kg	Composition *Composition*
3110404KS	20,2	3110404 x 2 3110405 x 2 3110406 x 1

MEMO

Fixes et relevables pour bennes / *Fixed and tilted tipper*

PRESCRIPTIONS TECHNIQUES D'IMPLANTATION RELATIVES À LA PROTECTION LATÉRALE, suivant réglement R73.
Pour les véhicules des catégories N2, N3, O3 et O4.

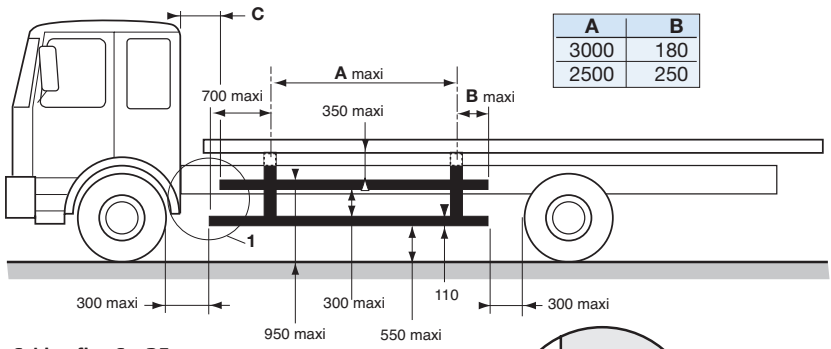
TECHNICAL FITTINGS INSTRUCTIONS RELATED TO LATERAL PROTECTION, according to reglement R73.
For vehicles belonging to N2, N3, O3 and O4.

TYPE PCB R73 N°01 12139

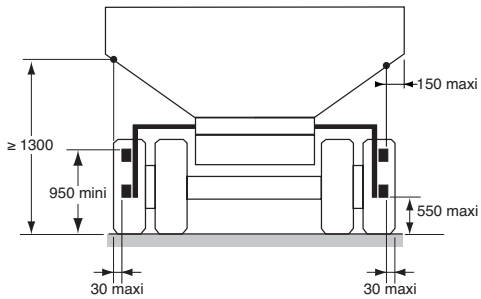
Cotes dimensionnelles à respecter pour un montage avec supports 3109056BR / GA avec ou sans cales 3109057BR /GA
Accuracy to size for assembly with brackets 3109056BR / GA with or without ajdustment thicks 3109057BR /GA

Véhicules motorisés Classes N2 et N3
Motorized vehicles N2 and N3 Classes

ECE R 73

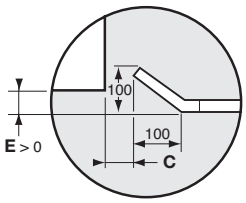


A	B
3000	180
2500	250

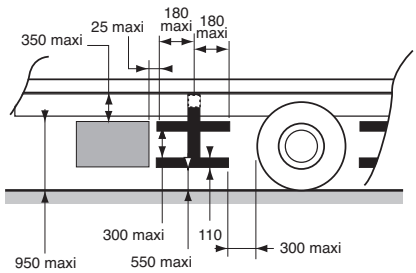


Cabine fixe C < 25
Fixed cabin C < 25

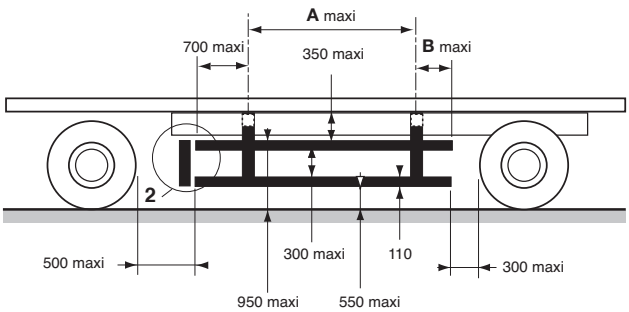
Cabine suspendue ou basculante C = 100
Hanging or tipping cabin C = 100

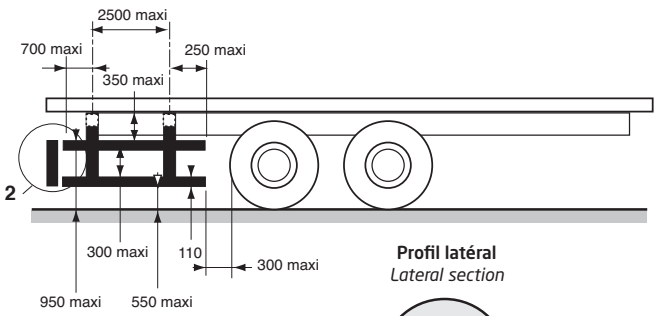


Détail 1 - Vue de dessus
Detail 1 - Top view



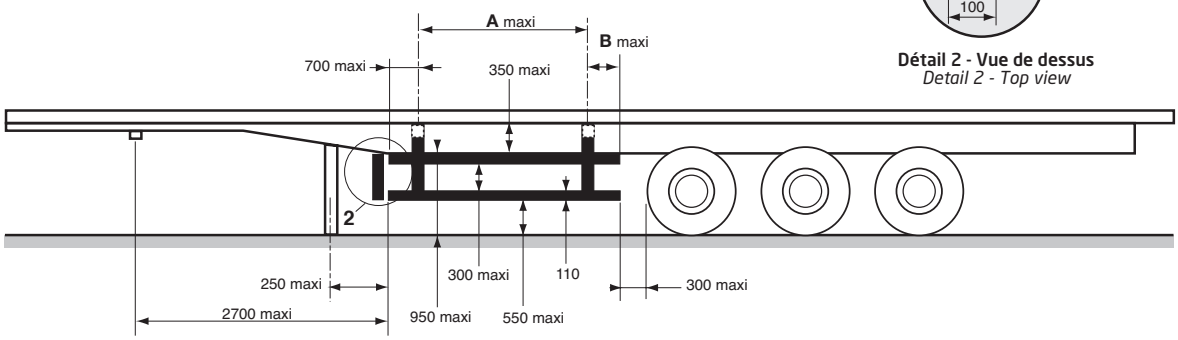
Remorques Classes 03 et 04
Trailers 03 and 04 Classes

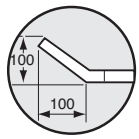




Profil latéral
Lateral section

Semi-remorques Classes 03 et 04
Semitrailer 03 and 04 Classes





Détail 2 - Vue de dessus
Detail 2 - Top view

Conformément au réglement R73, nos protections latérales supportent une force statique horizontale de 100 daN.
According to reglement R73, our lateral protections stand and a horizontal static force of 100 daN.

Acier / *Steel*

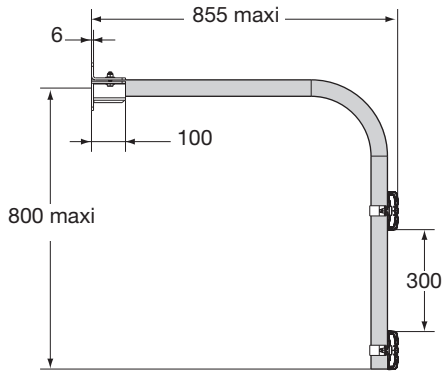
Kit support fixe PCB, fixation sur faux châssis, acier brut.
Fixed bracket kit, PCB, fixing on dummy underframe, raw steel.

Référence *Reference*	Kg	Composition *Composition*
3109056KSB	8,012	3109056BR x 1 3109051BR x 1 3109054 x 2

Kit support fixe PCB, fixation sur faux châssis, acier galvanisé.
Fixed bracket kit, PCB, fixing on dummy underframe, galvanized steel.

Référence *Reference*	Kg	Composition *Composition*
3109056KSG	8,012	3109056GA x 1 3109051 x 1 3109054 x 2

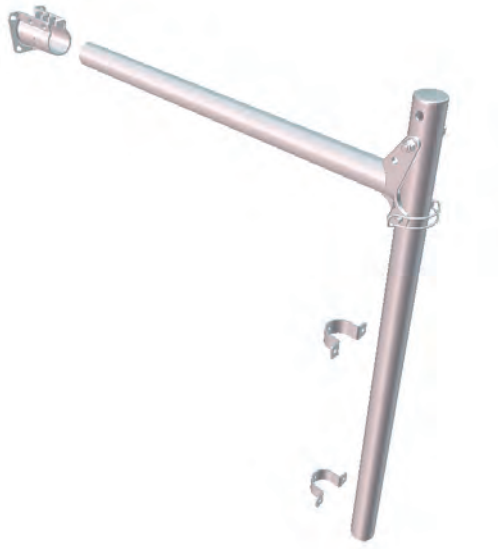
Acier / *Steel*

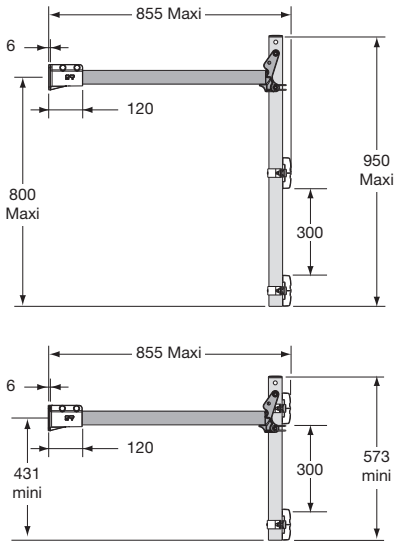


Tube cintré, sans bride de fixation 3109056BR/GA.
Galvanized steel bent tube, without fixing clamp 3109056BR/GA.

Référence *Reference*	Kg	Ø	Finition *Finish*
3109051	6,875	48,3	Galvanizé *Galvanized steel*
3109051BR	6,875	48,3	Brut (e) *Raw*

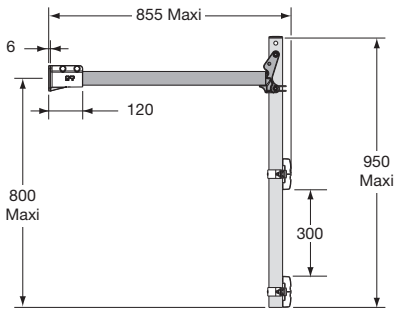
Acier / *Steel*

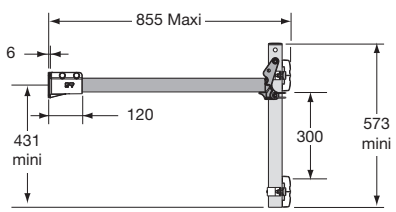




Kit support articulé PCB à souder, fixation sur faux châssis, tubes galvanisés et platine acier brut.
Articulated bracket kit, PCB, for welded, fixing on dummy underframe, galvanized steel tube, raw steel plate.

Référence *Reference*	Kg	Composition *Composition*
3109060KSB	9,637	3109056BR x 1 3109060GA x 1 3109054 x 2

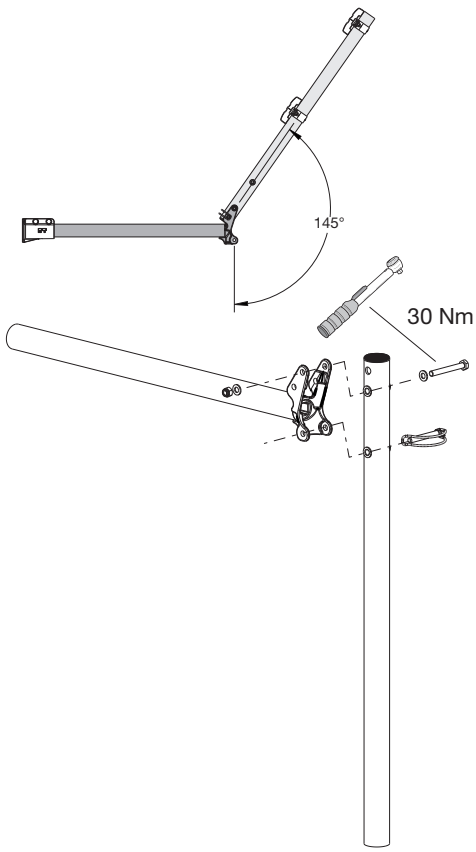




Kit support articulé PCB à visser, fixation sur faux châssis, acier galvanisé.
Articulated bracket kit, PCB for screwed, fixing on dummy underframe, galvanized steel.

Référence *Reference*	Kg	Composition *Composition*
3109060KSG	9,637	3109056GA x 1 3109060GA x 1 3109054 x 2

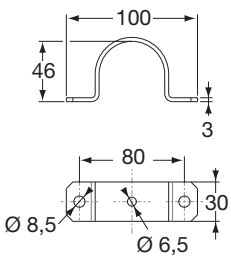
Acier / *Steel*



Kit support relevable, tubes Ø 48,3, acier galvanisé, avec kit de fixation (non assemblé), sans bride 3109056BR/GA. Couple de serrage 30 Nm.
Galvanized steel tilted kit support, tubes Ø 48,3, with mounting kit (not assembled), without fixing clamp 3109056BR/GA. Tightening torque 30 Nm.

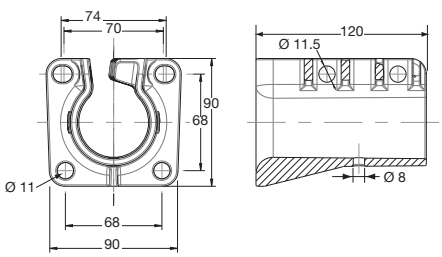
Référence *Reference*	Kg
3109060GA	8,5

Accessoires de fixations / *Fixing accessories*



Collier de bridage acier galvanisé (sans visserie).
Galvanized steel fixing collar (without bolts).

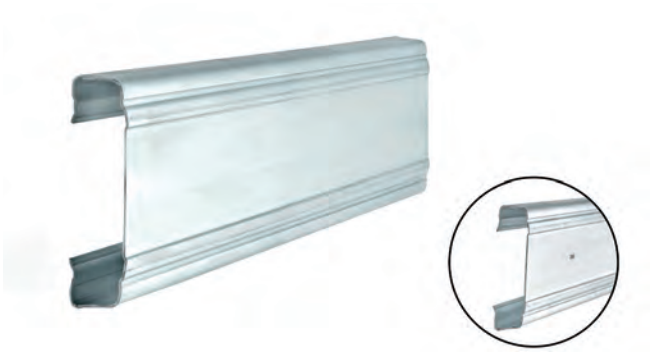
Référence *Reference*	Kg
3109054	0,011

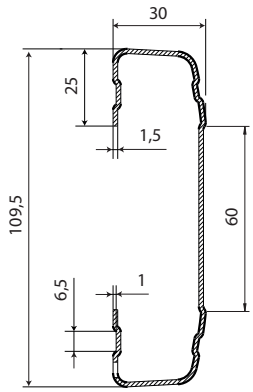


Bride fixe.
Fixing bracket.

Référence *Reference*	Kg	Finition *Finish*
3109056BR	1,115	Brut (e) *Raw*
3109056GA	1,115	Galvanisé (e) *Galvanized*

Profils acier / *Steel profiles*



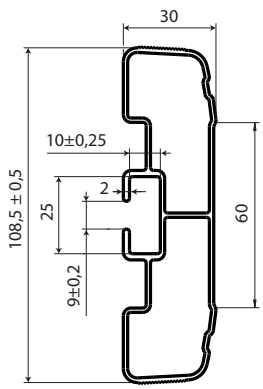


VISUAL

Profil de protection latérale ECE 104, acier galvanisé.
Section of lateral protection, galvanized steel.

Référence *Reference*	Longueur *Length*	✉
3120278	7 m	20
3120277	5 m	20
3120276	3,2 m	20

Profils aluminium / *Aluminium profiles*

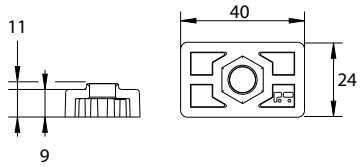


VISUAL

Profil de protection latérale ECE 104, aluminium.
Section of lateral protection, aluminium.

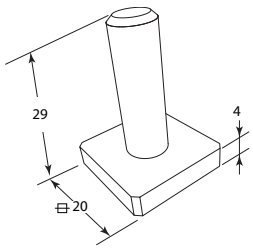
Référence *Reference*	Longueur *Length*	✉	Finition *Finish*
3120282	5 m	20	Brut (e) *Raw*
3120282AN	5 m	20	Anodisé (e) *Anodized*
3120281AN	3,2 m	20	Anodisé (e) *Anodized*
3120280AN	3 m	20	Anodisé (e) *Anodized*
3120284AN	7 m	20	Anodisé (e) *Anodized*

Accessoires de fixations / *Fixing accessories*



Plaquette de fixation, plastique noir. Pour vis M8.
Fixing plate, black plastic. For M8 screw.

Référence *Reference*	Kg	Pour *For*
3110403	0,01	3120282 3120282AN 3120281AN 3120280AN 3120284AN

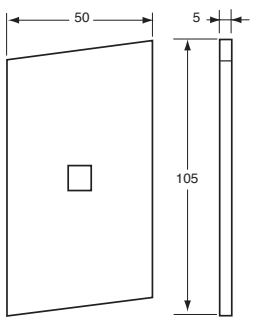


Vis tête carrée M8 x 25 classe 8.8 acier zingué.
Zinc plated steel grade 8.8 M8 screw.

Référence *Reference*	Kg	Ø	Longueur *Length*
1636733VI	0,02	8	25

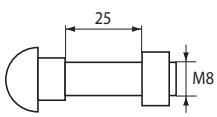
Kit de fixation pour profils acier.
Mounting kit for steel profiles.

Référence *Reference*	Kg	Composition *Composition*
3110177K	0,19	3110177 x 1 5501108FH x 1



Plaque de fixation acier zingué.
Fixing plate for zinc plated steel.

Référence *Reference*	Kg	Pour *For*
3110177	0,17	3110169 3110170 3110171



Boulon TRCC M8 x 25, collet carré, acier zingué, pour 3110177.
M8 x 25 bolt, zinc plated steel for 3110177.

Référence *Reference*	Kg
5501108FH	0,02

Embouts et profils d'angle / *End cap and corner profiles*

Kit simple embouts droits pour profils VISUAL ECE 104.
Single tips kit for VISUAL ECE 104 profile.

Référence *Reference*	Kg	Composition *Composition*
3120286KS	0,120	3120286 x 4

Kit simple avec embouts avant pour profils VISUAL ECE 104.
Single kit with front end cap for VISUAL ECE 104 profile.

Référence *Reference*	Kg	Composition *Composition*
3120288KS	0,240	3110399 x 2 3120286 x 2

Kit double embouts droits pour profils VISUAL ECE 104.
Double end cap kit, right side for VISUAL ECE 104 profile.

Référence *Reference*	Kg	Composition *Composition*
3120286KD	0,20	3120286 x 8

Kit double embouts avant pour profils VISUAL ECE 104.
Double end cap kit, front side for VISUAL ECE 104 profile.

Référence *Reference*	Kg	Composition *Composition*
3120288KD	0,42	3110399 x 4 3120286 x 4

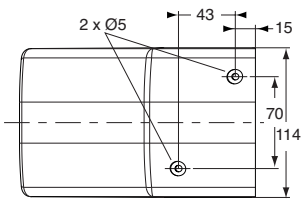
Embouts et profils d'angle / *End cap and corner profiles*

Kit d'embouts semi-remorques pour profils VISUAL ECE 104.
End cap kit semi-trailer for VISUAL ECE 104 profile.

Référence *Reference*	Kg	Composition *Composition*
3120290KD	1,51	3110476K x 2 3120286 x 4

Embout arrière pour profil ECE 104, plastique noir.
Rear end cap for ECE 104 profile, black plastic.

Référence *Reference*	Kg	Pour *For*
3120286	0,030	3120276 3120277 3120278 3120282 3120280AN 3120281AN 3120282AN 3120284AN



Embout avant, polyéthylène noir.
Front end cap, black polyethylene.

Référence *Reference*	Kg
3110399	0,07

Embout avant, profil POMMIER pour semi-remorques.
Front end cap, POMMIER profile for semi-trailer.

Référence *Reference*	Kg	Composition *Composition*
3110476K	0,68	3110474 x1 3110475 x1 3110476 x1

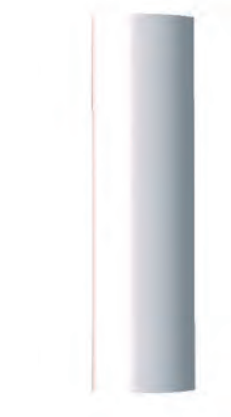
Embouts et profils d'angle / *End cap and corner profiles*

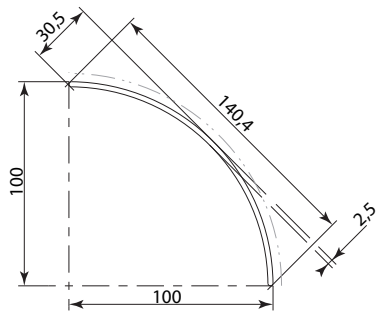
Embout haut droit ou bas gauche pour profil acier et aluminium, POMMIER.
Upper righthand or down lefthand cap for POMMIER steel and aluminium profile.

Référence *Reference*	Kg
3110474	0,06

Embout côté bas droit ou haut gauche pour profil acier et aluminium, POMMIER.
Upper lefthand or down righthand cap for POMMIER steel and aluminium profile.

Référence *Reference*	Kg
3110475	0,06

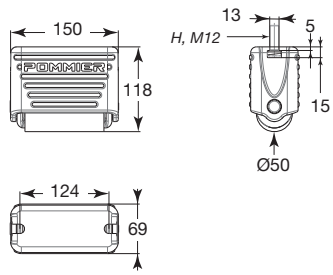




Profil angle alu anodisé pour 3110474, 3110475, 3110472, 3110473.
Anodised alu angle profile, for 3110474, 3110475, 3110472, 3110473.

Référence *Reference*	Kg	Longueur *Length*
3110476	0,565	0,513

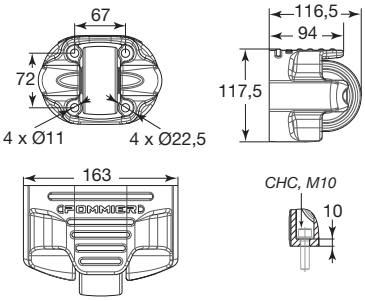
Horizontaux / *Horizontal*



S.ROLL C1

Butoir acier galvanisé à absorption d'énergie par ressorts, axe zingué. Horizontal compact 1 rouleau.
1 roll Compact horizontal model, galvanised steel buffer, energy absorbing spring, zinc plated pin.

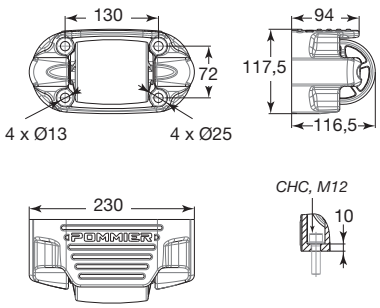
Référence *Reference*	Kg
3950801	4,5



S.ROLL H1E

Butoir acier galvanisé à absorption d'énergie par ressorts, axe zingué. Horizontal 1 rouleau étroit.
1 slim roll horizontal model, galvanised steel buffer, energy absorbing spring, zinc plated pin.

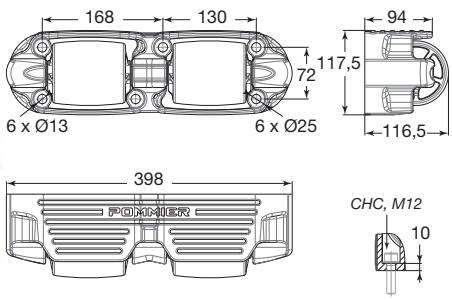
Référence *Reference*	Kg
3950802	5,6



S.ROLL H1

Butoir acier galvanisé à absorption d'énergie par ressorts, axe zingué. Horizontal 1 rouleau.
1 roll horizontal model, galvanised steel buffer, energy absorbing spring, zinc plated pin.

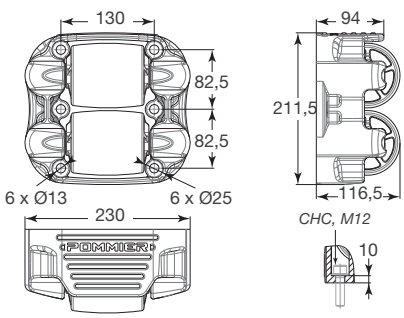
Référence *Reference*	Kg
3950806	7



S.ROLL H2

Butoir acier galvanisé à absorption d'énergie par ressorts, axe zingué. Horizontal 2 rouleaux.
2 roller horizontal model, galvanised steel buffer, energy absorbing spring, zinc plated pin.

Référence *Reference*	Kg
3950811	12,5

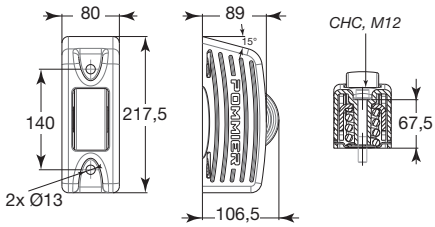


S.ROLL S2

Butoir acier galvanisé à absorption d'énergie par ressorts, axe zingué. Horizontal 2 rouleaux superposés.
2 roller superimposed horizontal model, galvanised steel buffer, energy absorbing spring, zinc plated pin.

Référence *Reference*	Kg
3950812	13

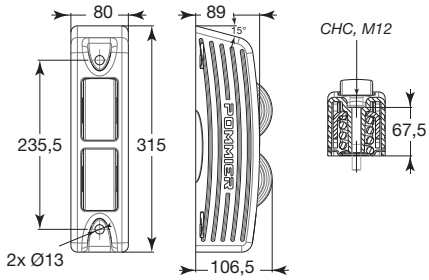
Verticaux / *Vertical*



S.ROLL V1

Butoir acier galvanisé à absorption d'énergie par ressorts, axe zingué. Vertical 1 rouleau.
1 roller vertical model, galvanised steel buffer, energy absorbing spring, zinc plated pin.

Référence *Reference*	Kg
3950816	5,5

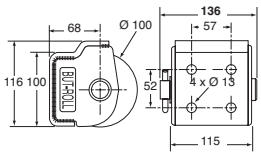


S.ROLL V2

Butoir acier galvanisé à absorption d'énergie par ressorts, axe zingué. Vertical 2 rouleaux.
2 roller vertical model, galvanised steel buffer, energy absorbing spring, zinc plated pin.

Référence *Reference*	Kg
3950821	8,5

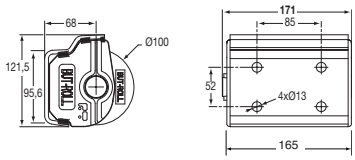
Horizontaux / *Horizontal*



BUT.ROLL H1-80

Butoir horizontal à 1 rouleau cylindrique de 80 mm avec support acier galvanisé.
Single buffer with 1 cylindrical roller 80 mm with galvanized steel bracket.

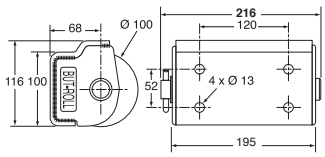
Référence *Reference*	Kg
3950249GA	4,4



BUT.ROLL H1-130

Butoir horizontal à 1 rouleau cylindrique de 130 mm avec support en acier galvanisé.
Single buffer with 1 cylindrical roller 130 mm galvanized steel bracket.

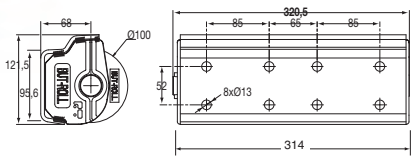
Référence *Reference*	Kg
3950255GA	4,925



BUT.ROLL H2-80

Butoir horizontal à 2 rouleaux cylindriques de 80 mm avec support en acier galvanisé.
Horizontal buffer with 2 cylindrical rollers 80 mm with galvanized steel bracket.

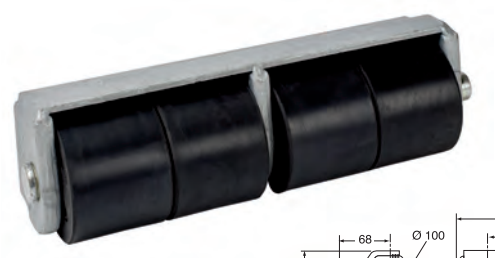
Référence *Reference*	Kg
3950250GA	6

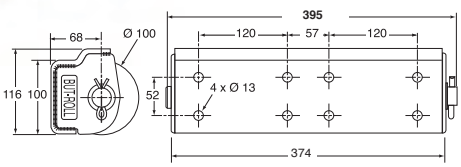


BUT.ROLL H2-130

Butoir horizontal à 2 rouleaux cylindriques de 130 mm avec support en acier galvanisé.
Horizontal buffer with 2 cylindrical rollers 130 mm with galvanized steel bracket.

Référence *Reference*	Kg
3950256GA	9,045



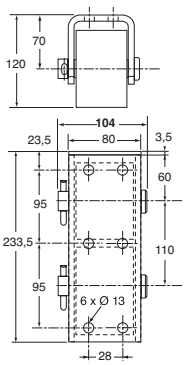


BUT.ROLL H4-80

Butoir horizontal à 4 rouleaux cylindriques de 80 mm avec support en acier galvanisé.
Horizontal buffer with 4 cylindrical rollers 80 mm with galvanized steel bracket.

Référence *Reference*	Kg
3950251GA	10,9

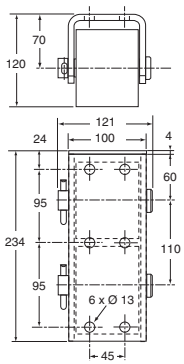
Verticaux / *Vertical*



BUT.ROLL V2-65

Butoir vertical ETROIT à 2 rouleaux cylindriques de 65 mm avec support acier galvanisé.
SLIM vertical buffer with 2 cylindrical 65 mm rollers with galvanized steel bracket.

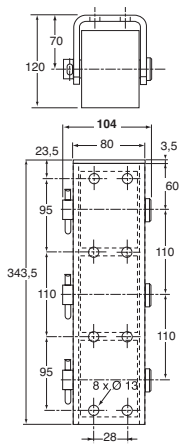
Référence *Reference*	Kg
3950258GA	5,285



BUT.ROLL V2-80

Butoir vertical à 2 rouleaux cylindriques de 80 mm avec support en acier galvanisé.
Vertical buffer with 2 cylindrical rollers 80 mm and galvanized steel bracket.

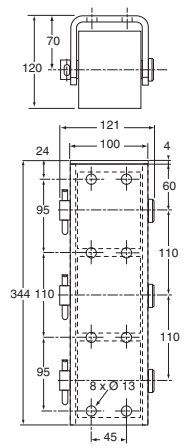
Référence *Reference*	Kg
3950253GA	6,9



BUT.ROLL V3-65

Butoir vertical ETROIT à 3 rouleaux cylindriques de 65 mm avec support acier galvanisé.
SLIM vertical buffer with 3 cylindrical rollers 65 mm and galvanised steel bracket.

Référence *Reference*	Kg
3950259GA	7,76

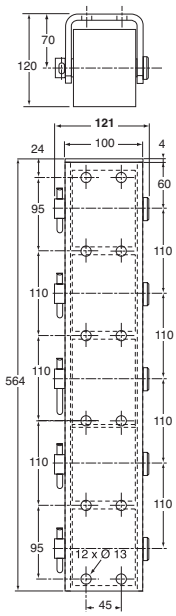


BUT.ROLL V3-80

Butoir vertical à 3 rouleaux cylindriques de 80 mm avec support en acier brut.
Vertical buffer with 3 cylindrical rollers 80 mm and galvanised steel bracket.

Référence *Reference*	Kg
3950252GA	8,6

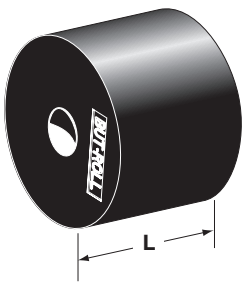
Verticaux / *Vertical*



BUT.ROLL VS-80

Butoir vertical à 5 rouleaux cylindriques de 80 mm avec support en acier brut.
Vertical buffer with 5 cylindrical rollers 80 mm and self colour steel bracket.

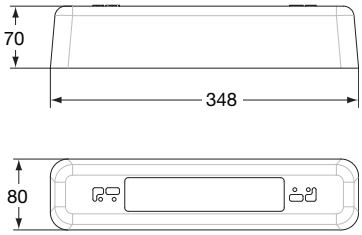
Référence *Reference*	Kg
3950257	15,96



Rouleau cylindrique seul.
Cylindrical roller.

Référence *Reference*	Kg	L (mm)	Pour *For*
3950250BU	0,975	80	3950249GA 3950250GA 3950251GA 3950252GA 3950253GA
3950254BU	0,79	65	3950258GA 3950259GA
3950255BU	1,505	130	3950255GA 3950256GA

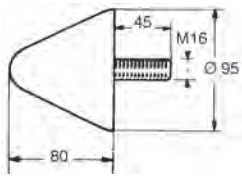
Acier / *Steel*



Butoir acier brut.
Self coulour steel buffer.

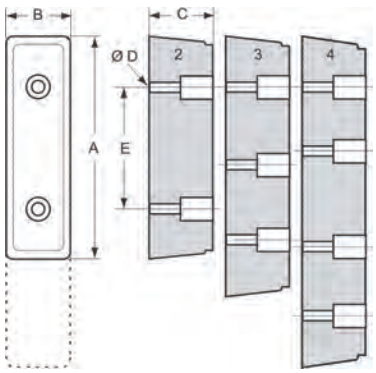
Référence *Reference*	Kg
3950317	4,5

Caoutchouc / *Rubber*



Butoir conique caoutchouc monté sur insert métallique.
Rubber buffer with threaded stud.

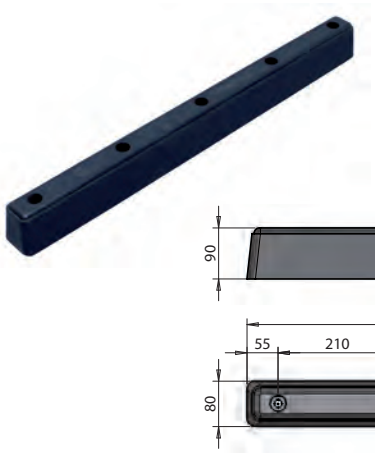
Référence *Reference*	Kg
3950294	0,67



Butoir caoutchouc.
Rubber buffers.

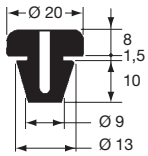
Référence *Reference*	Kg	A	B	C	E	Ø D
3950270 S	6,5	600	100	125	150 200	4x13
3950302	1,4	400	50	60	165	3x13
3950303	3,5	360	100	105	205	2x13
3950306	0,65	120	75	85	65	2x13
3950307	1,15	195	80	80	85	2x13
3950308	0,53	210	50	55	125	2x9
3950309	1,75	250	80	90	120	2x13

Caoutchouc / *Rubber*



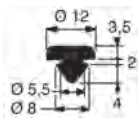
Butoir caoutchouc noir 950 x 80 x 90.
Black rubber buffer 950 x 80 x 90.

Référence *Reference*	Kg
400510419	8,03



Butée.
Buffers.

Référence *Reference*	℮
5132690	100



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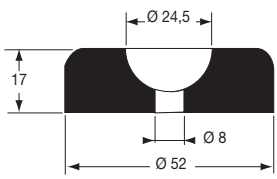
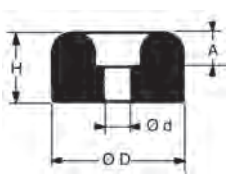
Buffers.

Référence *Reference*
5103318



Butée.
Buffers.

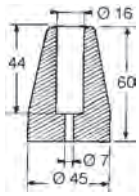
Référence *Reference*
5103337SC



Butée Cheston.
Cheston buffer.

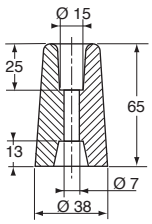
Référence *Reference*	A (mm)	Ø D (mm)	Ø d (mm)	H (mm)	℮
5103345	5	24	5	11	100
5103346	7	28	6	14	100
5103347	7	28	6	16	100
5103348	9	33	8	18	50

Caoutchouc / *Rubber*



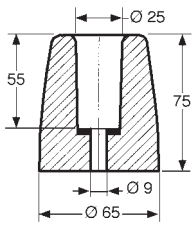
Butée caoutchouc.
Rubber buffer.

Référence *Reference*	Kg
5103349	0,08



Butée caoutchouc.
Rubber buffers.

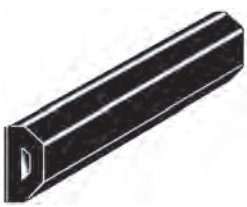
Référence *Reference*	Kg
5103355	0,066

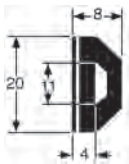


Butée caoutchouc.
Rubber buffers.

Référence *Reference*	Kg
5132691	0,26

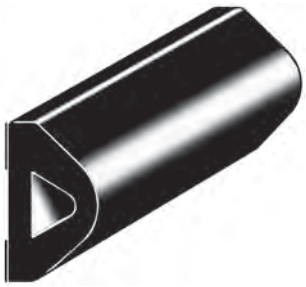
Delta / *Delta*

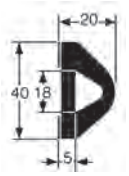




Protection E.P.D.M. souple noir adhésivé.
Black flexible E.P.D.M. protection, self adhesive.

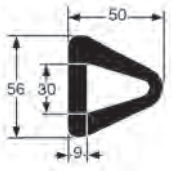
Référence *Reference*	Kg	Longueur *Length*
1636743	7	50 m





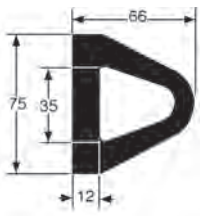
Protection E.P.D.M. souple noir adhésivé.
Black flexible E.P.D.M. protection, self adhesive.

Référence *Reference*	Kg	Longueur *Length*
1636742	11,5	20 m



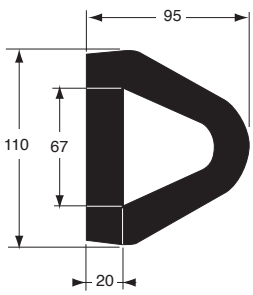
Rembarde delta.
Delta rubber fenders.

Référence *Reference*	Kg	Longueur *Length*
3950295	5	2500



Rembarde delta.
Delta rubber fenders.

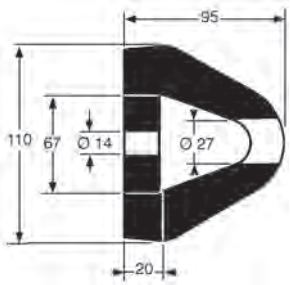
Référence *Reference*	Kg	Longueur *Length*
3950292	9	2500



Rembarde delta.
Delta rubber fenders.

Référence *Reference*	Kg	Longueur *Length*
3950293	16	2500

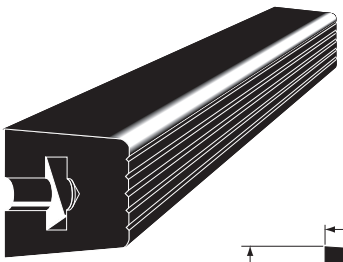
Delta / *Delta*

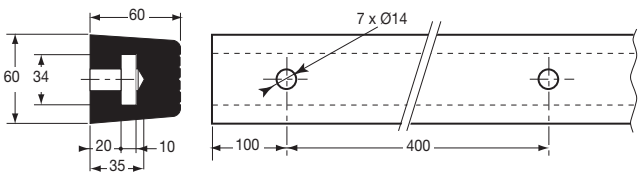


Rembarde delta.
Delta rubber fenders.

Référence *Reference*	Kg	Longueur *Length*
3950289	22	2600

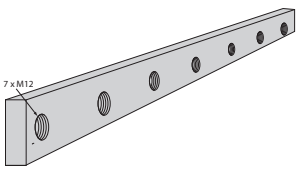
Arrière et latéral / *Rear and side*

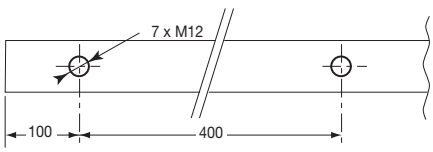




Profil E.P.D.M. noir, percé.
Black E.P.D.M. profile with fixing holes.

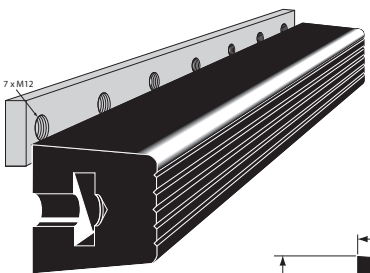
Référence *Reference*	Kg	Longueur *Length*
3950313RS	11,75	2600

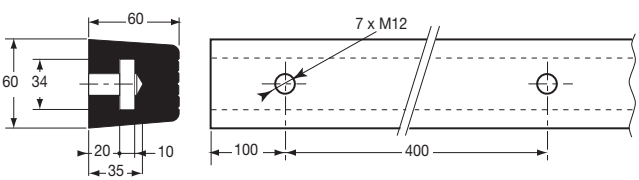




Barrette de fixation acier zingué, pour 3950313RS.
Zinc plated steel fixation bar, for 3950313RS.

Référence *Reference*	Kg	Longueur *Length*
3950313BS	4,86	2580

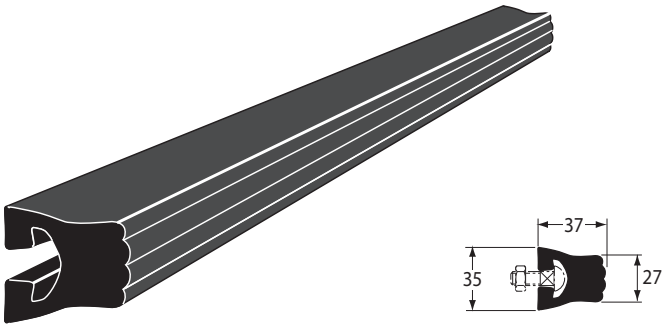




Profil E.P.D.M. avec barrette de fixation.
E.P.D.M. profile with fixation bar.

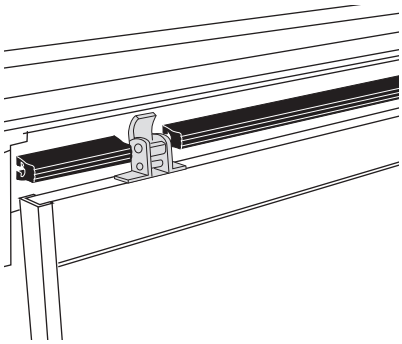
Référence *Reference*	Kg
3950313	16,61

Arrière et latéral / *Rear and side*

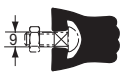


Profil polyéthylène haute densité, noir.
Black high density polyethylene profile.

Référence *Reference*	Kg	Longueur *Length*
3950269	2,25	3200



Utilisez uniquement des vis TRCC DIN 603.
Use only screws TRCC DIN 603.



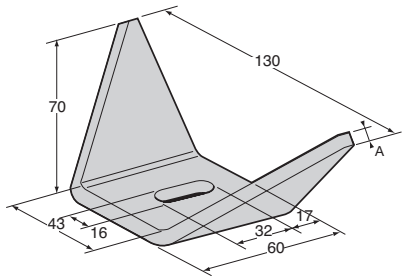
Boulon TRCC DIN 603 M8 x 25 acier zingué.
M8 x 25 bolt, zinc plated steel.

Référence *Reference*	Kg
5501108FH	0,02

FIXATIONS
FIXINGS

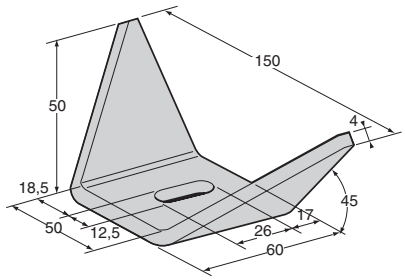
FIXATION SUR CHÂSSIS / *CHASSIS FIXATION*
INTÉRIEUR CAISSE / *BOX INSIDE*
UTILISATION EXTÉRIEURE / *OUTSIDE USING*
SUPPORTS PORTE OUTILS / *TOOL STOWAGE CLAMP*
ÉTAGÈRES ET ACCESSOIRES / *SHELVES AND ACCESSORIES*
PENDERIES À VIANDE / *MEAT HANGING SYSTEM*

Goussets / *Body mounting brackets*



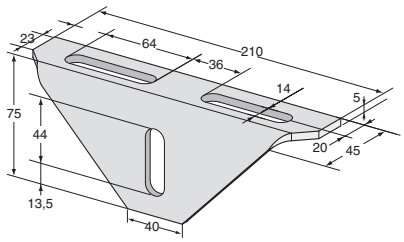
Gousset acier brut, avec trou oblong 16 x 32.
Self colour steel mounting bracket with oblong hole 16 x 32.

Référence *Reference*	Kg	A (mm)
3643819	0,37	5,5



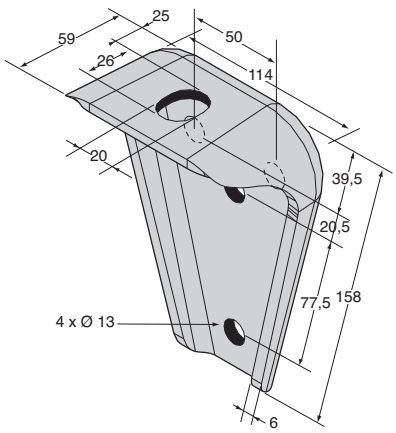
Gousset acier brut, avec trou oblong 12,5 x 26.
Self colour steel mounting bracket with oblong hole 12,5 x 26.

Référence *Reference*	Kg
3643818	0,23



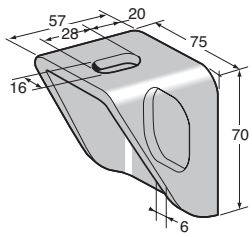
Gousset acier dacromet.
Dacromet steel mounting bracket.

Référence *Reference*	Kg	€
3643833	0,515	50



Gousset acier zingué avec trou oblong 20 x 26 et 4 trous Ø 13 mm.
Zinc plated steel mounting bracket with oblong hole 20 x 26 and 4 holes Ø 13 mm.

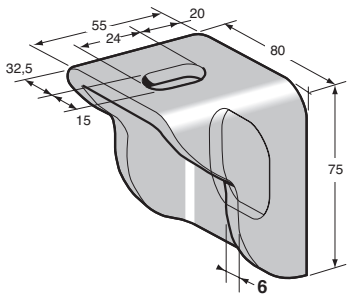
Référence *Reference*	Kg
3643835	1



Gousset acier brut, avec trou pour soudure et trou oblong 16 x 28.
Self colour steel mounting bracket with hole for welding on chassis and oblong hole 16 x 28.

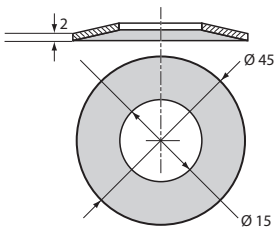
Référence *Reference*	Kg
3643814	0,37

Goussets / *Body mounting brackets*



Gousset acier brut, avec trou pour soudure et trou oblong 15 x 24.
Self colour steel mounting bracket with hole for welding on chassis and oblong hole 15 x 24.

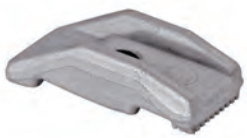
Référence *Reference*	Kg	€
3643813	0,42	50

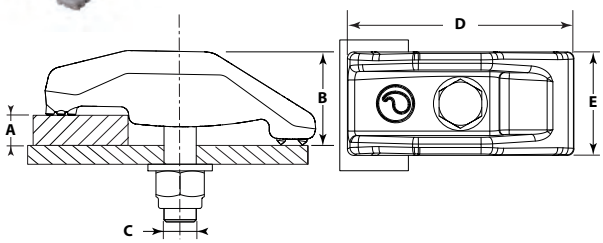


Rondelle Belleville 42 x 15 x 2, acier brut.
Belleville washer, 42 x 15 x 2, self colour steel.

Référence *Reference*	Kg	€
6051000JU	0,02	100

Brides de caisses / *Body clamps*

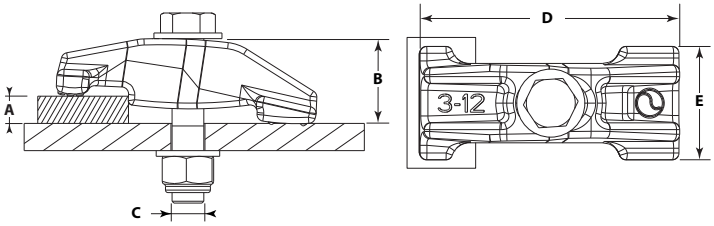




C450

Bride pour fixation de caisse. Tenue mécanique de 450 daN. Acier galvanisé.
Body clamp for box fixing. mechanical strength of 450 daN. Galvanized steel.

Référence *Reference*	Kg	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
3643846	0,516	5-10	34	M12	101	46



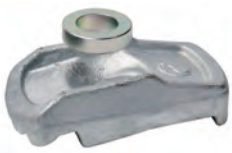
C600

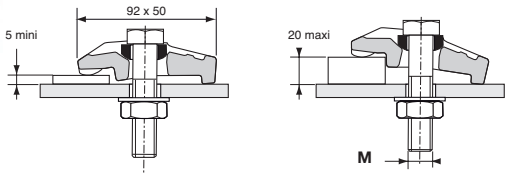
Bride pour fixation de caisse. Tenue mécanique de 600 daN. Acier galvanisé.
Body clamp for box fixing. Mechanical strength of 600 daN. Galvanized steel.

Référence *Reference*	Kg	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
3643848	0,570	3-12	35	M14	115	50

Montage avec rondelle conique NF-EN-25510.
Mounting with conical washer NF-EN-25510.

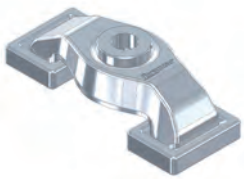
Brides de caisses / *Body clamps*

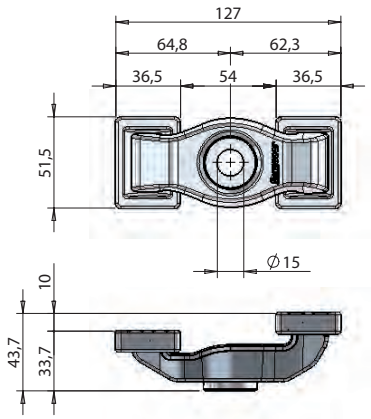




Ensemble bride pivotante de fixation pour porte-palette et chassis, acier estampé galvanisé.
Pivoting drop-forged steel body clamp, galvanized.

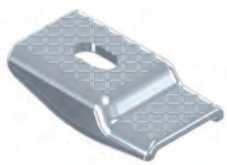
Référence *Reference*	Kg	M (mm)	
3643830	0,44	16	25

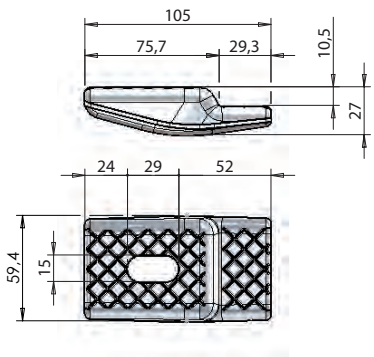




Bride pivotante de fixation pour traverse de 4 à 15 mm.
Self-levelling body clamp used to fix from 4 to 15 mm sections.

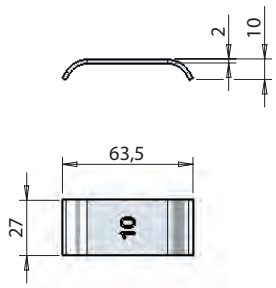
Référence *Reference*	Kg	Finition *Finish*
350510245	0,779	Acier zingué *Zinc plated*





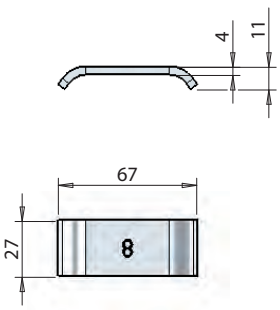
Bride pour traverse de 12 mm.
Body clamp used to fix 12 mm sections.

Référence *Reference*	Kg	Finition *Finish*
350510761	0,45	Acier zingué *Zinc plated*



Cale de bride pour fixation de traverse de 10 mm.
Body clamp spacer used to fix 10 mm sections.

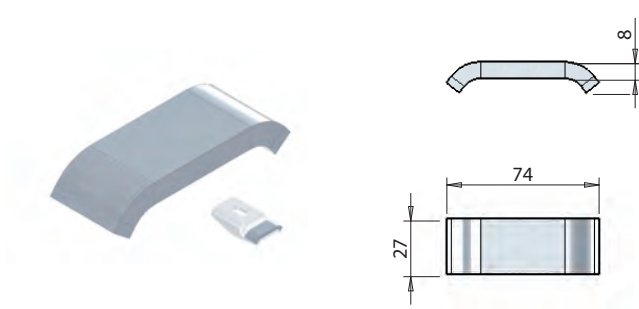
Référence *Reference*	Kg	Finition *Finish*
350507311	0,04	Acier zingué *Zinc plated*



Cale de bride pour fixation de traverse de 8 mm.
Body clamp spacer used to fix 8 mm sections.

Référence *Reference*	Kg	Finition *Finish*
350507321	0,058	Acier zingué *Zinc plated*

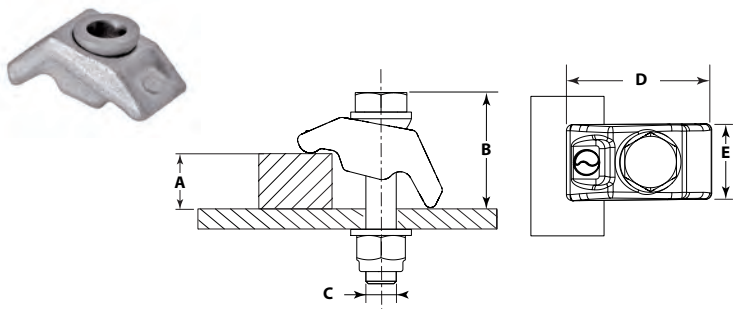
Brides de caisses / *Body clamps*



Cale de bride pour fixation de traverse de 6 mm.
Body clamp spacer used to fix 6 mm sections.

Référence *Reference*	Kg	Finition *Finish*
350507331	0,126	Acier zingué *Zinc plated*

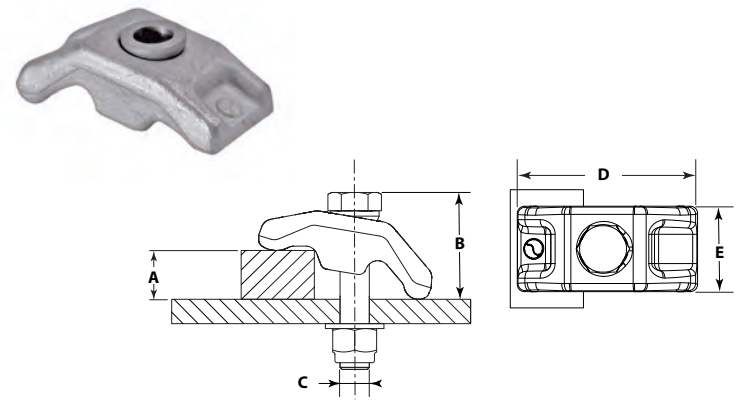
Brides d'accessoires / *Accessory clamps*



A300

Bride pour fixation d'accessoires. Tenue mécanique de 300 daN. Acier galvanisé.
Clamp for accessory fixing. Mechanical strength of 300 daN. Galvanized steel.

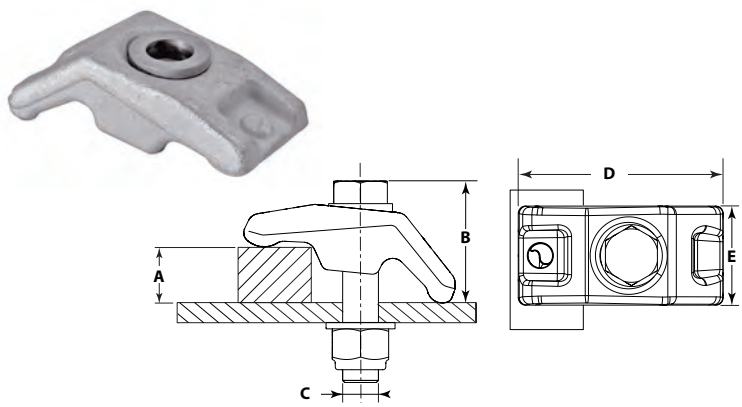
Référence *Reference*	Kg	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
3643841	0,107	3-18	30-38	M10-M12	50	25



A450

Bride pour fixation d'accessoires. Tenue mécanique de 450 daN. Acier galvanisé.
Clamp for accessory fixing. Mechanical strength of 450 daN. Galvanized steel.

Référence *Reference*	Kg	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
3643842	0,263	4-20	36-44	M12	73	35



A600

Bride pour fixation d'accessoires. Tenue mécanique de 600 daN. Acier galvanisé.
Clamp for accessory fixing. Mechanical strength of 600 daN. Galvanized steel.

Référence *Reference*	Kg	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
3643843	0,368	5-22	39-47	M14	85	40

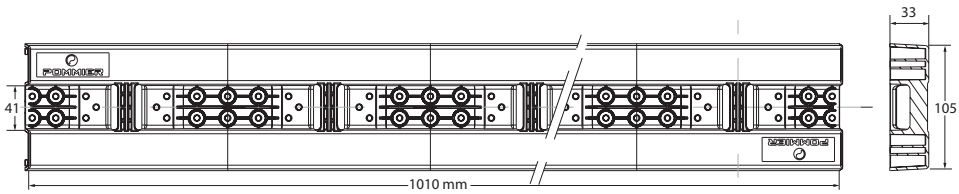
Rondelle finition zinc nickel passivé 700 HBS.
Nickel zinc passivated 700 HBS washer.

Profils capitons / *Padding profiles*

BRIKS

Profil capiton double en ABS.
(* pour plus de coloris nous consulter).
Double padding profile, recycled plastic.
(for more colors please contact us).*

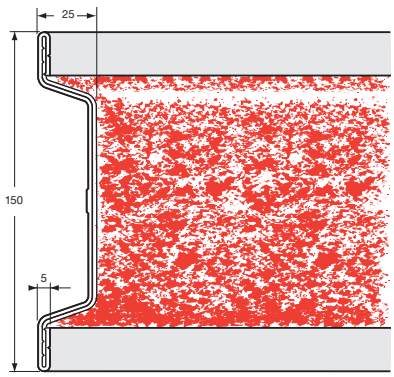
Référence *Reference*	Kg	Longueur *Length*	Largeur *Width*	Couleur *Colour*	Matière *Material*
3655140	0,740	1010	105	Noir* *Black**	ABS



BRIKS

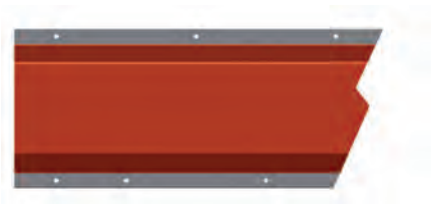
Embout pour profil capiton double.
End cap for double padding profile.

Référence *Reference*	Kg
3655141	0,018



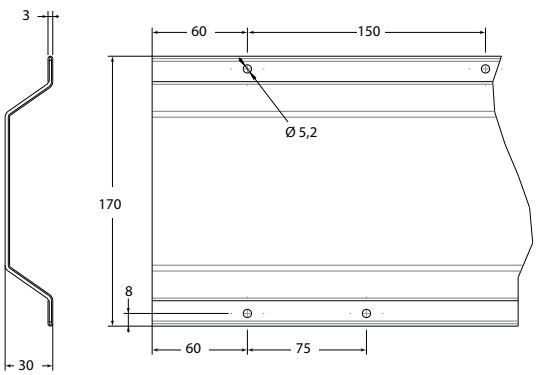
Profil capiton rouge, aluminium brut.
Red padding profile, raw aluminium.

Référence *Reference*	Kg	Longueur *Length*
3655115	5,42	4500

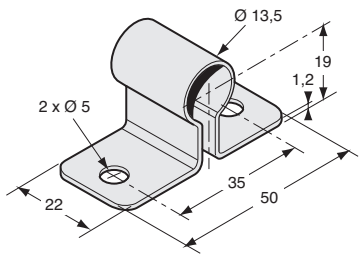


Profil capiton rouge, acier galvanisé.
Red padding profile, galvanized steel.

Référence *Reference*	Kg	Longueur *Length*
3655130R0	6,975	5000

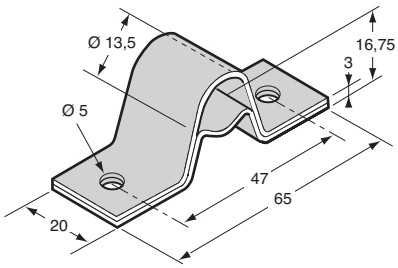


Tubes et supports acier zingué / *Zinc plated tubes and brackets*



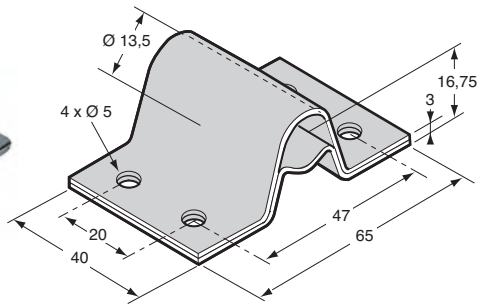
Support acier zingué pour tube Ø 13.
Zinc plated steel bracket for Ø 13 tube.

Référence *Reference*	Kg	€
3655121	0,03	100



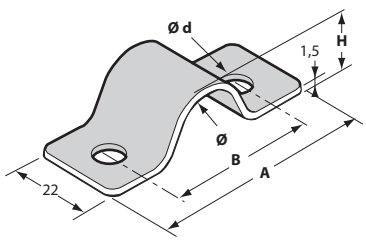
Support acier zingué.
Zinc plated steel bracket.

Référence *Reference*	Kg	€
3655112	0,035	100



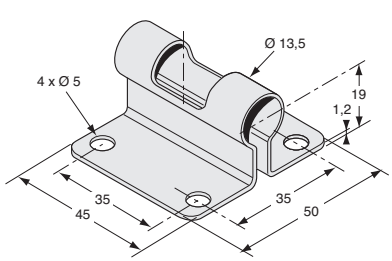
Support acier zingué.
Zinc plated steel bracket.

Référence *Reference*	Kg	€
3655116	0,1	250



Etrier acier zingué.
Zinc plated steel staple.

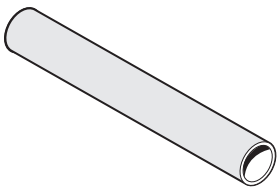
Référence *Reference*	Kg	Ø	A (mm)	B (mm)	Ø d (mm)	H (mm)
3655107	0,018	13	63	43	5	13.5
3655111	0,025	17	68	50	6.5	17



Support acier galvanisé pour tube Ø 13.
Galvanized steel bracket for Ø 13 tube.

Référence *Reference*	Kg	€
3655120	0,05	50

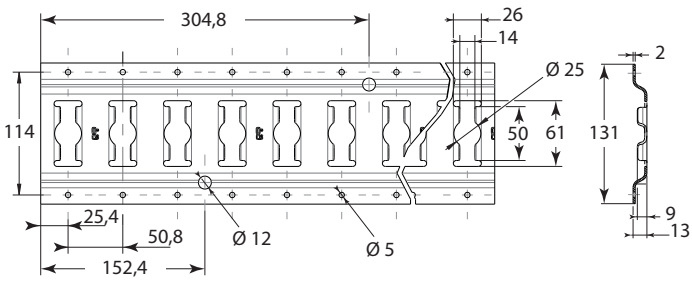
Tubes et supports acier zingué / *Zinc plated tubes and brackets*



Tube d'arrimage, acier zingué, Ø 13 x 1,5 mm.
Zinc plated steel lashing tube, Ø 13 x 1,5 mm.

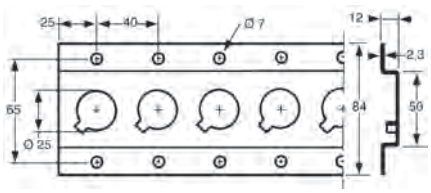
Référence *Reference*	Kg	Ø	Longueur *Length*
3655125	0,43	13	5000

Rails d'arrimage / *Lashing tracks*



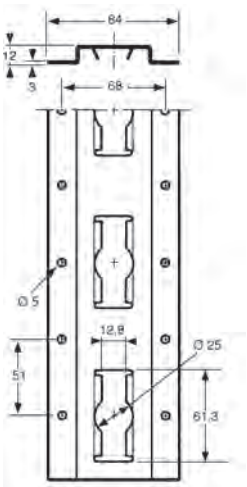
Rail horizontal acier.
Steel horizontal track.

Référence *Reference*	Longueur *Length*	Finition *Finish*
3655090	3050	Galvanisé (e) *Galvanized*
3655090IN	3050	Acier inoxydable *Stainless steel*



Rail horizontal acier.
Steel horizontal track.

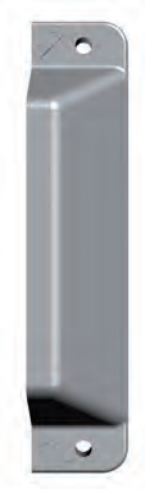
Référence *Reference*	Kg	Longueur *Length*	Finition *Finish*
3655086	5	3050	Zingué *Zinc plated*

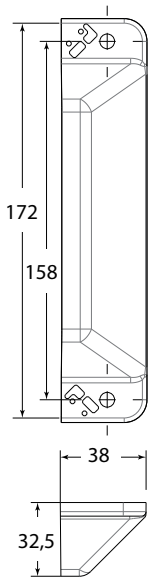


Rail vertical, acier zingué.
Zinc plated steel vertical track.

Référence *Reference*	Kg	Longueur *Length*
3655089	4,6	2440

Embouts / *Track end cap*



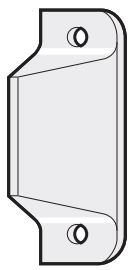


Embout gris pour profil capiton 3655130RO.
Grey end cap for padding profile 3655130RO.

Référence *Reference*	Kg
3655130EM	0,040

Embout gris pour rail 3655090 et 3655090IN.
End cap, grey for track 3655090 and 3655090IN.

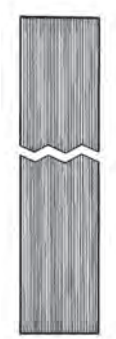
Référence *Reference*	Kg	Pour *For*
3655101	0,015	3655090 3655090IN



Embout gris rail 3655086.
End cap, grey for track 3655086.

Référence *Reference*	Kg	Pour *For*
3655099	0,007	3655086

Sangles / *Lashing strap*



Sangle bleue - force 6 t.
Blue lashing strap, break strength 6 t.

Référence *Reference*	Kg	Longueur *Length*	Largeur *Width*
3655105	7	100 m	50

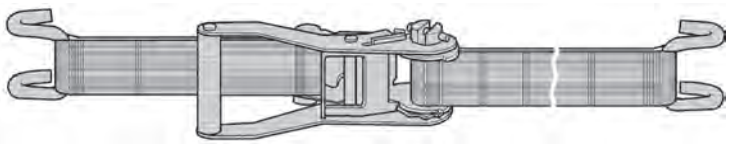
Sangles / *Lashing strap*

Sangle complète avec tendeur et ferrures d'ancrage - charge rupture : 3 t.
Lashing strap assembly with tension buckle and track latch end fitting, break strength : 3 t.

Référence *Reference*	Kg	Longueur *Length*	Largeur *Width*
3655097	0,95	3500	50

Sangle complète avec tendeur et crochet universel court - charge rupture : 3 t.
Lashing strap assembly with tension buckle and wire hook end fitting, break strength : 3 t.

Référence *Reference*	Kg	Longueur *Length*	Largeur *Width*
3655098	0,9	3500	50



Boucle à cliquet avec crochet bord de rive, charge rupture : 5 t.
Ratchet tensioner with siderave hook, break strength : 5 t.

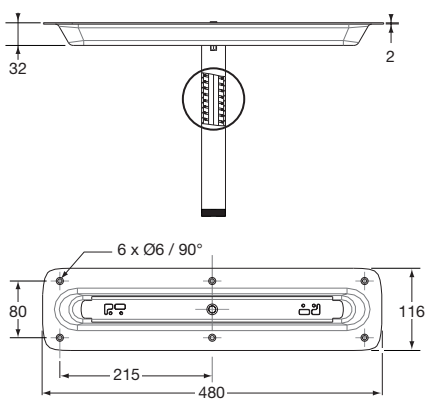
Référence *Reference*	Kg	Longueur *Length*	Largeur *Width*
3644283	2,75	9000	50

Bloque transpalette / *Pallet truck block*

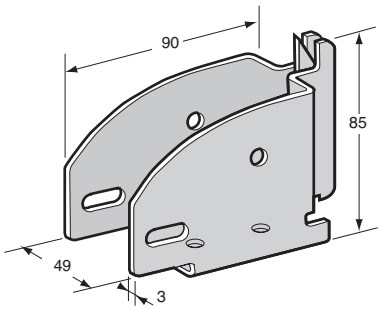
TRANSBLOC

Bloque transpalette, acier zingué.
Zinc plated steel, pallet truck block.

Référence *Reference*	Kg
3643740	2,7

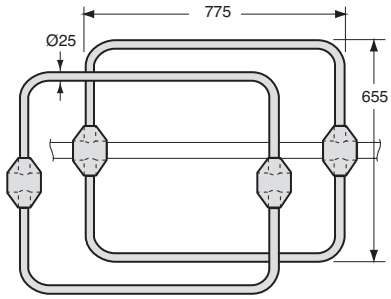


Barres télescopiques et porte-vêtements / *Telescopic rods and garment rails*



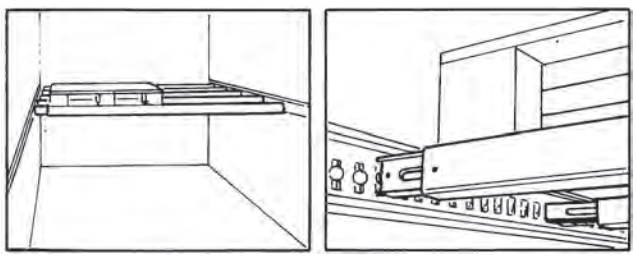
Gousset acier zingué bichromaté, pour fixation de faux plancher et barres porte-vêtements, charge maximale : 230 kg.
Yellow zinc plated steel beam bracket for decking and garments rails, maximum load capacity : 230 kg.

Référence *Reference*	Kg
3655096	0,428



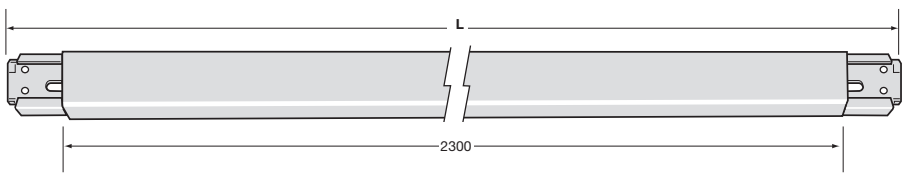
Kit d'arceau pour barres télescopiques Ø 42 mm.
Arch kit for spring shoring bars Ø 42 mm.

Référence *Reference*	Kg
3655072	5,5



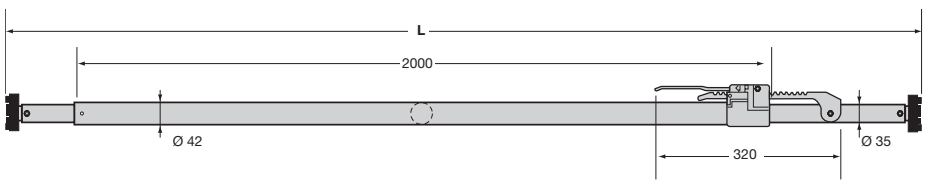
Barre d'appui, aluminium brut, 90 x 65 mm, longueur L ajustable de 2360 mm à 2600 mm, charge admissible uniformément répartie 450 kg, pour rails 3655088 et 3655089.
Shoring bar, self colour aluminium, 90 x 65 mm, adjustable length L 2360 mm to 2600 mm, rail capacity 450 kg, for track 3655088 and 3655089.

Référence *Reference*	Kg	Longueur *Length*	Pour *For*
3655066	10	2360>2600	3655088 3655089



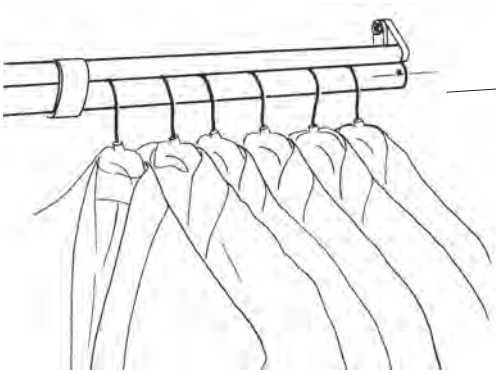
Barre télescopique aluminium brut, crémaillière courte, longueur L ajustable de 2300 à 2940 mm.
Self colour aluminium spring shoring bar, adjustable length L 2300 to 2940 mm.

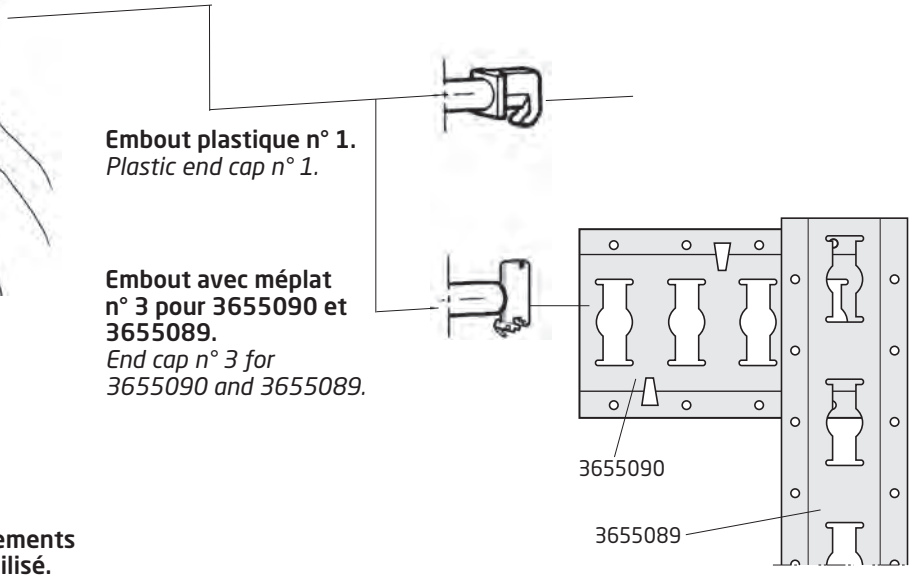
Référence *Reference*	Kg	Longueur *Length*
3655068	5,1	2300>2940



Barres télescopiques et porte-vêtements / *Telescopic rods and garment rails*

Barre porte-vêtements
Garment rails





Embout plastique n° 1.
Plastic end cap n° 1.

Embout avec méplat n° 3 pour 3655090 et 3655089.
End cap n° 3 for 3655090 and 3655089.

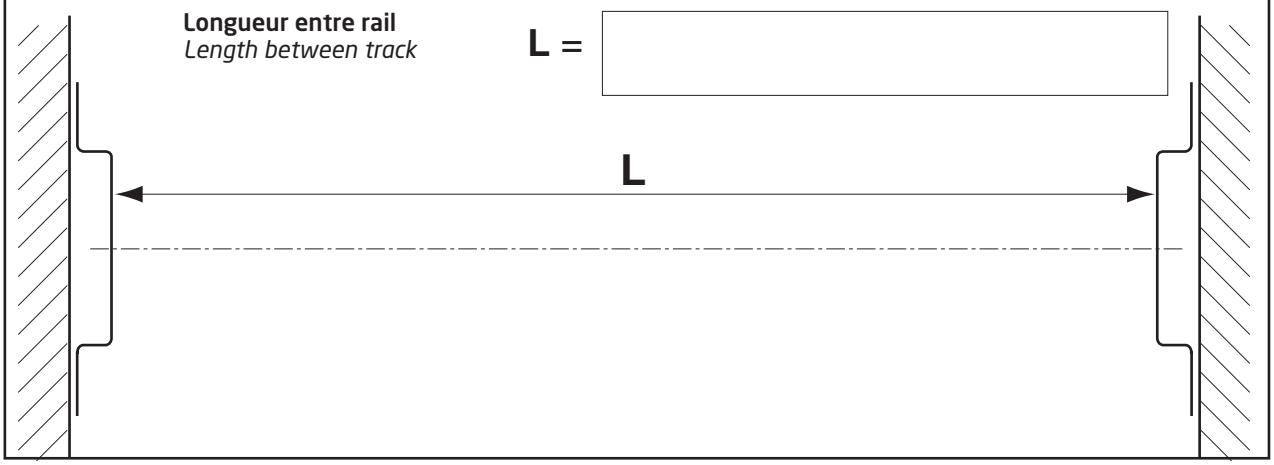
Barres porte-vêtements chromées ou zinguées. L'embout de barre porte-vêtements doit être adapté selon le type de rail utilisé. Longueur à la demande (relever la distance intérieure entre les parois du véhicule). Charge admissible utile : 250 kg.

Chromed or zinc plated garment rails. The garment end cap must be adapted to the used rail. Length: as required according distance between body sides. Rail capacity: 250 kg.

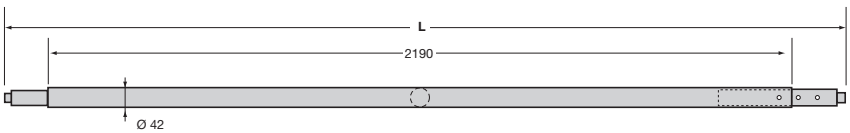
Rail utilisé : *Used track:* .....

Embout utilisé : *Used end cap:* .....

Longueur entre rail *Length between track* **L =**



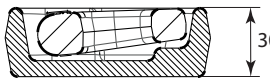
Barres télescopiques et porte-vêtements / *Telescopic rods and garment rails*

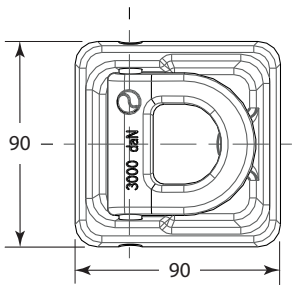


Barre télescopique, acier zingué, longueur L ajustable de 2220 mm à 2600 mm, avec embout Ø 24 mm, pour rail 3655086.
Zinc plated steel spring shoring bar, adjustable length L 2220 mm to 2600 mm, with tip Ø 24 mm, for 3655086 track.

Référence *Reference*	Kg	Longueur *Length*	Pour *For*
3655070	8,8	2220>2600	3655086

Anneaux d'arrimage / *Lashing rings*

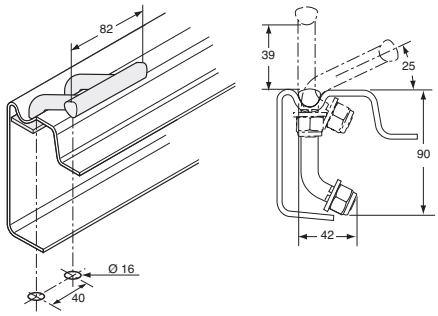




Anneau d'arrimage pivotant acier brut. Voir spécifications de soudage référence : 2905926FT. (Essai suivant EN12640)
Steel pivoting ring, self colour. See welding specifications reference: 2905926FT. (Test according to EN12640).

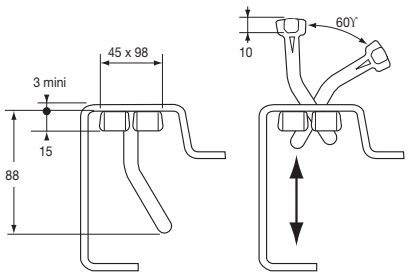
Référence *Reference*	Kg	Finition *Finish*	Capacité *Capacity*
3643838	1,185	Brut *Raw*	3 t

Anneaux d'arrimage / *Lashing rings*



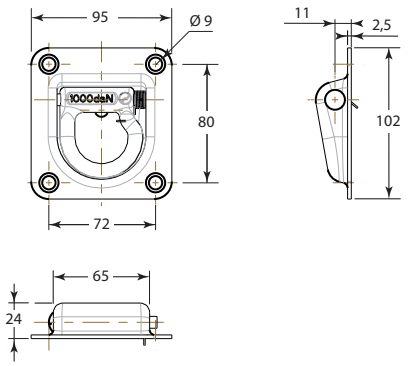
Anneau d'arrimage, acier zingué. (Essai suivant EN 12640)
Steel lashing ring, Zinc plated. (Test according to EN12640)

Référence *Reference*	Kg	C	Capacité *Capacity*
3643829	0,34	10	2,5 t



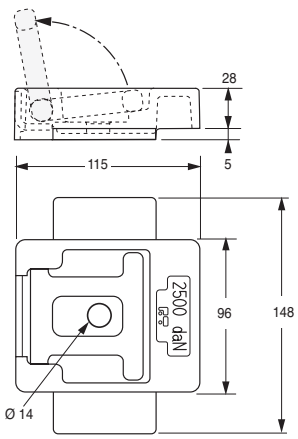
Anneau d'arrimage, acier zingué. Voir spécifications de soudage référence : 2905926FT. (Essai suivant EN 12640)
Steel lashing ring, Zinc plated. See welding specifications reference: 2905926FT. (Test according to EN12640)

Référence *Reference*	Kg	C	Capacité *Capacity*
3643828	0,55	25	3 t



Anneau d'arrimage pivotant avec ressort, acier galvanisé, montage par 4 vis FHC M6 classe 10.9, C = 40 Nm. (Essai suivant EN 12640).
Pivoting lashing ring with spring, galvanized, mounting by 4 screws FHC M6 class 10.9, C = 40 Nm. (Test according to EN12640).

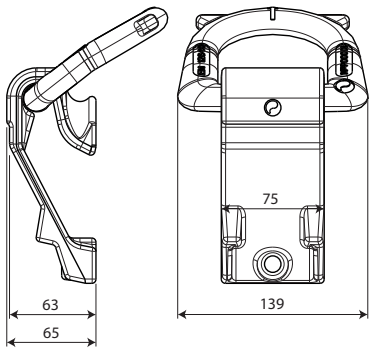
Référence *Reference*	Kg	Finition *Finish*	Capacité *Capacity*
3643837	0,396	Galvanisé *Galvanized steel*	1 t



Anneau d'arrimage pivotant, acier zingué, montage par 1 vis M14 classe 8.8, C = 111 Nm + 2 vis M10 classe 8.8, C = 40 Nm. (Essai suivant EN 12640)
Pivoting ring, zinc plated steel, mounting with 1 screw M14 class 8.8, C = 111 Nm + 2 screws M10 class 8.8, C = 40 Nm. (Test according to EN12640)

Référence *Reference*	Kg	Capacité *Capacity*
3643799	1,4	2,5 t

Anneaux d'arrimage / *Lashing rings*

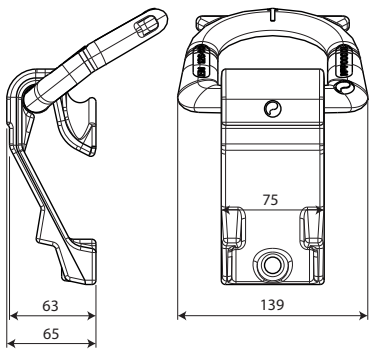


RC 10 SIRKLE

Kit de 2 anneaux d'arrimage civil 10 tonnes brut pour bord de rive avec pontet à souder. Voir spécifications de soudage ref 2905926FT. (Essai suivant EN 12640)

Kit of 2 civil lashing ring capacity 10t for edged side, with bracket to weld. See welding specifications reference 2905926FT. (Test according EN 12640)

Référence *Reference*	Kg	Finition *Finish*	Capacité *Capacity*
3643920	5,60	Brut *Raw*	10 t

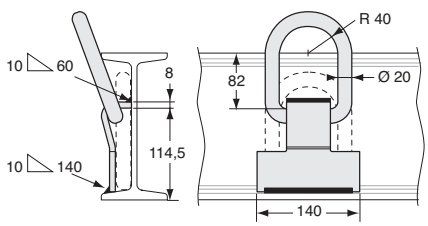


RC 10 SIRKLE

Kit de 2 anneaux d'arrimage civil 10 tonnes en zinc nickel passivé pour bord de rive avec pontet à visser. Montage par 3 vis M14 classe 12,9. (Essai suivant EN 12640)

Kit of 2 civil lashing ring capacity 10t for edged side, with bracket to screw. Mounting by 4 hexagonal screws M14 class 12.9. (Test according EN 12640)

Référence *Reference*	Kg	Finition *Finish*	Capacité *Capacity*
3643921	5,60	Zinc nickel passivé *Passivated nickel zinc*	10 t



Anneau d'arrimage, acier galvanisé. Voir spécifications de soudage référence : 2905926FT. (Essai suivant EN 12640)

Galvanized steel Lashing ring. See welding specifications reference: 2905926FT. (Test according to EN12640)

Référence *Reference*	Kg	Capacité *Capacity*
3643798AG	1,02	7 t

Support pour anneau 3643798AG. Voir spécifications de soudage référence : 2905926FT.

Bracket only for lashing ring 3643798AG. See welding specifications reference: 2905926FT.

Référence *Reference*	Kg
3643798	0,84

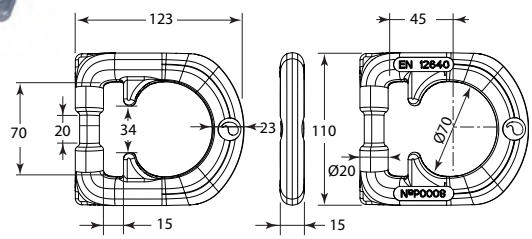
Anneaux d'arrimage / *Lashing rings*

RC 8

Kit d'anneau d'arrimage civil capacité 8T avec pontet à souder. Voir spécifications de soudage référence : 2905926FT. (Essai suivant EN12640)

Kit of civil lashing ring capacity 8t with bracket to weld. See welding specifi cations reference 2905926FT. (Test according EN12640)

Référence *Reference*	Kg	Finition *Finish*	Capacité *Capacity*
3643794SO	1,24	Brut *Raw*	8 t

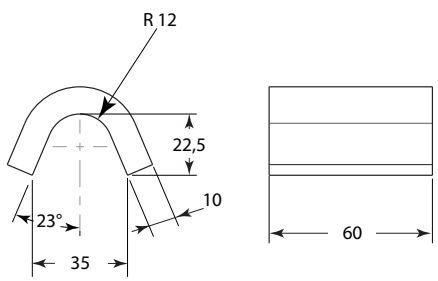


RC 8

Anneau civil seul capacité 8T suivant EN12640.

Civil lashing ring only capacity 8t according EN12640.

Référence *Reference*	Kg	Finition *Finish*	Capacité *Capacity*
3643794AB	0,90	Brut *Raw*	8 t
3643794AG	0,90	Galvanisé *Galvanized steel*	8 t



Support à souder pour anneau. Voir spécifications de soudage référence : 2905926FT.

Bracket to weld for rings. See welding specifications reference 2905926FT.

Référence *Reference*	Kg	Pour *For*	Finition *Finish*
3643907	0,34	3643904 3643905 3643794AB 3643794AG	Brut *Raw*

RC 13

Kit d'anneau d'arrimage civil capacité 13T avec pontet à souder. Voir spécifications de soudage référence : 2905926FT. (Essai suivant EN12640)

Kit of civil lashing ring capacity 13 t with bracket to weld. See welding specifi cations reference 2905926FT. (Test according EN12640)

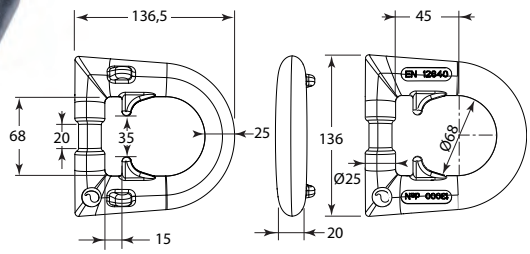
Référence *Reference*	Kg	Finition *Finish*	Capacité *Capacity*
3643908SO	1,80	Brut *Raw*	13 t

Anneaux d'arrimage / *Lashing rings*

RC 13

Kit d'anneau d'arrimage civil capacité 13T avec pontet à visser. Montage par 4 vis classe 10.9 M14 cylindrique hexagonale creuse. (Essai suivant EN12640)
Kit of civil lashing ring capacity 13t with bracket to screw. Mounting by 4 hexagonal cylindrical hollow screws M14 class 10.9. (Test according EN12640)

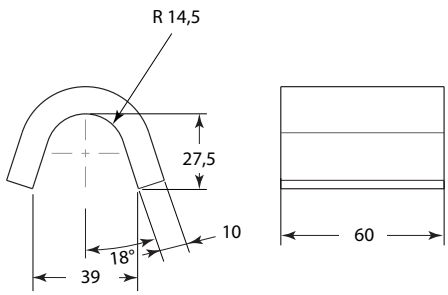
Référence *Reference*	Kg	Finition *Finish*	Capacité *Capacity*
3643909VI	2,03	Galvanisé *Galvanized steel*	13 t



RC 13

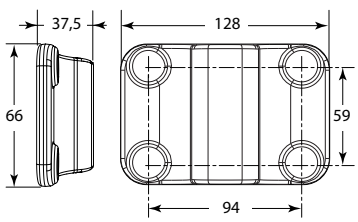
Anneau civil seul capacité 13T suivant EN12640.
Civil lashing ring only capacity 13t according EN12640.

Référence *Reference*	Kg	Finition *Finish*	Capacité *Capacity*
3643908AB	1,35	Brut *Raw*	13 t
3643908AG	1,35	Galvanisé *Galvanized steel*	13 t



Support à souder pour anneau. Voir spécifications de soudage référence : 2905926FT.
Bracket to weld for rings. See welding specifications Reference 2905926FT.

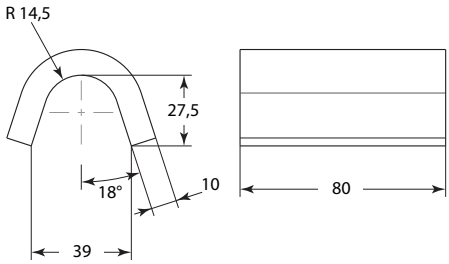
Référence *Reference*	Kg	Pour *For*	Finition *Finish*
3643909	0,45	3643908AB 3643908AG	Brut *Raw*



Support à visser pour anneau 13 t.
Bracket to screw for rings.

Référence *Reference*	Kg	Pour *For*	Finition *Finish*
3643908	0,68	3643908AB 3643908AG	Galvanisé *Galvanized steel*

Anneaux d'arrimage / *Lashing rings*



Support à souder pour anneau. Voir spécifications de soudage référence : 2905926FT.
Bracket to weld for rings. See welding specifications reference 2905926FT.

Référence *Reference*	Kg	Pour *For*	Finition *Finish*
3643788SU	0,54	3643902 3643903 3643788AB 3643788AG	Brut *Raw*

RC 16

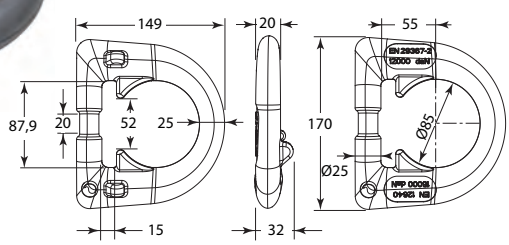
Kit d'anneau d'arrimage civil 16T avec pontet à souder. Voir spécifications de soudage référence : 2905926FT. (Capacité 16 tonnes suivant essai EN12640 et capacité 12 tonnes suivant essai EN29367-2).
Kit of civil lashing ring capacity with bracket to weld. See welding specifi cations reference 2905926FT. (Capacity 16 tons according EN12640 and capacity 12 tons according test EN29367-2).

Référence *Reference*	Kg	Finition *Finish*	Capacité *Capacity*
3643788	2,31	Brut *Raw*	16 t - 12 t

RC 16

Kit d'anneau d'arrimage civil 16T avec pontet à visser. Montage par 4 vis classe 10.9 M14 cylindrique hexagonale creuse. (Capacité 16 tonnes suivant essai EN12640 et capacité 12 tonnes suivant essai EN29367-2).
Kit of civil lashing ring with bracket to screw. Mounting by 4 hexagonal cylindrical hollow screws M14 class 10.9 (capacity 16 tons according EN12640 and capacity 12 tons according test EN29367-2).

Référence *Reference*	Kg	Finition *Finish*	Capacité *Capacity*
3643789VI	2,67	Galvanisé *Galvanized steel*	16 t - 12 t

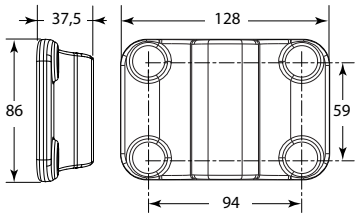


RC 16

Anneau civil seul capacité 16T suivant EN12640 et 12T suivant EN29367-2.
Civil lashing ring only capacity 16t according EN12640 and capacity 12t according EN29367-2.

Référence *Reference*	Kg	Finition *Finish*	Capacité *Capacity*
3643788AB	1,77	Brut *Raw*	16 t - 12 t
3643788AG	1,77	Galvanisé *Galvanized steel*	16 t - 12 t

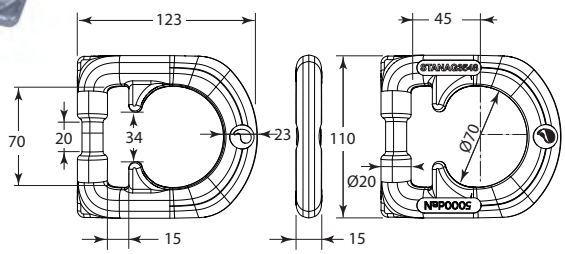
Anneaux d'arrimage / *Lashing rings*



Support à visser pour anneau. Montage par 4 vis classe 10,9 M14 cylindrique hexagonale creuse.
Bracket to screw for rings. Mounting by 4 hexagonal cylindrical hollow screws M14 class 10,9.

Référence *Reference*	Kg	Pour *For*	Finition *Finish*
3643906	0,90	3643902 3643903 3643788AB 3643788AG	Galvanisé *Galvanized steel*

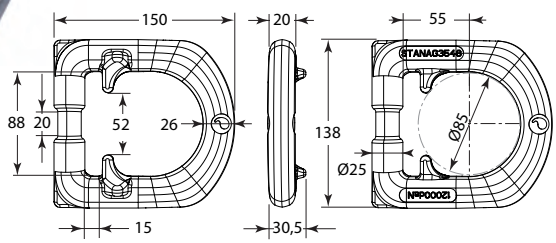
RM 5



Anneau militaire seul capacité 5T suivant STANAG 3548.
Military lashing ring only capacity 5t according STANAG 3548.

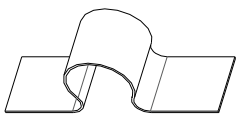
Référence *Reference*	Kg	Finition *Finish*	Capacité *Capacity*
3643904	0,90	Brut *Raw*	5 t
3643905	0,90	Galvanisé *Galvanized steel*	5 t

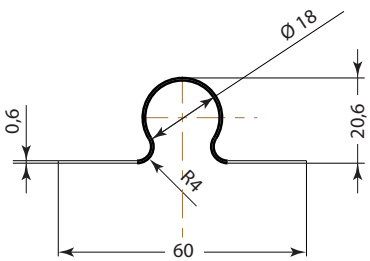
RM 12



Anneau militaire seul capacité 12T suivant STANAG 3548.
Military lashing ring only capacity 12t according STANAG 3548.

Référence *Reference*	Kg	Finition *Finish*	Capacité *Capacity*
3643902	1,76	Brut *Raw*	12 t
3643903	1,76	Galvanisé *Galvanized steel*	12 t

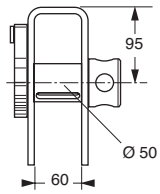




Ressort de maintien pour support à visser.
Retaining spring for bracket.

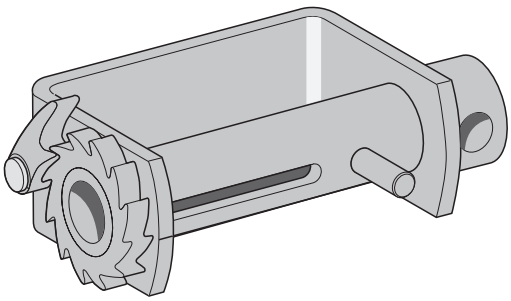
Référence *Reference*	Pour *For*	Finition *Finish*
3643910	3643908 3643906	Acier inoxydable *Stainless steel*

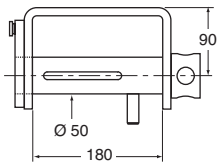
Enrouleurs tours de cablâges / *Lashing drums*



Tour de câblage pour sangle de 50 mm x 10 m, acier peint, charge rupture : 5 t.
Painted steel lashing drum for 50 mm x 10 m lashing strap, break strength : 5 t.

Référence *Reference*	Kg
3644269	3,59



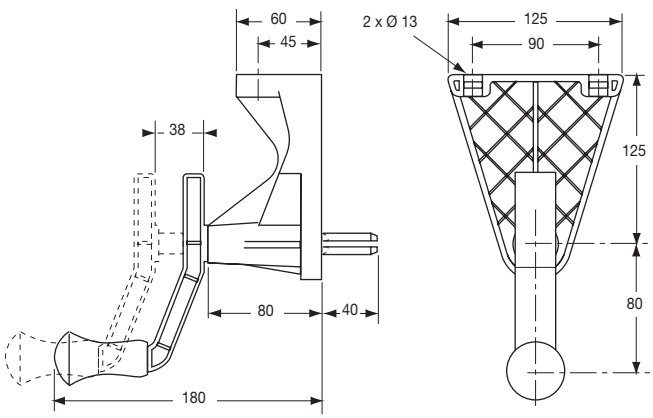


Tour de câblage mixte, sangle de 100 mm, acier peint, charge rupture : 8 t.
Mixed painted steel lashing drum, for 100 mm lashing strap, breaking strength : 8 t.

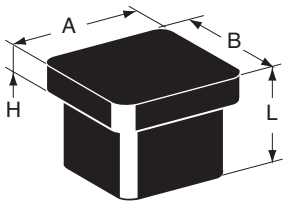
Référence *Reference*	Kg
3644266S	4,585

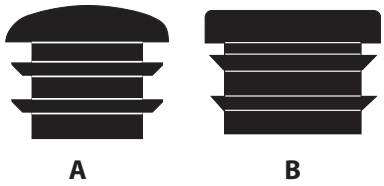
Enrouleur de sangle.
Webbing winder.

Référence *Reference*	Kg
3644268	0,3



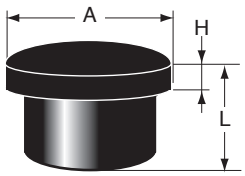
Embouts et butées / *Brackets and stops*





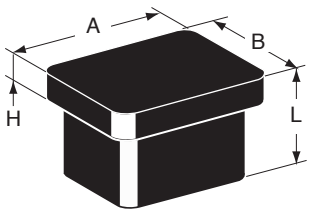
Embout de tube. Pour tube épaisseur X.
End cap for tubes thickness X.

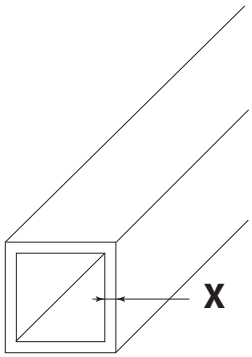
Référence *Reference*	Kg	A (mm)	B (mm)	L (mm)	X (mm)	H (mm)	Type *Type*
3950101	0,004	25	25	18	1,5	3	B
3950296	0,105	100	100	46	4	7	B
3950298	0,014	40	40	27	1,5	7	B
3950299	0.007	35	35	21	1,5	5	A
3950300	0.005	30	30	18	1,5	3	B



Embout de tube.
End cap for tubes.

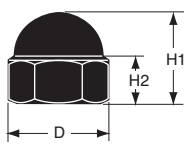
Référence *Reference*	A (mm)	L (mm)	H (mm)	Pour *For*
3950108	40	28	7	
3950297	32	26	5	26 x 34





Embout de tube. Pour tube épaisseur X.
End cap for tubes thickness X.

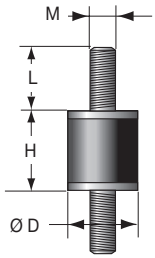
Référence *Reference*	Kg	A (mm)	B (mm)	L (mm)	X (mm)	H (mm)
3110384EM	0,03	120	40	20	3	5
3950114	0,009	55	35	20	1,5	5
3950116	0,019	80	40	25	2,5	5



Cache-écrou.
Nut drop.

Référence *Reference*	Ø	D (mm)	H (mm)	h (mm)
3950125	M10	21,3	18.5	9

Embouts et butées / *Brackets and stops*



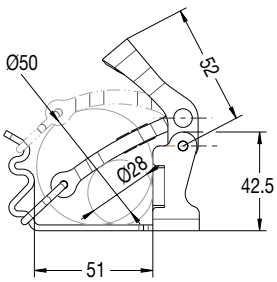
Silentbloc.
Silent block.

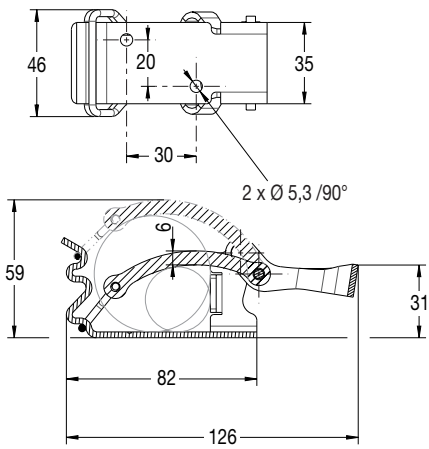
Référence *Reference*	Ø D (mm)	L (mm)	H (mm)	M (mm)
5102522	25	20	22	8

Supports portes outils à sangle / *Tool stowage clamp with belt*

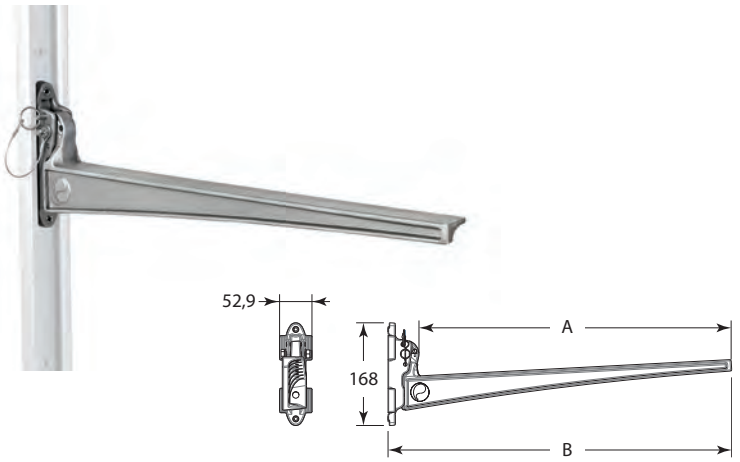
Support porte outils pour Ø 28 à Ø 50 mm, acier zingué et sangle caoutchouc noir.
Tool stowage clamp for Ø 28 to Ø 50 mm, zinc plated steel and black rubber strap.

Référence *Reference*	Kg
3543500	0,135



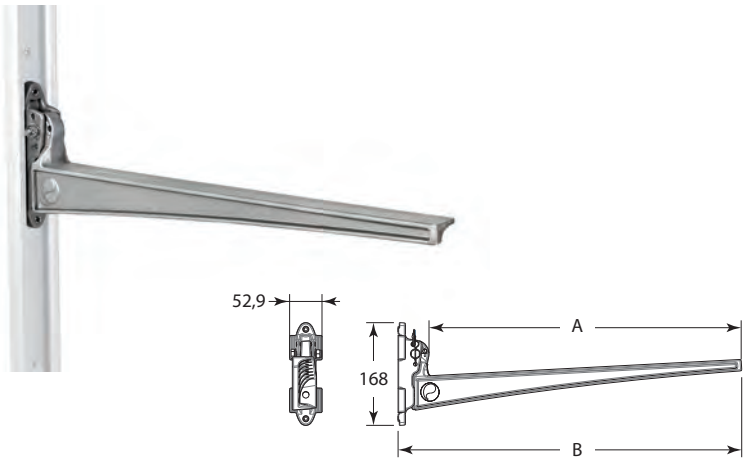


Bras d'étagères / *Shelf brackets*



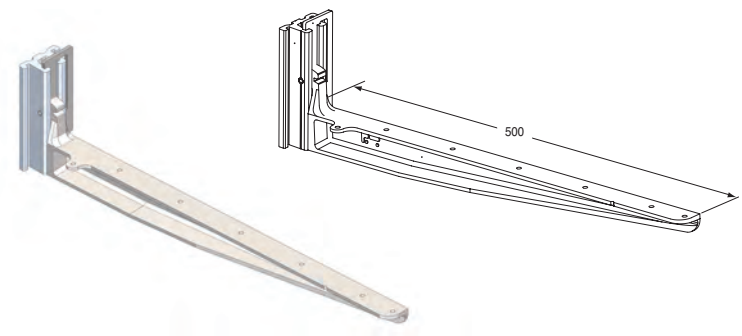
Etagère aluminium multipositions avec verrouillage.
Lockable aluminium multiposition shelf bracket.

Référence *Reference*	Kg	A (mm)	B (mm)
3744470	0,80	421	470
3744472	0,85	510	561
3744474	0,90	599	648



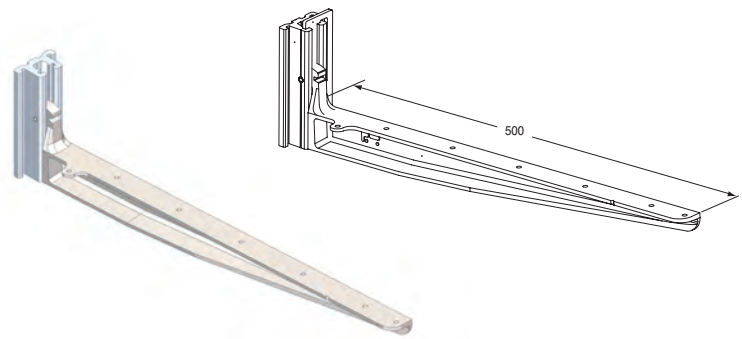
Etagère aluminium multipositions sans verrouillage.
Non-lockable aluminium multiposition shelf bracket.

Référence *Reference*	Kg	A (mm)	B (mm)
3744470SB	0,785	421	470
3744472SB	0,835	510	561
3744474SB	0,885	599	648



Bras aluminium peint, percé avec verrouillage.
Painted aluminium shelving arm, predrilled, with locking catch.

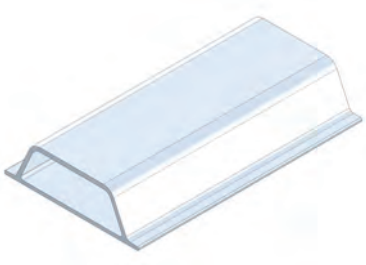
Référence *Reference*	Kg
3744491	0,84

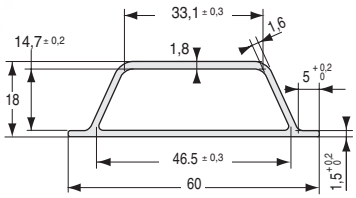


Bras aluminium peint, percé sans verrouillage.
Painted aluminium shelving arm, predrilled, no locking catch.

Référence *Reference*	Kg
3744490	0,76

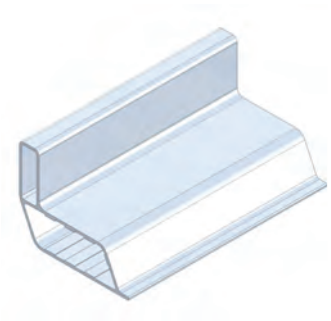
Profils clayettes / *Shelf profiles*

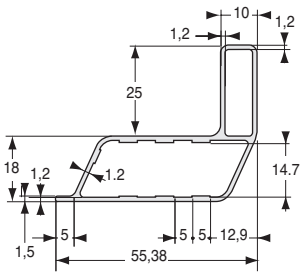




Profil clayette simple aluminium anodisé.
Anodized aluminium standard shelf profile.

Référence *Reference*	Longueur *Length*
3744492	4250





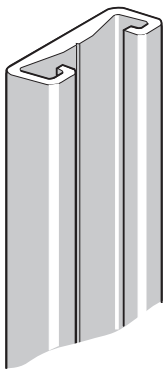
Profil clayette à bordure aluminium anodisé.
Anodized aluminium front shelf profile.

Référence *Reference*	Longueur *Length*
3744493	4250

Accessoires / *Accessories*

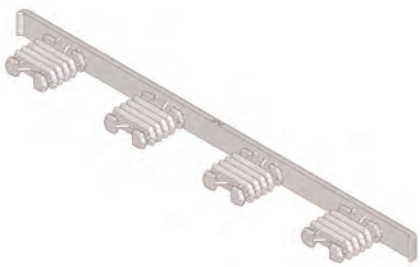
Plaquette arrêtoir plastique gris.
Grey plastic fixing piece.

Référence *Reference*	Kg	Pour *For*
3744481	0,005	3744470 3744472 3744474
3744494	0,005	3744490 3744491



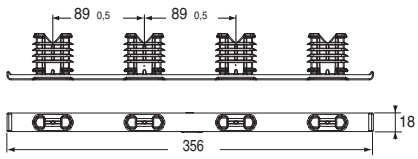
Rail aluminium anodisé.
Anodized aluminium channel.

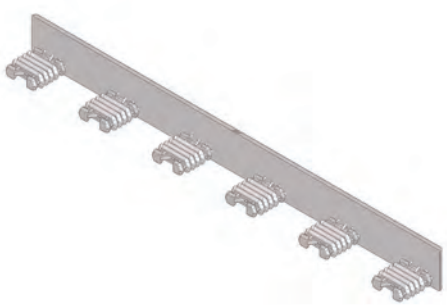
Référence *Reference*	Longueur *Length*
3744597AN	5000



Embout court plastique gris.
Grey plastic end cap, short.

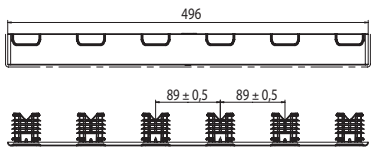
Référence *Reference*	Kg
3744496	0,065



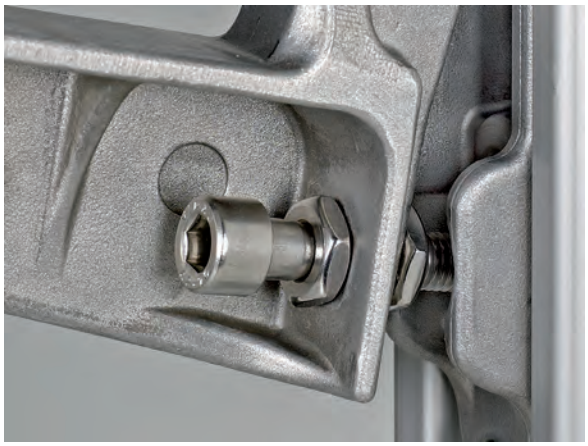


Embout long plastique gris.
Grey plastic end cap, high.

Référence *Reference*	Kg
3744495	0,153

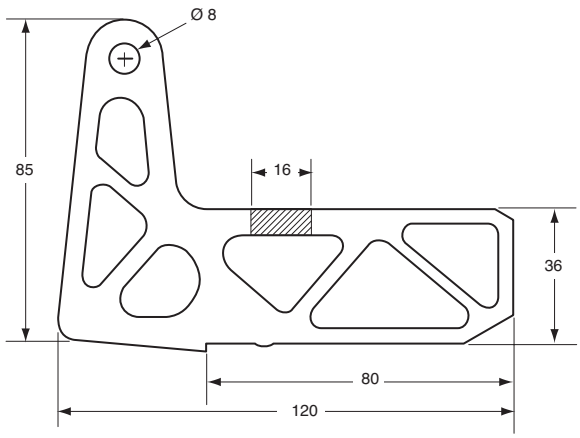


Accessoires / *Accessories*



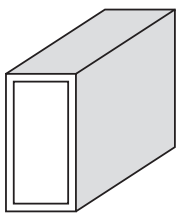
Kit de réglage d'inclinaison pour bras d'étagère.
Tilt adjustment kit.

Référence *Reference*	Kg	Pour *For*
3744483	0,015	3744470 3744470SB 3744472 3744472SB 3744474 3744474SB



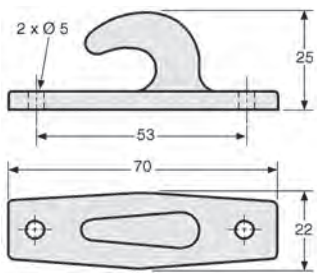
Potence aluminium brut.
Self colour aluminium bracket.

Référence *Reference*	Kg
3744592SU	0,13



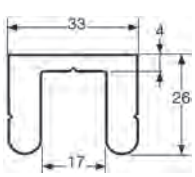
Tube aluminium brut 40 x 20 x 2.
Self colour aluminium tube 40 x 20 x 2.

Référence *Reference*	Longueur *Length*
3744591BR	3000



Crochet plastique gris.
Grey plastic hook.

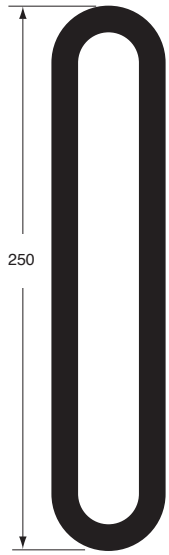
Référence *Reference*	Kg
3744591CR	0,015



Support aluminium brut, non percé.
Self colour aluminium support, not drilled.

Référence *Reference*	Longueur *Length*
3744590	4200

Accessoires / *Accessories*

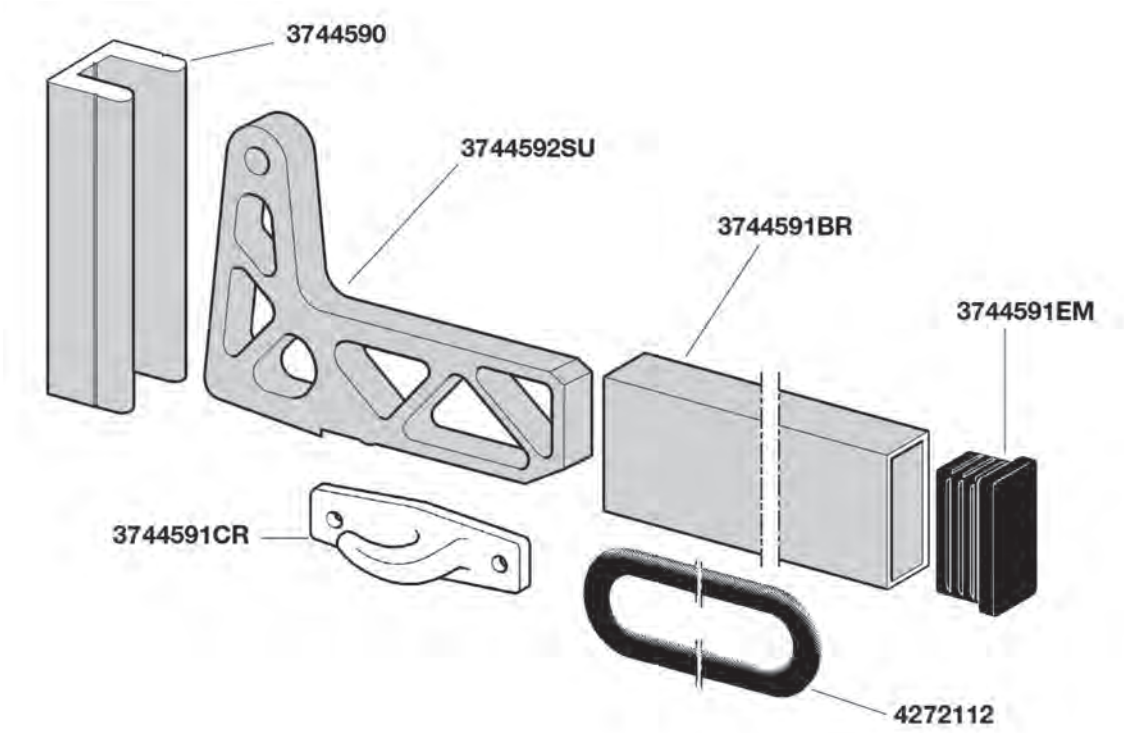


Anneau caoutchouc Ø 8.
Rubber ring Ø 8.

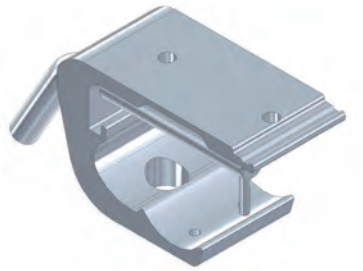
Référence *Reference*	Kg	Ø (mm)
4272112	0,025	8

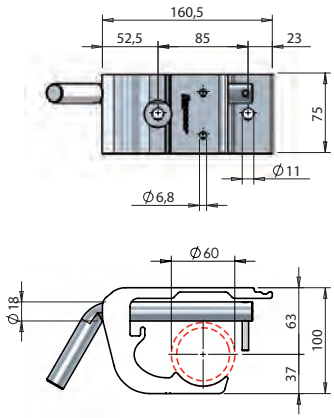
Embout plastique pour tube 40 x 20 x 2.
Plastic cap for tube 40 x 20 x 2.

Référence *Reference*	Kg
3744591EM	0,01



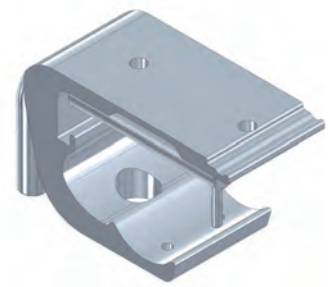
Accessoires pour penderies tubulaire / *Tubular system accessories*

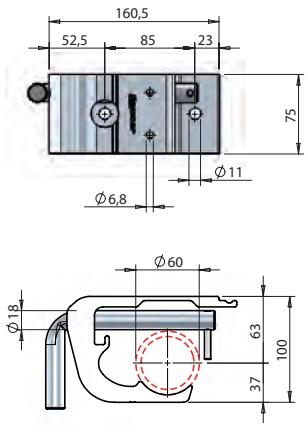




Chaise pour tube Ø 60 avec verrou à 45°. Capacité maximale de charge 500 kg. Montage tous les 600 mm.
Tubular hook rail support brackets Ø 60 with 45° handle. Max. loading capacity 500 kg. Max. distance between support anchor points 600 mm.

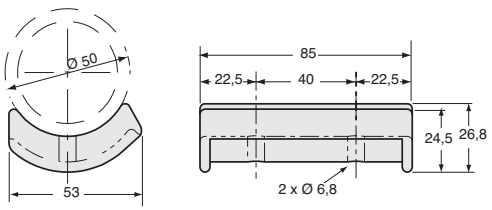
Référence *Reference*	Kg	Finition *Finish*
801110883	1,26	Aluminium anodisé (e) *Anodized aluminium*





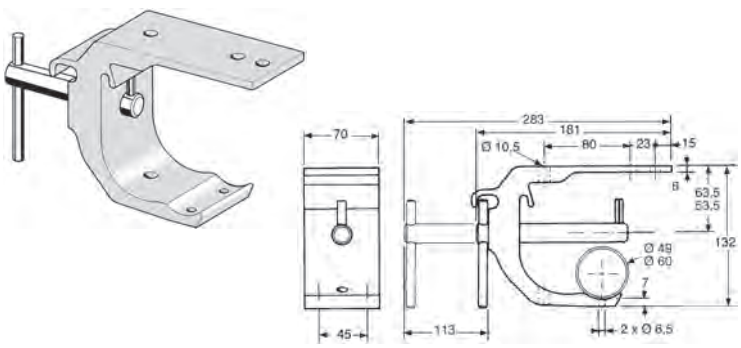
Chaise pour tube Ø 60 avec verrou à 90°. Capacité maximale de charge 500 kg. Montage tous les 600 mm.
Tubular hook rail support brackets Ø 60 with 90° handle. Max. loading capacity 500 kg. Max. distance between support anchor points 600 mm.

Référence *Reference*	Kg	Finition *Finish*
801111420	1,260	Aluminium anodisé (e) *Anodized aluminium*



Entretoise plastique pour tube Ø 50 mm pour chaise 801110883 et 801111420.
Plastic packer for tube Ø 50 mm for support 801110883 and 801111420.

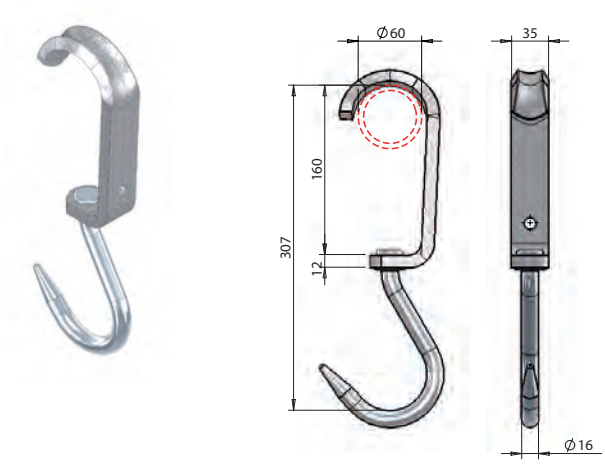
Référence *Reference*	Kg	Ø
801110477	0,125	50



Chaise en aluminium filé brut pour tube avec verrou inox, charge: 400 kg.
Raw aluminium mounting bracket for tube, with stainless steel bolt, load: 400 kg.

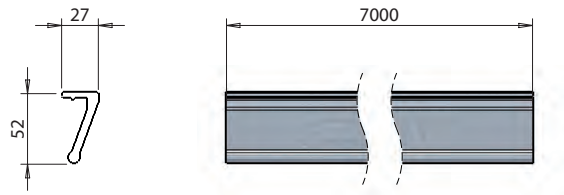
Référence *Reference*	Kg	Ø
3744515	1,34	49
3744516	1,34	60

Accessoires pour penderies tubulaire / *Tubular system accessories*



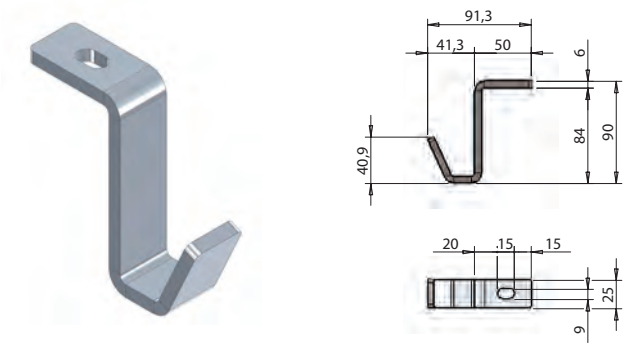
Crochet à viande Ø 16, inox, avec support glissière zingué pour tube Ø 60. Charge statique maxi : 750 kg.
Stainless steel hook Ø 16, complete with zinc plated shackle for tubular rails Ø 60. Max static capacity load : 750 kg.

Référence *Reference*	Kg
801108500	1,38



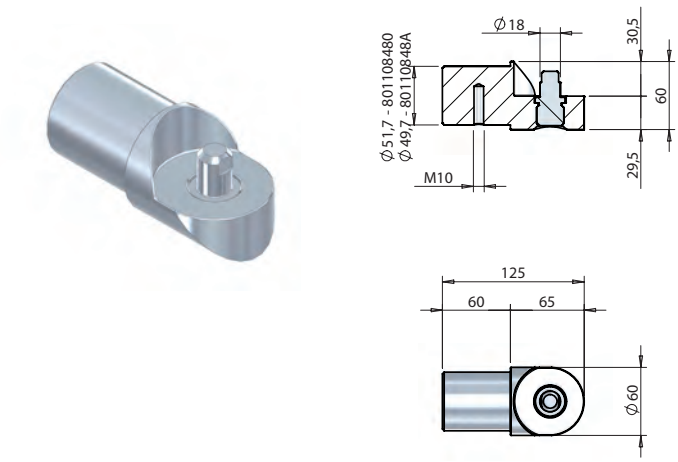
Profil de sécurité aluminium pour 801110883 et 801111420.
Aluminium security rail for 801110883, 801111420.

Référence *Reference*	Longueur *Length*
801110476	7000



Support inox pour stationnement de crochets.
Stainless steel storage bracket used to park hooks.

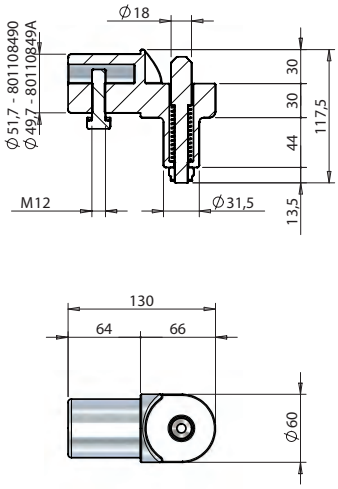
Référence *Reference*	Kg
801100044	0,205



Pièce de jonction aluminium avec verrou fixe, norme DIN.
Aluminium meat rail end-connector with fixed bolt, DIN standard.

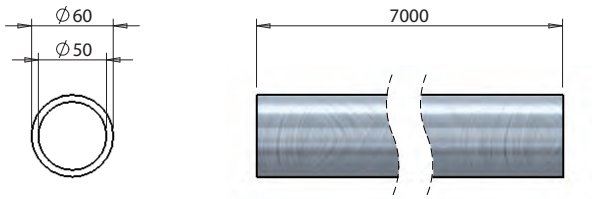
Référence *Reference*	Kg	Ø A
801108480	0,675	51,7
80110848A	0,675	49.7

Accessoires pour penderies tubulaire / *Tubular system accessories*



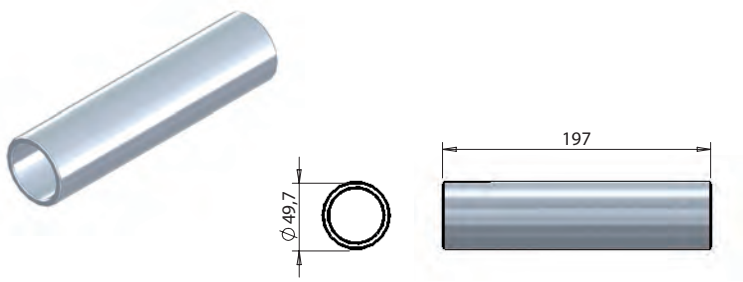
Pièce de jonction aluminium avec verrou inox, norme DIN.
Aluminium meat rail end-connector with stainless steel movable bolt, DIN standard.

Référence *Reference*	Kg	Ø A
801108490	0,75	51,7
80110849A	0,75	49.7



Tube Ø 60 x 5 x 7000 mm.
Tubular hook rail Ø 60 x 5 x 7000 mm.

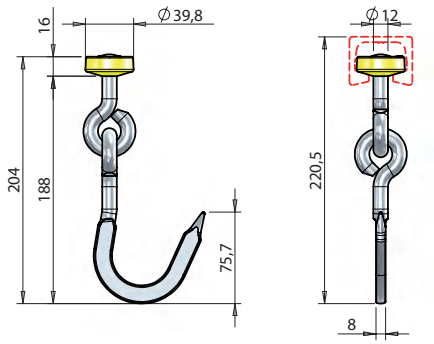
Référence *Reference*	Finition *Finish*
801107427	Aluminium *Aluminium*



Raccord pour tube Ø 60.
Connector for tubular hook rail Ø 60.

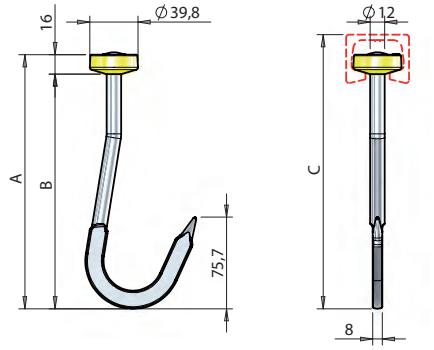
Référence *Reference*	Kg	Finition *Finish*
80110743A	0,370	Aluminium *Aluminium*

Accessoires pour penderies sur rail / *Rail system accessories*



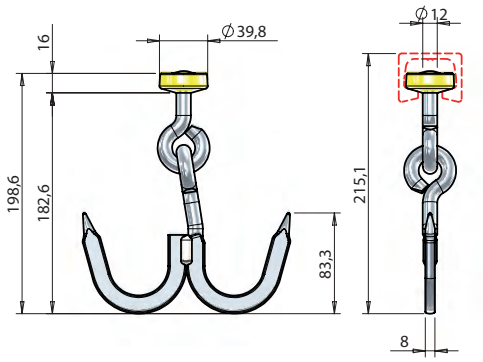
Crochet à viande Ø 12 inox, charge statique maxi : 675 kg.
Stainless steel flat type, straight hook Ø 12, max load capacity (static) 675 kg.

Référence *Reference*	Kg	Ø
800508362	0,41	12



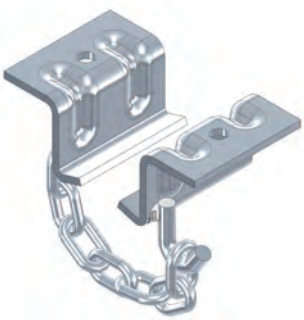
Crochet à viande Ø 12 inox, charge statique maxi : 600 kg.
Stainless steel flat type, straight hook Ø 12, max load capacity (static) 600 kg.

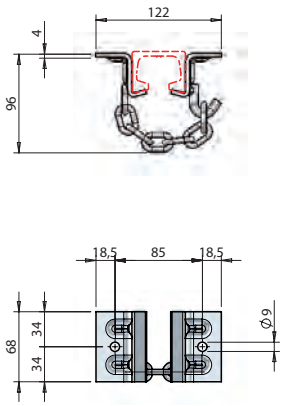
Référence *Reference*	Kg	Ø	A (mm)	B (mm)	C (mm)
800508530	0,295	12	210	194	226,50
800510218	0,295	12	161	145	177,50



Crochet à viande, double, Ø 12 longueur 190 mm.
Double hook with shackle Ø 12 length 190 mm.

Référence *Reference*	Kg	Finition *Finish*
800500052	0,550	Acier inoxydable *Stainless steel*

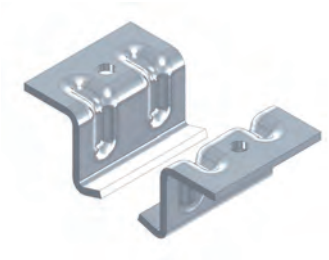


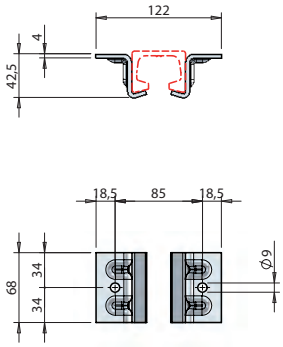


Plaquettes inox pour fixation de la glissière avec chaîne.
Stainless steel support brackets for fixing meat rail with chain.

Référence *Reference*	Kg
800507270	0,442

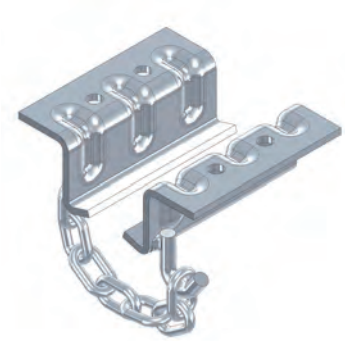
Accessoires pour penderies sur rail / *Rail system accessories*

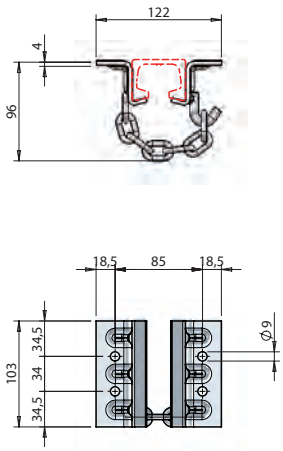




Plaquettes inox pour fixation de la glissière sans chaîne.
Stainless steel support brackets for fixing meat rail without chain.

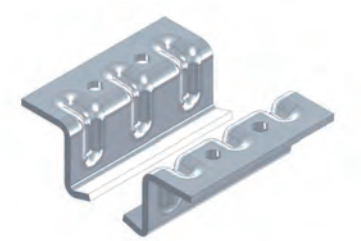
Référence *Reference*	Kg
800507260	0,335

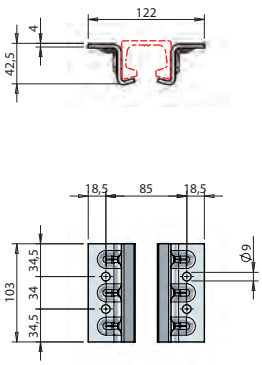




Plaquettes inox pour fixation de la glissière et du profil courbe avec chaîne.
Stainless steel support brackets for fixing meat rail and curve with chain.

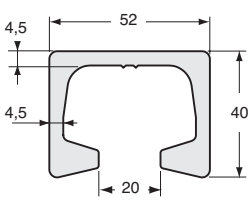
Référence *Reference*	Kg
800507282	0,615





Plaquettes inox pour fixation de la glissière et du profil courbe sans chaîne.
Stainless steel support brackets for fixing meat rail and curve without chain.

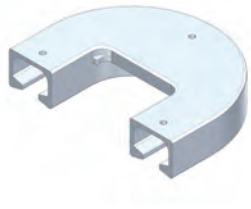
Référence *Reference*	Kg
800507280	0,515

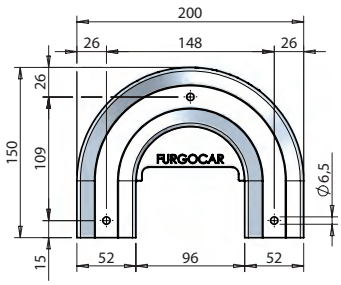


Profil glissière aluminium anodisé.
Rail profile aluminium anodized.

Référence *Reference*	Longueur *Length*
800507246	6000
800507247	7000

Accessoires pour penderies sur rail / *Rail system accessories*

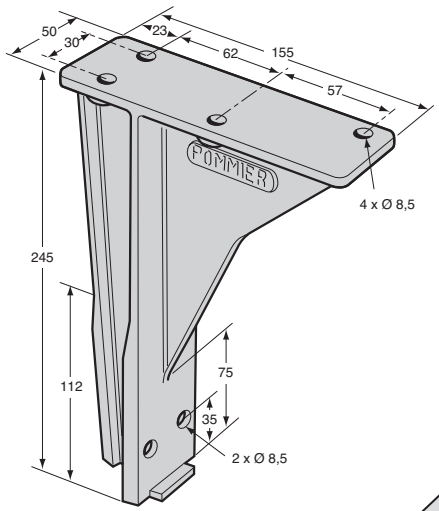




Profil courbe aluminium pour profil glissière 52 x 40.
Aluminium curve profile for rail 52 x 40.

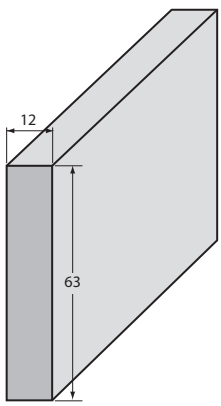
Référence *Reference*	Kg
800507251	0,75

Accessoires / *Accessories*



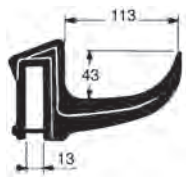
Support de penderie en aluminium, charge : 250 kg.
Mounting bracket for meat support bar, load: 250 kg.

Référence *Reference*	Kg
3744507	0,65



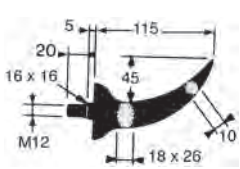
Profil aluminium plat.
Aluminium profile.

Référence *Reference*	Longueur *Length*
3744501BR	5000



Crochet coulissant en aluminium, se monte sur plat aluminium de 63 x 12 mm.
Aluminium sliding hook fot flat aluminium bar 63 x 12 mm.

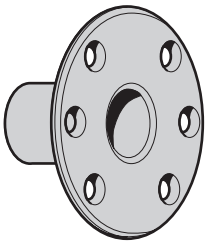
Référence *Reference*	Kg
3744509	0,25

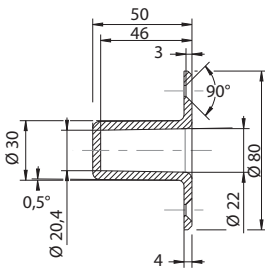


Crochet fixe autobloquant en aluminium.
Self-locking aluminium meat hook.

Référence *Reference*	Kg
3744508	0,175

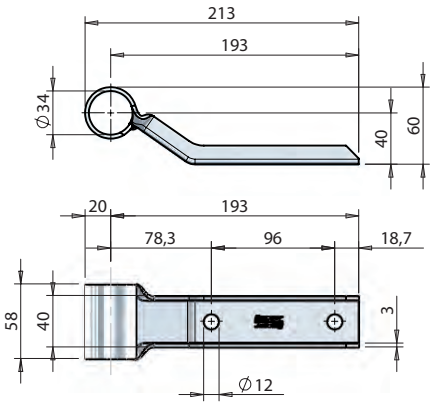
Accessoires / *Accessories*





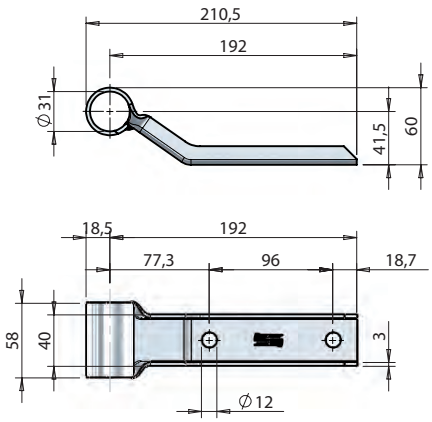
Arrêtoir de grille en aluminium.
Aluminium grill retainer.

Référence *Reference*	Kg
3744610	0,07



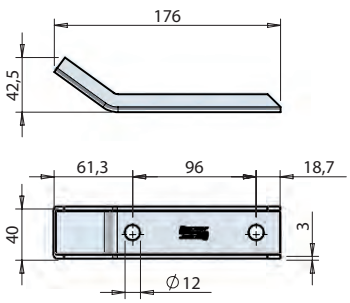
Support pour tube latéral 1 1/4".
Support bracket for lateral 1 1/4" tube.

Référence *Reference*	Kg	Finition *Finish*
801607360	0,400	Acier inoxydable *Stainless steel*



Support pour tube latéral Ø 30 mm.
Support bracket for lateral tube Ø 30 mm.

Référence *Reference*	Kg	Finition *Finish*
801607350	0,390	Acier inoxydable *Stainless steel*



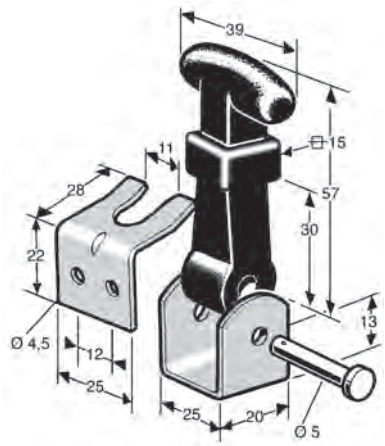
Support pour tube latéral, à souder.
Weld-on support bracket for lateral tube.

Référence *Reference*	Kg	Finition *Finish*
801607370	0,245	Acier zingué *Zinc plated*
801607371	0,245	Acier inoxydable *Stainless steel*

OUVRANTS
OPENINGS

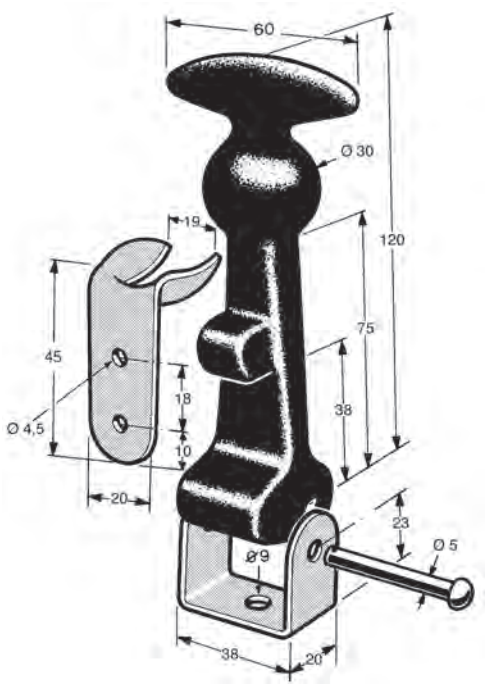
ATTACHES / *FASTENERS*
POIGNÉES, SERRURES ET LOQUETEAUX / *HANDLES, LOCKS AND LATCHES*
FERMETURES 1 POINT / *1 POINT LOCKING SYSTEM*
FERMETURES ET SERRURES DE CABINES / *CABIN LOCKING SYSTEMS*
CRÉMONES À TRINGLE / *ROD LOCK*
CRÉMONES EN APPLIQUE / *EXTERNAL LOCKING GEAR*
CRÉMONES À ENCASTRER / *RECESSED LOCKING GEAR KIT*
CRÉMONES POUR PORTES SANS SAILLIE / *LOCKING GEAR KIT FOR FLUSH DOOR*
PENTURES / *HINGES*
CHAPES / *HINGE BRACKETS*
AXES / *AXLES*
CHARNIÈRES AVEC PASSAGE DE JOINT / *HINGES WITH OVER SEAL SPACE*
CHARNIÈRES À ENCASTRER / *RECESSED HINGES*
CHARNIÈRES PLANES / *FLAT HINGES*
CHARNIÈRES CONTINUE / *CONTINUOUS HINGES*
PAUMELLES / *LIFT-OFF HINGES*
PORTES / *DOORS*
ARRÊTS DE PORTES / *DOOR RETAINERS*
RIDELLES / *DROPSIDES*
FERMETURES ET ACCESSOIRES / *LOCKS AND ACCESSORIES*
COMPOSANTS DE RIDELLES / *DROPSIDES COMPONENTS*
TENSION DE BÂCHES / *CURTAIN TENSIONING*
TRAPPES DE VENTILATION / *VENTILATION DOOR*
RELEVEURS DE CLOISON / *PARTITION WALL POWER LIFT*

Attaches capots / *Bonnet fasteners*



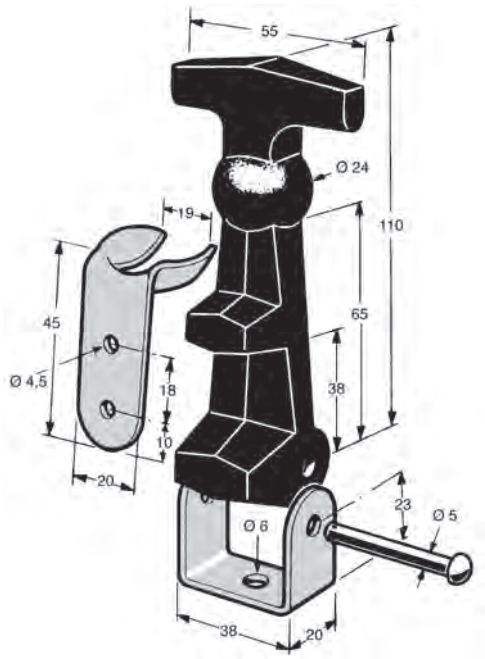
Attache capot complet zingué.
Zinc plated complete bonnet fastener.

Référence *Reference*	Kg
0936841	0,053



Attache capot complet zingué.
Zinc plated complete bonnet fastener.

Référence *Reference*	Kg
0903685	0,135



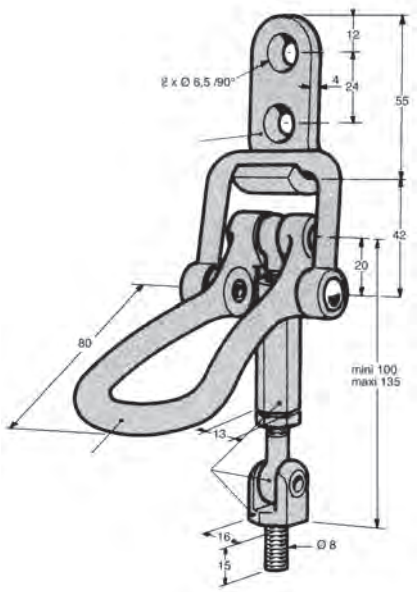
Attache capot complet.
Complete bonnet fastener.

Référence *Reference*	Kg	Finition *Finish*
0903684	0,122	Zingué *Zinc plated*
0903684IN	0,122	Inox *Stainless steel*

Attache capot complet zingué.
Zinc plated complete bonnet fastener.

Référence *Reference*	Kg
0903687	0,2

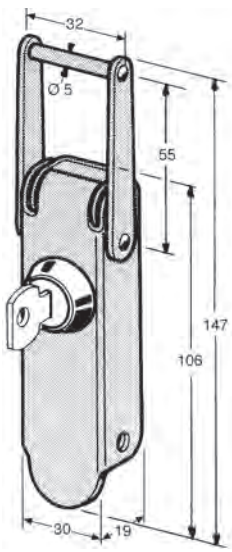
Attaches capots / *Bonnet fasteners*



Attache capot excentrique.
Bonnet fastener with cam.

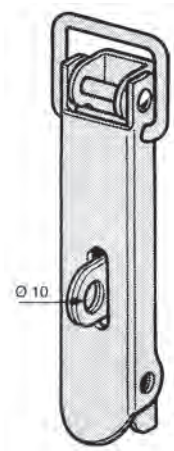
Référence *Reference*	Kg
0937050	0,285

Grenouillères et crochets / *Toggle fasteners and hooks*



Grenouillère à condamnation, acier, anneau en inox.
Steel toggle fastener with locking cylinder and stainless steel ring.

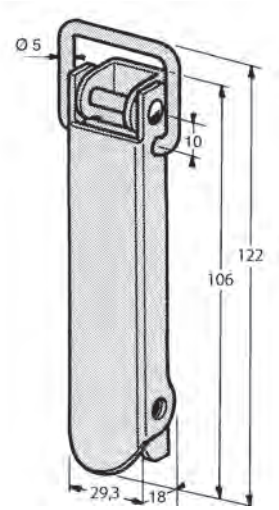
Référence *Reference*	Kg	Finition *Finish*
0944543	0,21	Zingué *Zinc plated*
0944543IN	0,21	Inox *Stainless steel*



Grenouillère. Dimensions identiques au 0904454.
Toggle fastener. Identical dimensions as 0904454.

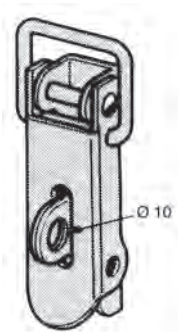
Référence *Reference*	Kg
0944540	0,17

Grenouillères et crochets / *Toggle fasteners and hooks*



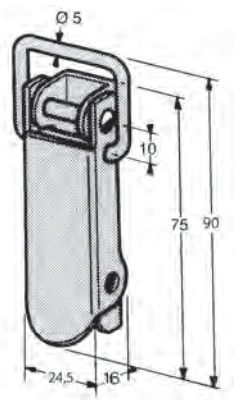
Grenouillère.
Toggle fastener.

Référence *Reference*	Kg
0904454	0,14



Grenouillère. Dimensions identiques au 0904453.
Toggle fastener. Identical dimensions as 0904453.

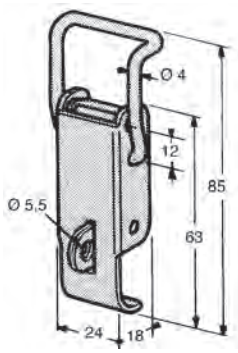
Référence *Reference*	Kg
0944530	0,11



Grenouillère.
Toggle fastener.

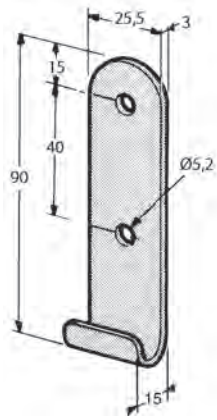
Référence *Reference*	Kg
0904453	0,1

Grenouillères et crochets / *Toggle fasteners and hooks*



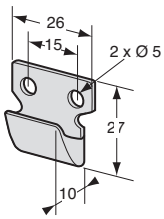
Grenouillère.
Toggle fastener.

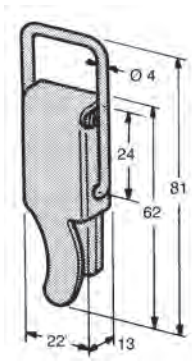
Référence *Reference*	Kg
0944521	0,05



Crochet droit.
Hook.

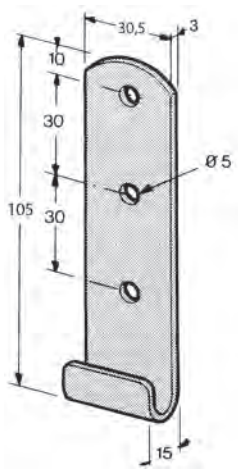
Référence *Reference*	Kg
0944531	0,05





Grenouillère avec (*) ou sans crochet (**).
Steel toggle fastener with (*) or without hook (**).

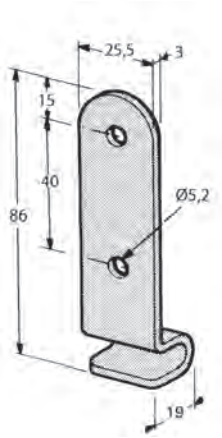
Référence *Reference*	Kg	Finition *Finish*
0944520IN	0,05	Inox *Stainless steel*
0944520ZI	0,05	Zingué *Zinc plated*



Crochet droit.
Hook.

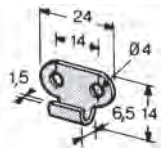
Référence *Reference*	Kg
0944541	0,09

Grenouillères et crochets / *Toggle fasteners and hooks*



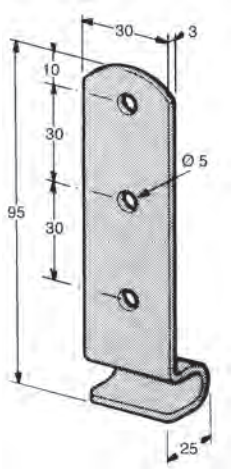
Crochet coudé.
Hook.

Référence *Reference*	Kg
0944532	0,06



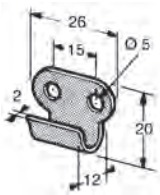
Crochet.
Hook.

Référence *Reference*	Kg
0944523	0,005



Crochet coudé.
Hook.

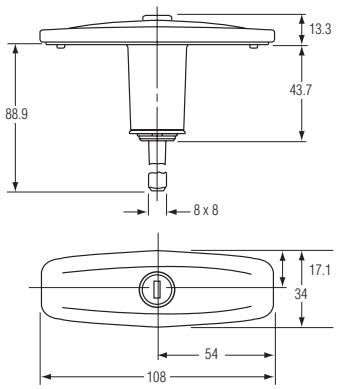
Référence *Reference*	Kg
0944542	0,09



Crochet.
Hook.

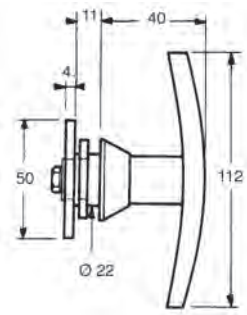
Référence *Reference*	Kg
0944522ZI	0,005

Poignées et contrepoignées / *Handles and inner handles*



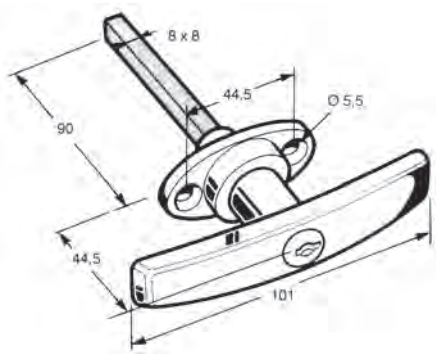
Poignée en T escamotable à condamnation à clé, acier laqué noir. Livré avec joint caoutchouc. Clés variées.
Fluch mounted pop-up T handle, black powder coated, delivred with a rubber seal. Various key.

Référence *Reference*	Kg	Rotation *Rotation*
2311738-05	0,26	90°



Poignée à clé zamak chromé.
Chrome plated zinc alloy locking handle.

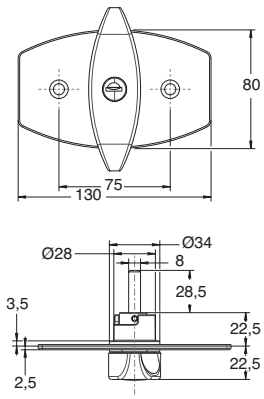
Référence *Reference*	Kg	Rotation *Rotation*
1839962	0,23	90°



Poignée zamak chromé, à combinaisons variées (*), clés identiques (**).
Chrome plated zinc alloy locking handle, with various keys (*), same keys (**).

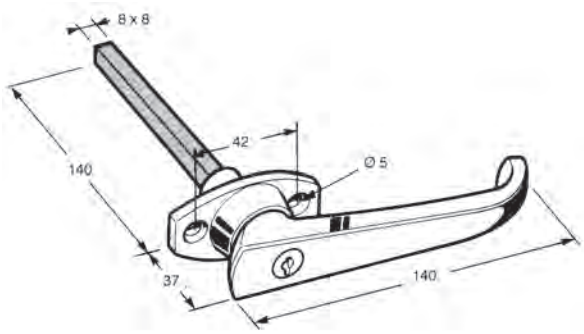
Référence *Reference*	Kg	Type *Type*	Rotation *Rotation*
1841101CV	0,245	*	360°
1841101MN	0,245	**	360°

Poignées et contrepoignées / *Handles and inner handles*



Poignée à clé, platine inox et poignée zamak, pivote d'un 1/4 de tour à droite, à combinaisons vaiées (*) ou même numéro (**).
Stainless steel plate and handle zamak locking handle, 1/4 turn right, with various key combinations (*) or same key (**).

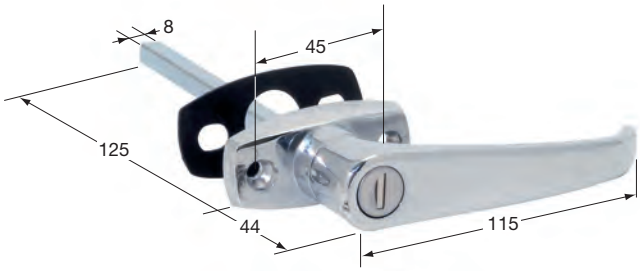
Référence *Reference*	Kg	Type *Type*	Finition *Finish*	Rotation *Rotation*
1840140CV	0,25	*	Inox & zamak *Stainless steel & zamak*	90°
1840140MN	0,25	**	Inox & zamak *Stainless steel & zamak*	90°



Poignée à clé zamak chromé.
Chrome plated zinc alloy locking handle.

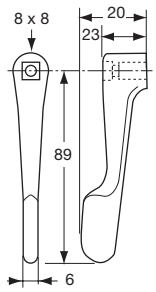
Référence *Reference*	Kg	Rotation *Rotation*
1940011	0,38	360°

Poignées et contrepoignées / *Handles and inner handles*



Poignée chromée avec (**) ou sans verrou (*).
Chrome plated handle with (**) or without lock (*).

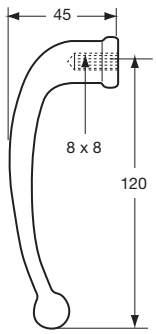
Référence *Reference*	Kg	Type *Type*	Rotation *Rotation*
1804002	0,295	*	180°
1804003	0,292	**	180°



Contre-poignée laiton chromé.
Chrome plated brass inside handle.

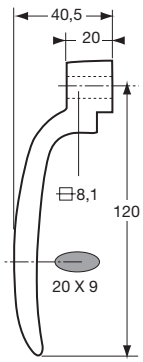
Référence *Reference*	Kg
1840291	0,09

Poignées et contrepoignées / *Handles and inner handles*



Contre-poignée à boule, zamak chromé.
Chrome plated zinc alloy inside handle.

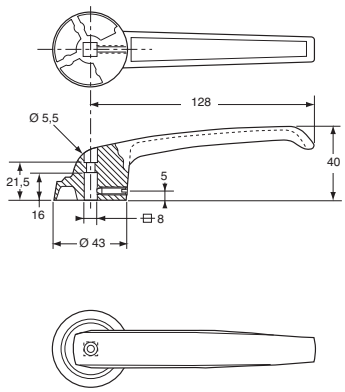
Référence *Reference*	Kg
1804015	0,17



Contre-poignée zamak chromé.
Chrome plated zinc alloy inside handle.

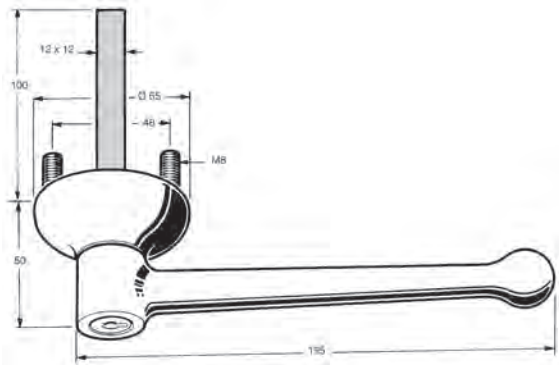
Référence *Reference*	Kg
1804018	0,145

Poignées et contrepoignées / *Handles and inner handles*



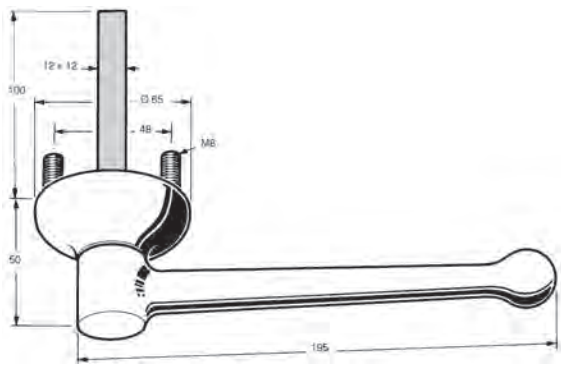
Poignée zamak époxy noir.
Black epoxy zinc alloy inside handle.

Référence *Reference*	Kg
1804020	0,2



Poignée en laiton chromé à condamnation avec 2 clés combinaisons variées (*) ou identiques (***). Barillet seul (**).
Chrome plated brass locking handle with two keys various conbinations (*) or identical (***). Barrel only (**).

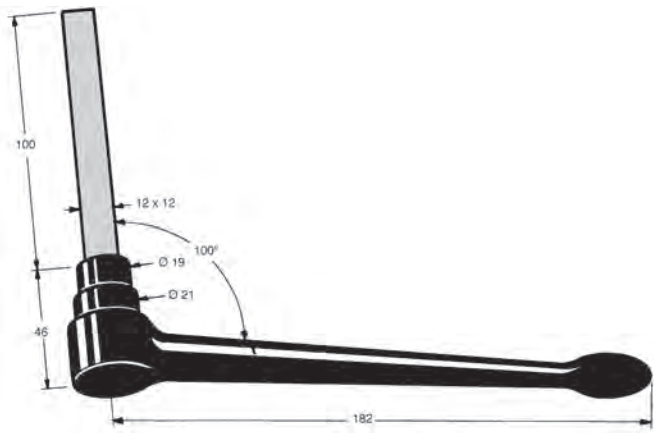
Référence *Reference*	Kg	Pour *For*	Type *Type*
2344373	0,76		*
2344373BA	0,035	2344373	**
2344373MN	0,76		***



Poignée en laiton chromé sans condamnation.
Chrome plated brass non locking handle.

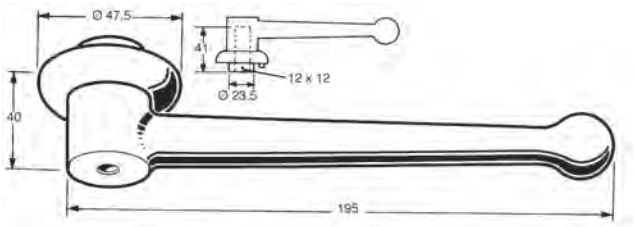
Référence *Reference*	Kg
2344374	0,76

Poignées et contrepoignées / *Handles and inner handles*



Poignée levier, laiton laqué noir.
Black enamelled handle.

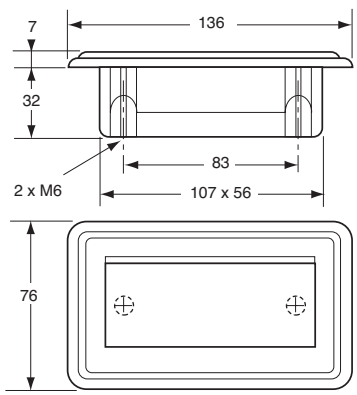
Référence *Reference*	Kg
2344372	4,52



Contre-poignée en laiton chromé.
Chrome plated brass inside handle.

Référence *Reference*	Kg
2344378	0,49

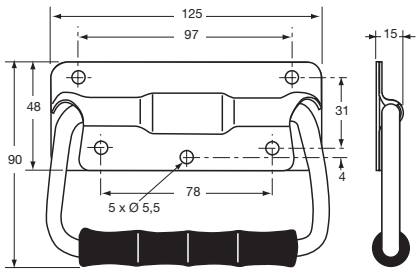
Poignées de tirage / *Pull handles*



Poignée de tirage, plastique noir.
Pull handle, black plastic.

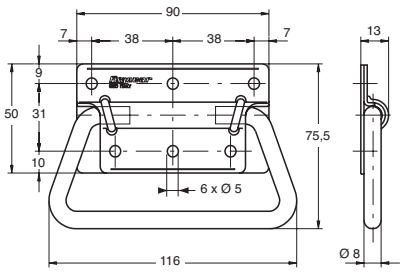
Référence *Reference*	Kg
1840145	0,1

Poignées de tirage / *Pull handles*



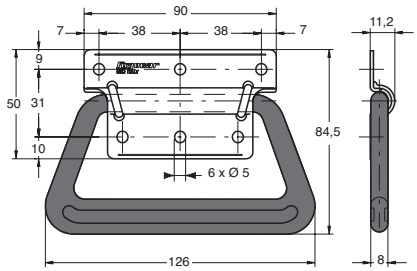
Poignée de tirage à ressort acier bichromé.
Zinc plated steel pull handle with spring.

Référence *Reference*	Kg
1804050 S	0,25



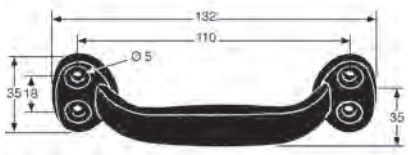
Poignée de tirage en inox, sans ressort.
Stainless steel pull handle without spring.

Référence *Reference*	Kg
190503330	0,19



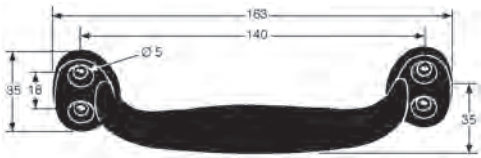
Poignée de tirage en inox avec poignée en plastique, sans ressort.
Stainless steel pull handle with plastic handle, without spring.

Référence *Reference*	Kg
190510265	0,075



Poignée de tirage alu époxy noir.
Black epoxy aluminium pull handle.

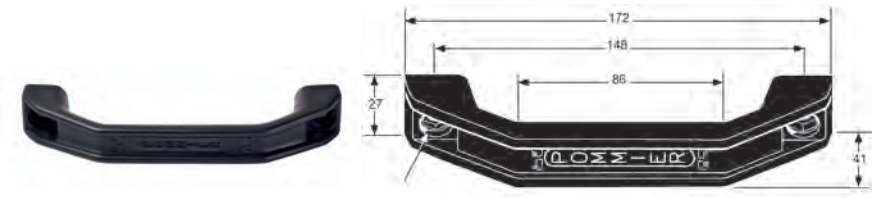
Référence *Reference*	Kg
1804046	0,05



Poignée de tirage alu époxy noir.
Black epoxy aluminium pull handle.

Référence *Reference*	Kg
1804048	0,07

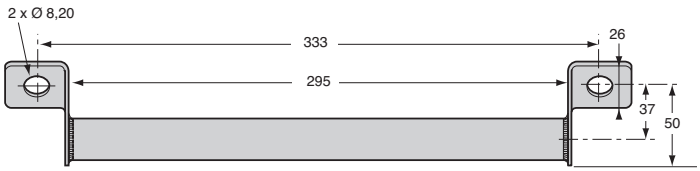
Poignées de tirage / *Pull handles*



Poignée de tirage plastique noir.
Black plastic pull handle.

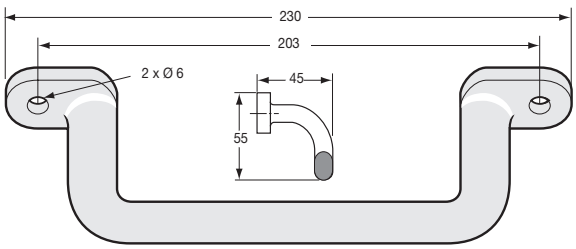
Référence *Reference*	Kg
1804075	0,05

Poignées de maintien et montoirs / *Handrails and grab handles*



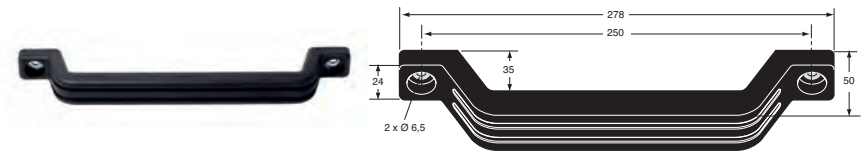
Poignée montoir en inox.
Stainless steel grab handle.

Référence *Reference*	Kg
190803323	0,38



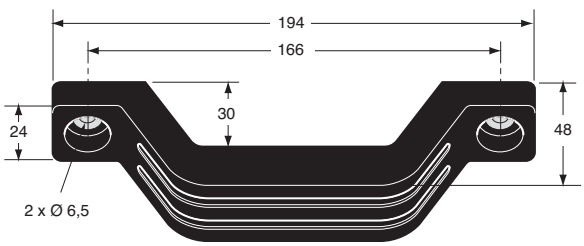
Poignée montoir.
Grab handle.

Référence *Reference*	Kg	Finition *Finish*
1940670	0,17	Aluminium époxy noir *Black epoxy aluminium*
1940670AN	0,155	Aluminium anodisé (e) *Anodized aluminium*



Poignée montoir en polyuréthane noir avec insert acier zingué.
Black polyurethane grab handle, with zinc plated steel core.

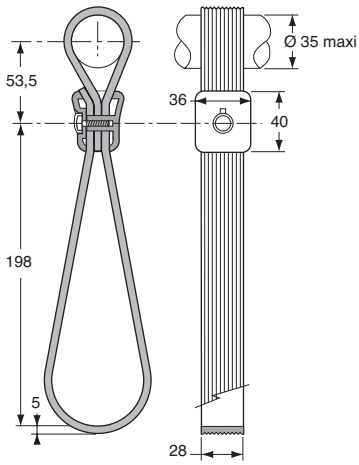
Référence *Reference*	Kg
190810264	0,26



Poignée montoir en polyuréthane noir avec insert acier zingué.
Black polyurethane grab handle, with zinc plated steel core.

Référence *Reference*	Kg
190810263	0,18

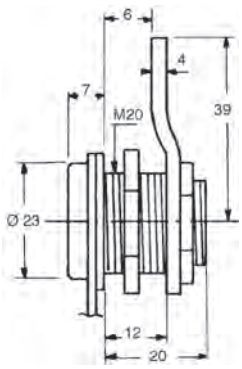
Poignées de maintien et montoirs / *Handrails and grab handles*



Poignée P.V.C. anthracite.
P.V.C. anthracite handle.

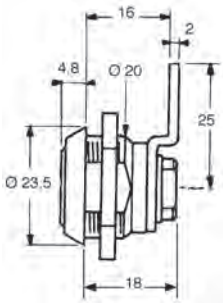
Référence *Reference*	Kg
1804079	0,13

Serrures à came batteuse et caches entrée / *Compartment locks and lock covers*



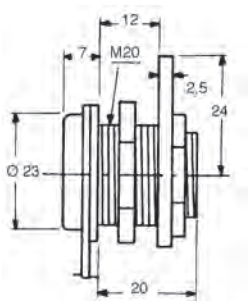
Serrure à quart de tour, avec clés n°101, serrage maxi : 6 mm.
Quarter turn lock with key number 101, max : 6 mm.

Référence *Reference*	Kg	Rotation *Rotation*
2104263CV	0,09	4GD



Serrure à demi-tour, même N° de clés, serrage maxi : 6 mm.
Half turn lock with same key number, max : 6 mm.

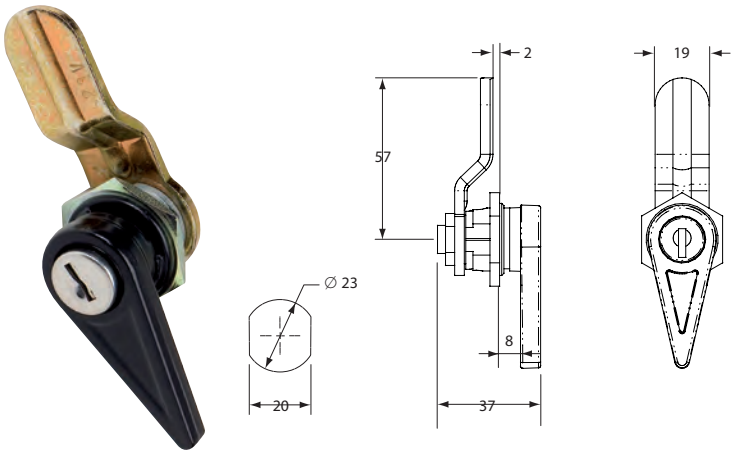
Référence *Reference*	Kg	Rotation *Rotation*
2104253MN	0,09	2



Serrure à quart de tour, N° de clés variées, serrage maxi : 6 mm.
Quarter turn lock with various key combinations max : 6 mm.

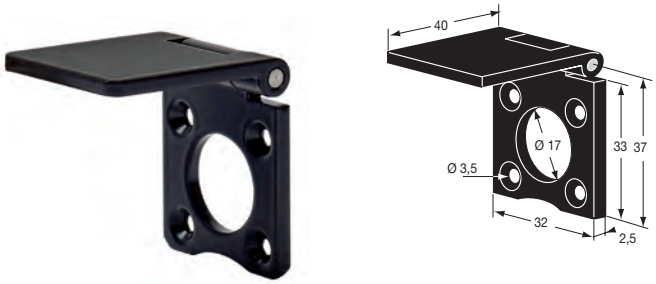
Référence *Reference*	Kg	Rotation *Rotation*
2104261CV	0,075	4GD

Serrures à came batteuse et caches entrée / *Compartment locks and lock covers*



Serrure de compartiment.
Light duty compartment latch.

Référence *Reference*	Kg
2312043-01	0,118

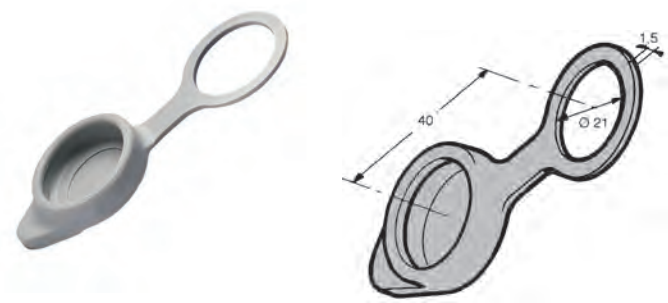


Cache entrées aluminium époxy noir.
Black epoxy aluminium escutcheon.

Référence *Reference*	Kg
1804060	0,02

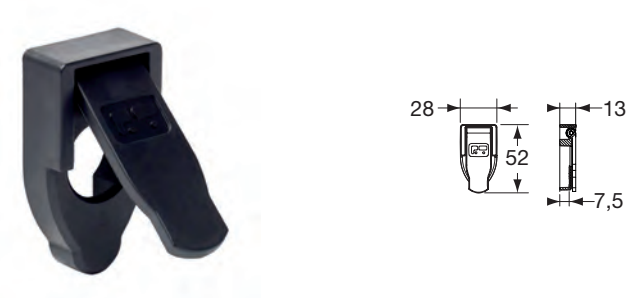
Cache entrées plastique noir avec axe et ressort inox.
Black plastic cover with stainless steel pin and spring.

Référence *Reference*	Kg
1904063	0,02



Capuchon seul, polyéthylène gris.
Grey polyethylene cap only.

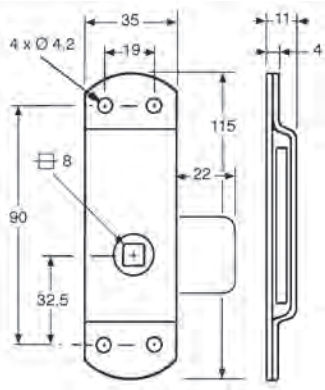
Référence *Reference*	Kg
2104262	0,003



Cache barillet plastique à ressort pour barillet type européen.
Plastic lock cover for european barrels.

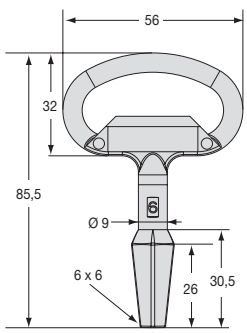
Référence *Reference*	Kg
1904064	0,010

Loqueteaux et clés / *Locks and keys*



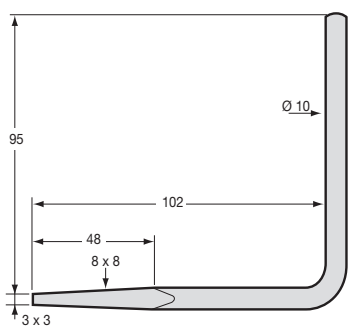
Loqueteau. Le visuel représente le côté droit.
Latch. The image represents the righthand side.

Référence *Reference*	Kg	Côté *Hand*	Finition *Finish*
2104325DR	0,18	Droit (e) *Right*	Zingué bichromaté *Zinc plated*
2104325GA	0,18	Gauche *Left*	Zingué bichromaté *Zinc plated*
2104325ID	0,18	Droit (e) *Right*	Inox *Stainless steel*
2104325IG	0,18	Gauche *Left*	Inox *Stainless steel*



Clé acier zingué.
Zinc plated steel key.

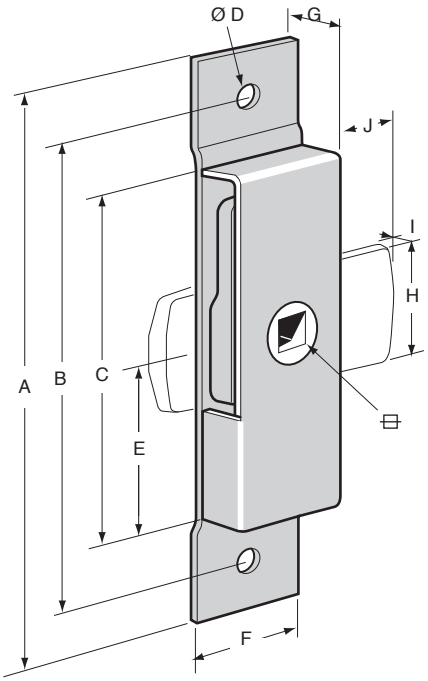
Référence *Reference*	Kg
2104333	0,05



Clé acier zingué.
Zinc plated steel key.

Référence *Reference*	Kg
2143321	0,11

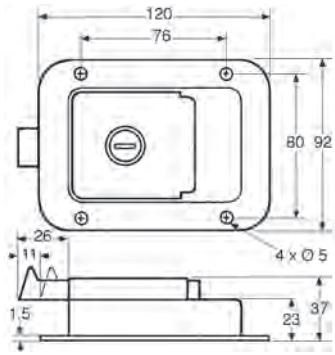
Loqueteaux et clés / *Locks and keys*



Loqueteau.
Latch.

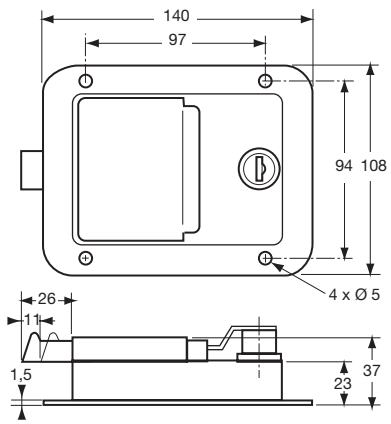
Référence *Reference*	Kg	A (mm)	B (mm)	C (mm)	Ø D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	⊟ (mm)	I (mm)	J (mm)	Finition *Finish*
2143281	0,085	105	86	66	5	37	19	11	17	8	5	16	Zingué bichromaté *Zinc plated*
2143281IN	0,085	105	86	66	5	37	19	11	17	8	5	16	Inox *Stainless steel*
2143282	0,17	125	102	77	5	39	28	13	25	8	6	18	Zingué bichromaté *Zinc plated*
2143282IN	0,17	125	102	77	5	39	28	13	25	8	6	18	Inox *Stainless steel*
2143283	0,15	115	94	71	5	38	22	11	21	8	5	16	Zingué bichromaté *Zinc plated*

Serrures de coffres / *Paddle locks*



Serrure de coffre, condamnation à clé, pène en aluminium.
Paddle handle, locking, aluminium bolt.

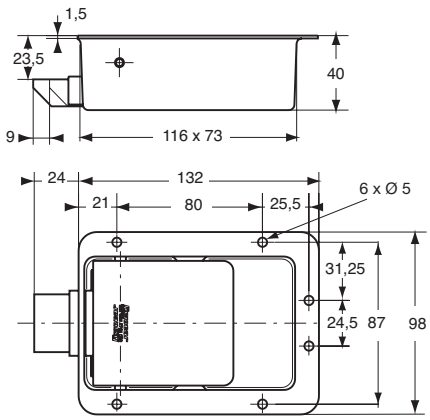
Référence *Reference*	Kg	Type *Type*	Finition Finish
027503830	0,435	-	Inox *Stainless steel*
027503830C	0,44	CH-503	Inox *Stainless steel*
027510444	0,435	-	Zingué *Zinc plated*



Serrure de coffre en inox, condamnation à clé, pène en aluminium.
Paddle handle, locking, zinc plated steel bolt.

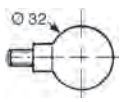
Référence *Reference*	Kg	Type *Type*	Finition Finish
027503832	0,53	-	Inox *Stainless steel*
027503832A	0,53	CH-501	Inox *Stainless steel*
027503832B	0,53	CH-502	Inox *Stainless steel*

Serrures de coffres / *Paddle locks*



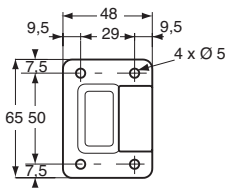
Serrure de coffre inox avec gâche. Version standard (*) ou avec verrou à clé (**).
Stainless steel paddle handle, with keeper. Standard version (*) or with key lock (**).

Référence *Reference*	Kg	Type *Type*
027503130	0,57	*
027503140	0,57	**



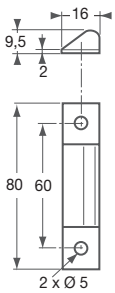
Poignée pour décondamnation intérieure pour serrure 027503832.
Stainless steel keeper for 027503832 lock.

Référence *Reference*	Kg
027503833	0,03



Gâche inox pour serrures 027503130 / 03140.
Stainless steel keeper for 027503130/03140 locks.

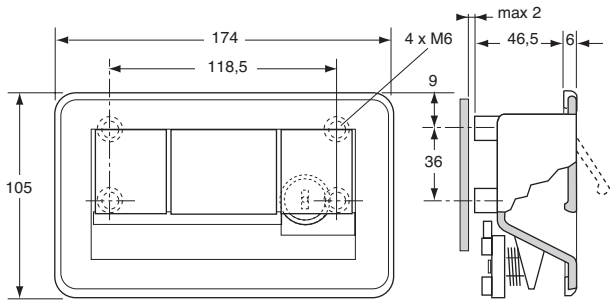
Référence *Reference*	Kg
S20313004	0,12



Gâche inox pour serrures 027503830 / 03832.
Stainless steel keeper for 027503830/03832 locks.

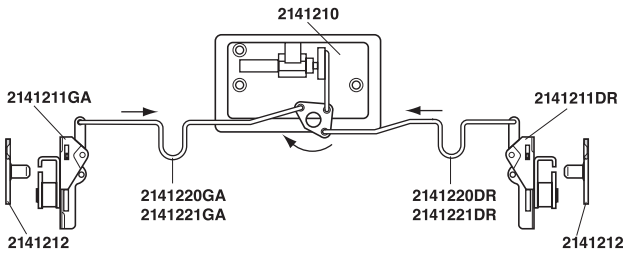
Référence *Reference*	Kg
S10313010	0,04

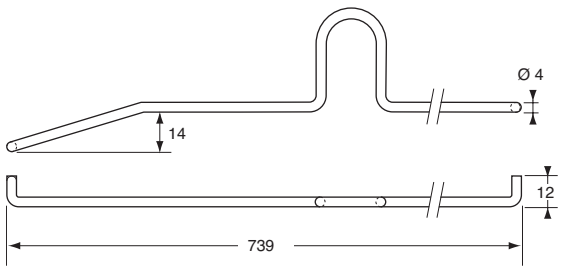
Serrures de coffres / *Paddle locks*



Serrure de coffre en polyamide noir et barillet, livrée non montée.
Locking handle in black polyamid with locking cylinder, delivred not assembled.

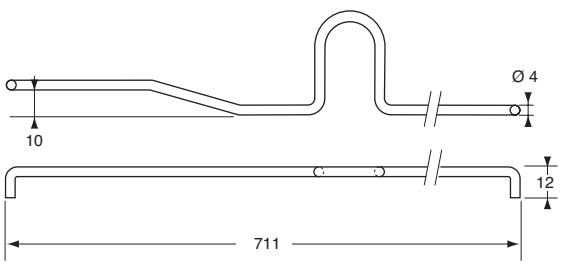
Référence *Reference*	Kg
2141210	0,25





Tringle inox.
Stainless steel bar.

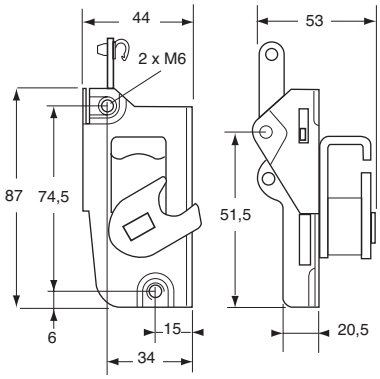
Référence *Reference*	Kg	Longueur *Length*	Côté *Hand*
2141220DR	0,09	739 mm	Droit (e) *Right*



Tringle inox.
Stainless steel bar.

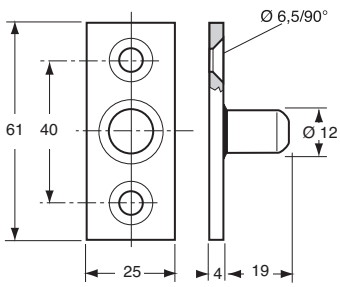
Référence *Reference*	Kg	Longueur *Length*	Côté *Hand*
2141220GA	0,079	711 mm	Gauche *Left*

Serrures de coffres / *Paddle locks*



Serrure à crochet zinguée. Le visuel représente le côté droit.
Zinc plated lock with hook. The image represents the righthand side.

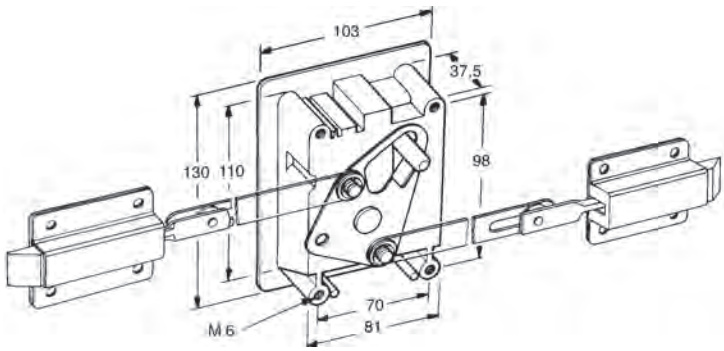
Référence *Reference*	Kg	Côté *Hand*
2141211DR	0,35	Droit (e) *Right*
2141211GA	0,35	Gauche *Left*



Gâche acier zinguée.
Zinc plated steel keeper.

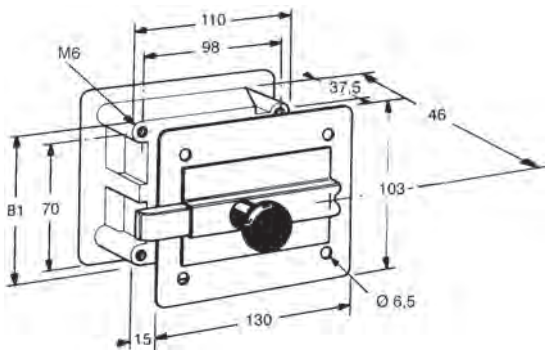
Référence *Reference*	Kg
2141212	0,1

Serrures de coffres / *Paddle locks*



Serrure de coffre à palette, condamnation à clé, combinaisons variées (*) ou identiques (**), avec joint caoutchouc, zamak époxy noir mat, sans tringles ni loqueteaux.
Paddle handle lock, key operated, various combination (*) or identical (**), with rubber gasket, black epoxy zinc alloy, without bars and end slams.

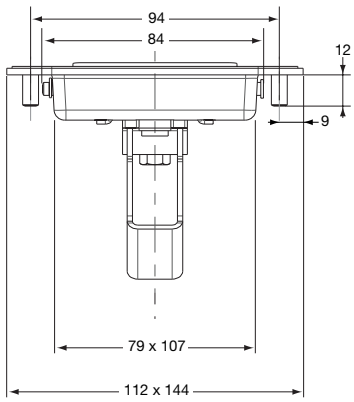
Référence *Reference*	Kg	Type *Type*
2141200	0,685	*
2141200MN	0,685	**

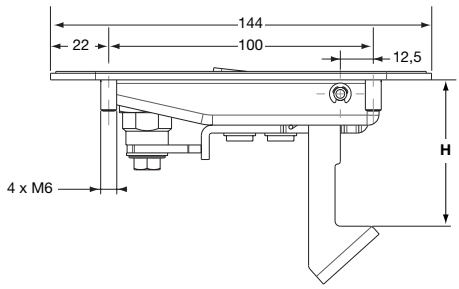


Serrure à condamnation à clé, combinaisons variées (*) ou identique (**), avec joint caoutchouc zamak époxy noir mat, contre-plaque et pène en acier zingué.
Key operated lock, various combination (*) or identical (**), with rubber gasket, black epoxy zinc alloy, zinc plated rear plate and cam.

Référence *Reference*	Kg	Type *Type*
2141201	1,135	*
2141201MN	1,135	**

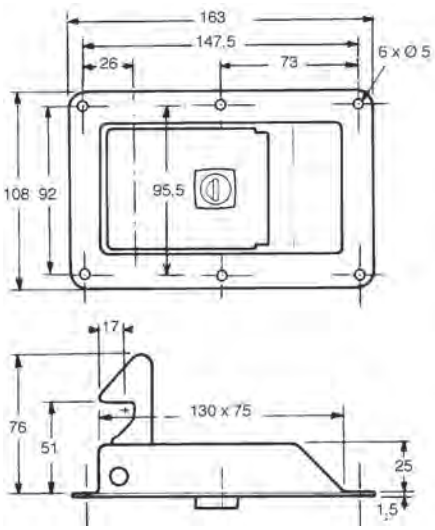
Serrures de coffres / *Paddle locks*





Serrure à palette, à condamnation à clé 10 combinaisons, avec joint caoutchouc, acier cataphorèse et peinture noire.
Paddle handle lock, lockable, 10 combination, with rubber gasket, black electrophoretic coated steel.

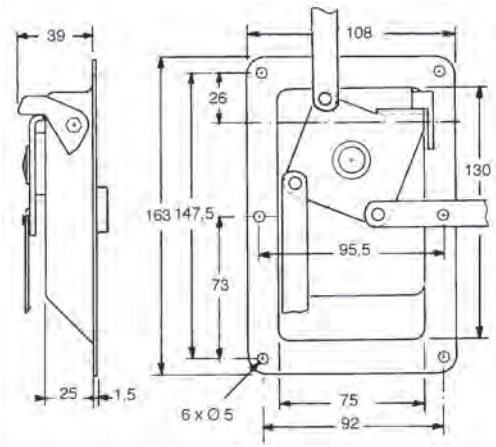
Référence *Reference*	Kg	H (mm)	
2141238	0,47	30.5	4
2141239	0,47	55	4



Serrure à palette à condamnation à clé, acier époxy noir mat, crochet acier forgé zingué bichromaté.
Key operated bonnet lock, black epoxy steel, bichromated forged steel hook.

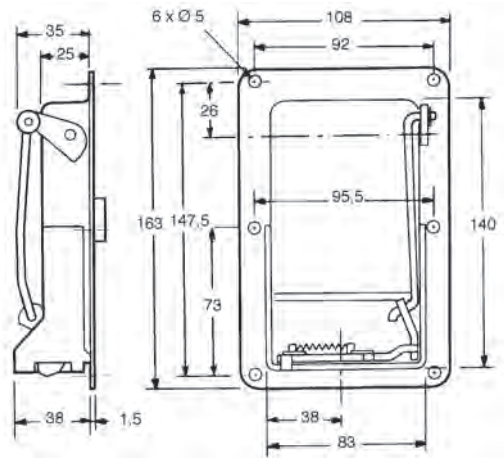
Référence *Reference*	Kg
2141203	0,65

Serrures de coffres / *Paddle locks*



Serrure de coffre à palette, condamnation à clé, acier époxy noir mat, pour tringlerie 3 points.
Paddle handle lock, key operated,black epoxy steel, for 3 way rods.

Référence *Reference*	Kg
2141204	0,69



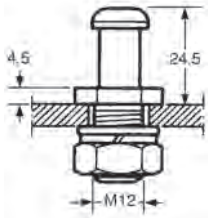
Serrure de coffre à palette, condamnation à clé, sans gâche, acier époxy noir mat.
Paddle handle lock, key operated black epoxy steel.

Référence *Reference*	Kg
2141205	0,775

Joint caoutchouc pour 2141203, 2141204 et 2141205.
Rubber gasket for 2141203 2141204 and 2141205.

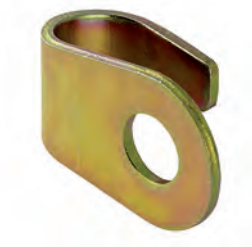
Référence *Reference*	Kg
2141203J0	0,005

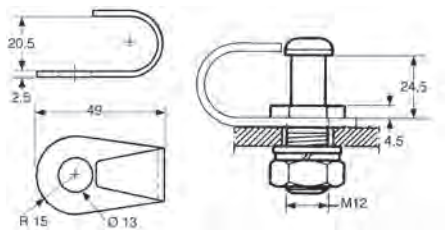
Serrures de coffres / *Paddle locks*



Gâche acier zingué pour serrure 2141205 / 2141199.
Zinc plated steel keeper for lock 2141205 / 2141199.

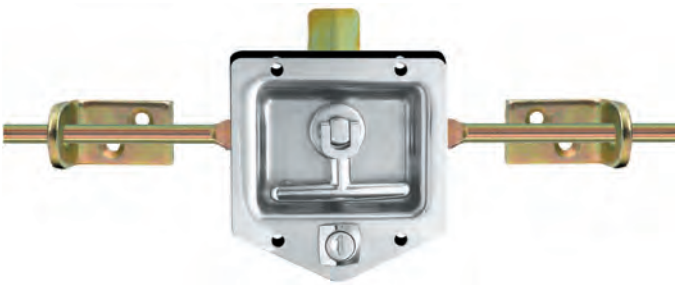
Référence *Reference*	Kg
2141205GA	0,07

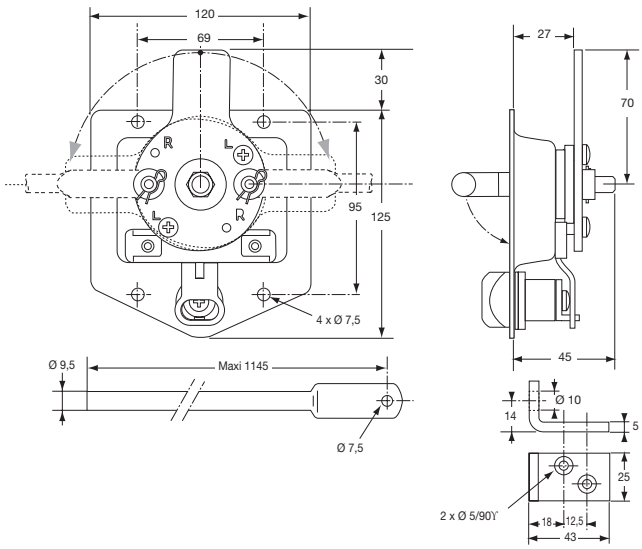




Protecteur de doigt, acier.
Steel guard.

Référence *Reference*	Kg
2141205PR	0,03

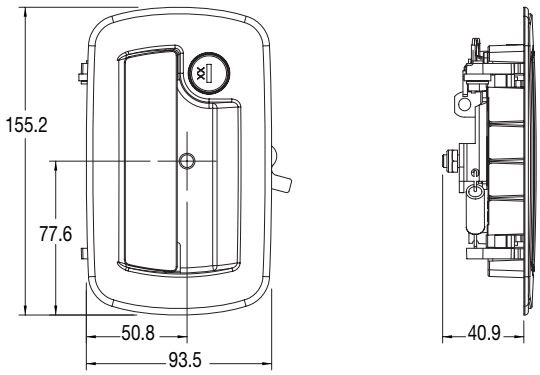




Serrure de coffre en inox, condamnation à clé, combinaisons variées (*) ou identique (**) mécanisme de fermeture 3 points en acier zingué avec joint en caoutchouc.
Stainless steel paddle lock, key operated, various combinations (*) or identical (**), zinc plated steel 3 points locked system, with rubber gasket.

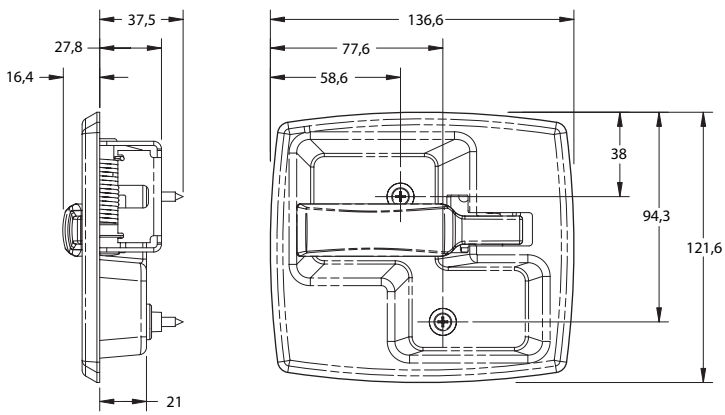
Référence *Reference*	Kg	Type *Type*
2141218	1,98	*
2141218MN	1,98	**

Serrures à tringlerie / *Locking gear*



Serrure à palette deux points à condamnation à clé, acier laqué noir. Livré avec joint caoutchouc. S'utilise avec serrure rotative double. 2314498-01/ 2314499-01/ 2318610-01/ 2318611-01 et poignée de commande interne 2323016-02 / 2323015-02
Black powder coated 2 point paddle handle. Right hand barrel. Delivered with a rubber seal for use with double rotor latch 2314498-01/2314499-01/2318610-01/2318611-01 and internal release 2323016-02 / 2323015-02.

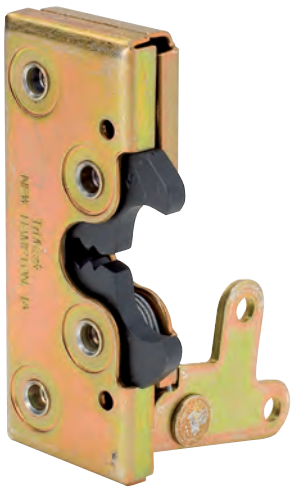
Référence *Reference*	Kg	Côté *Hand*
2320599-05	0,72	Droit (e) *Right*
2322672-03	0,72	Gauche *Left*

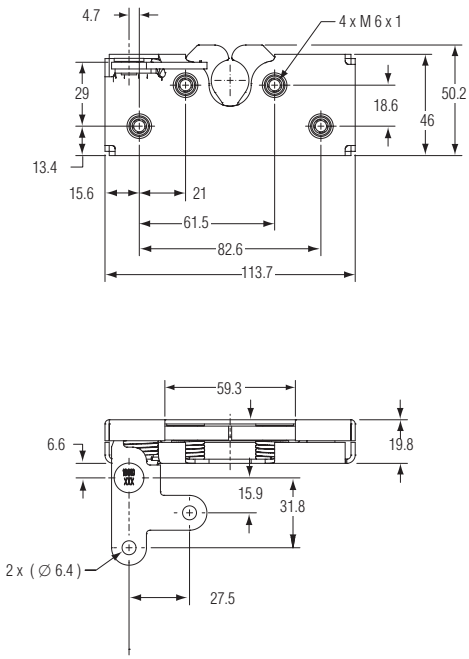


Poignée de commande interne, s'utilise avec serrure à palette 2320599-05 et 2322672-03. Le visuel représente le côté droit.
Inside release lever, left hand, for use with paddle handle 2320599-05 and 2322672-03. The image represents the righthand side.

Référence *Reference*	Kg	Côté *Hand*
2323015-02	0,435	Gauche *Left*
2323016-02	0,435	Droit (e) *Right*

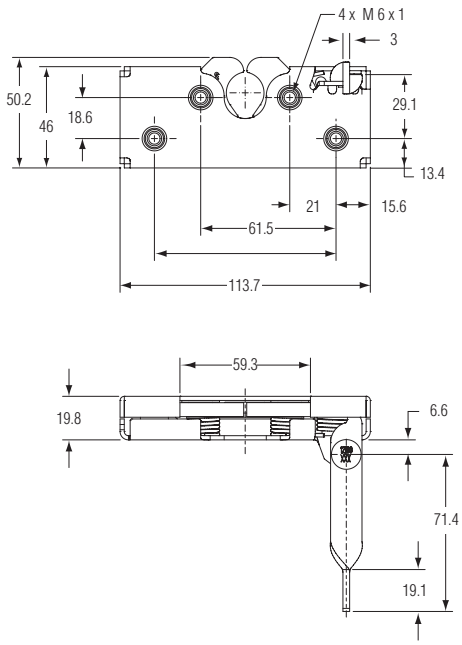
Serrures rotatives et accessoires / *Rotor latches and accessories*





Serrure rotative double à 2 positions, s'utilise avec pêne Ø 17,15 mm 2311111-16. Le visuel représente le côté gauche.
Double rotor latch 2 position, for use with Ø 17,15 mm bolt 2311111-16. The image represents the lefthand side.

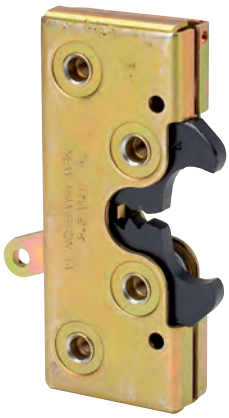
Référence *Reference*	Kg	Côté *Hand*
2318610-01	0,361	Gauche *Left*
2318611-01	0,361	Droit (e) *Right*

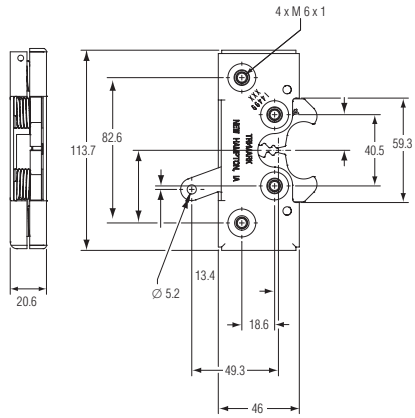


Serrure rotative double à 2 positions. S'utilise avec pêne Ø 17,15 mm 2311111-16. Le visuel représente le côté gauche.
Left hand double rotor latch 2 positions. To use with Ø 17,15 mm bolt 2311111-16. The image represents the lefthand side.

Référence *Reference*	Kg	Côté *Hand*
2312180-16	0,362	Gauche *Left*
2312181-16	0,362	Droit (e) *Right*

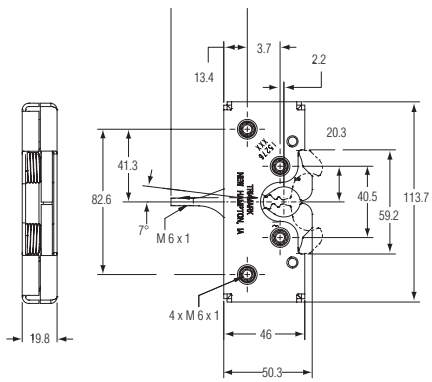
Serrures rotatives et accessoires / *Rotor latches and accessories*





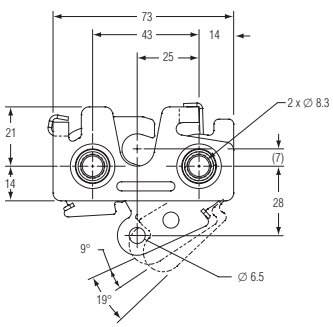
Serrure rotative double à 2 positions. S'utilise avec pêne Ø 17,15 mm 2311111-16. Le visuel représente le côté gauche.
Double rotor latch 2 position, left hand for use with Ø 17,15 mm bolt 2311111-16. The image represents the lefthand side.

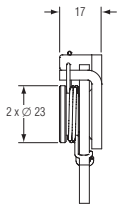
Référence *Reference*	Kg	Côté *Hand*
2314498-01	0,361	Gauche *Left*
2314499-01	0,361	Droit (e) *Right*



Serrure rotative double à 2 positions, s'utilise avec pêne Ø 17,15 mm 2311111-16.
Double rotor latch 2 position, for use with Ø 17,15 mm bolt 2311111-16.

Référence *Reference*	Kg
2315276-01	0,331

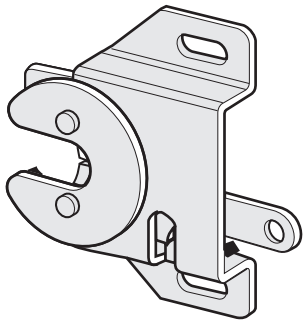


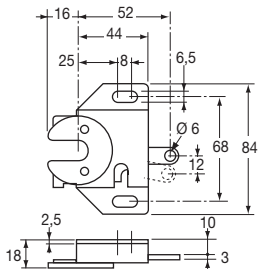


Serrure de capot double position, s'utilise avec pêne de 12 mm.
2 positions latch, for use with 12 mm bolt.

Référence *Reference*	Kg
2319244-01	0,178

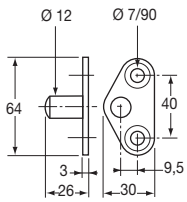
Serrures rotatives et accessoires / *Rotor latches and accessories*





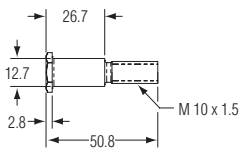
Serrure acier zingué passivé. Le visuel représente le côté gauche.
Passivated zinc plated steel lock. The image represents the lefthand side.

Référence *Reference*	Kg	Côté *Hand*
2141990DR	0,165	Droit (e) *Right*
2141990GA	0,165	Gauche *Left*



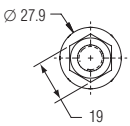
Gâche acier zingué passivé.
Passivated zinc plated steel keeper.

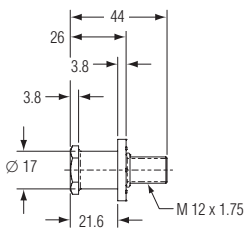
Référence *Reference*	Kg
2141991	0,065



Pêne Ø 12,7 mm.
Ø 12,7 mm bolt.

Référence *Reference*	Kg	Ø
2381687-16	0,045	13

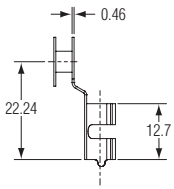


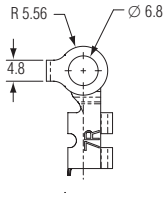


Pêne Ø 17,15 mm.
Ø 17,15 mm bolt.

Référence *Reference*	Kg	Ø
2311111-16	0,076	17

Serrures rotatives et accessoires / *Rotor latches and accessories*

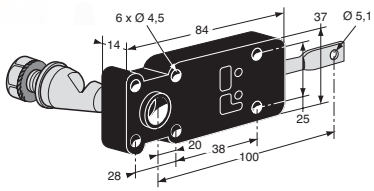




Clip.
Clip.

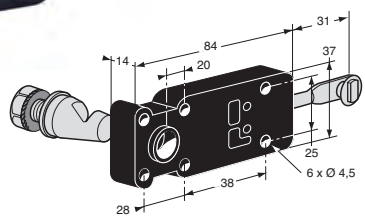
Référence *Reference*	Kg	Côté *Hand*
2380801	0,005	Droit (e) *Right*
2380802	0,005	Gauche *Left*

Loqueteaux à ressort / *Spring locks*



Support de loqueteau delrin et cône gâche acier geomet.
Slam latch bracket delrin and geomet steel keeper cone.

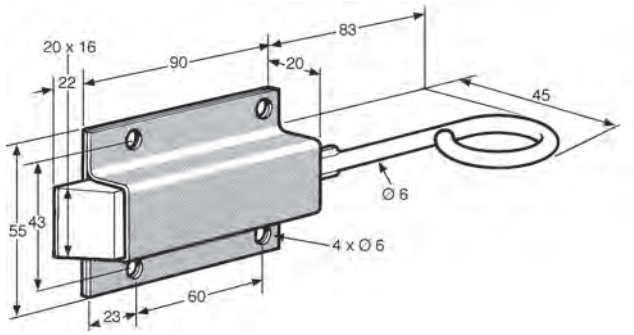
Référence *Reference*	Kg
2243372	0,125



Support de loqueteau delrin et cône gâche acier geomet.
Slam latch bracket delrin and geomet steel keeper cone.

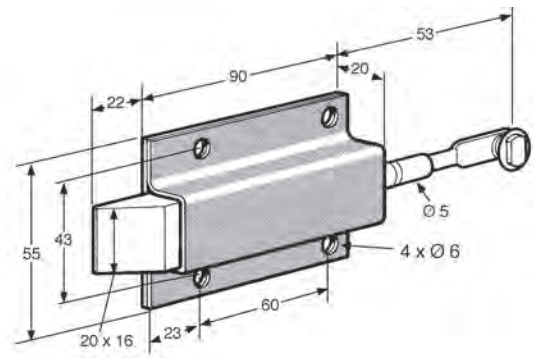
Référence *Reference*	Kg
2243370	0,125

Loqueteaux à ressort / *Spring locks*



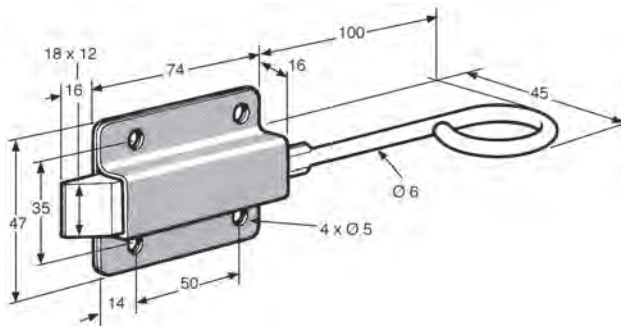
Loqueteau zingué fer passivé.
Passivated galvanized steed.

Référence *Reference*	Kg
2243330	0,325



Loqueteau zingué.
Zinc plated latch.

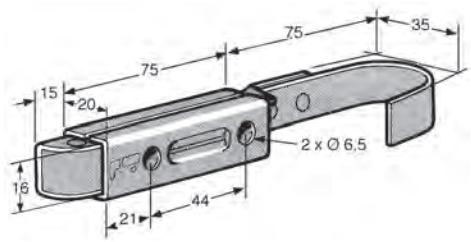
Référence *Reference*	Kg
2243350	0,33



Loqueteau zingué.
Zinc plated latch.

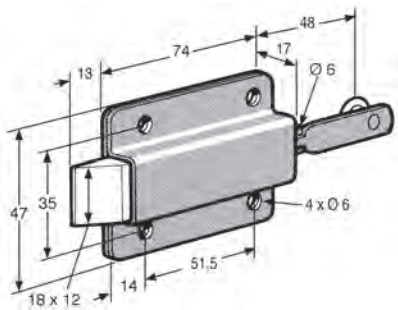
Référence *Reference*	Kg
2243340	0,21

Loqueteaux à ressort / *Spring locks*



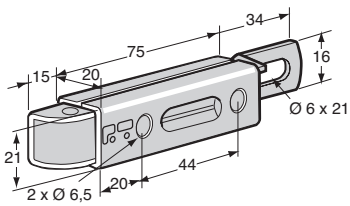
Loqueteau zingué.
Zinc plated latch.

Référence *Reference*	Kg
2243541	0,17



Loqueteau zingué.
Zinc plated latch.

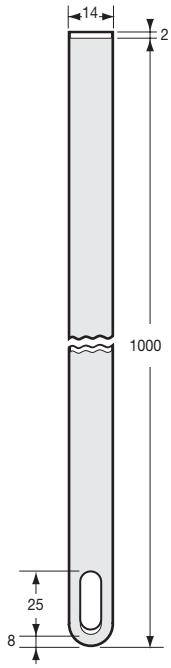
Référence *Reference*	Kg
2243360	0,19



Loqueteau.
Steel latch.

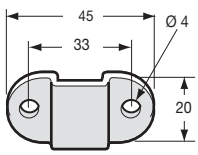
Référence *Reference*	Kg	Finition *Finish*
2204354IN	0,16	Inox *Stainless steel*
2204354ZI	0,16	Zingué *Zinc plated*

Loqueteaux à ressort / *Spring locks*



Tringle à oeil, acier zingué.
Zinc plated steel rod.

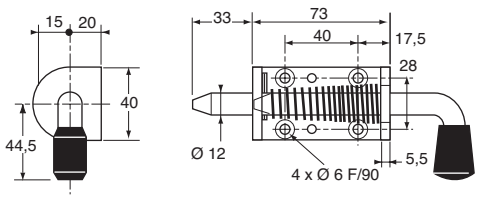
Référence *Reference*	Kg
2243361	0,22



Guide pour tringle, acier zingué bichromaté.
Bearing bracket, yellow zinc plated steel.

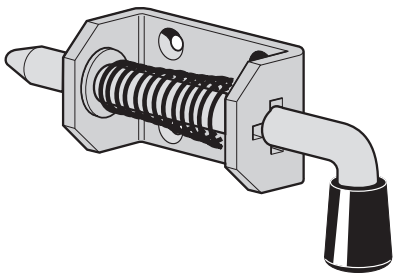
Référence *Reference*	Kg
2243363	0,015

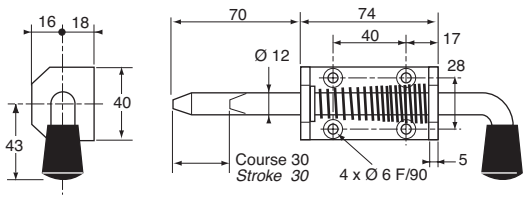
Verrous / *Spring bolts*



Verrou avec arrêtoir, acier zingué.
Zinc plated steel spring bolt with retaining mechanism.

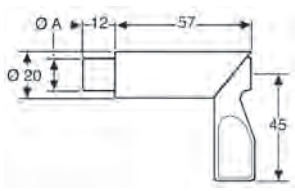
Référence *Reference*	Kg
0844888	0,34





Verrou avec arrêtoir, acier zingué.
Zinc plated steel spring bolt with retaining mechanism.

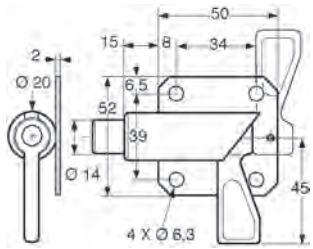
Référence *Reference*	Kg
0844889	0,374



Verrou acier zingué.
Zinc plated steel bolt.

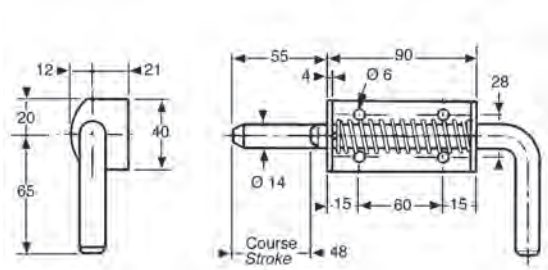
Référence *Reference*	Kg	Ø A
0844900	0,16	14
0844901	0,16	10
0844909	0,16	12

Verrous / *Spring bolts*



Verrou acier zingué à platine.
Zinc plated steel bolt.

Référence *Reference*	Kg	Côté *Hand*
0844915DR	0,18	Droit (e) *Right*
0844915GA	0,18	Gauche *Left*



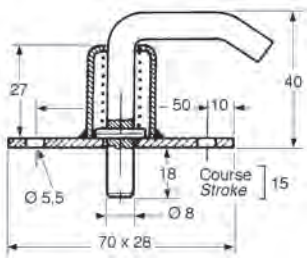
Verrou sans arrêtoir, acier zingué.
Zinc plated steel spring bolt.

Référence *Reference*	Kg
0844898	0,44

Verrou avec arrêtoir.
Spring bolt with retaining mechanism.

Référence *Reference*	Kg	Finition *Finish*
0844899	0,44	Zingué *Zinc plated*
0844902	0,44	Inox *Stainless steel*

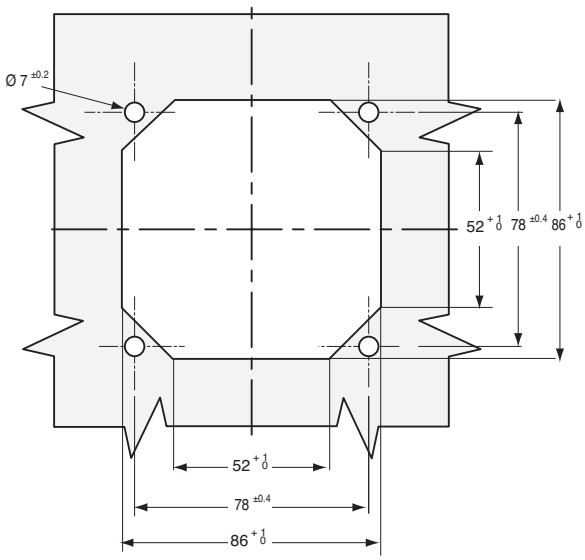
Verrous / *Spring bolts*



Verrou de bétaillère, acier cataphorèse.
Cataphorese steel spring bolt for cattle-box.

Référence *Reference*	Kg
0844897C	0,1

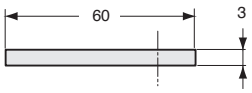
Serrures à compression / *Compression latch*

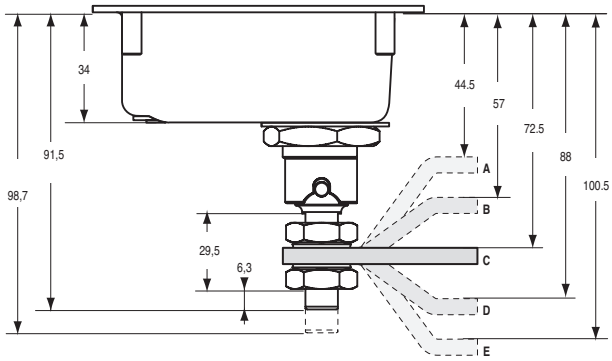


Serrure à compression, avec condamnation à clé (*) ou sans (**), en acier cataphorèse et peinture époxy noir. Livrée avec visserie pour fixation serrure et came (came non fournie).
Lockable compression latch, with locking barrel (*) or without locking barrel (**), black cationic painting. Delivered with screw set for studs and cam (cam not included).

Référence *Reference*	Kg	Type *Type*
2141230	0,705	*
2141231	0,685	**

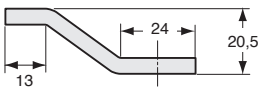
Serrures à compression / *Compression latch*

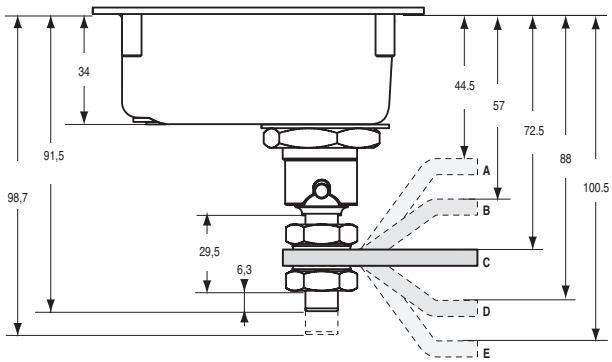




Came acier zingué.
Flat cam, zinc plated steel.

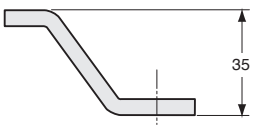
Référence *Reference*	Kg	C. min (mm)	C. max (mm)
2141234	0,045	70	79

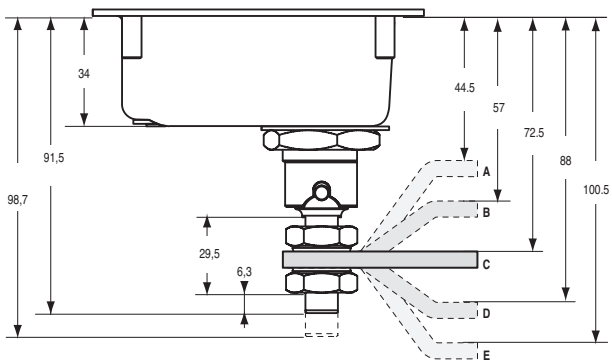




Came acier zingué.
Flat cam, zinc plated steel.

Référence *Reference*	Kg	B. min (mm)	B. max (mm)	D. min (mm)	D. max (mm)
2141235	0,045	54,5	63,5	85,5	94,5

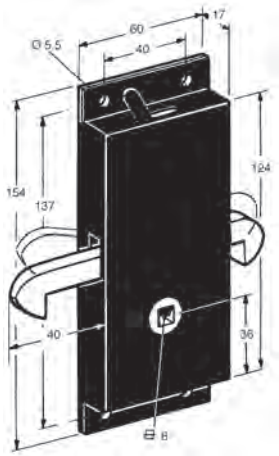




Came acier zingué.
Flat cam, zinc plated steel.

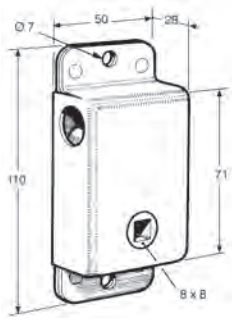
Référence *Reference*	Kg	A. min (mm)	A. max (mm)	E. min (mm)	E. max (mm)
2141236	0,045	42	51	98	107

Serrures pour porte coulissante / *Sliding door locks*



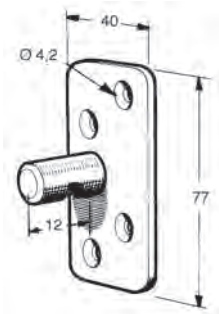
Serrure de porte à coulisse, condamnation intérieure avec doigt d'accrochage pour position ouverte, acier laqué noir. Le visuel représente le côté gauche.
Black enamalled steel sliding door lock, with locking bar. The image represents the lefthand side.

Référence *Reference*	Kg	Côté *Hand*
2141995DR	0,7	Droit (e) *Right*
2141995GA	0,7	Gauche *Left*



Serrure de porte coulissante sans condamnation, acier zingué.
Zinc plated steel sliding door lock, without locking bar.

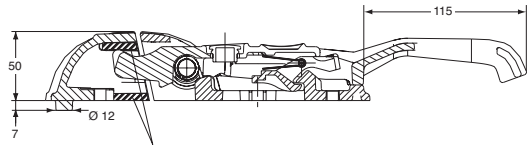
Référence *Reference*	Kg
2141997	0,355

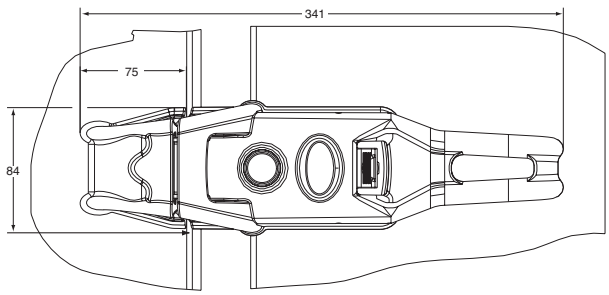


Gâche acier zingué. Le visuel représente le côté gauche.
Zinc plated steel keeper. The image represents the lefthand side.

Référence *Reference*	Kg	Côté *Hand*
2141999DR	0,12	Droit (e) *Right*
2141999GA	0,12	Gauche *Left*

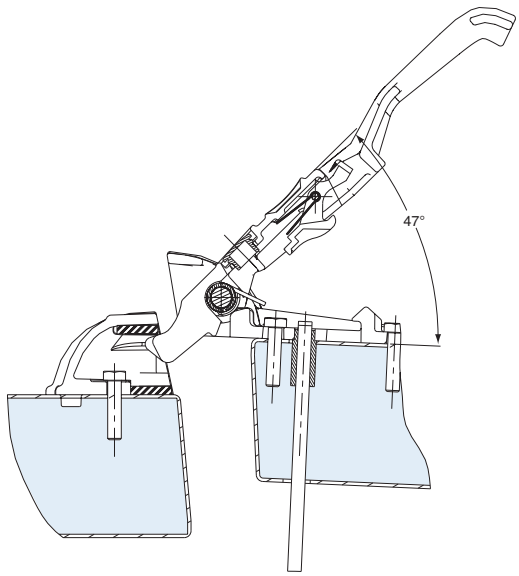
Fermeture 1 point / *1 point locking system*





Fermeture un point pour petite cellule isotherme avec barillet, came non montés.
Single point lock for small insulated body. With barrel (supplied loose).

Référence *Reference*	Kg	Type *Type*
2344541C	1,162	N° 603
2344541D	1,162	N° 604



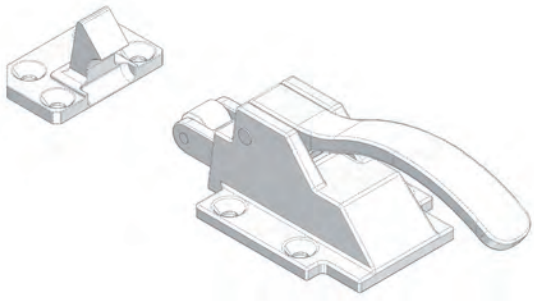
Fermeture un point sans barillet aluminium époxy gris avec gâche. Poussoir de décondamnation intérieur 2344308PT (non fourni).
Single point lock, grey epoxy aluminium with catch, without barrel. Interior opening trigger 2344308PT (not included).

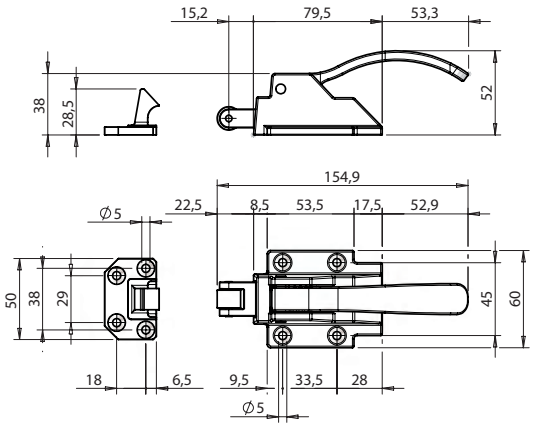
Référence *Reference*	Kg
2344540	1,09

Poussoir téflon de décondamnation intérieur.
Interior opening teflon tigger.

Référence *Reference*	Kg
2344308PT	0,025

Fermeture 1 point / *1 point locking system*

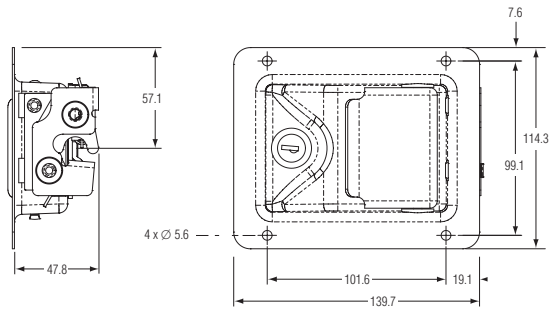




Fermeture de coffres à déverouillage par levier, avec gâche.
External lock with rounded lever and striker.

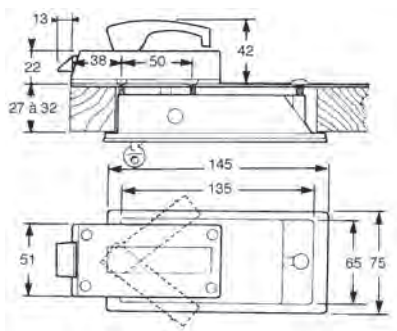
Référence *Reference*	Kg
027704110	0,500

Fermeture 1 point à claquer / *1 point slam lock*



Serrure de compartiment à condamnation à clé en inox. S'utilise avec pêne 2381687-16.
Stainless steel compartment latch. To use with bolt 2381687-16.

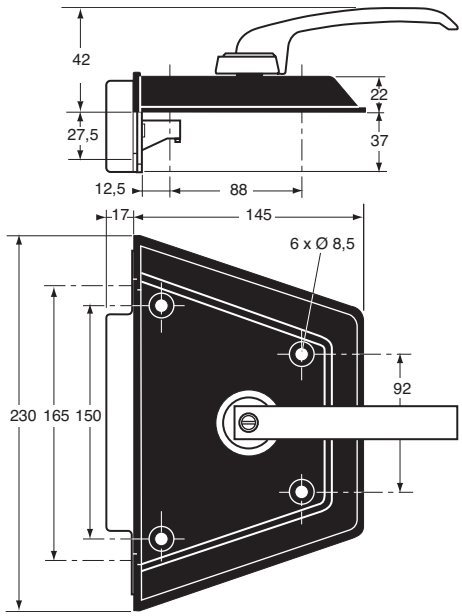
Référence *Reference*	Kg	Pour *For*
2316268-13	0,505	2381687-16



Serrure à encastrer, corps en zamak époxy gris, poignée extérieure époxy blanc.
Recessed paddle handle, body in grey epoxy zinc alloy, paddle in white epoxy.

Référence *Reference*	Kg
2137623	1,1

Fermeture 1 point à claquer / *1 point slam lock*



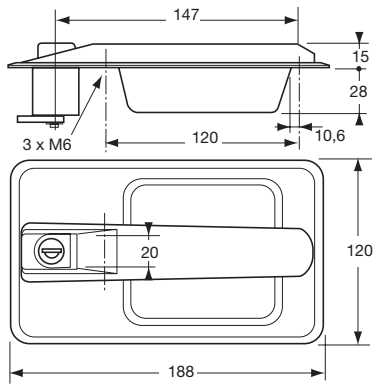
Serrure complète, acier cataphorèse, poignée zamak et cache plastique. Le visuel représente le côté gauche.
Complete lock, with KTL coating, handle in zamak alloy and cover in plastic. The image represents the lefthand side.

Référence *Reference*	Kg	Côté *Hand*
2141865DR	1,8	Droit (e) *Right*
2141865GA	1,8	Gauche *Left*

Gâche seule.
Keeper alone.

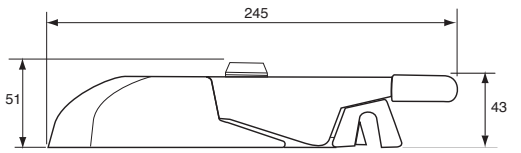
Référence *Reference*	Kg
2141865GS	0,109

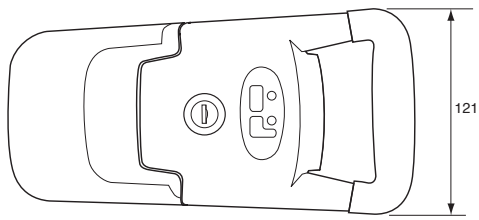
Fermeture 1 point à claquer / *1 point slam lock*

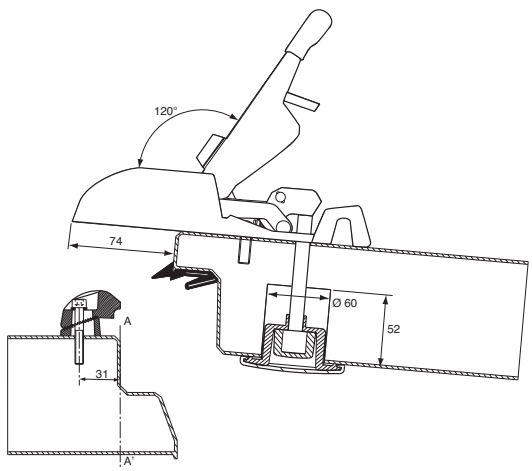


Poignée à clé, cuvette aluminium époxy noir avec joint caoutchouc pour serrure 2141865.
Locking handle, black epoxy aluminium dish, with rubber gasket for lock 2141865.

Référence *Reference*	Kg
1940016	0,36







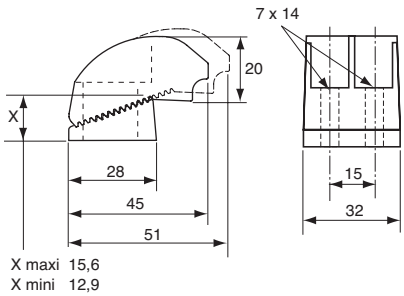
Fermeture à claquer aluminium époxy gris, gâche réglable, condamnation à clé, numéro variés (*) ou identique (**).
Slam lock grey epoxy aluminium, adjustable catch, key operated, various combinations (*) or identical (**).

Référence *Reference*	Kg	Type *Type*
2344550CV	1,385	*
2344550MN	1,385	**

Fermeture 1 point à claquer / *1 point slam lock*

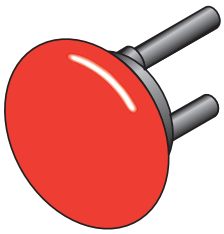
Barillet chromé pour 2344550.
Chrome plated locking cylinder for 2344550.

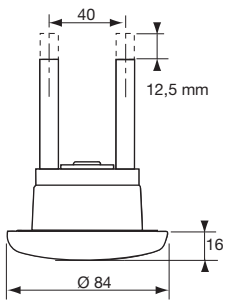
Référence *Reference*
2344550BA



Gâche zamak pour 2344550.
Zinc alloy keeper for 2344550.

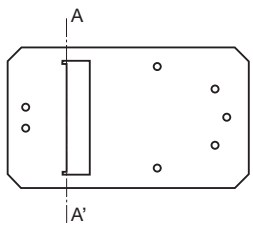
Référence *Reference*
2344550GA





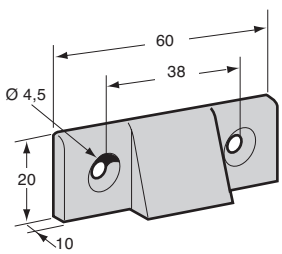
Poussoir de décondamnation intérieur pour fermeture 2344550CV / MN et 2344531.
Internal release device for 2344550CV / MN and 2344531.

Référence *Reference*	kg	Pour *For*
2344551	0,12	2344550CV / MN 2344531



Gabarit de perçage pour 2344550.
Drilling gauge for 2344550.

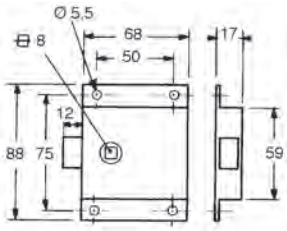
Référence *Reference*
2344552



Gâche laiton.
Brass keeper.

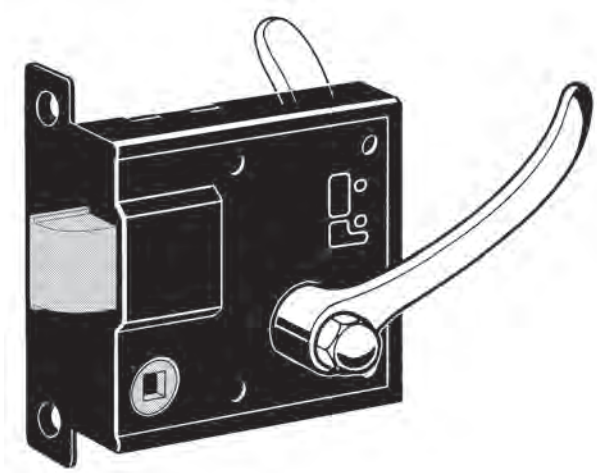
Référence *Reference*	kg
2104304	0,05

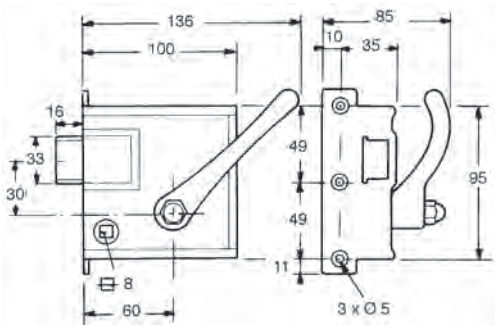
Fermeture 1 point à claquer / *1 point slam lock*



Serrure acier zingué fonctionne à droite comme à gauche.
Zinc plated steel lock, used right or left hand.

Référence *Reference*	Kg
2141992	0,25

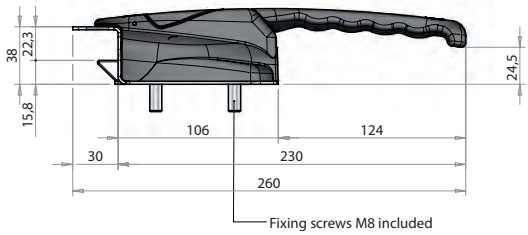


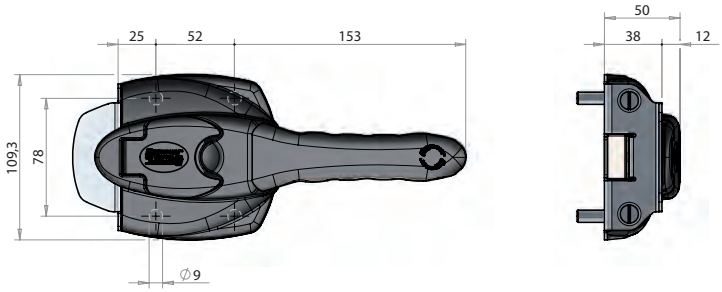


Serrure acier laqué noir avec contre-poignée de verrouillage chromée. Le visuel représente le côté gauche.
Black painted steel lock with chrome plated handle. The image represents the lefthand side.

Référence *Reference*	Kg	Côté *Hand*
2104197CD	0,8	Droit (e) *Right*
2104197CG	0,8	Gauche *Left*

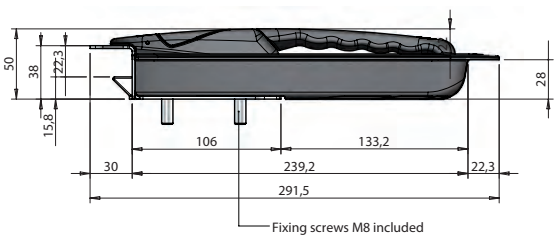
Fermeture 1 point à claquer / *1 point slam lock*

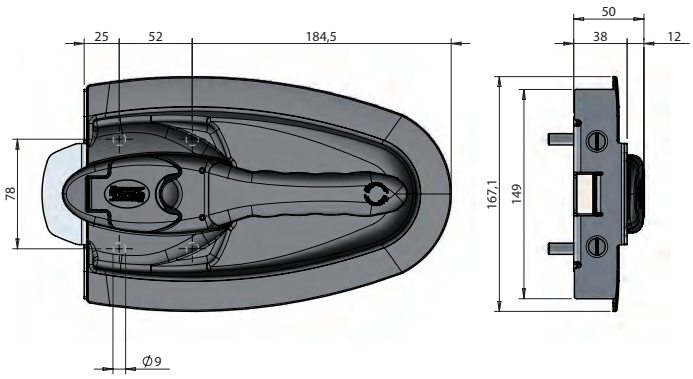




Fermeture en applique pour compartiment de transport de surgelés.
External ice-cream lock.

Référence *Reference*	Kg	Finition *Finish*
027711239	0,785	Inox & plastique *Plastic & stainless steel*

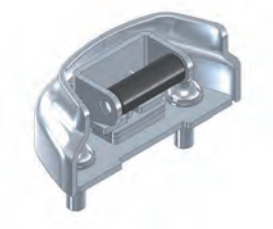


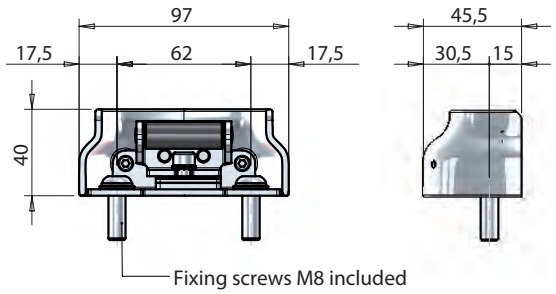


Fermeture encastrée pour compartiment de transport de surgelés.
Recessed ice-cream lock.

Référence *Reference*	Kg	Finition *Finish*
027711240	0,94	Inox & plastique *Plastic & stainless steel*

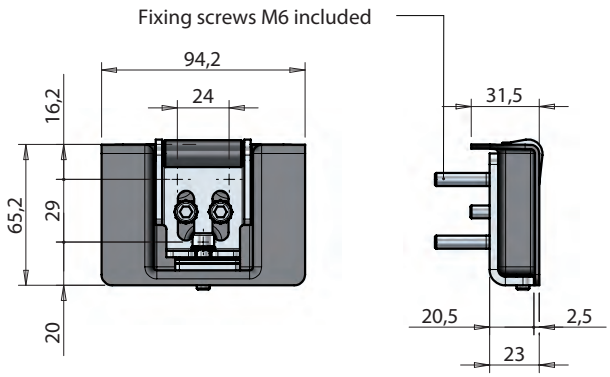
Fermeture 1 point à claquer / *1 point slam lock*





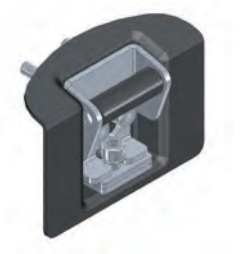
Gâche en applique.
External socket.

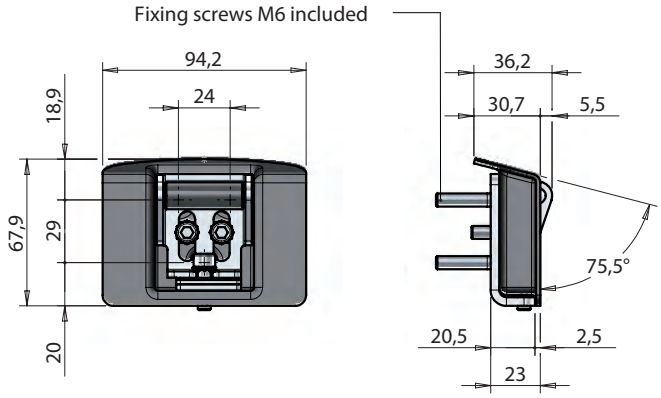
Référence *Reference*	Kg	Finition *Finish*
027711414	0,32	Acier inoxydable *Stainless steel*



Gâche à encastrer à 90°.
Recessed 90° socket.

Référence *Reference*	Kg	Finition *Finish*
027711241	0,246	Inox & plastique *Plastic & stainless steel*

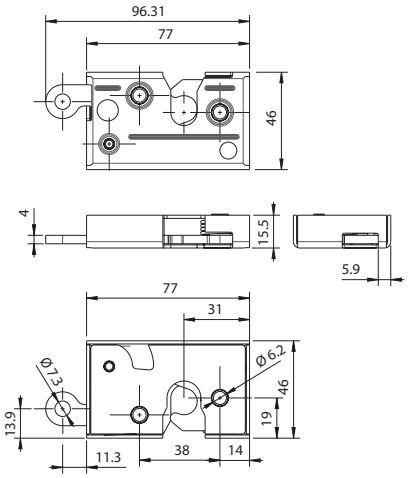




Gâche à encastrer à 110°.
Recessed 110° socket.

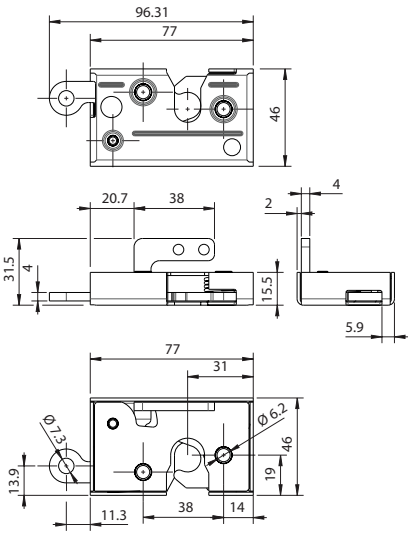
Référence *Reference*	Kg	Finition *Finish*
027711242	0,253	Inox & plastique *Plastic & stainless steel*

Serrures / *Locks*



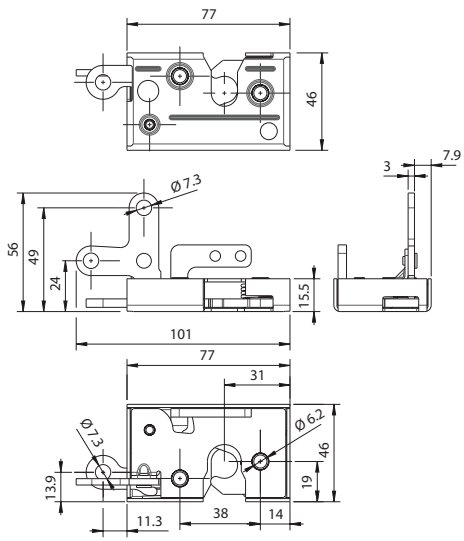
Serrure acier zinc nickel passivé 1 actionneur. Le visuel représente le côté gauche.
Zinc nickel passivated steel lock, 1 actuator. The image represents the lefthand side.

Référence *Reference*	Kg	Côté *Hand*
2141213V1D	0,175	Droit (e) *Right*
2141213V1G	0,175	Gauche *Left*



Serrure acier zinc nickel passivé 2 actionneurs. Le visuel représente le côté gauche.
Zinc nickel passivated steel lock, 2 actuator. The image represents the lefthand side.

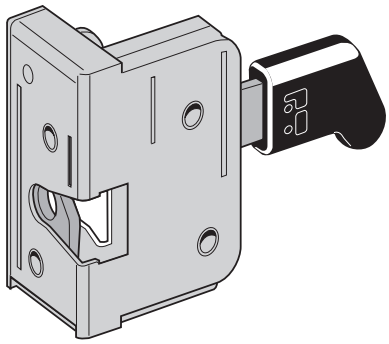
Référence *Reference*	Kg	Côté *Hand*
2141213V2D	0,190	Droit (e) *Right*
2141213V2G	0,190	Gauche *Left*

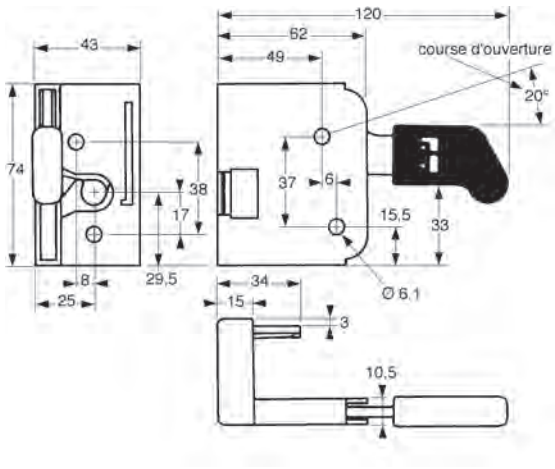


Serrure acier zinc nickel passivé 3 actionneurs. Le visuel représente le côté gauche.
Zinc nickel passivated steel lock, 3 actuator. The image represents the lefthand side.

Référence *Reference*	Kg	Côté *Hand*
2141213V3D	0,210	Droit (e) *Right*
2141213V3G	0,210	Gauche *Left*

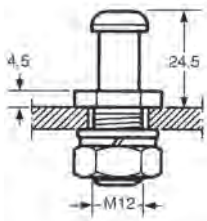
Serrures / *Locks*





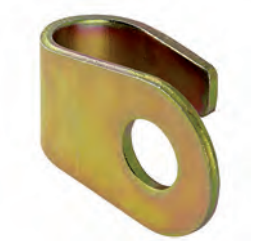
Serrure acier cataphorèse. Le visuel représente le côté droit.
Cataphorese steel lock. The image represents the righthand side.

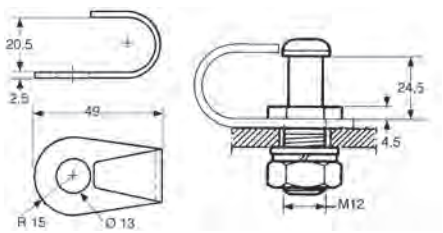
Référence *Reference*	Kg	Côté *Hand*
2141199DR	0,42	Droit (e) *Right*
2141199GA	0,42	Gauche *Left*



Gâche acier zingué pour serrure 2141205 / 2141199.
Zinc plated steel keeper for lock 2141205 / 2141199.

Référence *Reference*	Kg
2141205GA	0,07

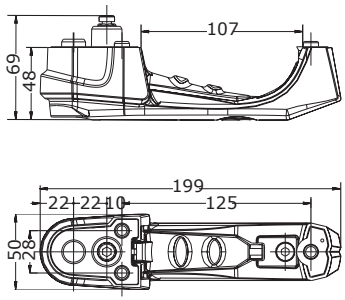




Protecteur de doigt, acier.
Steel guard.

Référence *Reference*	Kg
2141205PR	0,03

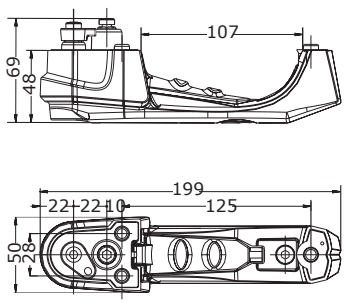
Poignées / *Handles*



P65

Poignée à condamnation à clé, livrée avec 2 clés N°14603, plastique noir.
Locking handle with key number 14603, black plastic.

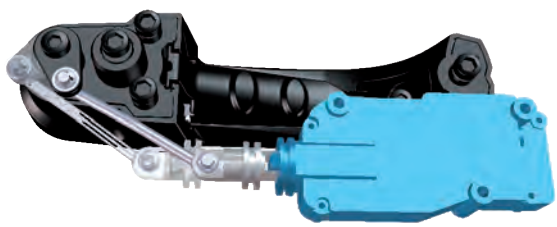
Référence *Reference*	Kg
1940020	0,30



P65

Poignée motorisable à condamnation à clé, livrée avec 2 clés N°14603, plastique noir.
Motor-driven locking handle with 2 key number 14603, black plastic.

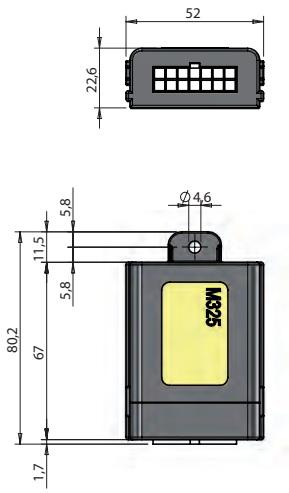
Référence *Reference*	Kg
1940020M	0,30



Actionneur 12 V.
Actuator 12 V.

Référence *Reference*	Kg
S01117022	0,092

Poignées / *Handles*



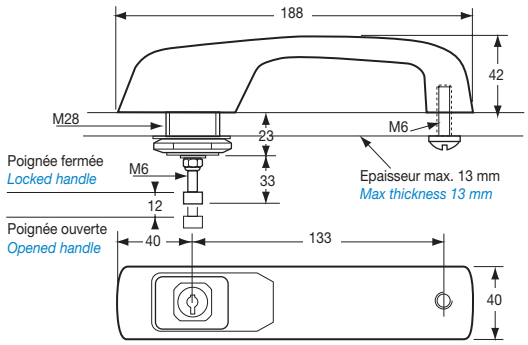
Récepteur avec faisceau électrique livré avec 2 télécommandes.
Receiver with electric beam delivered with 2 remote control.

Référence *Reference*	Kg	Pour *For*
025711173	0,40	020911647 025711172 025711171 2243482FD 2243482FG 2243483FD 2243483FG 1940020M

Interface pour centrale d'origine.
Interface for central unit.

Référence *Reference*	Kg
025711748	0,40

Poignées / *Handles*



Poignée à condamnation à clé N°610, avec 1 (*) ou 2 (**) clés, plastique noir.
Locking handle with key number 610, with 1 (*) or 2 (**) key, black plastic.

Référence *Reference*	Kg	€	Type *Type*
1940017	0,240	2	**
1940017MN	0,240	2	*

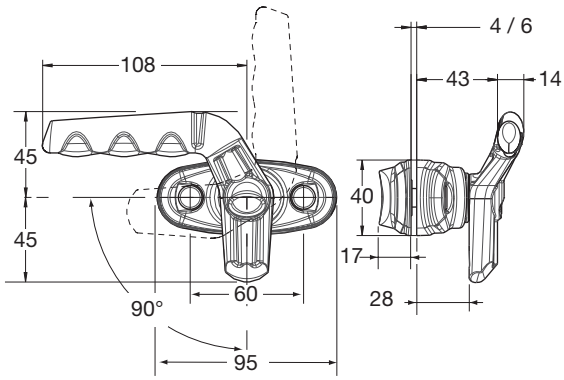
Joint supérieur E.P.D.M. noir, ép. 1 mm.
Black E.P.D.M. upper seal, 1 mm thickness.

Référence *Reference*	Epaisseur *Thickness*
1940017JS	1

Joint inférieur E.P.D.M. noir, ép. 1 mm.
Black E.P.D.M. lower gasket, 1 mm thickness.

Référence *Reference*	Epaisseur *Thickness*
1940017JI	1

Poignées / *Handles*

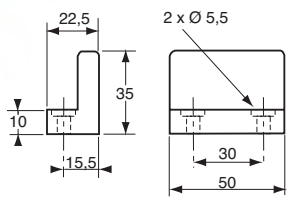


Poignée plastique noir, 1/4 de tour, complète. Le visuel représente le côté gauche. 2 vis M6-20 (fournies). Couple de serrage 1,5 à 2 N.m. Couple de serrage 3,5 à 4 N.m, 5 montages / démontages maxi.
Quarter turn handle complete, black plastic. The image represents the lefthand side. 2 M6-20 screws (suply). Screwing torque 1,5 to 2 N.m. Tightening torque 3,5 to 4 N.m. 5 screwing / unscrewing max.

Référence *Reference*	Kg	Côté *Hand*
4144315	0,150	Gauche *Left*
4144316	0,150	Droit (e) *Right*

Poignée plastique noir seule, 1/4 de tour.
Quarter turn black plastic handle only.

Référence *Reference*	Kg
4144315P0	0,12



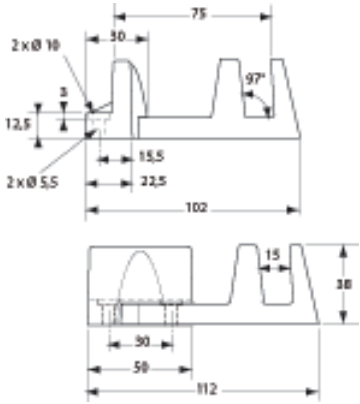
Butée de blocage pour poignée 4144315/316, plastique noir.
catchplate for 4144315/316 handle, black plastic.

Référence *Reference*	Kg	Pour *For*
4144312BU	0,035	4144315 4144316

Cache vis plastique noir.
Screw cover, black plastic.

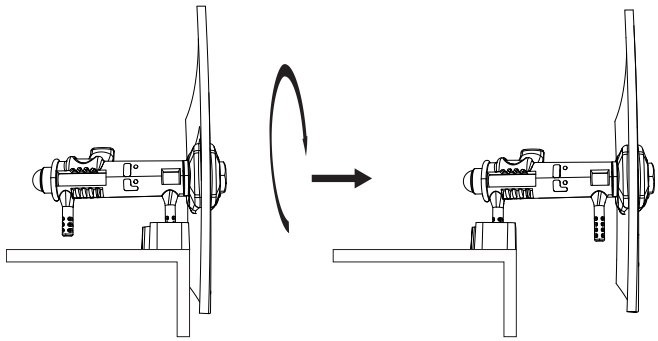
Référence *Reference*
4144312B0

Entrebailleurs / *Window stay*



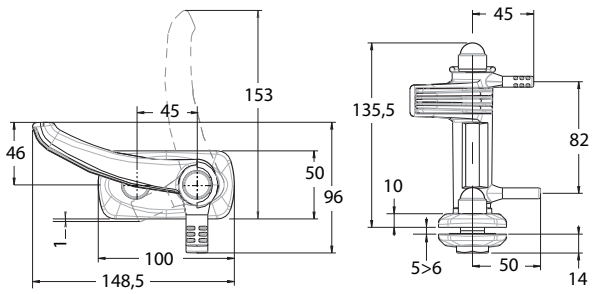
Entrebailleur plastique noir, pour poignée 4144315/316.
Window stay for 4144315/316 handle, black plastic.

Référence *Reference*	Kg	Pour *For*
4144313	0,07	4144315 4144316



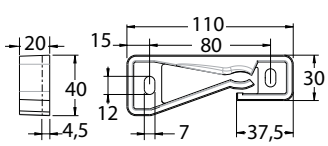
Verrou de hayon complet en sachet non monté. Couple de serrage 7+- 1 N.m.
Complete tailgate lock, in bag unassembled. Tightening torque 7 +- 1 N.m.

Référence *Reference*	Kg
4144317	0,340



Verrou de hayon en sachet non monté. Couple de serrage 7 +- 1 N.m.
Tailgate lock, in bag unassembled. Tightening torque 7 +- 1 N.m.

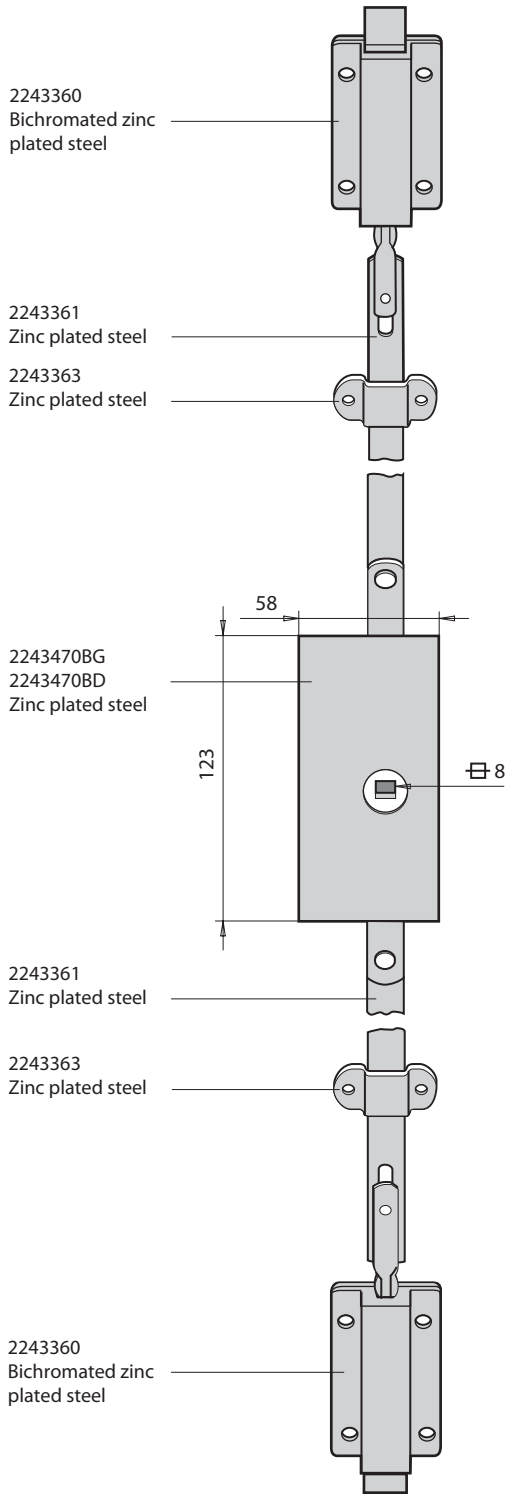
Référence *Reference*	Kg
4144317VE	0,340



Arrêt de verrou de hayon.
Tailgate lock retainer.

Référence *Reference*	Kg
4144317AV	0,30

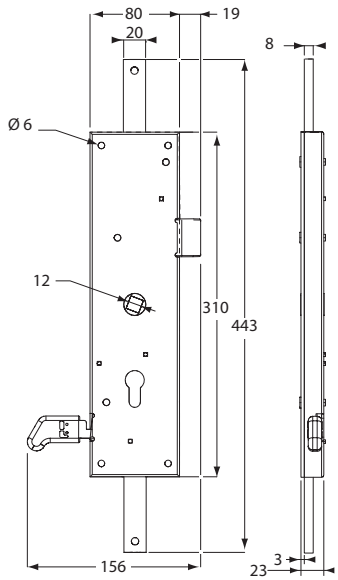
Kit de crémone à tringle / *Rod lock kit*



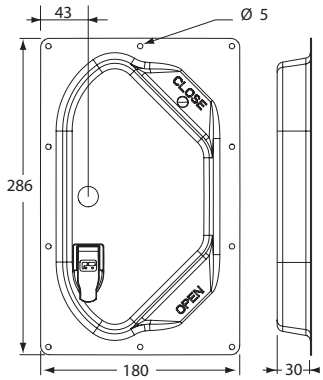
Kit de crémone à tringles en acier zingué. Equipé de 2 guides, 2 tringles H 1000 mm, 2 loqueteaux et 1 boîtier de crémone (crémone droite = côté dessin).
Zinc plated steel rod lock kit. Fitted with 2 brackets, 2 steel rods H 1000 mm, 2 slam latch and 1 central body (right lock as illustrated).

Référence *Reference*	Kg	Finition *Finish*	Côté *Hand*
2243470CD	1,160	Acier zingué *Zinc plated*	Droit (e) *Right*
2243470CG	1,160	Acier zingué *Zinc plated*	Gauche *Left*

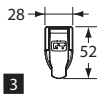
Kit de crémone à tringle / *Rod lock kit*



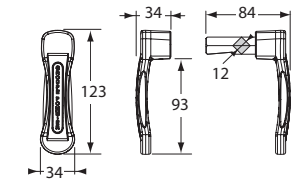
1



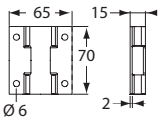
2



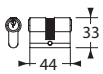
3



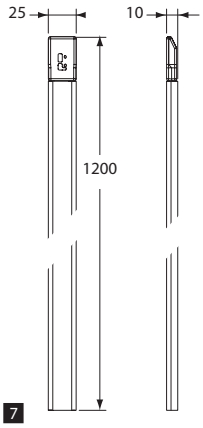
4



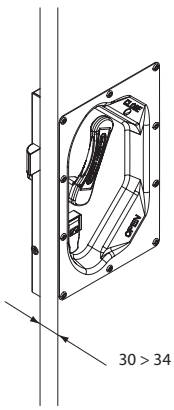
5



6



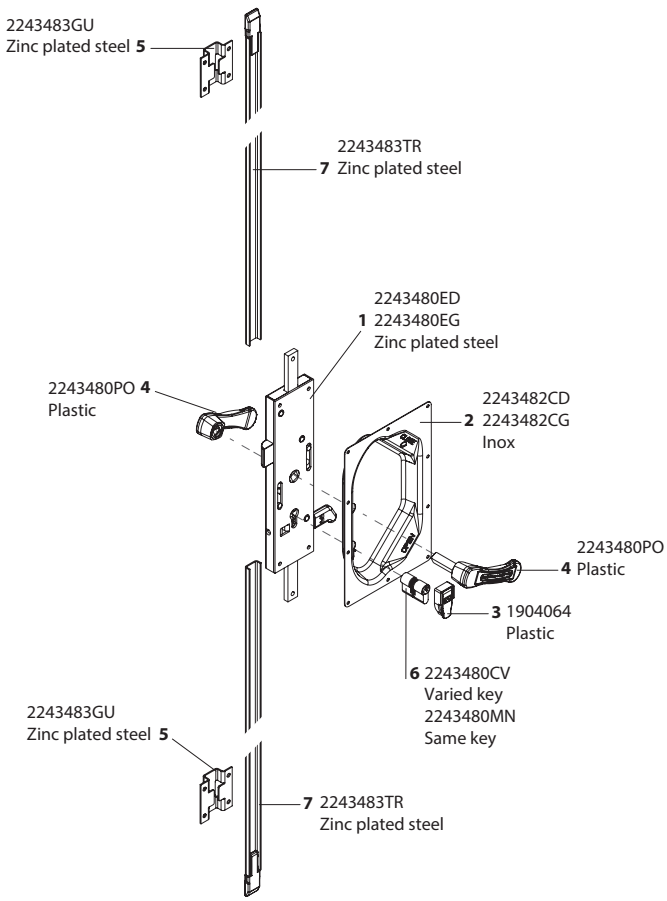
7



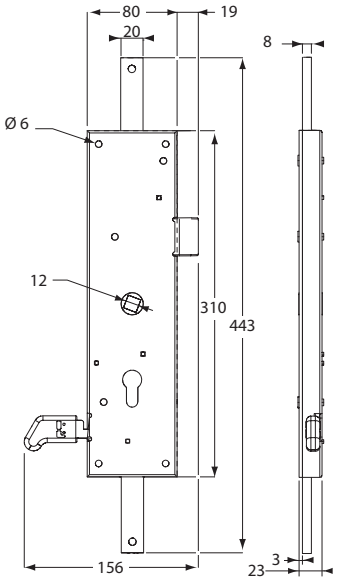
Kit de crémone à tringles en inox. Equipé de 2 guides, 2 tringles H 1200 mm avec pène soudé, 1 boitier de crémone, 1 cuvette en inox avec cache barillet, 1 barillet 22x22 combinaisons variées (*) ou identique (**), 1 ensemble poignée, 1 autocollant d'utilisation (crémone droit = côté dessin).

Stainless steel rod lock kit. Fitted with 2 brackets, 2 steel rods H 1200 mm with welded cam, 1 central body, 1 stainless steel pan with lock cover, 1 barrel 22x22 varied key combinations (*) or same key number (**), 1 handles set, 1 user label (right lock as illustrated).

Référence *Reference*	Kg	Finition *Finish*	Côté *Hand*	Type *Type*
2243482FD	4,745	Acier inoxydable *Stainless steel*	Droit (e) *Right*	*
2243482FG	4,745	Acier inoxydable *Stainless steel*	Gauche *Left*	*
2243483FD	4,745	Acier inoxydable *Stainless steel*	Droit (e) *Right*	**
2243483FG	4,745	Acier inoxydable *Stainless steel*	Gauche *Left*	**



Kit de crémone à tringle / *Rod lock kit*



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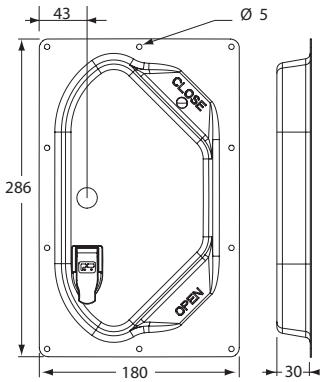

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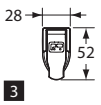

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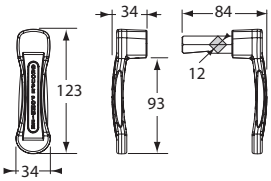

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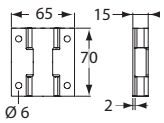

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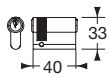

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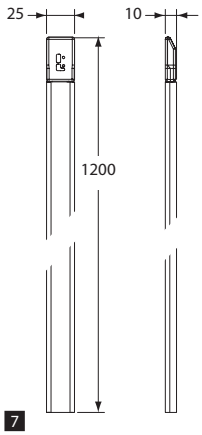

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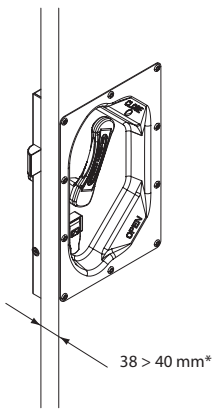
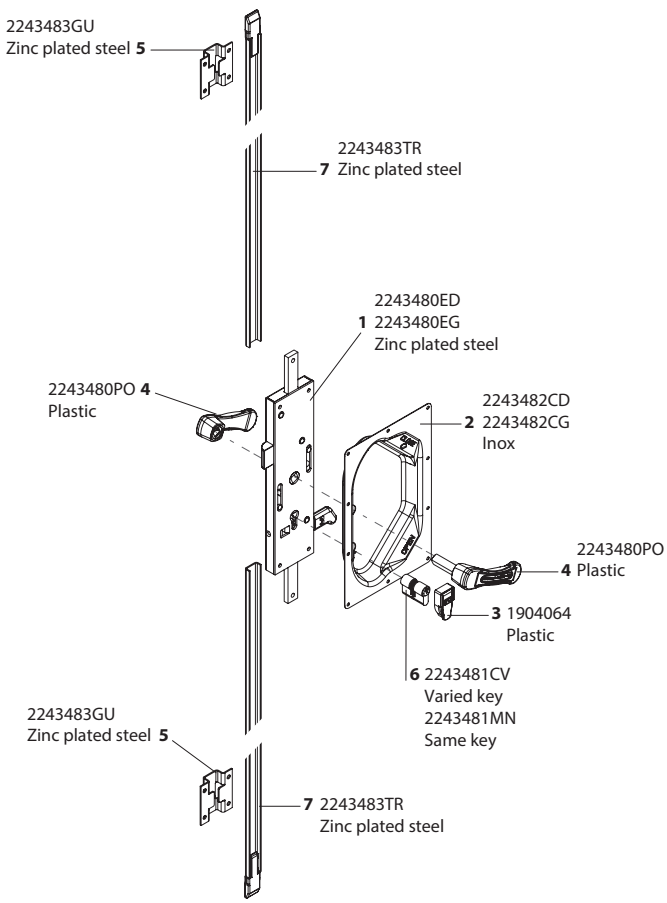


Kit de crémone à tringles en inox. Equipé de 2 guides, 2 tringles H 1200 mm avec pène soudé, 1 boitier de crémone, 1 cuvette en inox avec cache barillet, 1 barillet 10 x 30 combinaisons variées (*) ou identique (**), 1 ensemble poignée, 1 autocollant d'utilisation (crémone droit = côté dessin).

Stainless steel rod lock kit. Fitted with 2 brackets, 2 steel rods H 1200 mm with welded cam, 1 central body, 1 stainless steel pan with lock cover, 1 barrel 10 x 30 varied key combinations (*) or same key number (**), 1 handles set, 1 user label (right lock as illustrated).

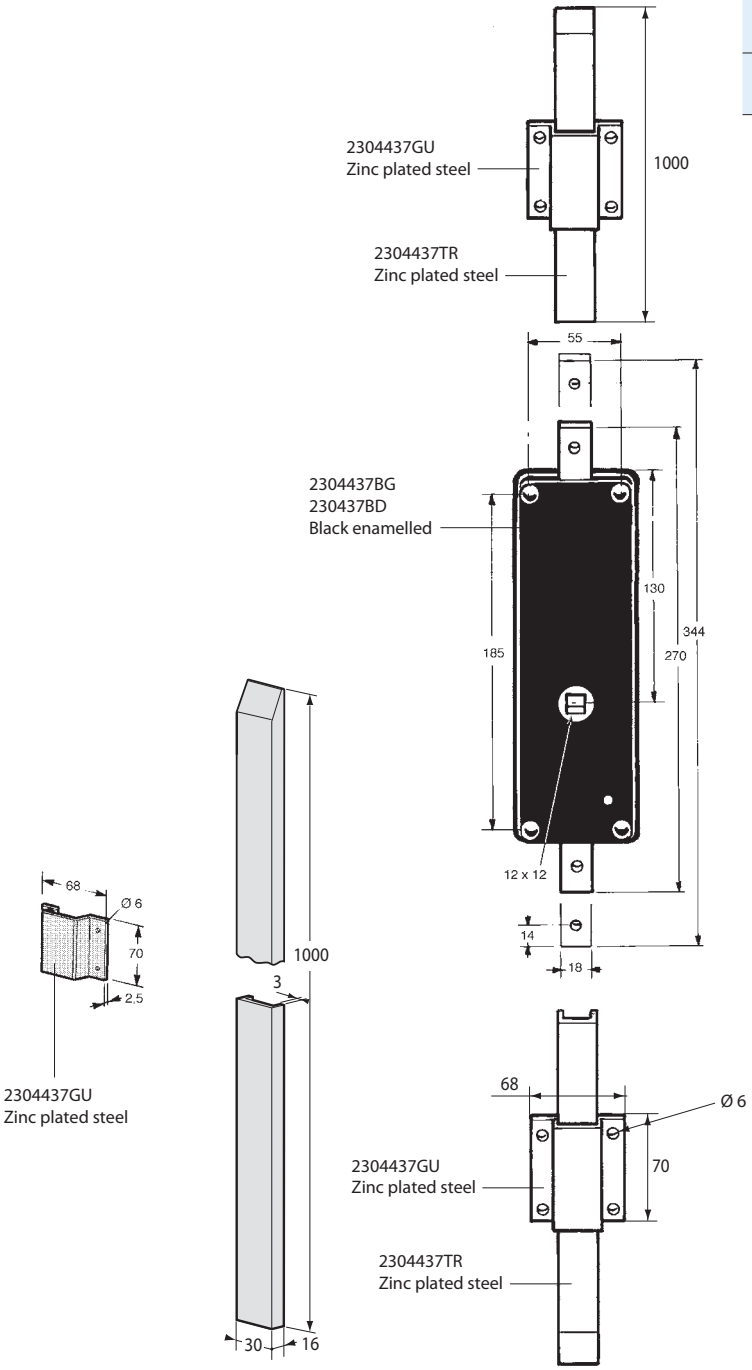
Référence *Reference*	Kg	Finition *Finish*	Côté *Hand*	Type *Type*
2243484FD	4,745	Acier inoxydable *Stainless steel*	Droit (e) *Right*	*
2243484FG	4,745	Acier inoxydable *Stainless steel*	Gauche *Left*	*
2243485FD	4,745	Acier inoxydable *Stainless steel*	Droit (e) *Right*	**
2243485FG	4,745	Acier inoxydable *Stainless steel*	Gauche *Left*	**



Kit de crémone à tringle / *Rod lock kit*

Kit de crémone à tringles en acier zingué. Equipé de 2 guides, 2 tringles H 1000 mm et 1 boitier de crémone (crémone gauche = côté dessin).
Zinc plated steel rod lock kit. Fitted with 2 brackets, 2 steel rods H 1000 mm, 1 central body (left lock as illustrated).

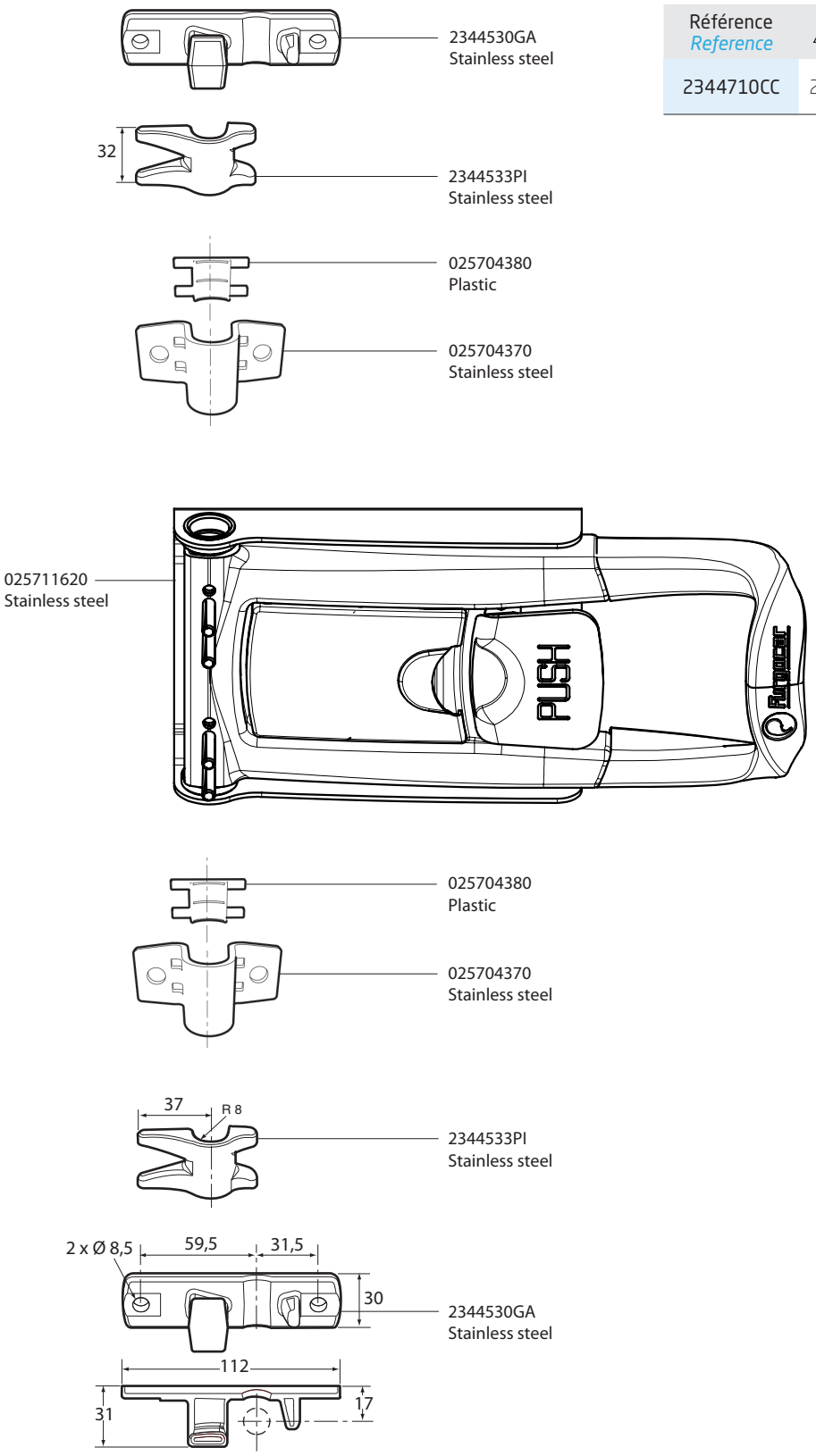
Référence *Reference*	Kg	Finition *Finish*	Côté *Hand*
2304437CD	4,24	Acier zingué *Zinc plated*	Droit (e) *Right*
2304437CG	4,24	Acier zingué *Zinc plated*	Gauche *Left*



Kit de crémone en applique Ø16 inox / *External locking gear kit Ø16 stainless steel*

Kit de crémone complète en acier inoxydable sans rond Ø 16.
Stainless steel locking gear without Ø 16 rod.

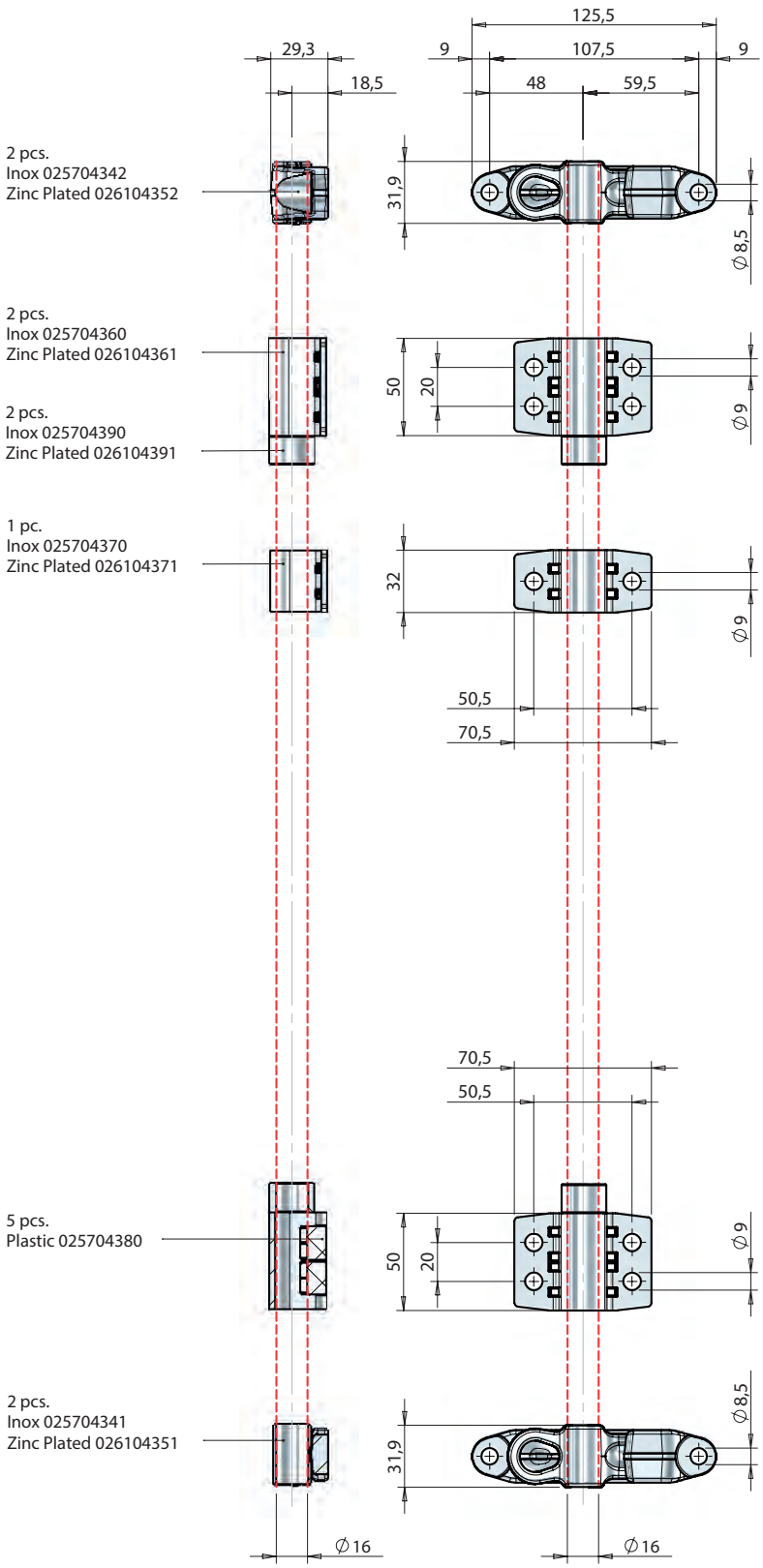
Référence *Reference*	Kg	Finition *Finish*
2344710CC	2,600	Acier inoxydable *Stainless steel*



Kit de crémone en applique Ø16 inox / *External locking gear kit Ø16 stainless steel*

Kit crémone en applique ST1 Ø 16.
External locking gear kit Ø 16 ST1.

Référence *Reference*	Kg	Finition *Finish*
022510015	1,1	Acier inoxydable *Stainless steel*



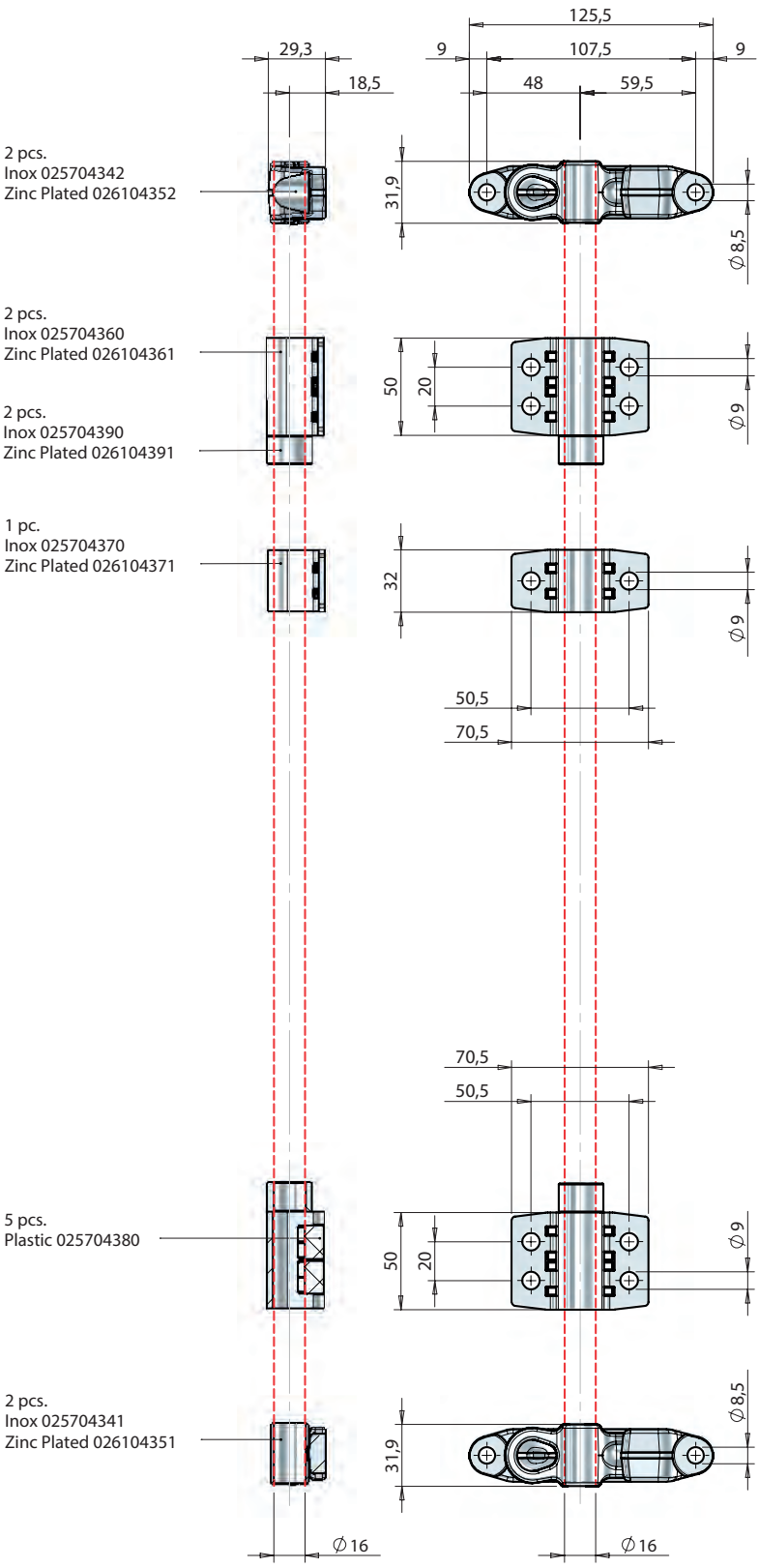
Kit de crémone en applique Ø16 / *External locking gear kit Ø16*

POMMIER

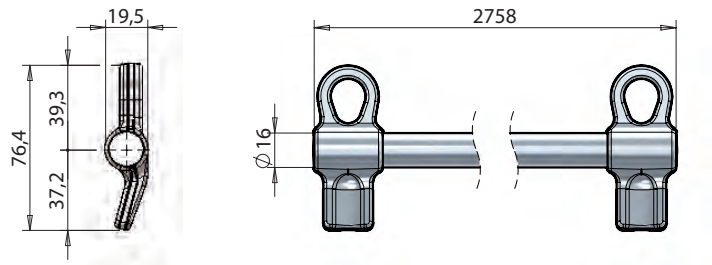
FURGOCAR ST1 16

Kit crémone en applique.
External locking gear kit.

Référence *Reference*	Kg	Finition *Finish*
022511053	1,1	Acier zingué *Zinc plated*

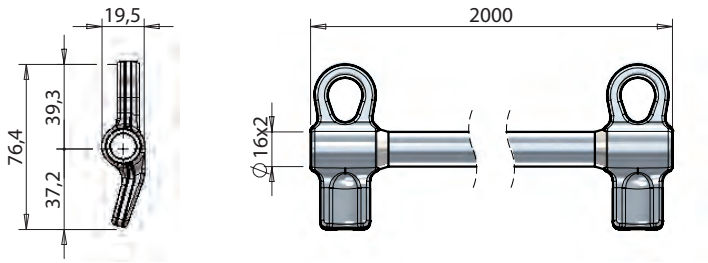


Kit de crémone en applique Ø16 / *External locking gear kit Ø16*



Axe Ø 16 avec pênes ST1 soudés pour gâches à fixation verticale.
Rod Ø 16 assembled with ST1 cams for vertical operation keepers.

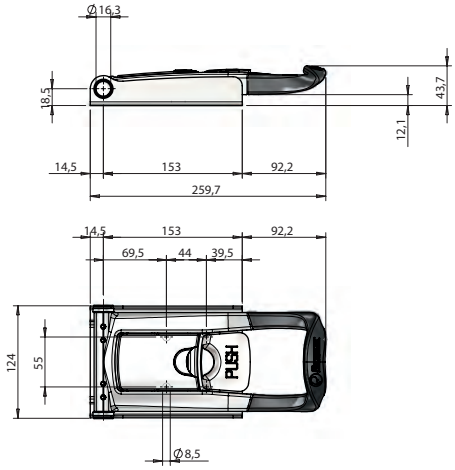
Référence *Reference*	Kg	Finition *Finish*
02160311A	4,58	Acier zingué *Zinc plated*



Axe Ø 16 x 2 mm avec pênes ST1 soudés pour gâches à fixation verticale.
Rod Ø 16 x 2 mm assembled with ST1 cams for vertical operation keepers.

Référence *Reference*	Kg	Finition *Finish*
02160311B	1,63	Acier zingué *Zinc plated*

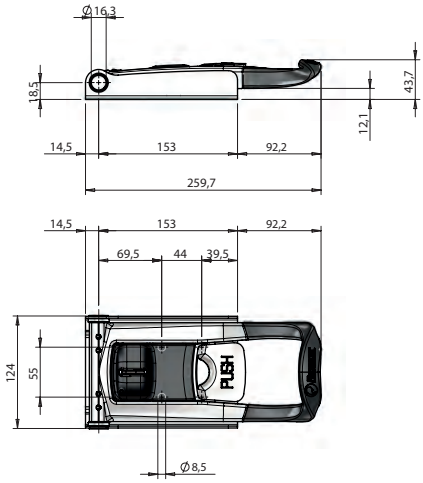
Poignées pour crémone en applique Ø16 inox/*Handles for external locking gear Ø16 stainless steel*



FURGOCAR TORSEO 16

Poignée Ø 16 PUSH en applique. Points de fixation intérieurs avec couvercle de protection et barillet.
Ø 16 PUSH external handle. Internal holes, standard cover & barrel.

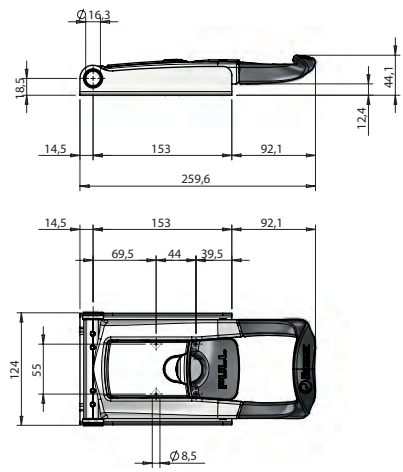
Référence *Reference*	Kg	Finition *Finish*
025711620	1,45	Acier inoxydable *Stainless steel*



FURGOCAR TORSEO 16

Poignée Ø 16 PUSH en applique. Points de fixation intérieurs avec couvercle spécifique pour cadenas.
Ø 16 PUSH external handle. Internal holes, paddle lock cover.

Référence *Reference*	Kg	Finition *Finish*
025711657	1,40	Acier inoxydable *Stainless steel*

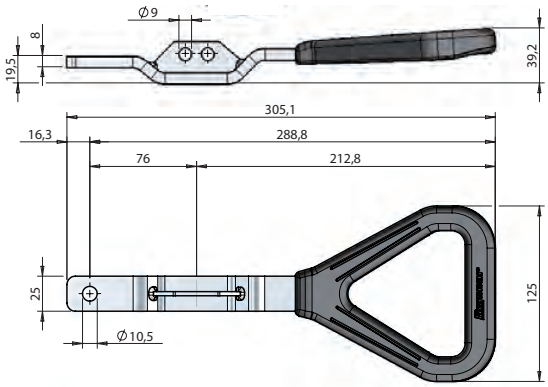


FURGOCAR TORSEO 16

Poignée Ø 16 PULL en applique. Points de fixation intérieurs avec couvercle de protection et barillet.
Ø 16 PULL external handle. Internal holes, standard cover & barrel.

Référence *Reference*	Kg	Finition *Finish*
025711621	1,54	Acier inoxydable *Stainless steel*

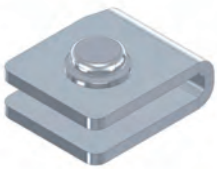
Poignées pour crémone en applique Ø16 inox/*Handles for external locking gear Ø16 stainless steel*

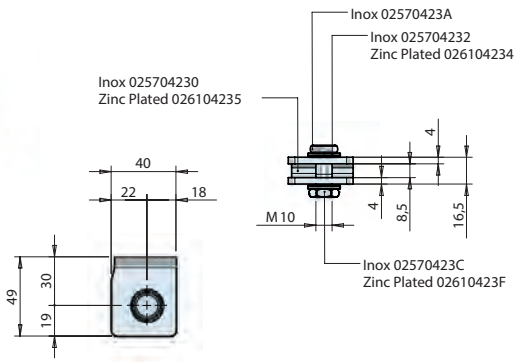


FURGOCAR ERGO

Poignée D/G 25 x 8 mm, prise de main plastifiée.
RH/LH plastic coated lever 25 x 8 mm.

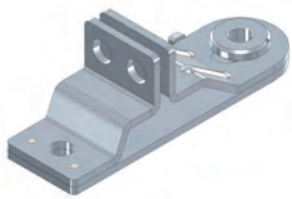
Référence *Reference*	Kg	Finition *Finish*
025710552	0,53	Acier inoxydable *Stainless steel*

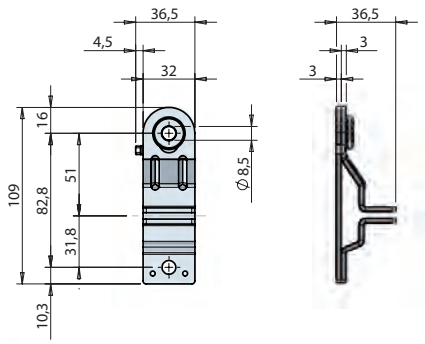




Kit chape de poignée Ø 16 complète.
Lever mount kit Ø 16 complete with bolt, washers and nut.

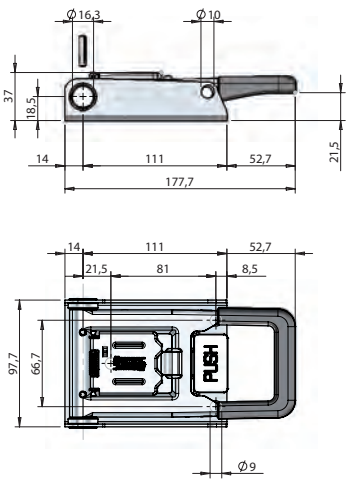
Référence *Reference*	Kg	Finition *Finish*
025711049	0,154	Acier inoxydable *Stainless steel*





Verrou de poignée 25 x 8 mm.
Lever retainer 25 x 8 mm.

Référence *Reference*	Kg	Finition *Finish*
025704180	0,184	Acier inoxydable *Stainless steel*

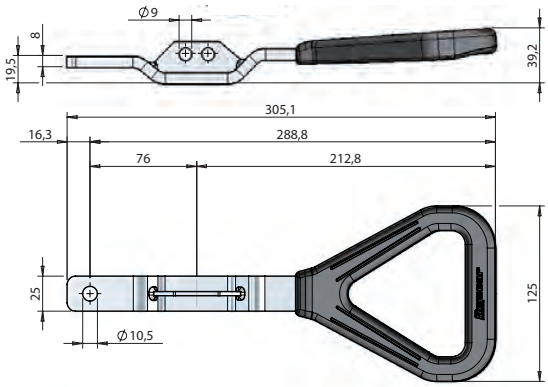


FURGOCAR MINI-PUSH 16

Fermeture en applique Ø 16.
External lock Ø 16.

Référence *Reference*	Kg	Finition *Finish*
025710743	0,874	Acier inoxydable *Stainless steel*

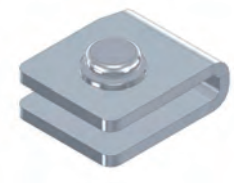
Poignées pour crémone en applique Ø16 / *Handles for external locking gear Ø16*

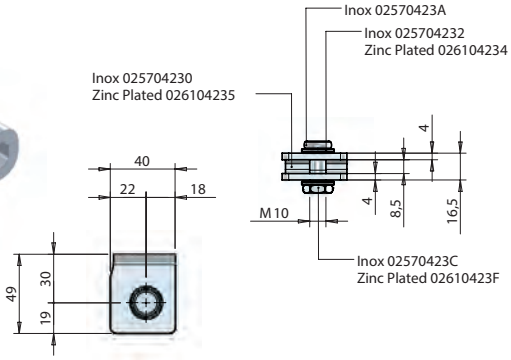


FURGOCAR ERGO

Poignée D/G 25 x 8 mm, prise de main plastifiée.
RH/LH plastic coated lever 25 x 8 mm.

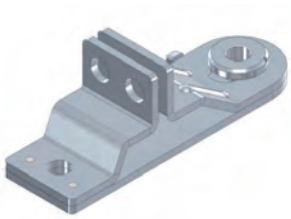
Référence *Reference*	Kg	Finition *Finish*
026110553	0,52	Acier zingué *Zinc plated*

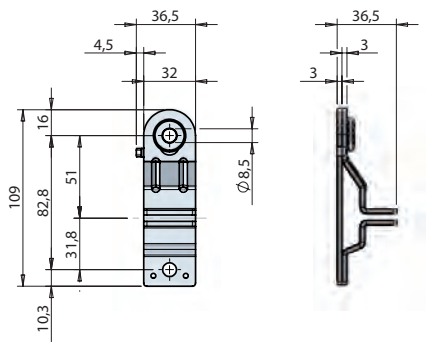




Kit chape de poignée Ø 16 complète.
Lever mount kit Ø 16 complete with bolt, washers and nut.

Référence *Reference*	Kg	Finition *Finish*
026111050	0,154	Acier zingué *Zinc plated*

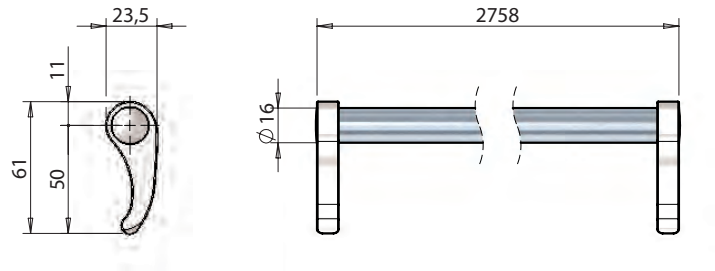




Verrou de poignée 25 x 8 mm.
Lever retainer 25 x 8 mm.

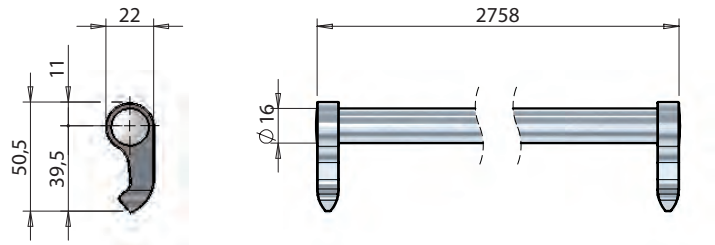
Référence *Reference*	Kg	Finition *Finish*
026104184	0,19	Acier zingué *Zinc plated*

Kit de crémone à encastrer Ø16 / *Recessed locking gear kit Ø16*



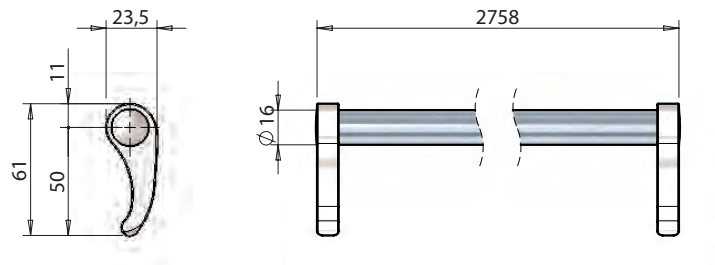
Axe Ø 16 avec pênes universels soudés pour gâches à fixation horizontale.
Rod Ø 16 assembled with universal cams for horizontal operation keepers.

Référence *Reference*	Kg	Finition *Finish*
021603124	4,45	Acier inoxydable *Stainless steel*



Axe Ø 16 avec pênes soudés pour gâches à fixation horizontale.
Rod Ø 16 assembled with cams for horizontal operation keepers.

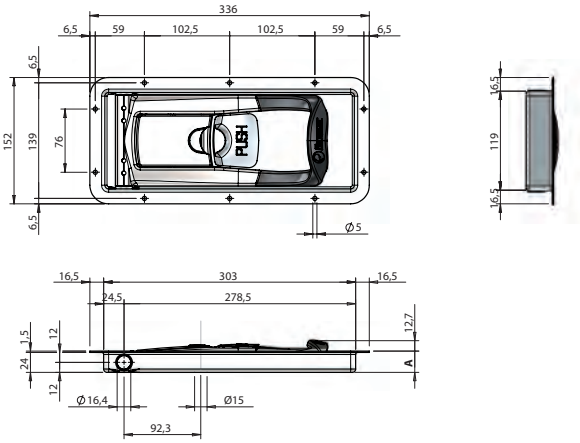
Référence *Reference*	Kg	Finition *Finish*
021603121	4,495	Acier zingué *Zinc plated*



Axe Ø 16 avec pênes universels soudés pour gâches à fixation horizontale.
Rod Ø 16 assembled with universal cams for horizontal operation keepers.

Référence *Reference*	Kg	Finition *Finish*
021603125	4,51	Acier zingué *Zinc plated*

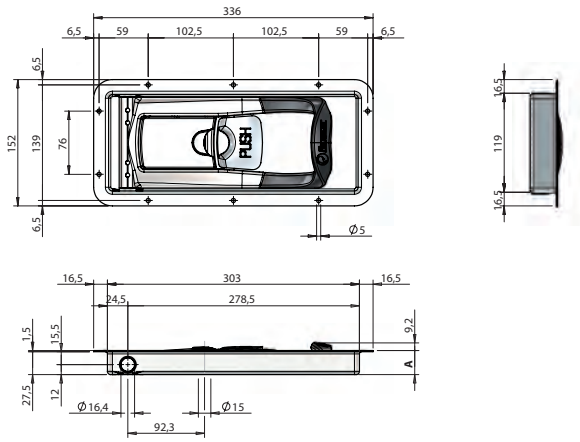
Poignées pour crémone à encastrer Ø16 inox / *Handles for recessed locking gear Ø16 stainless steel*



FURGOCAR TORSEO 16

Poignée Ø 16 PUSH à encastrer, 25,5 mm. Fixation périmétrique avec couvercle de protection et barillet.
Ø 16 PUSH recessed handle 25,5 mm. Perimetric holes, standard cover & barrel.

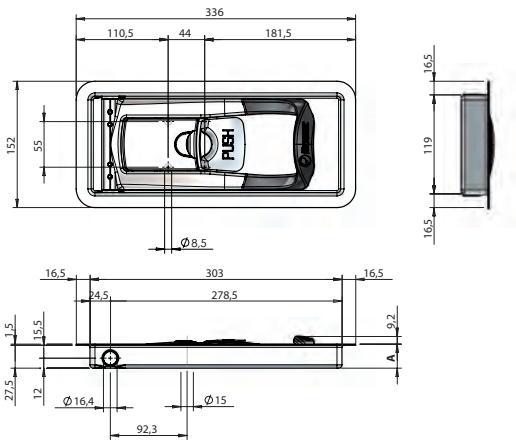
Référence *Reference*	Kg	A (mm)	Finition *Finish*
020911565	1,74	26	Acier inoxydable *Stainless steel*



FURGOCAR TORSEO 16

Poignée Ø 16 PUSH à encastrer, 29 mm. Fixation périmétrique avec couvercle de protection et barillet.
Ø 16 PUSH recessed handle 29 mm. Perimetric holes, standard cover & barrel.

Référence *Reference*	Kg	A (mm)	Finition *Finish*
020911563	1,74	29	Acier inoxydable *Stainless steel*

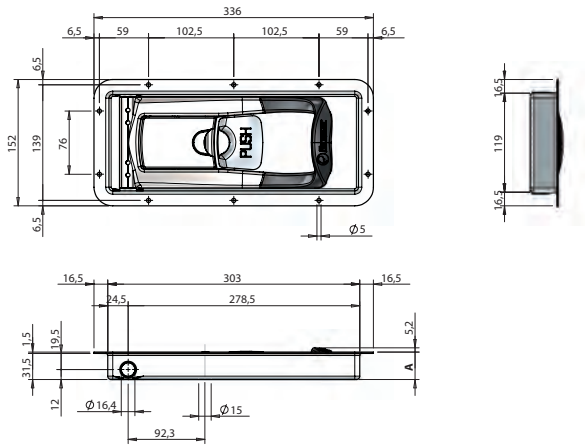


FURGOCAR TORSEO 16

Poignée Ø 16 PUSH à encastrer, 29 mm. Fixation intérieure avec couvercle de protection et barillet.
Ø 16 PUSH recessed handle 29 mm. Internal holes, standard cover & barrel.

Référence *Reference*	Kg	A (mm)	Finition *Finish*
020911564	1,74	29	Acier inoxydable *Stainless steel*

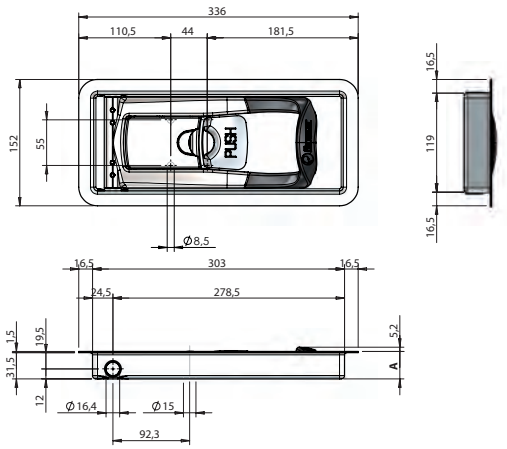
Poignées pour crémone à encastrer Ø16 inox / *Handles for recessed locking gear Ø16 stainless steel*



FURGOCAR TORSEO 16

Poignée Ø 16 PUSH à encastrer, 33 mm. Fixation périmétrique avec couvercle de protection et barillet.
Ø 16 PUSH recessed handle 33 mm. Perimetric holes, standard cover & barrel.

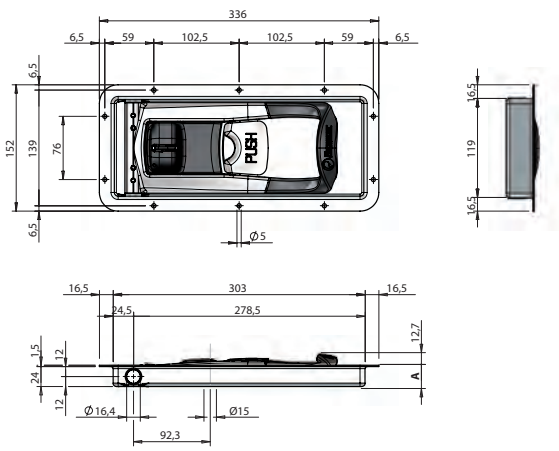
Référence *Reference*	Kg	A (mm)	Finition *Finish*
020911635	1,74	33	Acier inoxydable *Stainless steel*



FURGOCAR TORSEO 16

Poignée Ø 16 PUSH à encastrer, 33 mm. Fixation intérieure avec couvercle de protection et barillet.
Ø 16 PUSH recessed handle 33 mm. Internal holes, standard cover & barrel.

Référence *Reference*	Kg	A (mm)	Finition *Finish*
020911636	1,74	33	Acier inoxydable *Stainless steel*

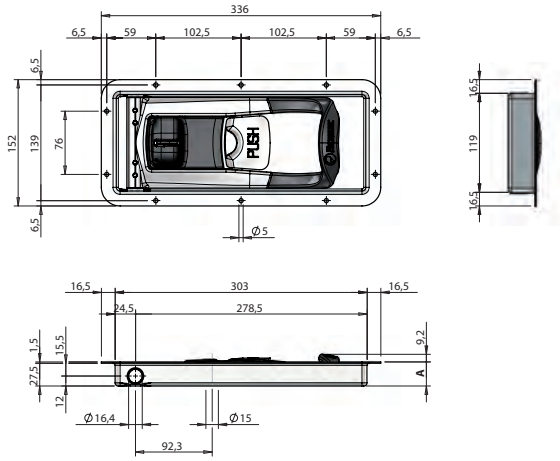


FURGOCAR TORSEO 16

Poignée Ø 16 PUSH à encastrer, 25,5 mm. Fixation périmétrique avec couvercle spécifique pour cadenas.
Ø 16 PUSH recessed handle 25,5 mm. Perimetric holes, paddle lock cover.

Référence *Reference*	Kg	A (mm)	Finition *Finish*
020911654	1,70	26	Acier inoxydable *Stainless steel*

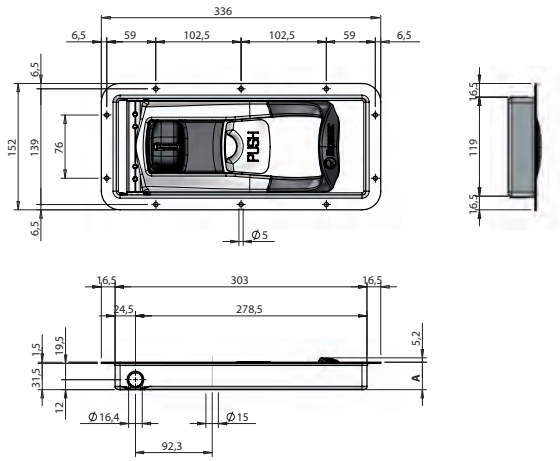
Poignées pour crémone à encastrer Ø16 inox / *Handles for recessed locking gear Ø16 stainless steel*



FURGOCAR TORSEO 16

Poignée Ø 16 PUSH à encastrer, 29 mm. Fixation périmétrique avec couvercle spécifique pour cadenas.
Ø 16 PUSH recessed handle 29 mm. Perimetric holes, paddle lock cover.

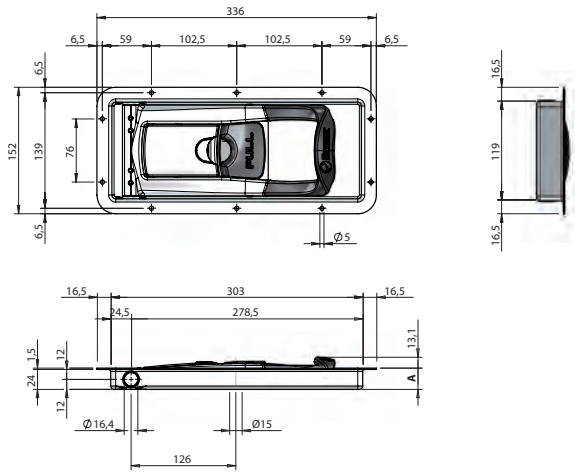
Référence *Reference*	Kg	A (mm)	Finition *Finish*
020911652	1,70	29	Acier inoxydable *Stainless steel*



FURGOCAR TORSEO 16

Poignée Ø 16 PUSH à encastrer, 33 mm. Fixation périmétrique avec couvercle spécifique pour cadenas.
Ø 16 PUSH recessed handle 33 mm. Perimetric holes, paddle lock cover.

Référence *Reference*	Kg	A (mm)	Finition *Finish*
020911655	1,70	33	Acier inoxydable *Stainless steel*

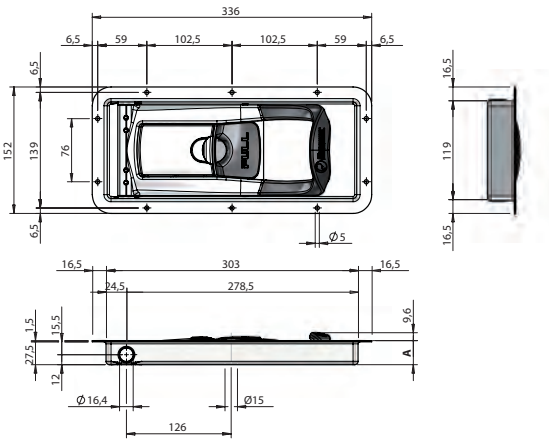


FURGOCAR TORSEO 16

Poignée Ø 16 PULL à encastrer, 25,5 mm. Fixation périmétrique avec couvercle de protection et barillet.
Ø 16 PULL recessed handle 25,5 mm. Perimetric holes, standard cover & barrel.

Référence *Reference*	Kg	A (mm)	Finition *Finish*
020911568	1,87	26	Acier inoxydable *Stainless steel*

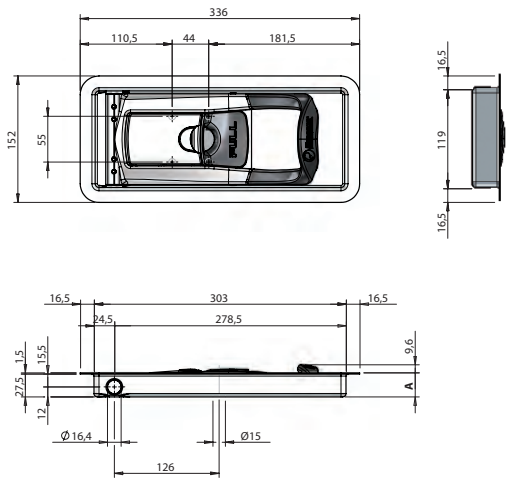
Poignées pour crémone à encastrer Ø16 inox / *Handles for recessed locking gear Ø16 stainless steel*



FURGOCAR TORSEO 16

Poignée Ø 16 PULL à encastrer, 29 mm. Fixation périmétrique avec couvercle de protection et barillet.
Ø 16 PULL recessed handle 29 mm. Perimetric holes, standard cover & barrel.

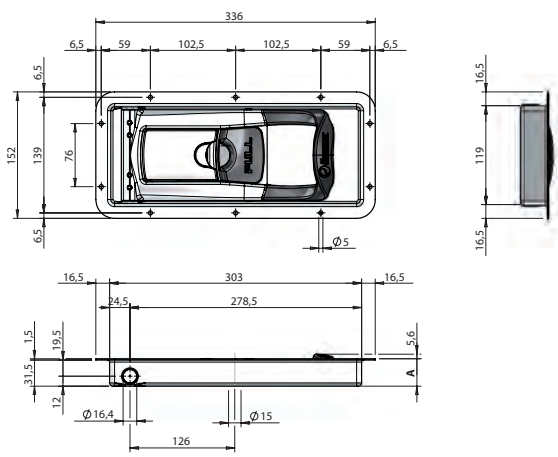
Référence *Reference*	Kg	A (mm)	Finition *Finish*
020911566	1,87	29	Acier inoxydable *Stainless steel*



FURGOCAR TORSEO 16

Poignée Ø 16 PULL à encastrer, 29 mm. Fixation intérieure avec couvercle de protection et barillet.
Ø 16 PULL recessed handle 29 mm. Internal holes, standard cover & barrel.

Référence *Reference*	Kg	A (mm)	Finition *Finish*
020911567	1,87	29	Acier inoxydable *Stainless steel*

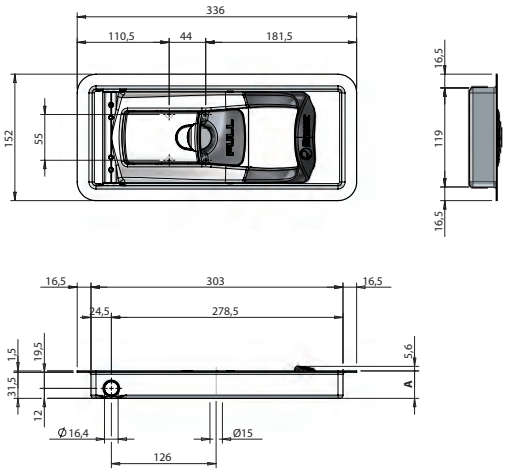


FURGOCAR TORSEO 16

Poignée Ø 16 PULL à encastrer, 33 mm. Fixation périmétrique avec couvercle de protection et barillet.
Ø 16 PULL recessed handle 33 mm. Perimetric holes, standard cover & barrel.

Référence *Reference*	Kg	A (mm)	Finition *Finish*
020911637	1,37	33	Acier inoxydable *Stainless steel*

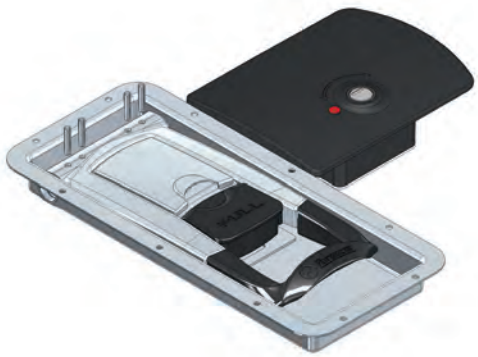
Poignées pour crémone à encastrer Ø16 inox / *Handles for recessed locking gear Ø16 stainless steel*

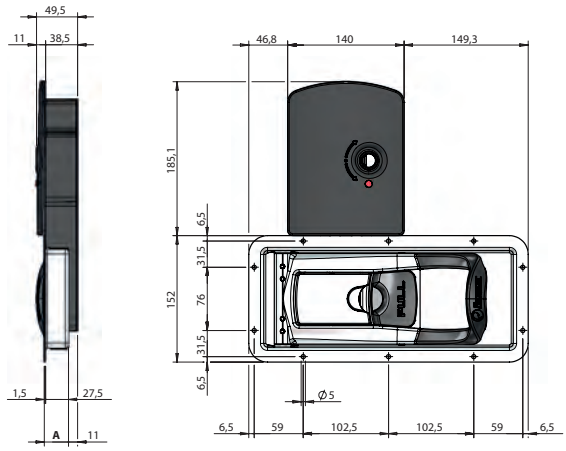


FURGOCAR TORSEO 16

Poignée Ø 16 PULL à encastrer, 33 mm. Fixation intérieure avec couvercle de protection et barillet.
Ø 16 PULL recessed handle 33 mm. Internal holes, standard cover & barrel.

Référence *Reference*	Kg	A (mm)	Finition *Finish*
020911638	1,87	33	Acier inoxydable *Stainless steel*



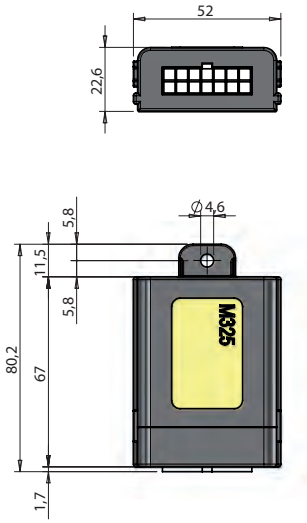


FURGOCAR TORSEO 16

Poignée Ø 16 PULL à encastrer, 29 mm. Fixation périmétrique avec commande à distance.
Ø 16 PULL recessed handle 29 mm. Perimetric holes, remote control.

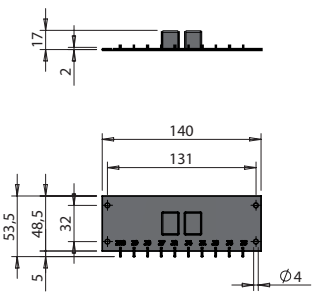
Référence *Reference*	Kg	A (mm)	Finition *Finish*
020911647	3,80	29	Acier inoxydable *Stainless steel*

Poignées pour crémone à encastrer Ø16 inox / *Handles for recessed locking gear Ø16 stainless steel*



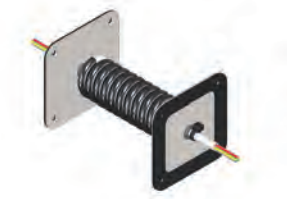
Récepteur avec faisceau électrique livré avec 2 télécommandes.
Receiver with electric beam delivered with 2 remote control.

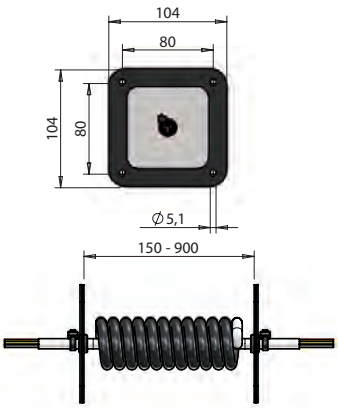
Référence *Reference*	Kg	Pour *For*
025711173	0,40	020911647 025711172 025711171 2243482FD 2243482FG 2243483FD 2243483FG



Carte relais puissance 12V-30A.
12V-30A power relay board.

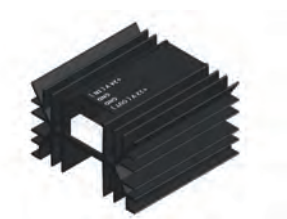
Référence *Reference*	Kg	Finition *Finish*
025711188	0,106	Plastique *Plastic*

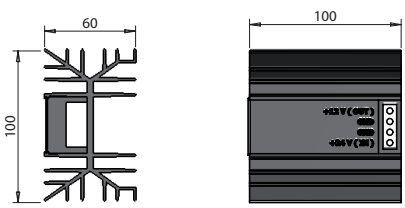




Câble de jonction 5 x 1 mm², cosses 6.35 mm, extensible de 150 à 900 mm. Platines inox avec joints d'étanchéité.
Junction cable 5 x 1 mm², 6.35 mm connectors. Extendable from 150 to 900 mm. Stainless steel plates with gaskets.

Référence *Reference*	Kg	Longueur *Length*
025711174	0,454	150-900

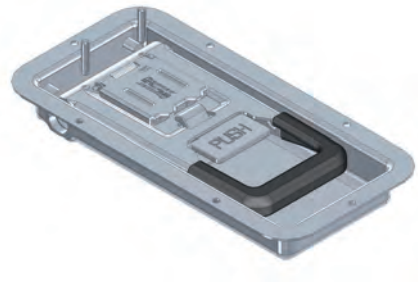


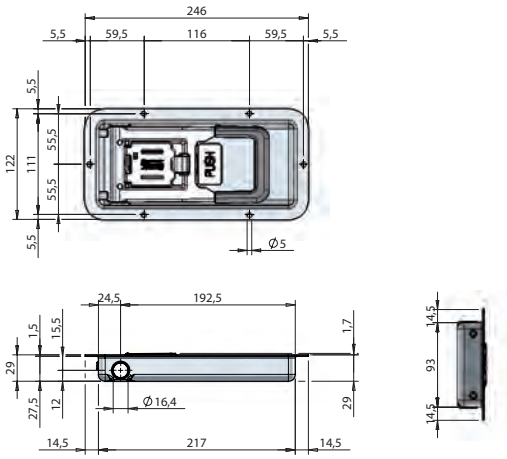


Abaisseur tension de 24V à 12V.
Inverter from 24V to 12V.

Référence *Reference*	Kg	Finition *Finish*
025711175	0,43	Aluminium *Aluminium*

Poignées pour crémone à encastrer Ø16 inox / *Handles for recessed locking gear Ø16 stainless steel*

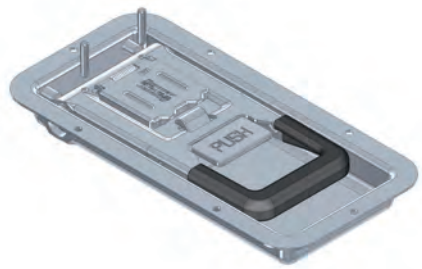


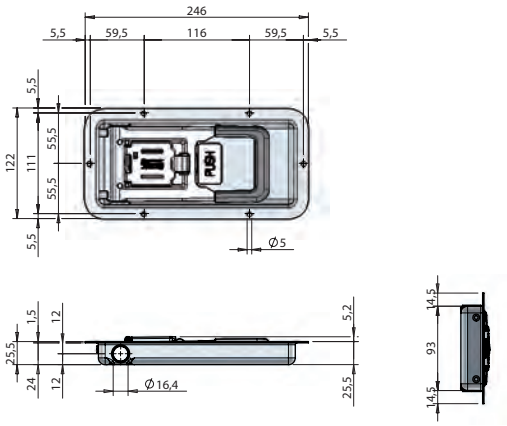


FURGOCAR MINI-PUSH

Fermeture Ø 16 à encastrer 29 mm.
Recessed lock Ø 16, 29 mm depth.

Référence *Reference*	Kg	Finition *Finish*
020910723	1,046	Acier inoxydable *Stainless steel*

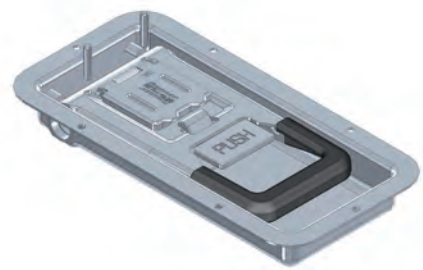


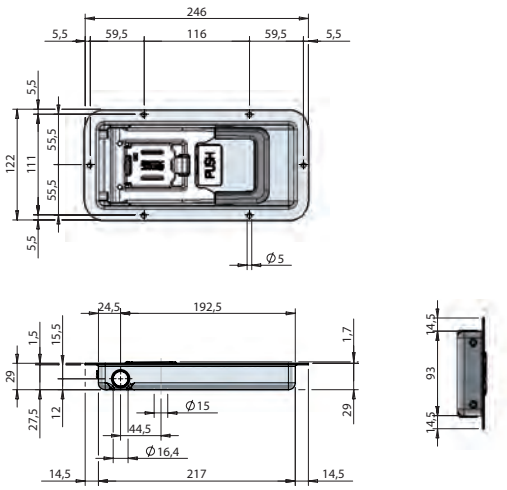


FURGOCAR MINI-PUSH

Fermeture Ø 16 à encastrer 25,5 mm.
Recessed lock Ø 16, 25,5 mm depth.

Référence *Reference*	Kg	Finition *Finish*
020910724	1,055	Acier inoxydable *Stainless steel*



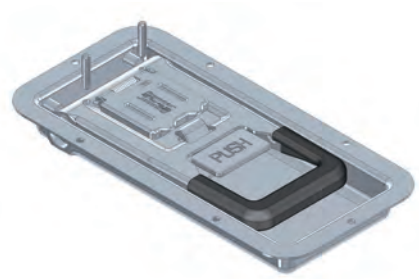


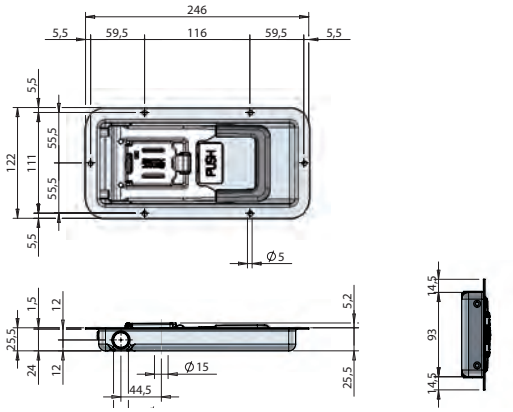
FURGOCAR MINI-PUSH

Fermeture Ø 16 à encastrer 29 mm avec prédisposition pour décondamnation intérieure.
Recessed lock Ø 16, 29 mm depth predisposed for internal release.

Référence *Reference*	Kg	Finition *Finish*
020910824	1,045	Acier inoxydable *Stainless steel*

Poignées pour crémone à encastrer Ø16 inox / *Handles for recessed locking gear Ø16 stainless steel*

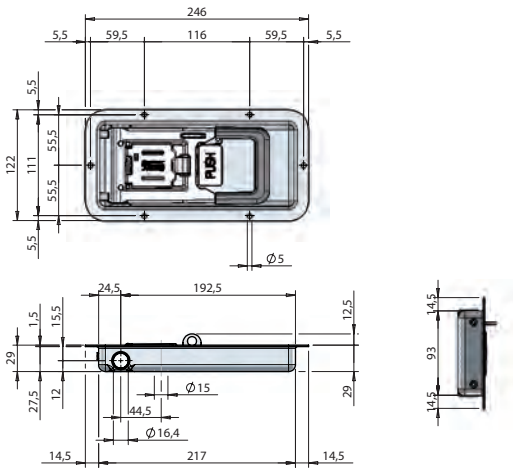




FURGOCAR MINI-PUSH

Fermeture Ø 16 à encastrer 25,5 mm avec prédisposition pour décondamnation intérieure.
Recessed lock Ø 16, 25,5 mm depth predisposed for internal release.

Référence *Reference*	Kg	Finition *Finish*
020910825	1,055	Acier inoxydable *Stainless steel*

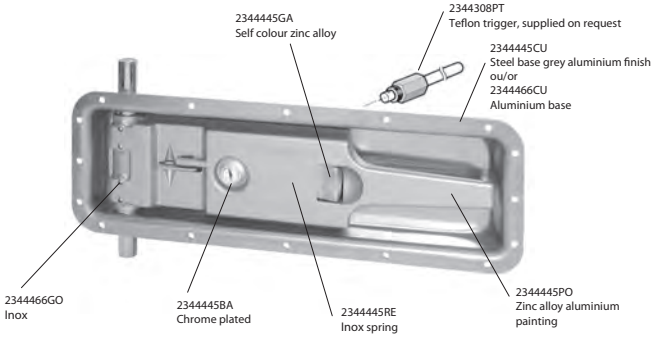


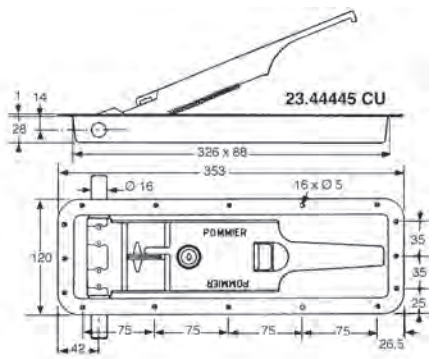
FURGOCAR MINI-PUSH

Fermeture Ø 16 à encastrer 29 mm cadenassable.
Recessed lock Ø 16, 29 mm depth lockable.

Référence *Reference*	Kg	Finition *Finish*
020910881	1,096	Acier inoxydable *Stainless steel*

Poignées pour crémone à encastrer Ø16 / *Handles for recessed locking gear Ø16*





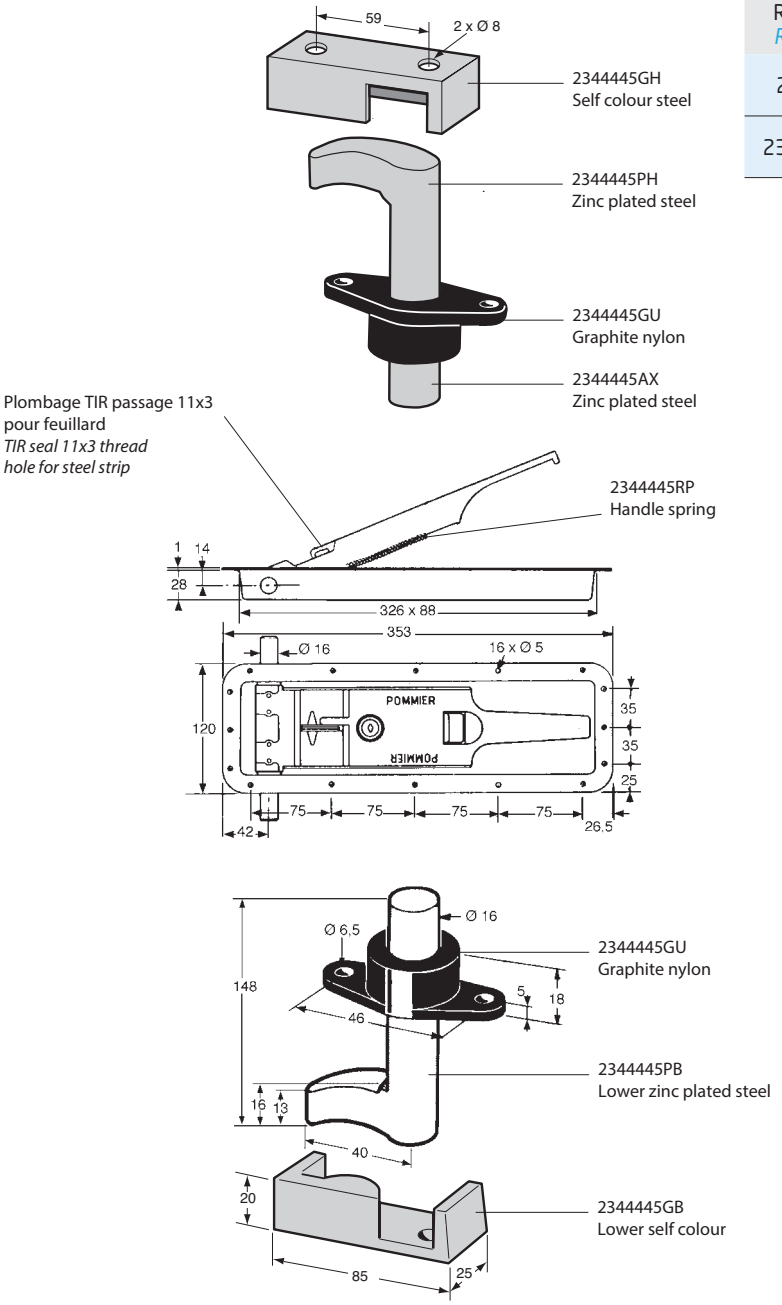
Poignée de crémone zamak peinture aluminium.
Zinc alloy handle aluminium painting.

Référence *Reference*	Kg	Finition *Finish*
2344445PO	0,930	Zamak *Zamak*

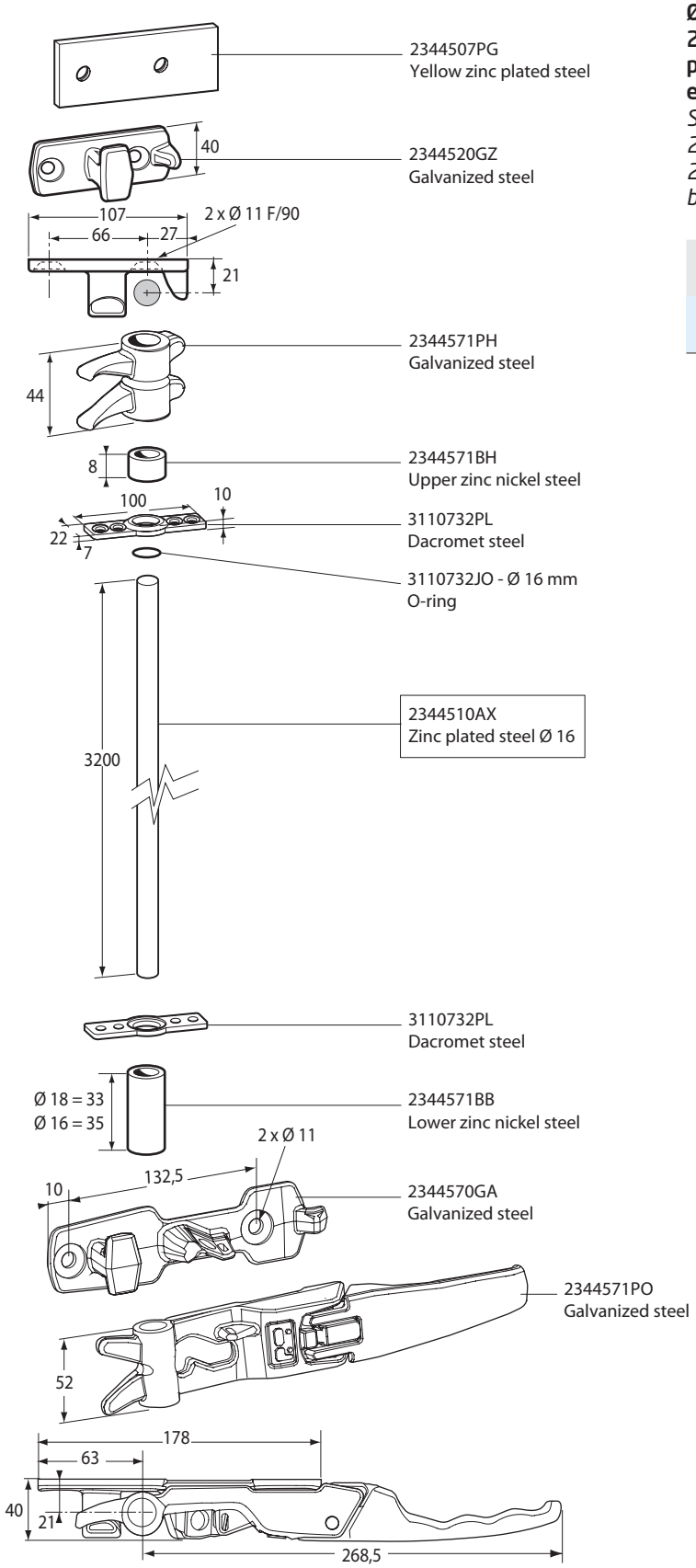
Kit de crémone à encastrer Ø16 / *Recessed locking gear kit Ø16*

Kit de crémone à encastrer peinte en gris aluminium, pour tube Ø 16. Equipé de 1 gâche haute, 1 pène haut, 1 gâche basse, 1 pène bas, 2 guides en nylon, 2 axes Ø 16, 4 goupilles, 1 cuvette, 1 poignée, 1 ressort de poignée. Non décondamnable de l'intérieur.
Recessed door lock, grey aluminium finish, for tube Ø 16. Fitted with 1 upper keeper, 1 upper cam, 1 lower keeper, 1 lower cam, 2 nylon brackets, 2 axes Ø 16, 4 roll pins, 1 pan, 1 handle, 1 handle spring. Non unlocking from inside.

Référence *Reference*	Kg	C	Finition *Finish*
2344445	1,695	1	Zamak *Zamak*
2344445B0	2,300	2	Zamak *Zamak*



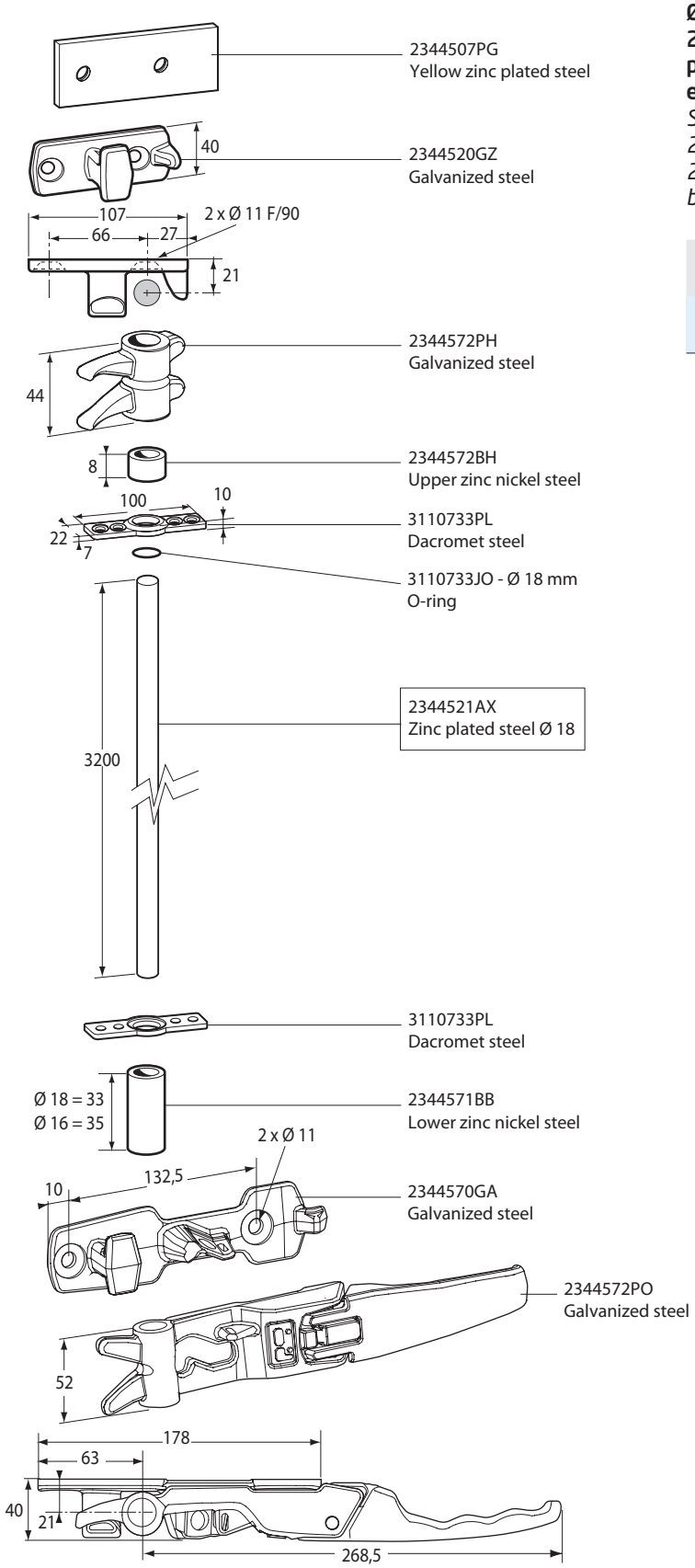
Kit de crémone pour porte sans saillie Ø16 / *Locking gear kit for flush door Ø16*



Boîte de 2 kits de crémones en acier galvanisé pour axe Ø 16. Equipée de 2 pènes-poignée à claquer galvanisée, 2 pènes hauts, 2 gâches hautes galvanisées, 2 gâches pour pènes-poignée, 2 bagues en acier H 8 mm, 2 bagues en acier H 35 mm, 4 platines en dacromet.
Set of 2 galvanised locks kits for axe Ø 16. Fitted with 2 galvanised handles, 2 upper cams, 2 upper keepers, 2 keepers for handles, 2 steel bushes H 8 mm, 2 steel bushes H 35 mm, 4 dacromet plates.

Référence *Reference*	Kg	C	Finition *Finish*
2344571B0	2,950	2	Acier galvanisé *Galvanized*

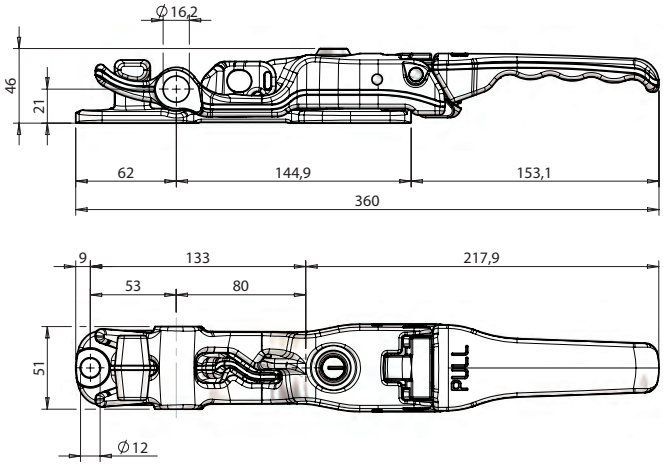
Kit de crémone pour porte sans saillie Ø18 / *Locking gear kit for flush door Ø18*



Boîte de 2 kits de crémones en acier galvanisé pour axe Ø 18. Equipée de 2 pènes-poignée à claquer galvanisée, 2 pènes hauts, 2 gâches hautes galvanisées, 2 gâches pour pènes-poignée, 2 bagues en acier H 8 mm, 2 bagues en acier H 33 mm, 4 platines en dacromet.
Set of 2 galvanised locks kits for axe Ø 18. Fitted with 2 galvanised handles, 2 upper cams, 2 upper keepers, 2 keepers for handles, 2 steel bushes H 8 mm, 2 steel bushes H 33 mm, 4 dacromet plates.

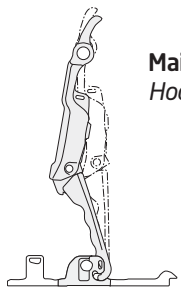
Référence *Reference*	Kg		Finition *Finish*
2344572B0	2,950	2	Acier galvanisé *Galvanized*

Kit de crémone pour porte sans saillie Ø16, Ø18 inox / *Locking gear kit for flush door stainless steel*

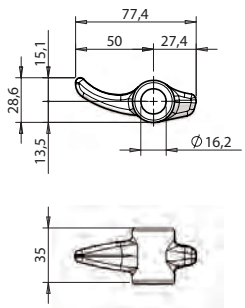


Fermeture de crémone inox.
Stainless steel door locking handle.

Référence *Reference*	Kg	Ø	Finition *Finish*
020911036	2,120	16	Acier inoxydable *Stainless steel*
020911047	2,120	18	Acier inoxydable *Stainless steel*

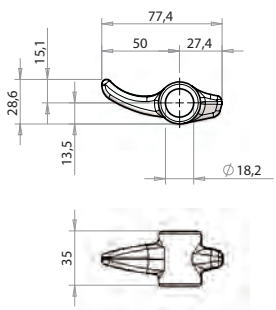


Maintien en position entrouverte.
Hook to keep the door open.



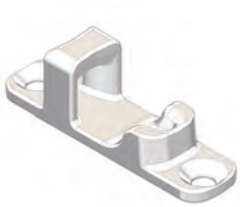
Pène haut inox, Ø 16.
Upper stainless steel cam, Ø 16.

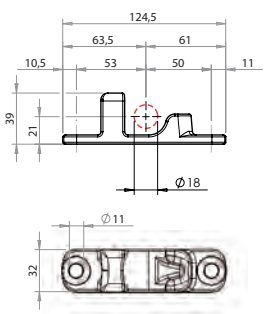
Référence *Reference*	Kg	Finition *Finish*
021611040	0,140	Acier inoxydable *Stainless steel*



Pène haut inox, Ø 18.
Upper stainless steel cam, Ø 18.

Référence *Reference*	Kg	Finition *Finish*
021611048	0,140	Acier inoxydable *Stainless steel*

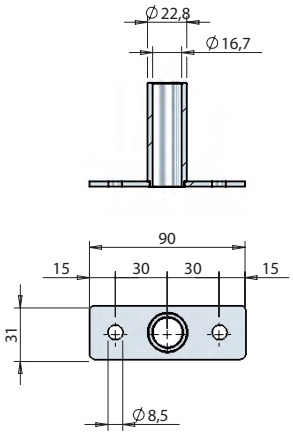




Gâche haute inox.
Upper stainless steel keeper.

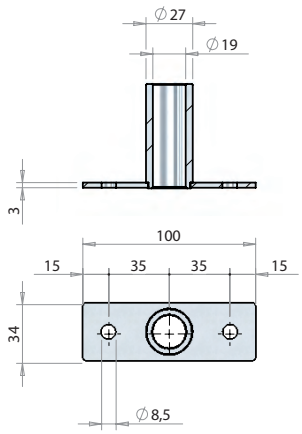
Référence *Reference*	Pour *For*	Finition *Finish*
021611039	021611040 021611048	Acier inoxydable *Stainless steel*

Accessoires pour porte sans saillie inox / *Accessories for flush door stainless steel*



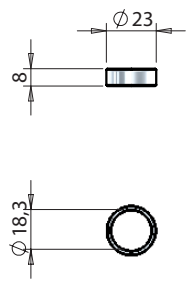
Guide de tube Ø 16 x 60 mm pour crémone de porte sans saillie.
Antirack bush Ø 16 x 60 mm for flush-door lock.

Référence *Reference*	Kg	Finition *Finish*
021611063	0,14	Acier inoxydable *Stainless steel*



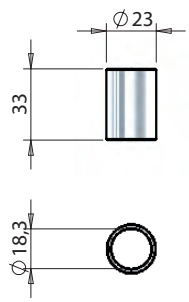
Guide de tube Ø 18 x 60 mm pour crémone de porte sans saillie.
Antirack bush Ø 18 x 60 mm for flush-door lock.

Référence *Reference*	Kg	Finition *Finish*
021611054	0,199	Acier inoxydable *Stainless steel*



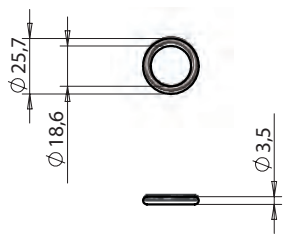
Bague supérieure Ø 18 x 8 mm.
Upper bush Ø 18 x 8 mm.

Référence *Reference*	Kg	Finition *Finish*
2344572BH	0,01	Acier inoxydable *Stainless steel*



Bague inférieure Ø 18 x 33 mm.
Lower bush Ø 18 x 33 mm.

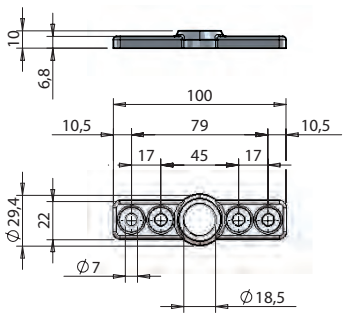
Référence *Reference*	Kg	Finition *Finish*
2344572BB	0,04	Acier inoxydable *Stainless steel*



Joint torique Ø 3,53. Référence 4075.
O-ring Ø 3,53. Reference 4075.

Référence *Reference*	Kg	Finition *Finish*
3110733J0	0,001	Plastique *Plastic*

Accessoires pour porte sans saillie inox / *Accessories for flush door stainless steel*



Platine support tube Ø 18.
Guide plate for bush Ø 18.

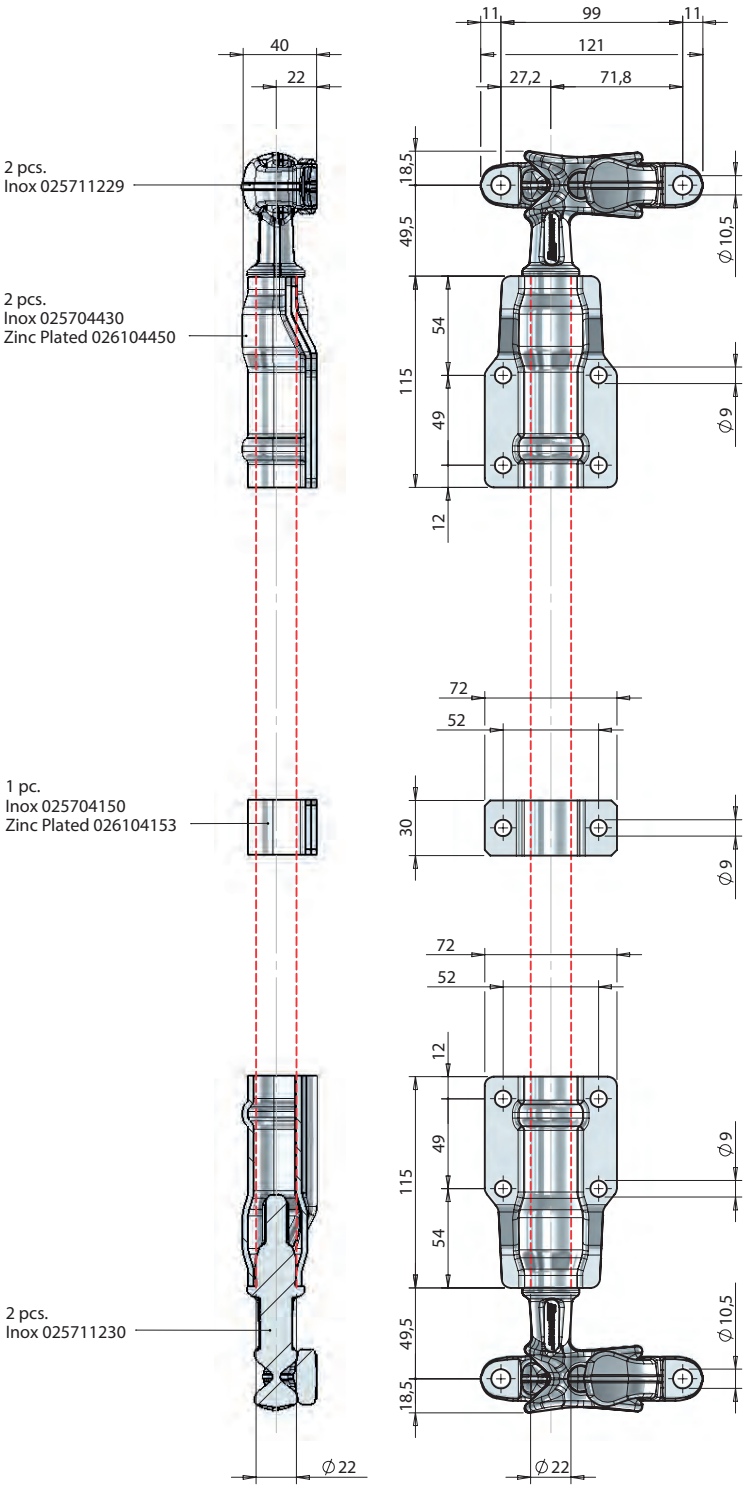
Référence *Reference*	Kg	Finition *Finish*
3110733PL	0,088	Acier zingué *Zinc plated*

Kit de crémone en applique Ø22 inox / *External locking gear kit Ø22 stainless steel*

FURGOCAR ST4 22

Kit crémone en applique Ø 22.
External locking gear kit Ø 22.

Référence *Reference*	Kg	Finition *Finish*
023111276	2,34	Acier inoxydable *Stainless steel*

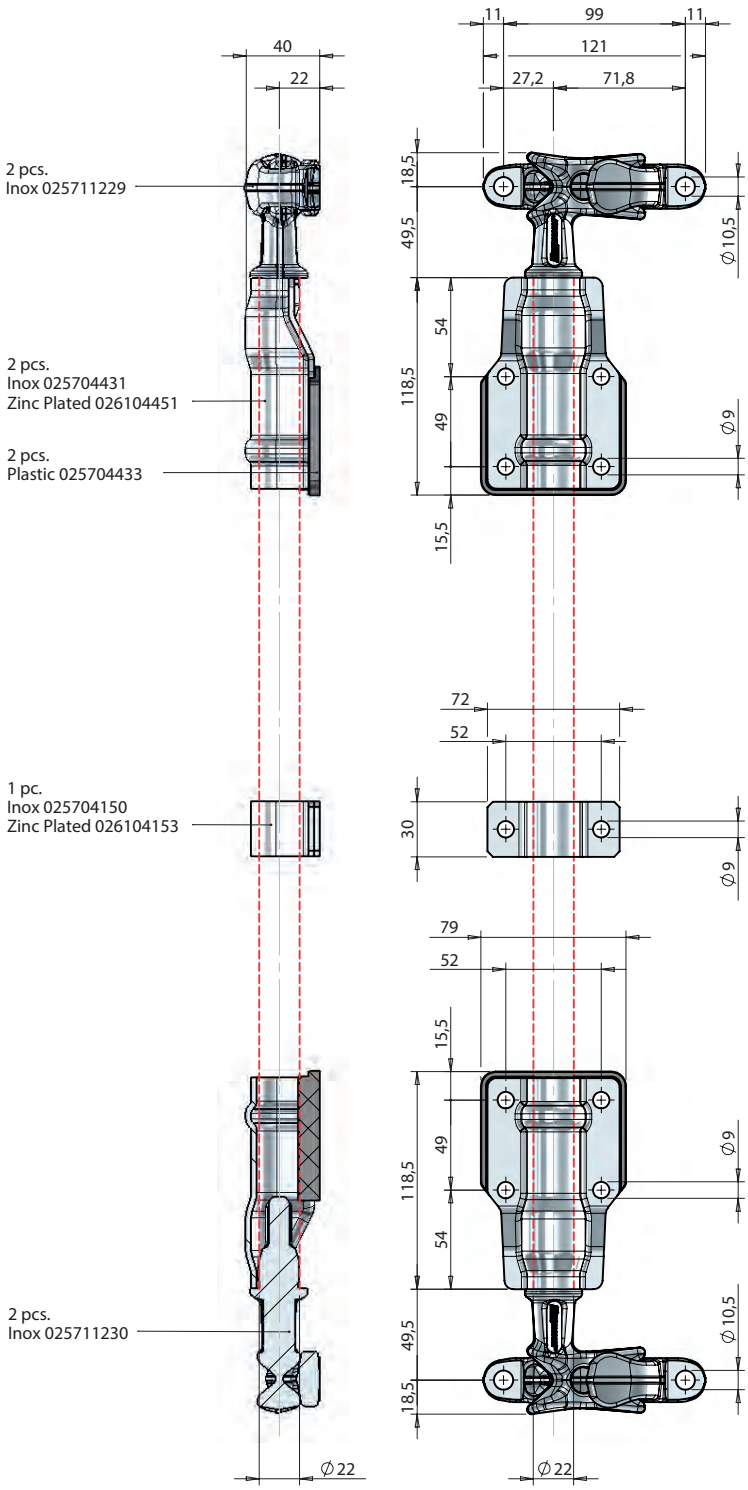


Kit de crémone en applique Ø22 inox / *External locking gear kit Ø22 stainless steel*

FURGOCAR ST4 22

Kit crémone en applique Ø 22 avec platine inférieure de grand guide en plastique.
External locking gear kit Ø 22 with plastic back plate for cranked guide.

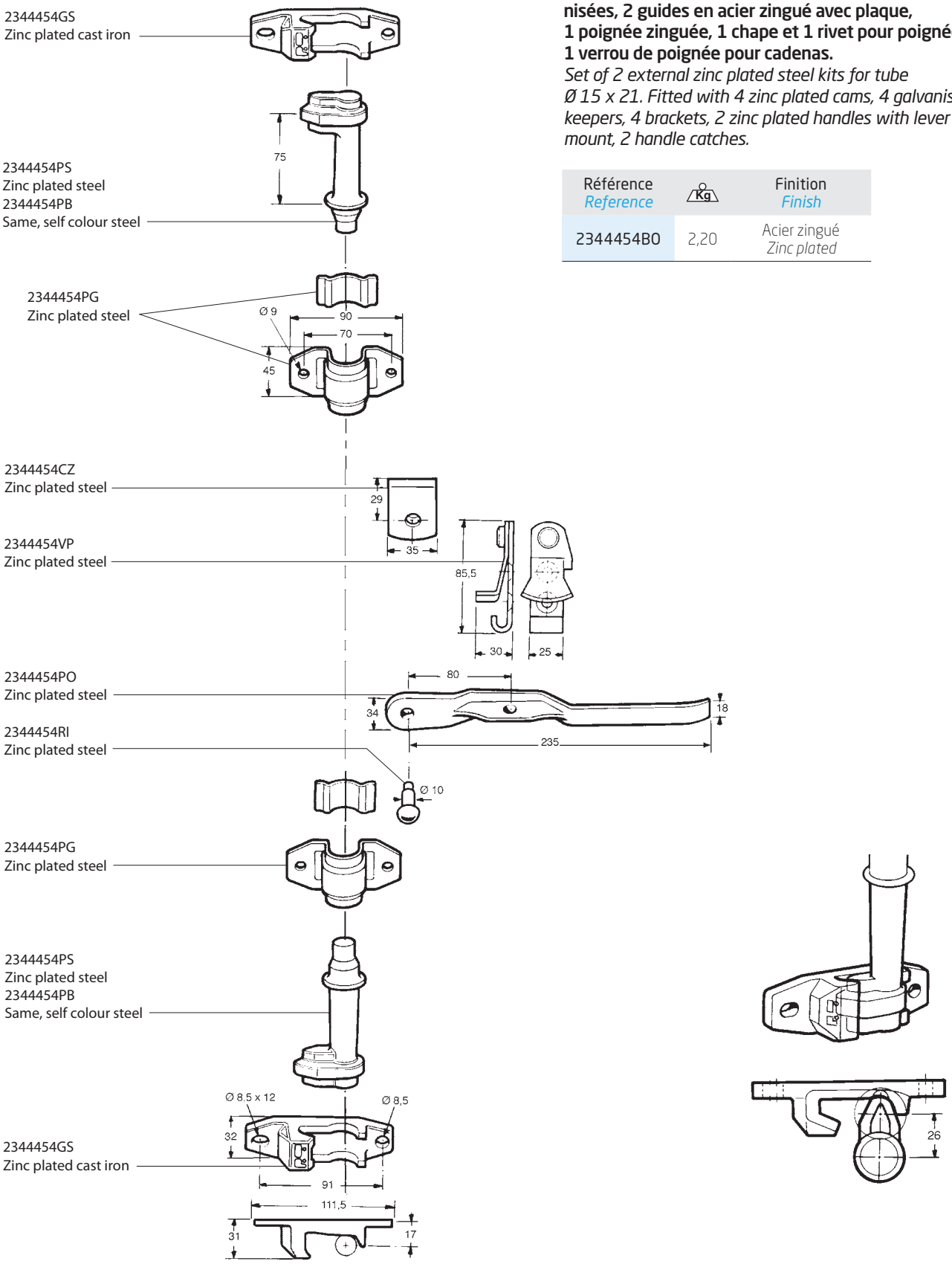
Référence *Reference*	Kg	Finition *Finish*
023111277	2,005	Acier inoxydable *Stainless steel*



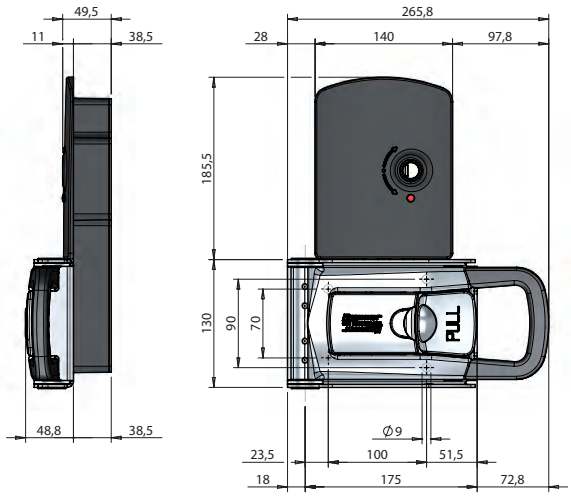
Kit de crémone en applique Ø22 / *External locking gear kit Ø22*

Kit de crémone en applique en acier zingué pour tube Ø 15 x 21. Equipé de 2 pènes zingué, 2 gâches galvanisées, 2 guides en acier zingué avec plaque, 1 poignée zinguée, 1 chape et 1 rivet pour poignée, 1 verrou de poignée pour cadenas.
Set of 2 external zinc plated steel kits for tube Ø 15 x 21. Fitted with 4 zinc plated cams, 4 galvanised keepers, 4 brackets, 2 zinc plated handles with lever mount, 2 handle catches.

Référence *Reference*	Kg	Finition *Finish*
2344454B0	2,20	Acier zingué *Zinc plated*



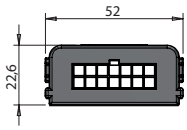
Poignées pour crémone en applique Ø22 inox / *Handles for external locking gear Ø22 stainless steel*

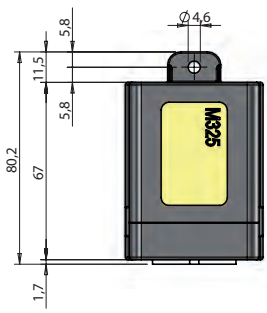


HI-PULL 22

Poignée Ø 22 pour crémone en applique avec boîtier de commande à distance.
External lock Ø 22 with box for remote control device.

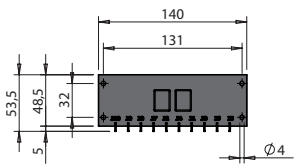
Référence *Reference*	Kg	Finition *Finish*
025711172	4,9	Acier inoxydable *Stainless steel*





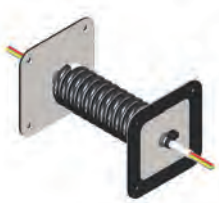
Récepteur avec faisceau électrique livré avec 2 télécommandes.
Receiver with electric beam delivered with 2 remote control.

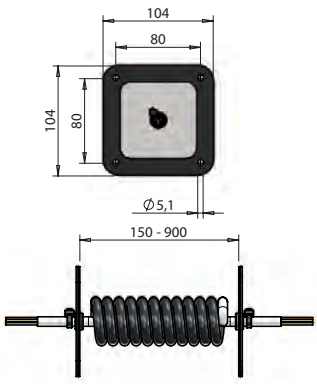
Référence *Reference*	Kg	Pour *For*
025711173	0,40	020911647 025711172 025711171 2243482FD 2243482FG 2243483FD 2243483FG



Carte relais puissance 12V-30A.
12V-30A power relay board.

Référence *Reference*	Kg	Finition *Finish*
025711188	0,106	Plastique *Plastic*

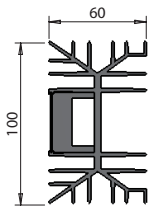


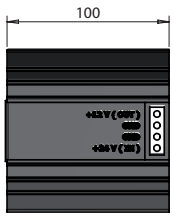


Câble de jonction 5 x 1 mm², cosses 6.35 mm, extensible de 150 à 900 mm. Platines inox avec joints d'étanchéité.
Junction cable 5 x 1 mm², 6.35 mm connectors. Extendable from 150 to 900 mm. Stainless steel plates with gaskets.

Référence *Reference*	Kg	Longueur *Length*
025711174	0,454	150-900

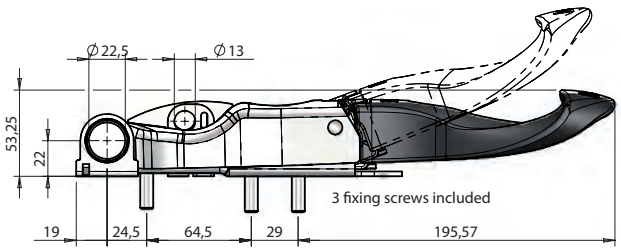
Poignées pour crémone en applique Ø22 inox / *Handles for external locking gear Ø22 stainless steel*

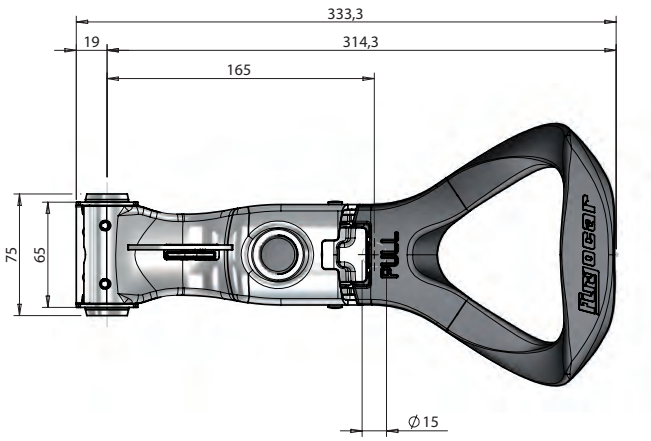




Abaisseur tension de 24V à 12V.
Inverter from 24V to 12V.

Référence *Reference*	Kg	Finition *Finish*
025711175	0,43	Aluminium *Aluminium*





FURGOCAR TWIM 22

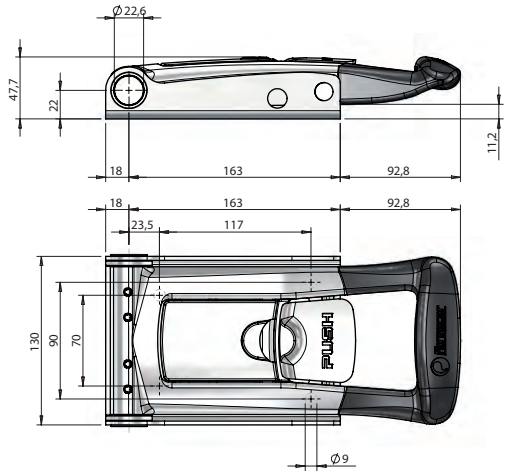
Poignée en applique Ø 22 avec platine TIR, sans barillet.
External lock Ø 22 with TIR and without locking barrel.

Référence *Reference*	Kg	Finition *Finish*
025711661	1,402	Acier inoxydable *Stainless steel*

Barillet complet pour fermeture en applique TWIM.
Barrel lock complete with tab for external lock TWIM.

Référence *Reference*	Kg	Finition *Finish*
025711236	0,086	Laiton *Brass*

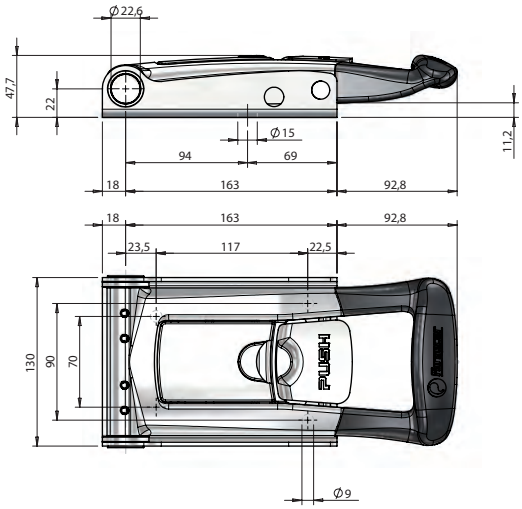
Poignées pour crémone en applique Ø22 inox / *Handles for external locking gear Ø22 stainless steel*



FURGOCAR TORSEO 22

Poignée Ø 22 SH-X PUSH en applique.
Ø 22 SH-X PUSH external handle.

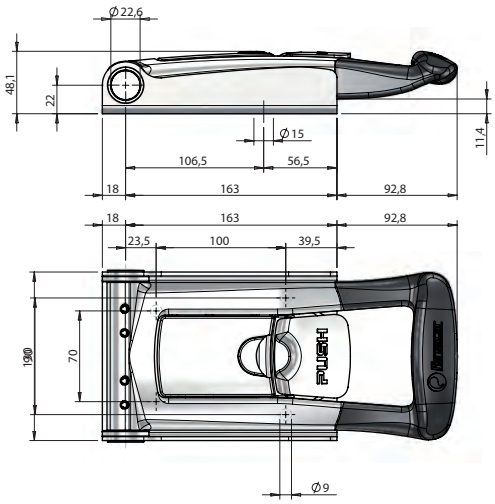
Référence *Reference*	Kg
025711663	2,23



FURGOCAR TORSEO 22

Poignée Ø 22 SH-X PUSH en applique. Décondamnation intérieure simple.
Ø 22 SH-X PUSH external handle internal release.

Référence *Reference*	Kg
025711690	2,23

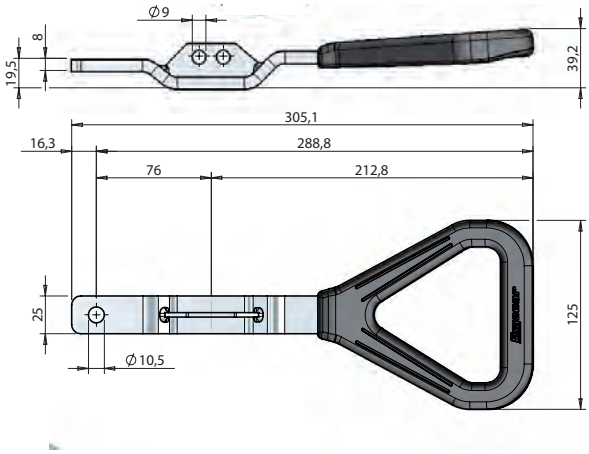


FURGOCAR TORSEO 22

Poignée Ø 22 SH-X PUSH en applique. Décondamnation intérieure fermée à clé.
Ø 22 SH-X PUSH external handle internal release (key locked).

Référence *Reference*	Kg
025711672	2,30

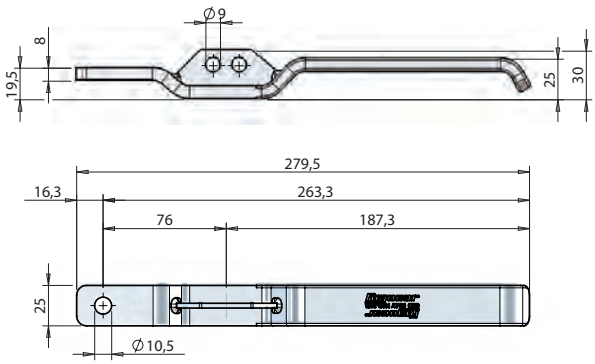
Poignées pour crémone en applique Ø22 inox / *Handles for external locking gear Ø22 stainless steel*



FURGOCAR ERGO

Poignée D/G 25 x 8 mm, prise de main plastifiée.
RH/LH plastic coated lever 25 x 8 mm.

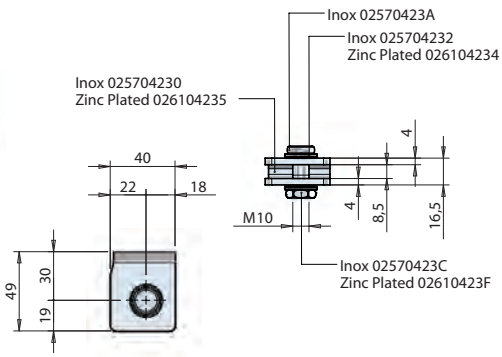
Référence *Reference*	Kg	Finition *Finish*
025710552	0,53	Acier inoxydable *Stainless steel*



FURGOCAR LEVER

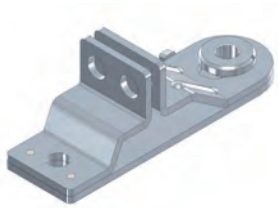
Poignée D/G 25 x 8 mm.
RH/LH Lever 25 x 8 mm.

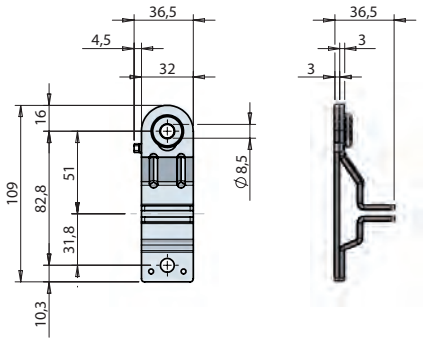
Référence *Reference*	Kg	Finition *Finish*
025704220	0,47	Acier inoxydable *Stainless steel*



Kit chape de poignée Ø 22 complet.
Lever mount kit Ø 22 complete with fixing pins, bolt, washers & nut.

Référence *Reference*	Kg	Finition *Finish*
025710927	0,212	Acier inoxydable *Stainless steel*

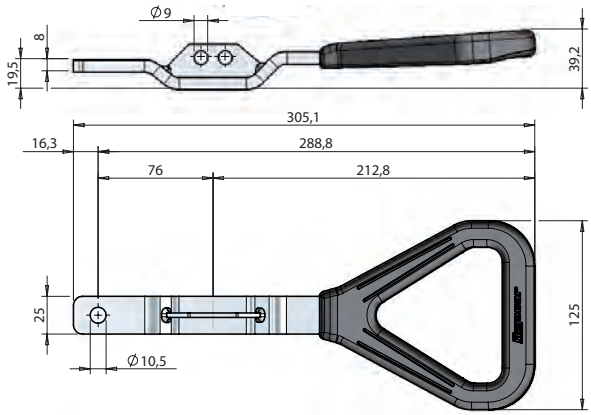




Verrou de poignée 25 x 8 mm.
Lever retainer 25 x 8 mm.

Référence *Reference*	Kg	Finition *Finish*
025704180	0,184	Acier inoxydable *Stainless steel*

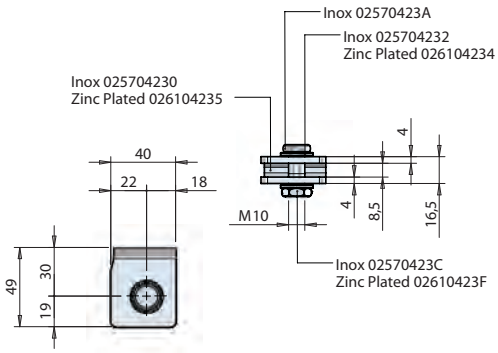
Poignées pour crémone en applique Ø22 / *Handles for external locking gear Ø22*



FURGOCAR ERGO

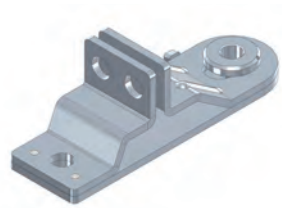
Poignée D/G 25 x 8 mm, prise de main plastifiée.
RH/LH plastic coated lever 25 x 8 mm.

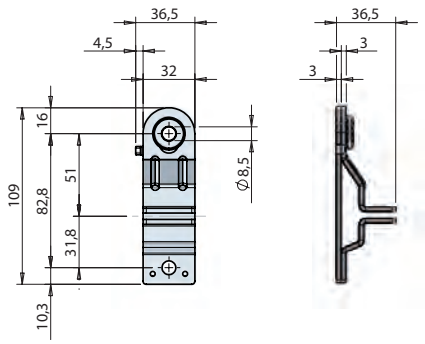
Référence *Reference*	Kg	Finition *Finish*
026110553	0,52	Acier zingué *Zinc plated*



Kit chape de poignée Ø 22 complet.
Lever mount kit Ø 22 complete with fixing pins, bolt, washers & nut.

Référence *Reference*	Kg	Finition *Finish*
026110929	0,22	Acier zingué *Zinc plated*





Verrou de poignée 25 x 8 mm.
Lever retainer 25 x 8 mm.

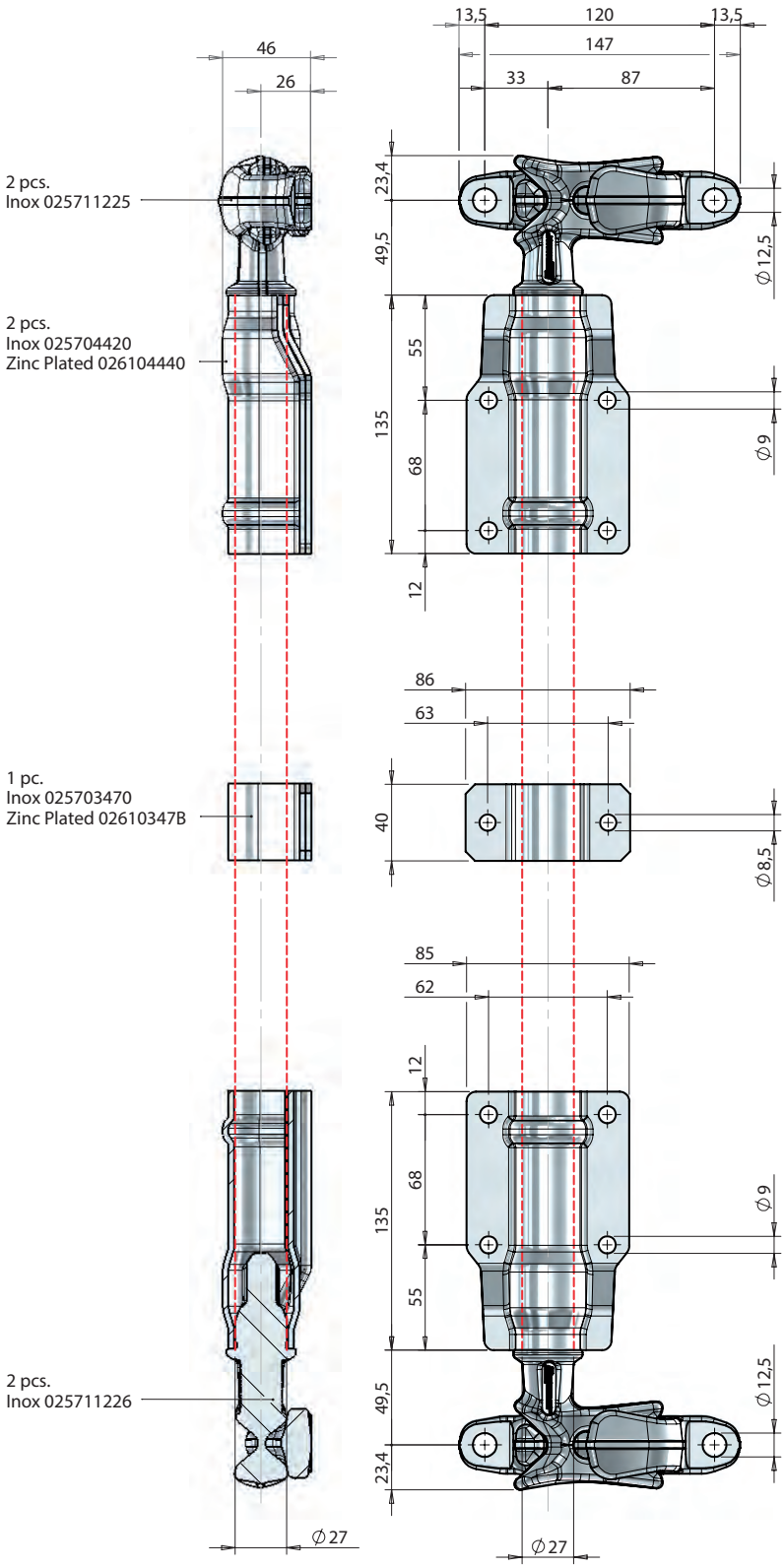
Référence *Reference*	Kg	Finition *Finish*
026104184	0,19	Acier zingué *Zinc plated*

Kit de crémone en applique Ø27 inox / *External locking gear kit Ø27 stainless steel*

FURGOCAR PS4 27

Kit crémone en applique Ø 27.
External locking gear kit Ø 27.

Référence *Reference*	Kg	Finition *Finish*
022911273	3,7	Acier inoxydable *Stainless steel*

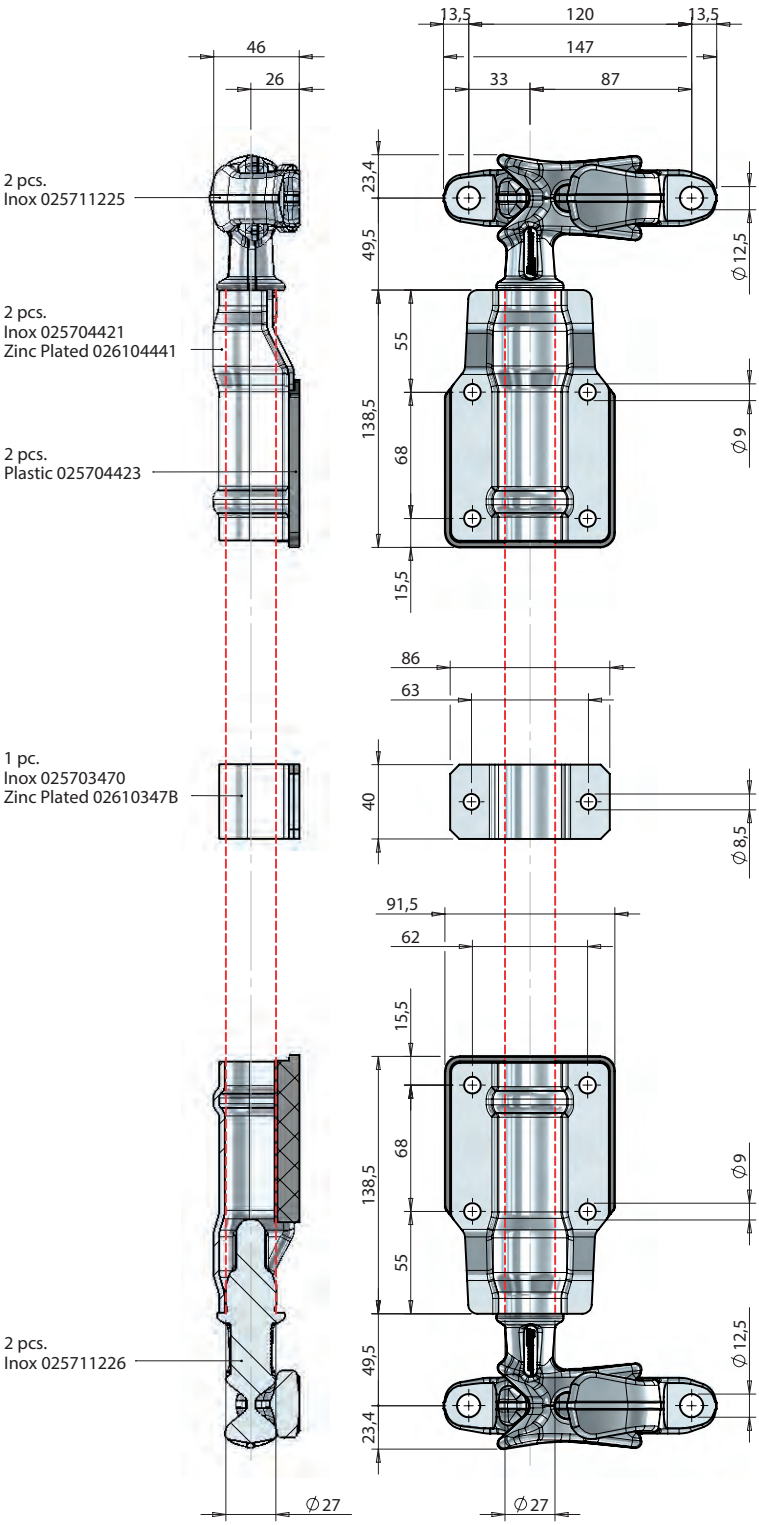


Kit de crémone en applique Ø27 inox / *External locking gear kit Ø27 stainless steel*

FURGOCAR PS4 27

Kit crémone en applique Ø 27 avec platine inférieure de grand guide en plastique.
External locking gear kit Ø 27 with plastic back plate for cranked guide.

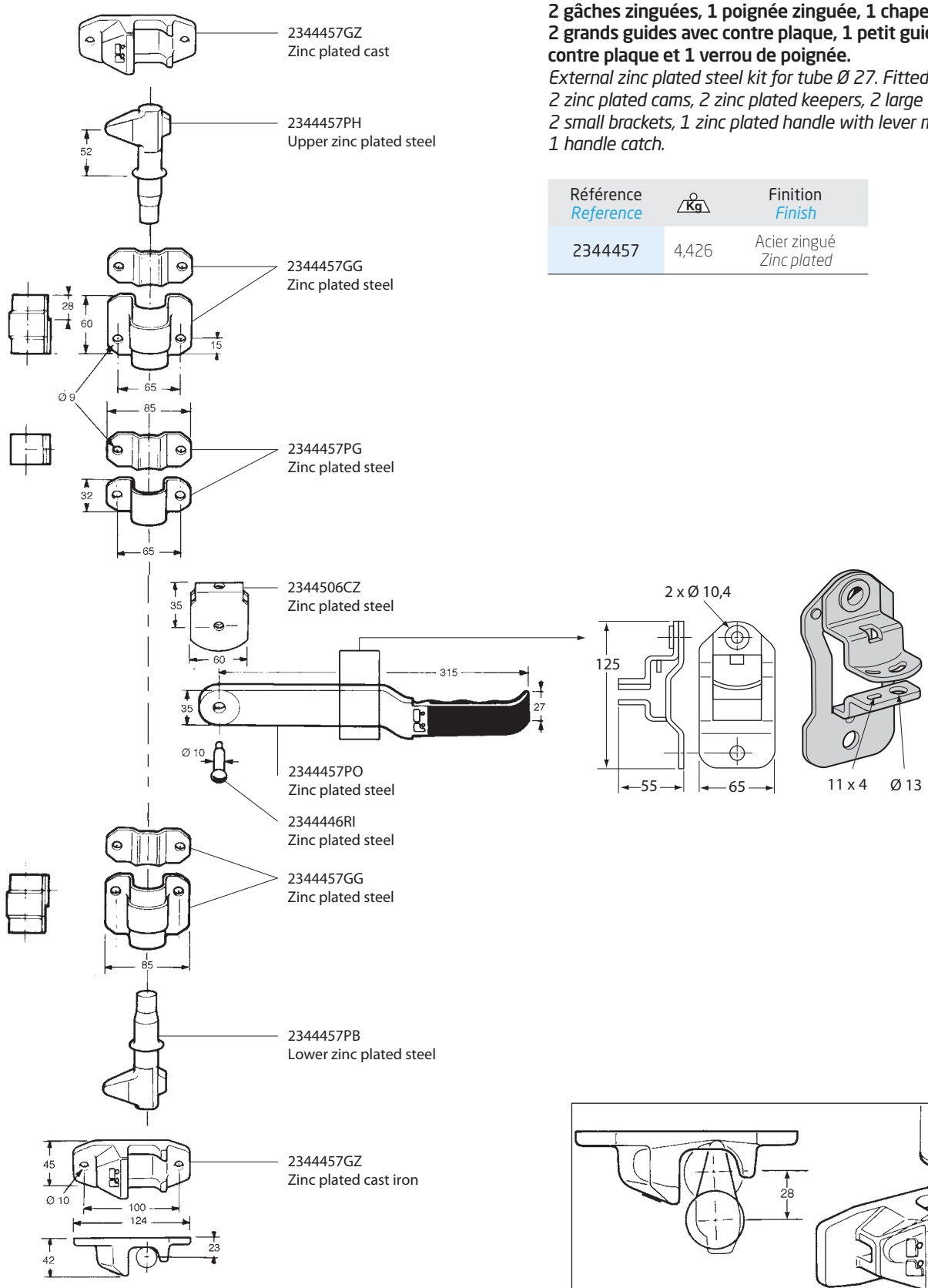
Référence *Reference*	Kg	Finition *Finish*
022111274	3,215	Acier inoxydable *Stainless steel*

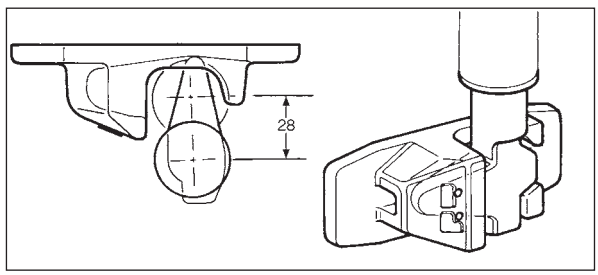


Kit de crémone en applique Ø27 / *External locking gear kit Ø27*

Kit de crémone en applique en acier zingué pour tube Ø 27. Equipé de 1 pène haut zingué, 1 pène bas zingué, 2 gâches zinguées, 1 poignée zinguée, 1 chape et 1 rivet, 2 grands guides avec contre plaque, 1 petit guide avec contre plaque et 1 verrou de poignée.
External zinc plated steel kit for tube Ø 27. Fitted with 2 zinc plated cams, 2 zinc plated keepers, 2 large brackets, 2 small brackets, 1 zinc plated handle with lever mount, 1 handle catch.

Référence *Reference*	Kg	Finition *Finish*
2344457	4,426	Acier zingué *Zinc plated*



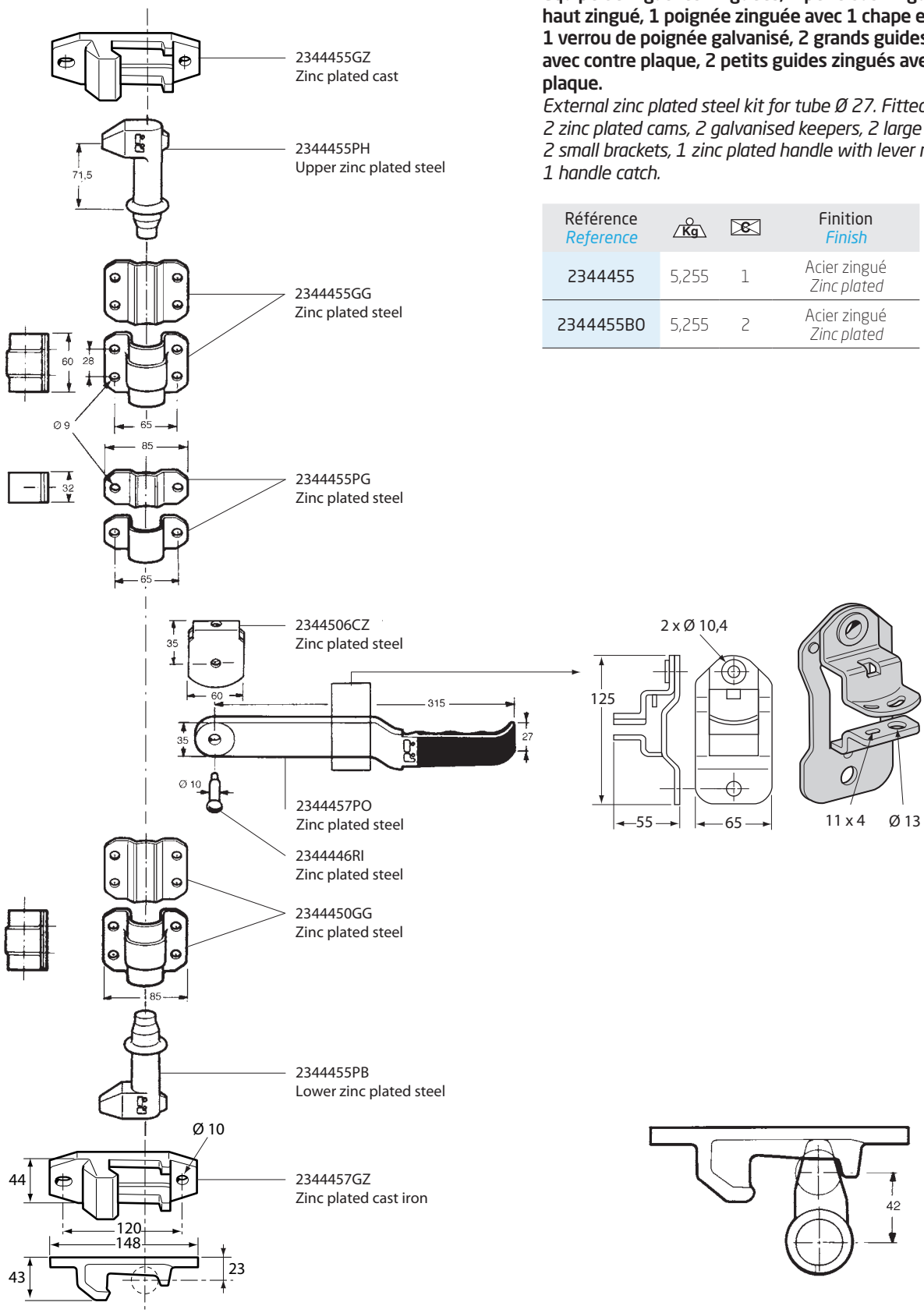


Kit de crémone en applique Ø27 / *External locking gear kit Ø27*

Kit de crémone zingué en applique pour tube Ø 27. Equipé de 2 gâches zinguées, 1 pène bas zingué, 1 pène haut zingué, 1 poignée zinguée avec 1 chape et 1 rivet, 1 verrou de poignée galvanisé, 2 grands guides zingués avec contre plaque, 2 petits guides zingués avec contre plaque.

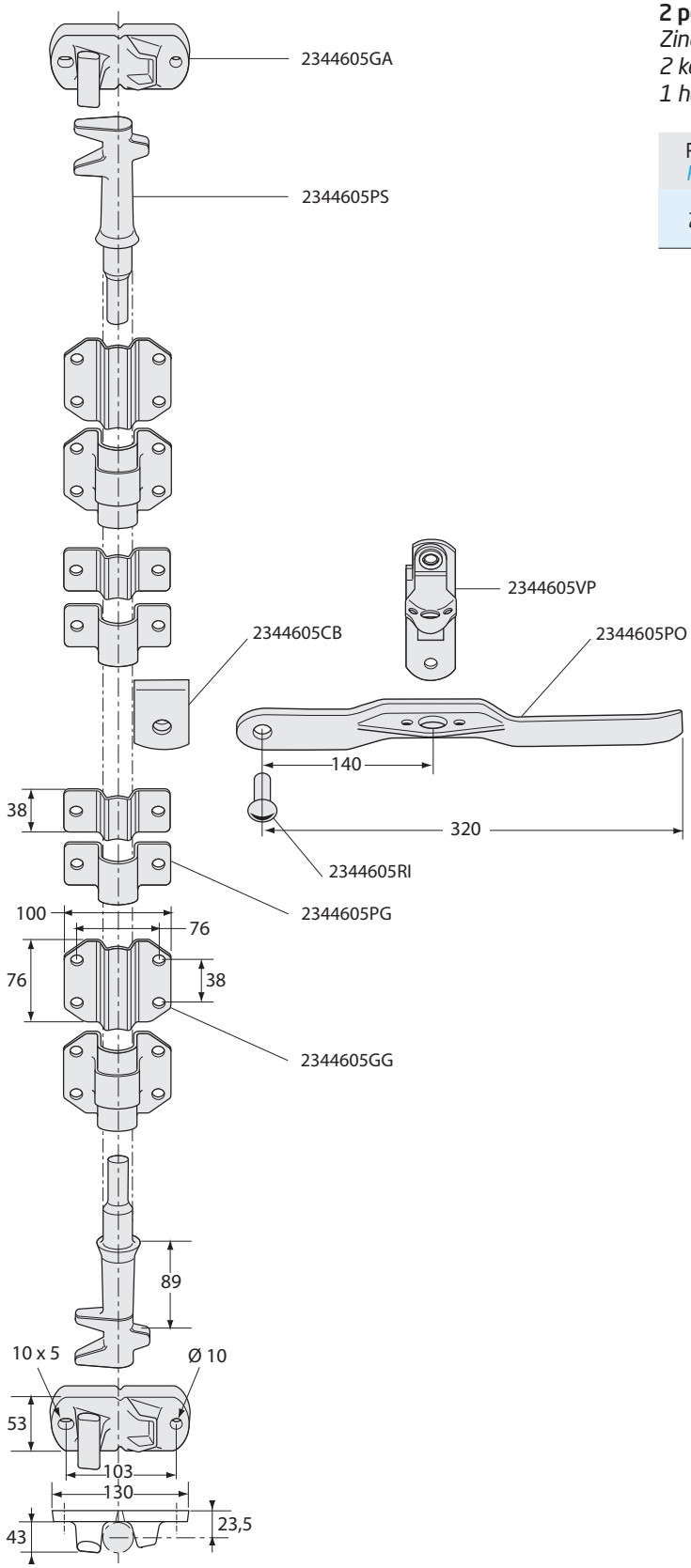
External zinc plated steel kit for tube Ø 27. Fitted with 2 zinc plated cams, 2 galvanised keepers, 2 large brackets, 2 small brackets, 1 zinc plated handle with lever mount, 1 handle catch.

Référence *Reference*	Kg	C	Finition *Finish*
2344455	5,255	1	Acier zingué *Zinc plated*
2344455B0	5,255	2	Acier zingué *Zinc plated*



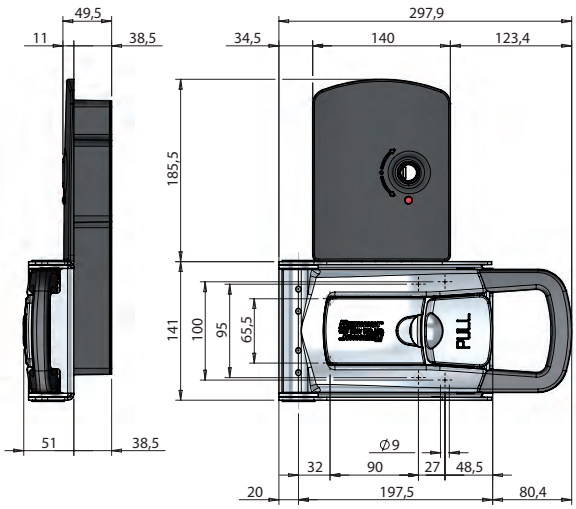
Kit de crémone en applique Ø27 / *External locking gear kit Ø27*

Kit de crémone zingué pour tube 20 x 27. Equipé de 2 gâches, 2 pènes, 2 grands guides avec conte plaque, 2 petits guides avec contre plaque, 1 poignée avec chape.
Zinc plated steel lock kit for tube 20 x 27. Fitted with 2 keepers, 2 cams, 2 large brackets, 2 small brackets, 1 handle with lever mount.



Référence *Reference*	Kg	Finition *Finish*
2344600	6,00	Acier zingué *Zinc plated*

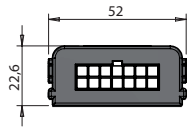
Poignées pour crémone en applique Ø27 inox / *Handles for external locking gear Ø27 stainless steel*

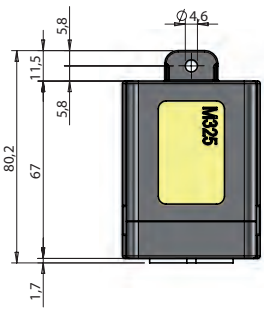


HI-PULL 27

Poignée Ø 27 pour crémone en applique avec boîtier de commande à distance.
External lock Ø 27 with box for remote control device.

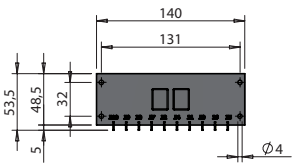
Référence *Reference*	Kg	Finition *Finish*
025711171	5,45	Acier inoxydable *Stainless steel*





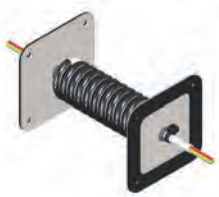
Récepteur avec faisceau électrique livré avec 2 télécommandes.
Receiver with electric beam delivered with 2 remote control.

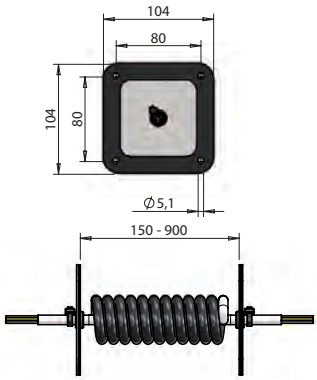
Référence *Reference*	Kg	Pour *For*
025711173	0,40	020911647 025711172 025711171 2243482FD 2243482FG 2243483FD 2243483FG



Carte relais puissance 12V-30A.
12V-30A power relay board.

Référence *Reference*	Kg	Finition *Finish*
025711188	0,106	Plastique *Plastic*

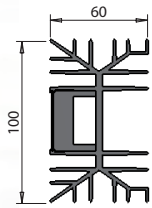


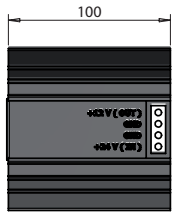


Câble de jonction 5 x 1 mm², cosses 6.35 mm, extensible de 150 à 900 mm. Platines inox avec joints d'étanchéité.
Junction cable 5 x 1 mm², 6.35 mm connectors. Extendable from 150 to 900 mm. Stainless steel plates with gaskets.

Référence *Reference*	Kg	Longueur *Length*
025711174	0,454	150-900

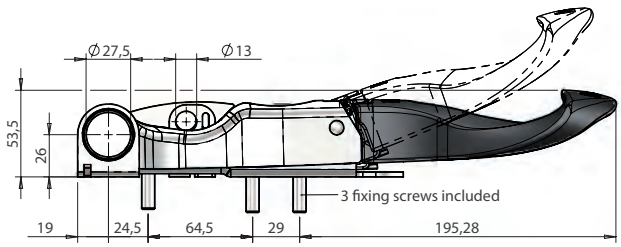
Poignées pour crémone en applique Ø27 inox / *Handles for external locking gear Ø27 stainless steel*

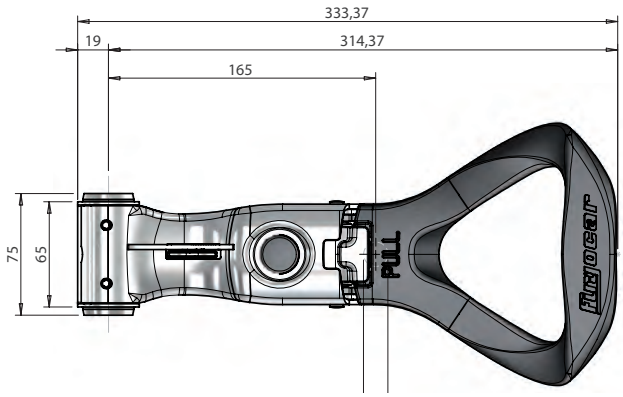




Abaisseur tension de 24V à 12V.
Inverter from 24V to 12V.

Référence *Reference*	Kg	Finition *Finish*
025711175	0,43	Aluminium *Aluminium*





FURGOCAR TWIM 27

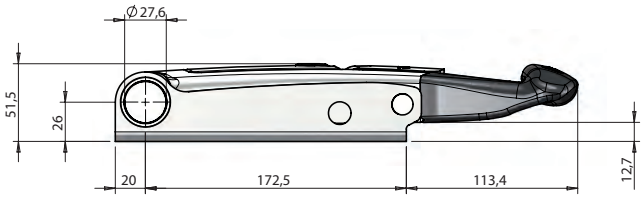
Poignée en applique Ø 27 avec platine TIR, sans barillet.
External lock Ø 27 with TIR and without locking barrel.

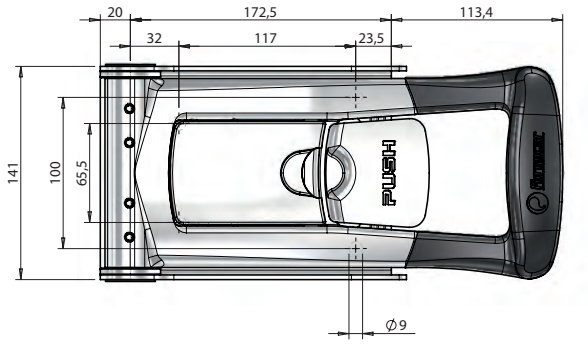
Référence *Reference*	Kg	Finition *Finish*
025711660	1,440	Acier inoxydable *Stainless steel*

Barillet complet pour fermeture en applique TWIM.
Barrel lock complete with tab for external lock TWIM.

Référence *Reference*	Kg	Finition *Finish*
025711236	0,086	Laiton *Brass*

Poignées pour crémone en applique Ø27 inox / *Handles for external locking gear Ø27 stainless steel*

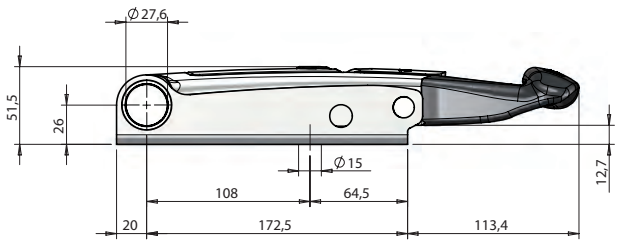


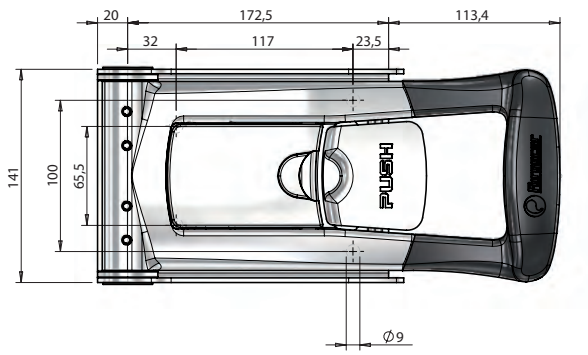


FURGOCAR TORSEO 27

Poignée Ø 27 SH-X PUSH en applique.
Ø 27 SH-X PUSH external handle.

Référence *Reference*	Kg
025711664	2,665



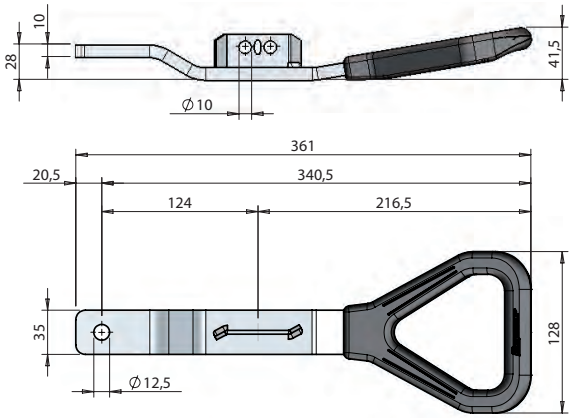


FURGOCAR TORSEO 27

Poignée Ø 27 SH-X PUSH en applique. Décondamnation intérieure simple.
Ø 27 SH-X PUSH external handle internal release.

Référence *Reference*	Kg
025711691	2,665

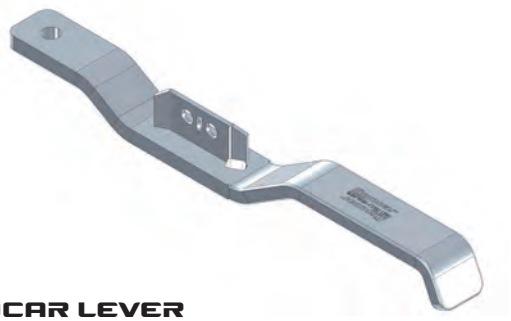
Poignées pour crémone en applique Ø27 inox / *Handles for external locking gear Ø27 stainless steel*

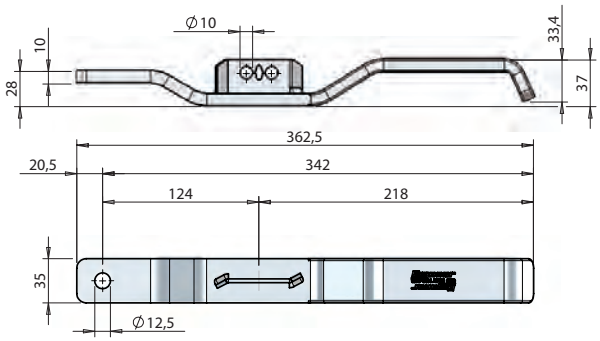


FURGOCAR ERGO

Poignée D/G, plastifiée 35 x 10 mm, pour verrou standard.
RH/LH plastic coated lever 35 x 10 mm, for standard retainer.

Référence *Reference*	Kg	Finition *Finish*
025710534	0,93	Acier inoxydable *Stainless steel*

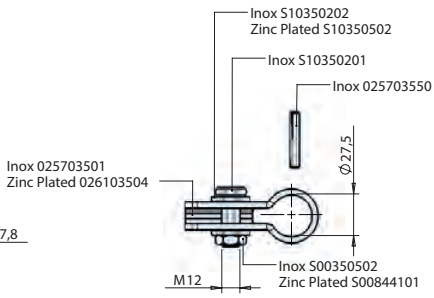


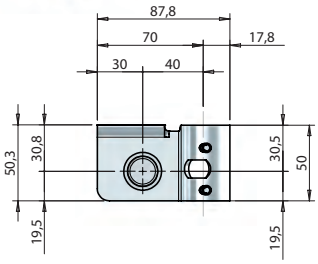


FURGOCAR LEVER

Poignée D/G 35 x 10 mm pour verrou standard.
RH/LH lever 35 x 10 mm for standard retainer.

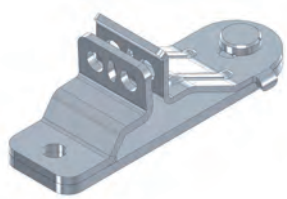
Référence *Reference*	Kg	Finition *Finish*
025703503	1,08	Acier inoxydable *Stainless steel*

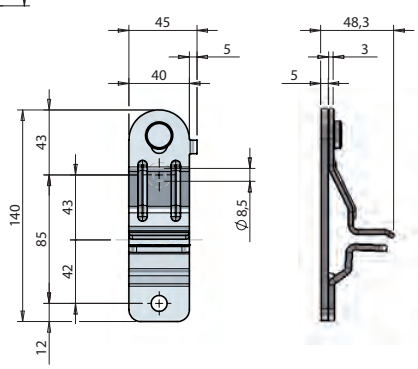




Kit chape de poignée Ø 27 complet.
Lever mount kit Ø 27 complete with fixing pins, bolt, washers & nut.

Référence *Reference*	Kg	Finition *Finish*
025710947	0,362	Acier inoxydable *Stainless steel*

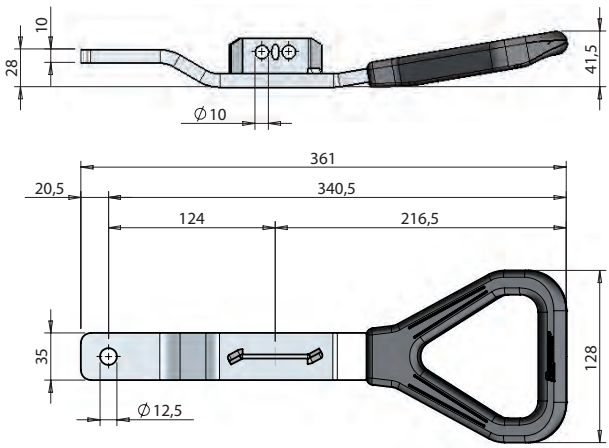




Verrou de poignée 35 x 10 mm standard.
Lever retainer for standard lever 35 x 10 mm.

Référence *Reference*	Kg	Finition *Finish*
025703540	0,38	Acier inoxydable *Stainless steel*

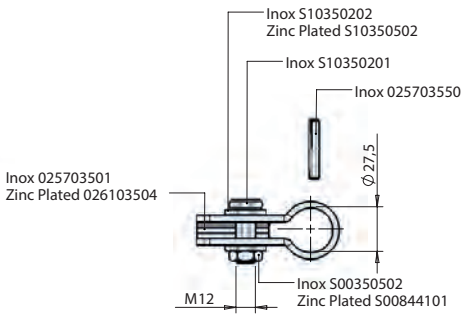
Poignées pour crémone en applique Ø27 / *Handles for external locking gear Ø27*



FURGOCAR ERGO

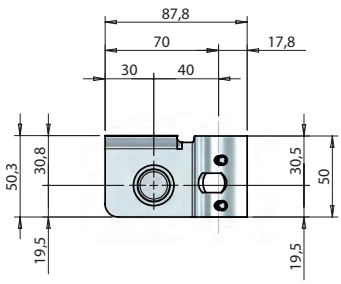
Poignée D/G, plastifiée 35 x 10 mm, pour verrou standard.
RH/LH plastic coated lever 35 x 10 mm, for standard retainer.

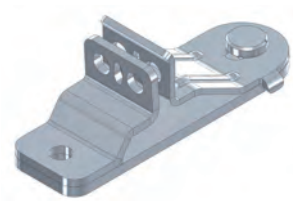
Référence *Reference*	Kg	Finition *Finish*
026110537	0,9	Acier zingué *Zinc plated*

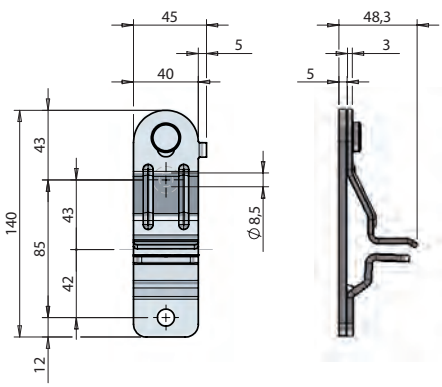


Kit chape de poignée Ø 27 complet.
Lever mount kit Ø 27 complete with fixing pins, bolt, washers & nut.

Référence *Reference*	Kg	Finition *Finish*
026110949	0,346	Acier zingué *Zinc plated*



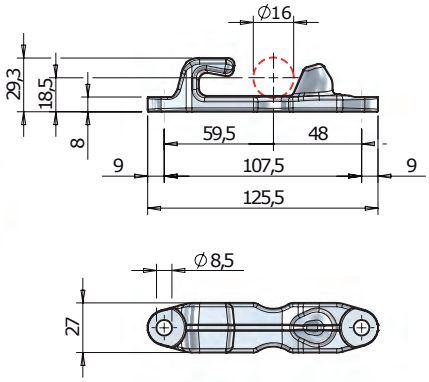




Verrou de poignée 35 x 10 mm standard.
Lever retainer for standard lever 35 x 10 mm.

Référence *Reference*	Kg	Finition *Finish*
026103541	0,38	Acier zingué *Zinc plated*

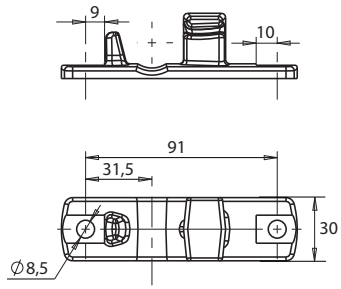
Gâche pour crémone en applique Ø16 / *Keeper for external locking gear Ø16*



Gâche D/G ST1 Ø 16.
RH/LH keeper Ø 16 ST1.

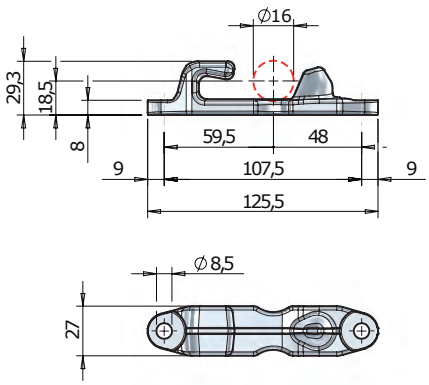
Référence *Reference*	Kg	Finition *Finish*
026104352	0,26	Acier zingué *Zinc plated*

Gâche pour crémone en applique Ø16 inox / *Keeper for external locking gear Ø16 stainless steel*



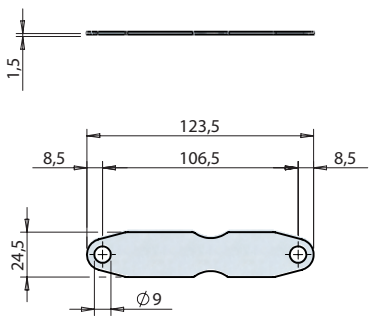
Gâche inox Ø 16.
Stainless steel keeper Ø 16.

Référence *Reference*	Kg	Finition *Finish*
2344530GA	0,220	Acier inoxydable *Stainless steel*



FURGOCAR ST1 16
Gâche D/G Ø 16.
RH/LH keeper Ø 16.

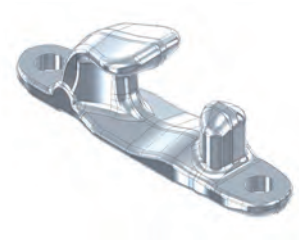
Référence *Reference*	Kg	Finition *Finish*
025704342	0,26	Acier inoxydable *Stainless steel*

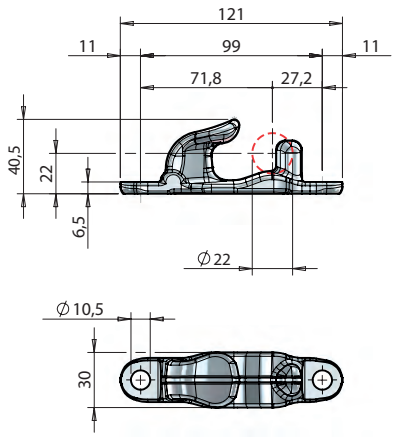


Cale pour gâche ST1 Ø 16.
Spacer for keeper Ø 16 ST1.

Référence *Reference*	Kg	Finition *Finish*
025704343	0,03	Acier inoxydable *Stainless steel*

Gâche pour crémone en applique Ø22 inox / *Cam for external locking gear Ø22 stainless steel*



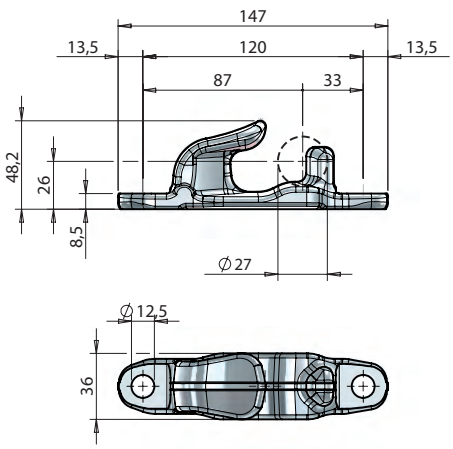


FURGOCAR ST4 22

Gâche D/G pour crémone Ø 22.
RH/LH keeper Ø 22.

Référence *Reference*	Kg	Finition *Finish*
025711229	0,312	Acier inoxydable *Stainless steel*

Gâche pour crémone en applique Ø27 inox / *Keeper for external locking gear Ø27 stainless steel*

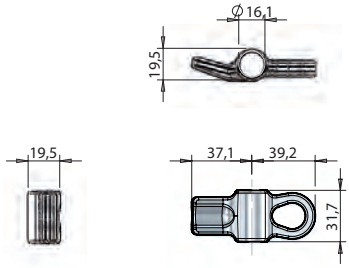


FURGOCAR PS4 27

Gâche D/G pour crémone Ø 27.
RH/LH keepers Ø 27.

Référence *Reference*	Kg	Finition *Finish*
025711225	0,542	Acier inoxydable *Stainless steel*

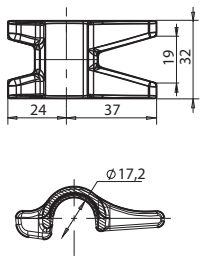
Pêne pour crémone en applique Ø16 / *Cam for external locking gear Ø16*



Pêne D/G ST1 Ø 16.
RH/LH cam Ø 16 ST1.

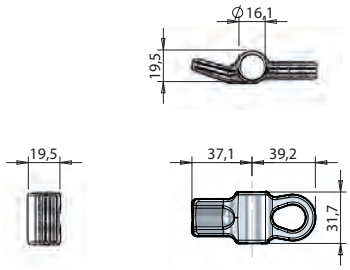
Référence *Reference*	Kg	Finition *Finish*
026104351	0,11	Acier zingué *Zinc plated*

Pêne pour crémone en applique Ø16 inox / *Cam for external locking gear Ø16 stainless steel*



Pêne Ø 16 inox.
Stainless steel cam Ø 16.

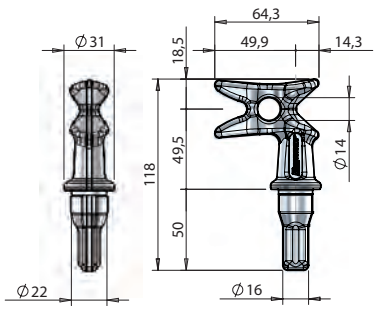
Référence *Reference*	Kg	Finition *Finish*
2344533PI	0,095	Acier inoxydable *Stainless steel*



Pêne D/G ST1 Ø 16.
RH/LH cam Ø 16 ST1.

Référence *Reference*	Kg	Finition *Finish*
025704341	0,11	Acier inoxydable *Stainless steel*

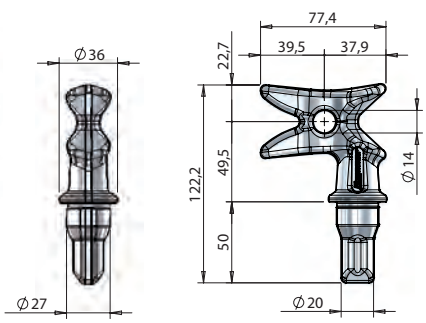
Pêne pour crémone en applique Ø22 inox / *Cam for external locking gear Ø22 stainless steel*



FURGOCAR ST4 22
Pêne D/G verrouillable, pour crémone Ø 22.
RH/LH cam Ø 22 lockable.

Référence *Reference*	Kg	Finition *Finish*
025711230	0,368	Acier inoxydable *Stainless steel*

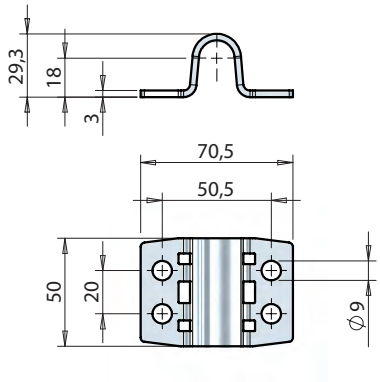
Pêne pour crémone en applique Ø27 inox / *Cam for external locking gear Ø27 stainless steel*



FURGOCAR PS4 27
Pêne D/G verrouillable, pour crémone Ø 27.
RH/LH cam Ø 27 lockable.

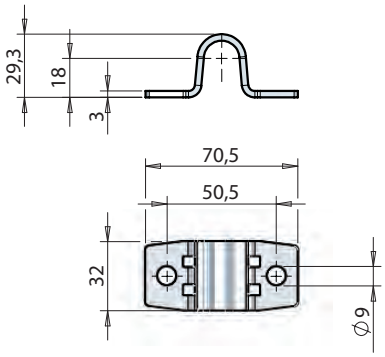
Référence *Reference*	Kg	Finition *Finish*
025711226	0,53	Acier inoxydable *Stainless steel*

Accessoires pour crémone en applique / *Accessories for external locking gear*



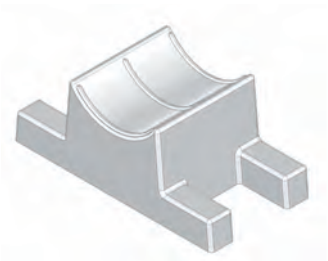
Grand guide, partie supérieure Ø 16 longueur 50 mm.
Upper support guide Ø 16, 50 mm length.

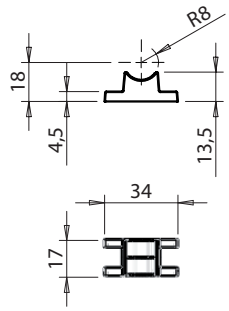
Référence *Reference*	Kg	Ø	Finition *Finish*
026104361	0,11	16	Acier zingué *Zinc plated*



Petit guide, partie supérieure Ø 16 longueur 32 mm.
Upper support guide Ø 16, 32 mm length.

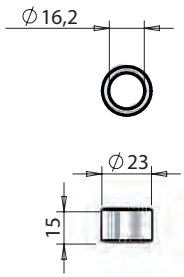
Référence *Reference*	Kg	Ø	Finition *Finish*
026104371	0,07	16	Acier zingué *Zinc plated*





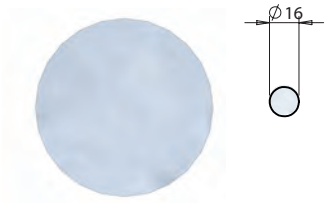
Plaque d'appui en nylon pour guides Ø 16.
Back plate for guide Ø 16.

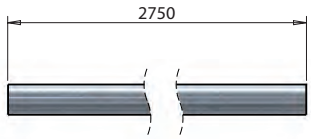
Référence *Reference*	Kg	Ø	Finition *Finish*
025704380	0,005	16	Plastique *Plastic*



Bague anti-rack Ø 16.
Anti-rack ring Ø 16.

Référence *Reference*	Kg	Ø	Finition *Finish*
026104391	0,025	16	Acier zingué *Zinc plated*

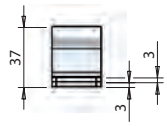


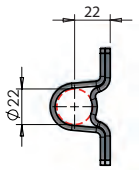


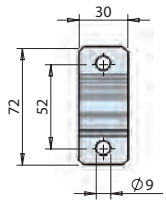
Axe Ø 16 x 2750 mm.
Rod Ø 16 x 2750 mm.

Référence *Reference*	Kg	Ø	Finition *Finish*
026104332	4,42	16	Acier zingué *Zinc plated*

Accessoires pour crémone en applique / *Accessories for external locking gear*

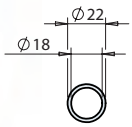


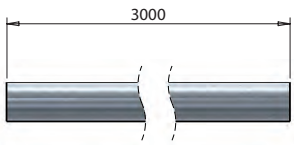




Petit guide Ø 22 longueur 30 mm.
Guide plate Ø 22, 30 mm length.

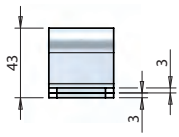
Référence *Reference*	Kg	Ø	Finition *Finish*
026104153	0,13	22	Acier zingué *Zinc plated*

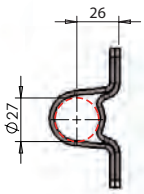


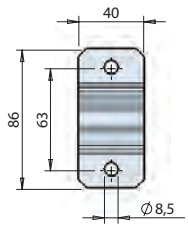


Tube Ø 22 x 2 x 3000 mm.
Tube Ø 22 x 2 x 3000 mm.

Référence *Reference*	Kg	Ø	Finition *Finish*
026110029	3	22	Acier zingué *Zinc plated*

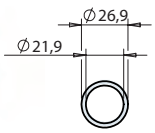


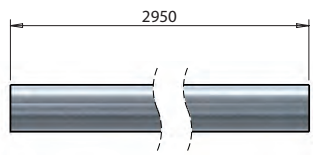




Petit guide Ø 27 longueur 40 mm.
Guide plate Ø 27, 40 mm length.

Référence *Reference*	Kg	Ø	Finition *Finish*
02610347B	0,2	27	Acier zingué *Zinc plated*

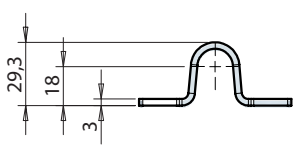


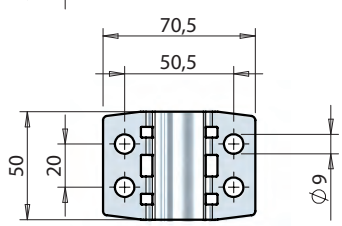


Tube Ø 26,9 x 2,5 x 3000 mm.
Tube Ø 26,9 x 2,5 x 3000 mm.

Référence *Reference*	Kg	Ø	Finition *Finish*
026110026	4,4	27	Acier zingué *Zinc plated*

Accessoires pour crémone en applique inox / *Accessories for external locking gear stainless steel*

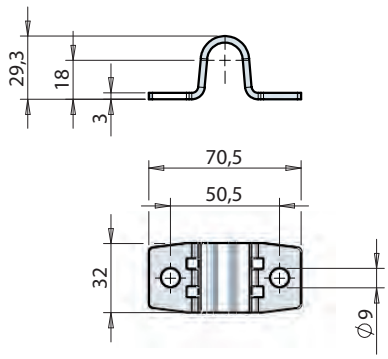




Grand guide, partie supérieure Ø 16 longueur 50 mm.
Upper support guide Ø 16, 50 mm length.

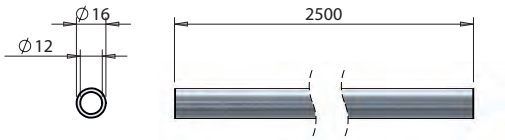
Référence *Reference*	Kg	Ø	Finition *Finish*
025704360	0,11	16	Acier inoxydable *Stainless steel*

Accessoires pour crémone en applique inox / *Accessories for external locking gear stainless steel*



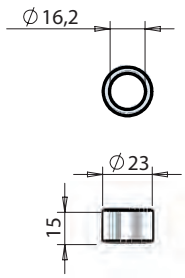
Petit guide, partie supérieure Ø 16 longueur 32 mm.
Upper support guide Ø 16, 32 mm length.

Référence *Reference*	Kg	Ø	Finition *Finish*
025704370	0,07	16	Acier inoxydable *Stainless steel*



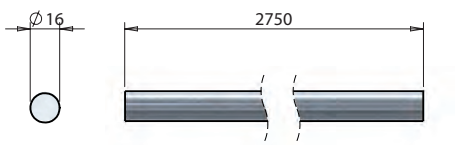
Tube Ø 16 x 2 x 2500 mm.
Tube Ø 16 x 2 x 2500 mm.

Référence *Reference*	Kg	Ø	Finition *Finish*
025704330	1,753	16	Acier inoxydable *Stainless steel*



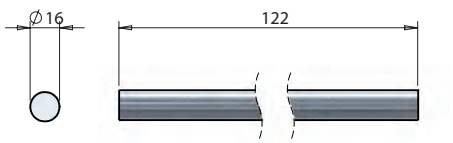
Bague anti-rack Ø 16.
Anti-rack ring Ø 16.

Référence *Reference*	Kg	Ø	Finition *Finish*
025704390	0,025	16	Acier inoxydable *Stainless steel*



Axe Ø 16 x 2750 mm.
Rod Ø 16 x 2750 mm.

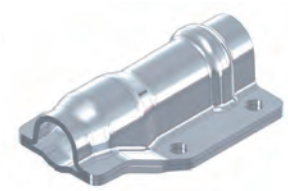
Référence *Reference*	Kg	Ø	Finition *Finish*
025704331	4,34	16	Acier inoxydable *Stainless steel*

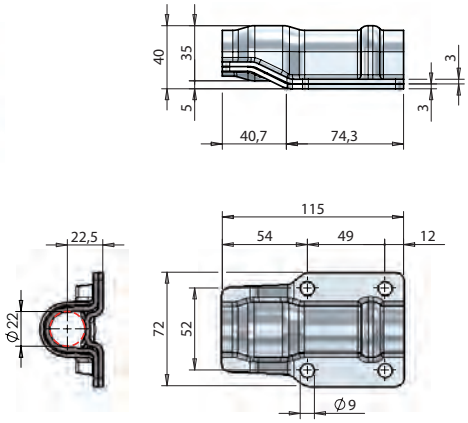


Demi axe inox Ø 16 x 122 mm.
Half stainless steel pin Ø 16 x 122 mm.

Référence *Reference*	Kg	Ø	Finition *Finish*
2344494AX	0,175	16	Acier inoxydable *Stainless steel*

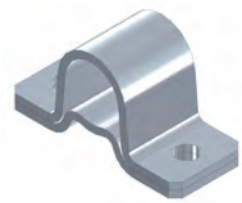
Accessoires pour crémone en applique inox / *Accessories for external locking gear stainless steel*

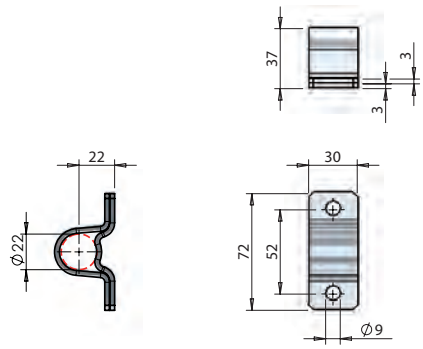




Grand guide déporté Ø 22.
Cranked support guide Ø 22.

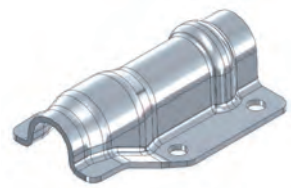
Référence *Reference*	Kg	Ø	Finition *Finish*
025704430	0,44	22	Acier inoxydable *Stainless steel*

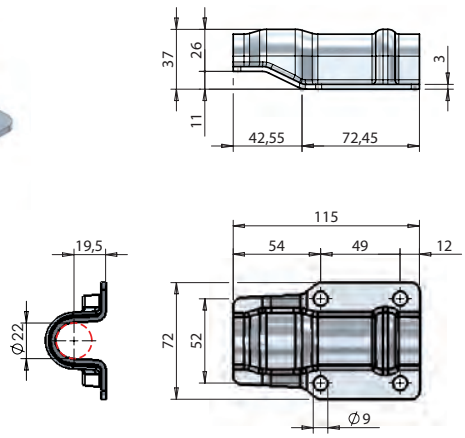




Petit guide Ø 22 longueur 30 mm.
Guide plate Ø 22, 30 mm length.

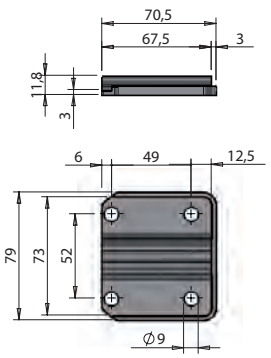
Référence *Reference*	Kg	Ø	Finition *Finish*
025704150	0,13	22	Acier inoxydable *Stainless steel*





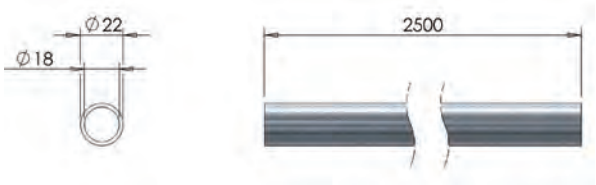
Partie supérieure du grand guide déporté Ø 22.
Upper part cranked support guide Ø 22.

Référence *Reference*	Kg	Ø	Finition *Finish*
025704431	0,440	22	Acier inoxydable *Stainless steel*



Platine inf. en plastique pour grand guide déporté Ø 22.
Back plate for cranked support guide Ø 22.

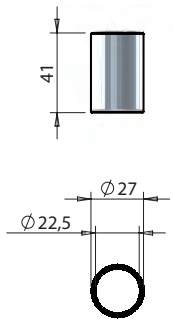
Référence *Reference*	Kg	Ø	Finition *Finish*
025704433	0,025	22	Plastique *Plastic*



Tube Ø 22 x 2 x 2500 mm.
Tube Ø 22 x 2 x 2500 mm.

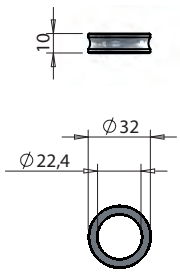
Référence *Reference*	Kg	Ø	Finition *Finish*
025704120	2,505	22	Acier inoxydable *Stainless steel*

Accessoires pour crémone en applique inox / *Accessories for external locking gear stainless steel*



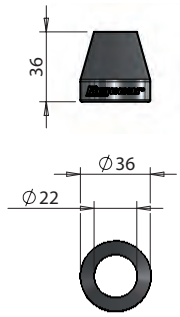
Bague Ø 22 longueur 41 mm.
Spacer sleeve Ø 22 length 41 mm.

Référence *Reference*	Kg	Ø	Finition *Finish*
025710763	0,045	22	Acier inoxydable *Stainless steel*



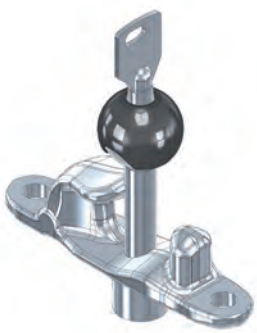
Bague anti-rack Ø 22.
Anti-rack ring Ø 22.

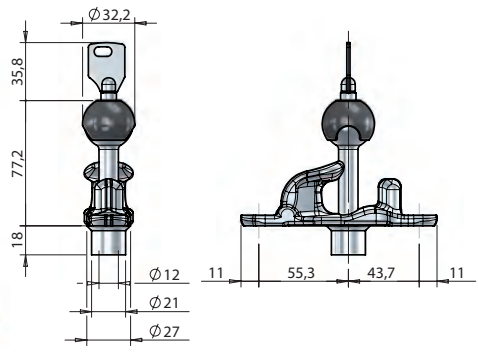
Référence *Reference*	Kg	Ø	Finition *Finish*
025704190	0,03	22	Acier inoxydable *Stainless steel*



Protection pour bague anti-rack Ø 22.
Protective cover for anti-rack ring Ø 22.

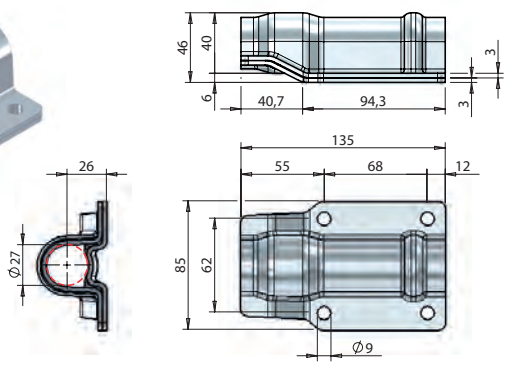
Référence *Reference*	Kg	Ø	Finition *Finish*
025704210	0,01	22	Plastique *Plastic*





Kit gâche antivol Ø 22 ST4, livré avec 3 clés cylindriques.
High security keeper kit Ø 22 ST4, with 3 special spherical keys.

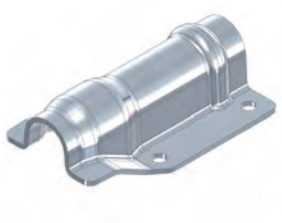
Référence *Reference*	Kg	Ø	Finition *Finish*
025711616	0,542	22	Acier inoxydable *Stainless steel*

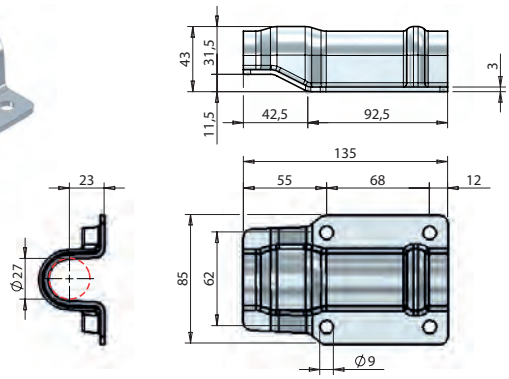


Grand guide déporté Ø 27.
Cranked support guide Ø 27.

Référence *Reference*	Kg	Ø	Finition *Finish*
025704420	0,65	27	Acier inoxydable *Stainless steel*

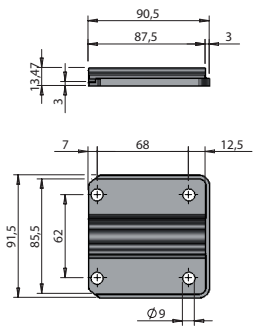
Accessoires pour crémone en applique inox / *Accessories for external locking gear stainless steel*





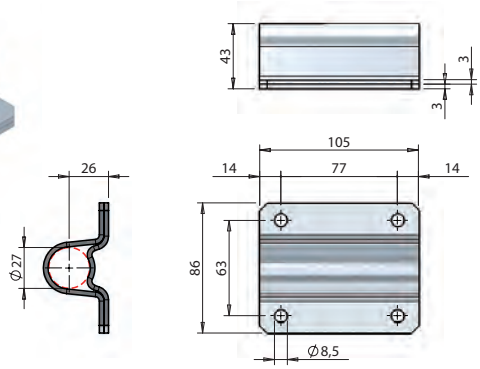
Partie supérieure du grand guide déporté Ø 27.
Cranked support guide Ø 27.

Référence *Reference*	Kg	Ø	Finition *Finish*
025704421	0,650	27	Acier inoxydable *Stainless steel*



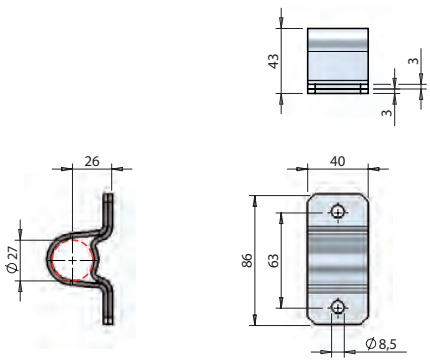
Platine inf. en plastique pour grand guide déporté Ø 27.
Back plate for cranked support guide Ø 27.

Référence *Reference*	Kg	Ø	Finition *Finish*
025704423	0,04	27	Plastique *Plastic*



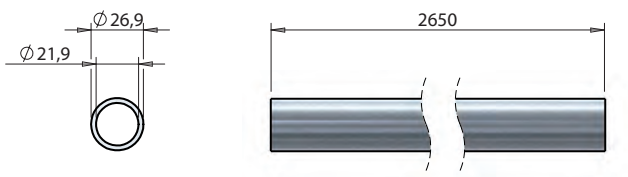
Grand guide Ø 27 longueur 105 mm.
Guide plate Ø 27, 105 mm length.

Référence *Reference*	Kg	Ø	Finition *Finish*
025703460	0,56	27	Acier inoxydable *Stainless steel*



Petit guide Ø 27 longueur 40 mm.
Guide plate Ø 27, 40 mm length.

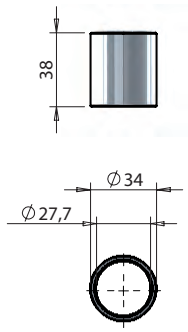
Référence *Reference*	Kg	Ø	Finition *Finish*
025703470	0,21	27	Acier inoxydable *Stainless steel*



Tube Ø 26,9 x 2,5 x 2650 mm.
Tube Ø 26,9 x 2,5 x 2650 mm.

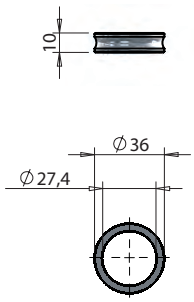
Référence *Reference*	Kg	A (mm)	Finition *Finish*
025703570	4,047	27	Acier inoxydable *Stainless steel*

Accessoires pour crémone en applique inox / *Accessories for external locking gear stainless steel*



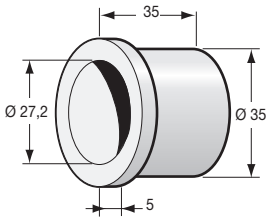
Bague Ø 27 longueur 38 mm.
Spacer sleeve Ø 27, 38 mm length.

Référence *Reference*	Kg	Ø	Finition *Finish*
025710495	0,078	27	Acier inoxydable *Stainless steel*



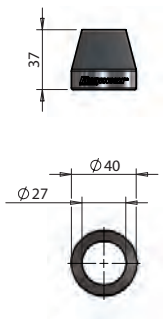
Bague anti-rack Ø 27.
Anti-rack ring Ø 27.

Référence *Reference*	Kg	Ø	Finition *Finish*
025703480	0,03	27	Acier inoxydable *Stainless steel*



Bague épaulée nylon.
Nylon shoulderd bush.

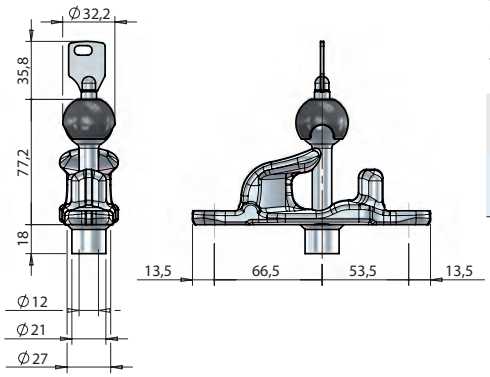
Référence *Reference*	Kg	Ø	Finition *Finish*
2344439	0,012	27	Acier inoxydable *Stainless steel*



Protection pour bague anti-rack Ø 27.
Protective cover for anti-rack ring Ø 27.

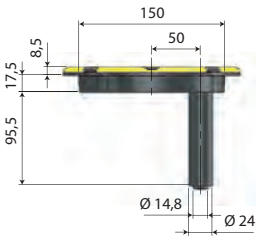
Référence *Reference*	Kg	Ø	Finition *Finish*
025703490	0,01	27	Plastique *Plastic*

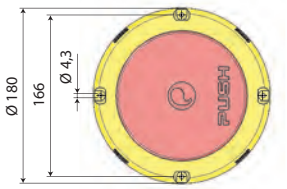
Accessoires pour crémone en applique inox / *Accessories for external locking gear stainless steel*



Kit gâche antivol Ø 27 PS4, livré avec 3 clés cylindriques.
High security keeper kit Ø 27 PS4, with 3 special spherical keys.

Référence *Reference*	Kg	Ø	Finition *Finish*
025711617	0,772	27	Acier inoxydable *Stainless steel*

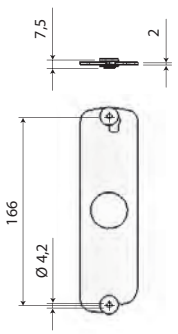




FREEF

Dispositif intuitif anti-enfermement.
Intuitive anti-lock-in device.

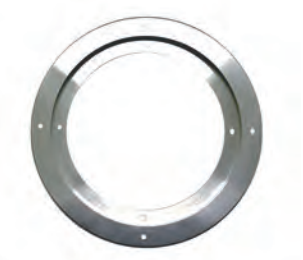
Référence *Reference*	Kg
020911794	0,470

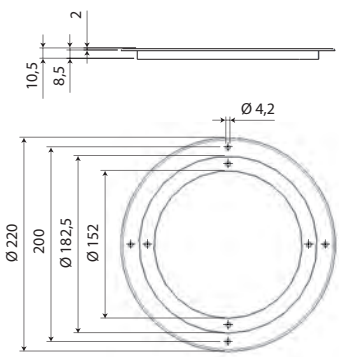


FREEF

Kit plaque de protection pour dispositif anti-enfermement.
Protection plate kit for anti-lock-in device.

Référence *Reference*	Kg
020911795	0,120



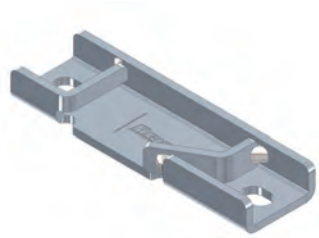


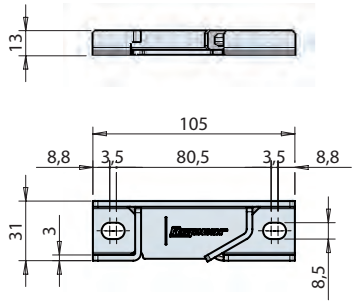
FREEF

Cuvette d'encastrement pour dispositif anti-enfermement.
Pan for recessing anti-lock-in device.

Référence *Reference*	Kg
020911799	0,060

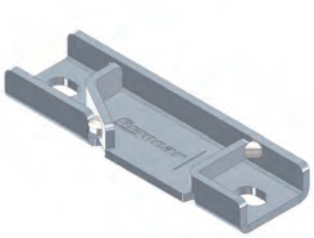
Gâche pour crémone à encastrer Ø16 inox / *Keeper for recessed locking gear Ø16 stainless steel*

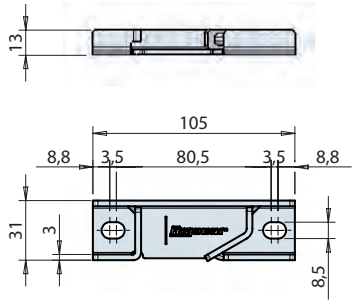




Gâche DR 13 mm à fixation horizontale.
RH keeper for horizontal operation 13 mm height.

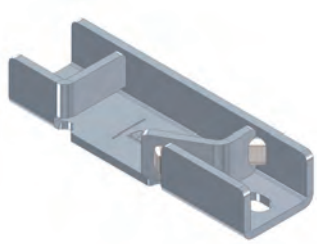
Référence *Reference*	Kg	Finition *Finish*
021610822	0,114	Acier inoxydable *Stainless steel*

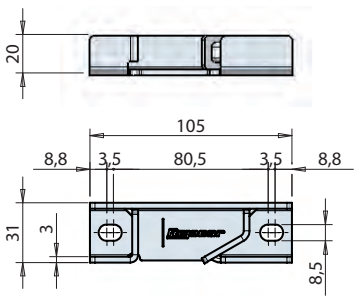




Gâche GA 13 mm à fixation horizontale.
LH keeper for horizontal operation 13 mm height.

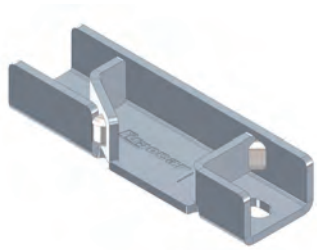
Référence *Reference*	Kg	Finition *Finish*
021610823	0,114	Acier inoxydable *Stainless steel*

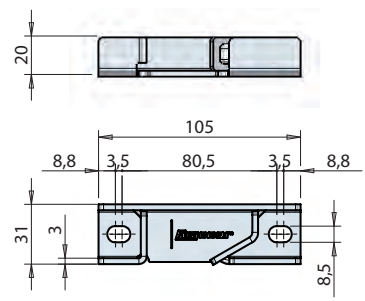




Gâche DR 20 mm à fixation horizontale.
RH keeper for horizontal operation 20 mm height.

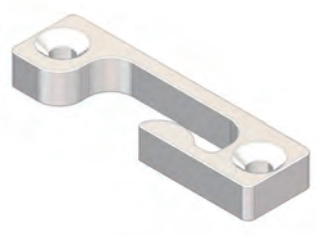
Référence *Reference*	Kg	Finition *Finish*
021610820	0,150	Acier inoxydable *Stainless steel*

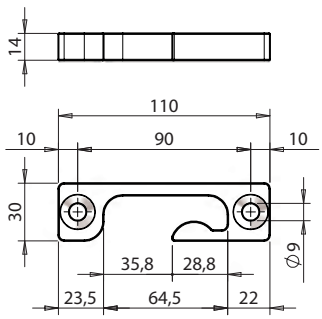




Gâche GA 20 mm à fixation horizontale.
LH keeper for horizontal operation 20 mm height.

Référence *Reference*	Kg	Finition *Finish*
021610821	0,150	Acier inoxydable *Stainless steel*

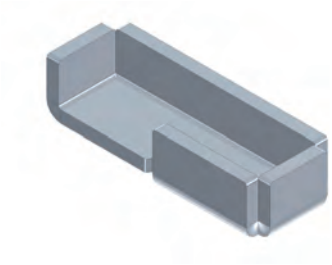


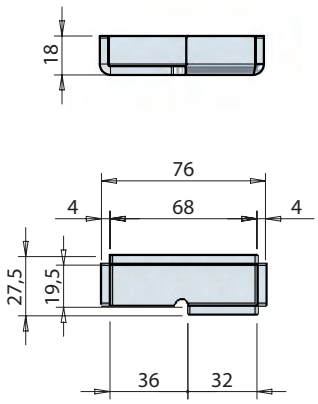


Gâche universelle D/G à fixation horizontale.
RH/LH universal keeper for horizontal operation.

Référence *Reference*	Kg	Finition *Finish*
02160309M	0,190	Acier inoxydable *Stainless steel*

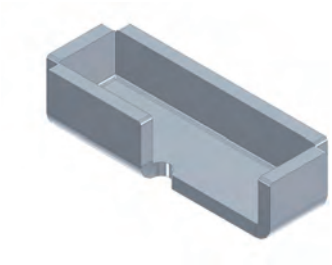
Gâche pour crémone à encastrer Ø16 inox / *Keeper for recessed locking gear Ø16 stainless steel*

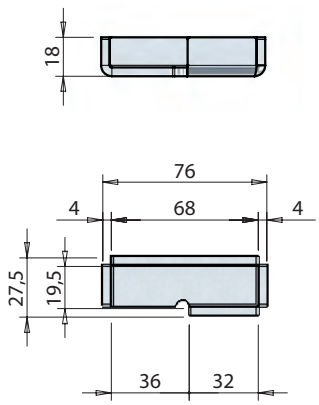




Gâche DR à souder - fixation horizontale.
RH weld-on keeper for horizontal operation.

Référence *Reference*	Kg	Finition *Finish*
021610204	0,104	Acier inoxydable *Stainless steel*

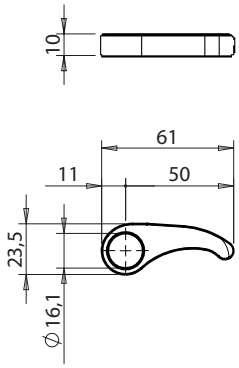




Gâche GA à souder - fixation horizontale.
LH weld-on keeper for horizontal operation.

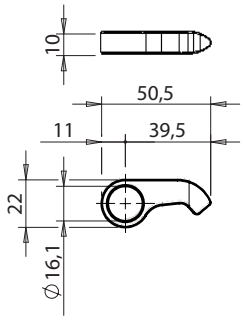
Référence *Reference*	Kg	Finition *Finish*
021610205	0,104	Acier inoxydable *Stainless steel*

Pêne pour crémone à encastrer Ø16 inox / *Cam for recessed locking gear Ø16 stainless steel*



Pêne universel D/G à fixation horizontale.
RH/LH universal cam for horizontal operation.

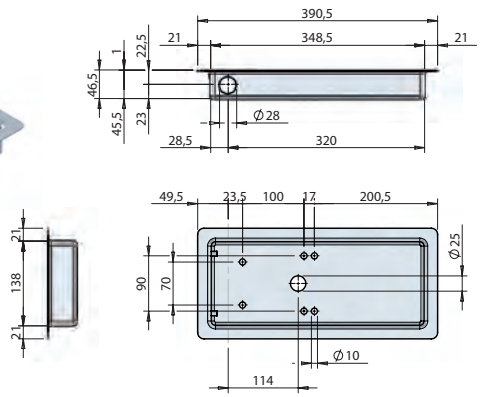
Référence *Reference*	Kg	Finition *Finish*
02160309L	0,050	Acier inoxydable *Stainless steel*



Pêne D/G pour gâches à fixation horizontale.
RH/LH cams for horizontal operation for keeper thickness.

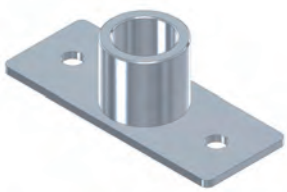
Référence *Reference*	Kg	Finition *Finish*
021603109	0,04	Acier inoxydable *Stainless steel*

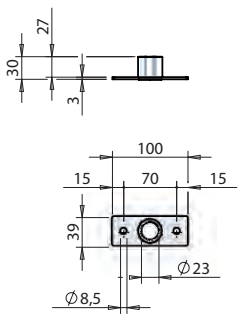
Accessoires pour crémone à encastrer inox / *Accessories for recessed locking gear stainless steel*



Cuvette d'encastrement pour poignées TORSEO Ø 22 SH-X.
Pan for recessing external locks TORSEO Ø 22 SH-X.

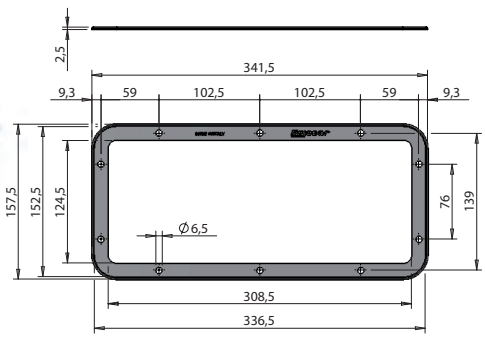
Référence *Reference*	Kg	Ø	Finition *Finish*
021610463	0,821	22	Acier inoxydable *Stainless steel*





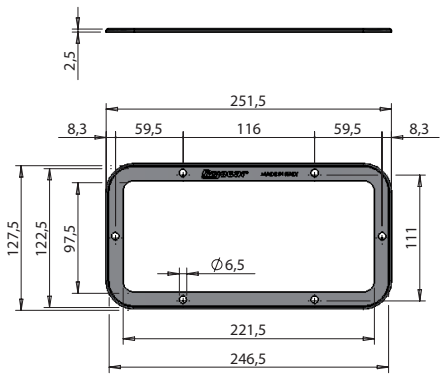
Guide de tube, hauteur 30 mm pour crémone à encastrer Ø 22.
Locking gear tube Ø 22 guide sleeve height 30 mm.

Référence *Reference*	Kg	Ø	Finition *Finish*
021610982	0,154	22	Acier inoxydable *Stainless steel*



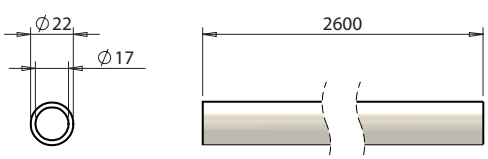
Joint pour fermeture TORSEO à encastrer Ø 16.
Gasket for recessed lock TORSEO Ø 16.

Référence *Reference*	Kg	Finition *Finish*
021603791	0,02	Plastique *Plastic*



Joint pour fermeture MINI-PUSH à encastrer.
Gasket for recessed lock MINI-PUSH.

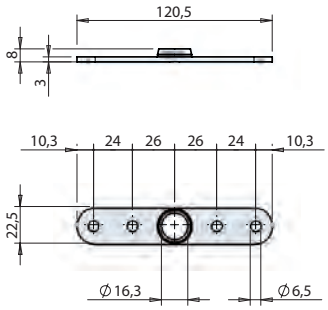
Référence *Reference*	Kg	Finition *Finish*
021610725	0,014	Plastique *Plastic*



Tube pultrudé Ø 22 x 2,5 x 2600 mm.
Pultruded tube Ø 22 x 2,5 x 2600 mm.

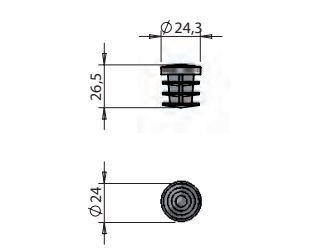
Référence *Reference*	Kg	Ø	Finition *Finish*
021610128	0,82	22	Fibre de verre *Fiberglass*

Accessoires pour crémone à encastrer inox / *Accessories for recessed locking gear stainless steel*



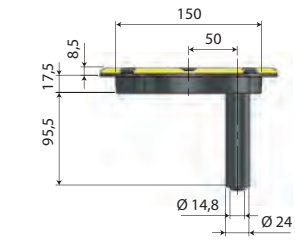
Guide de tube Ø 16.
Guide plate for rod Ø 16.

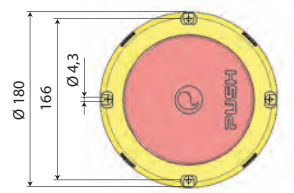
Référence *Reference*	Kg	Ø	Finition *Finish*
021603310	0,055	16	Acier inoxydable *Stainless steel*



Bouchon en plastique pour tube Ø 22.
Plastic cap for tube Ø 22.

Référence *Reference*	Kg	Ø	Finition *Finish*
021610343	0,003	22	Plastique *Plastic*

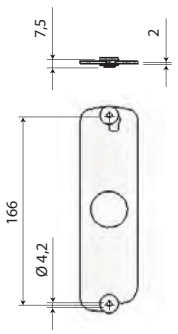




FREEF

Dispositif intuitif anti-enfermement.
Intuitive anti-lock-in device.

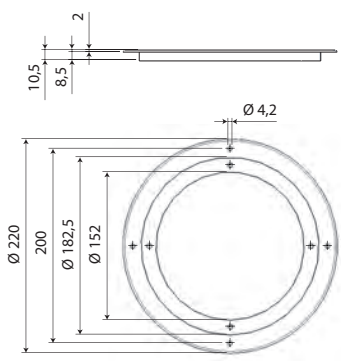
Référence *Reference*	Kg
020911794	0,470



FREEF

Kit plaque de protection pour dispositif anti-enfermement.
Protection plate kit for anti-lock-in device.

Référence *Reference*	Kg
020911795	0,120

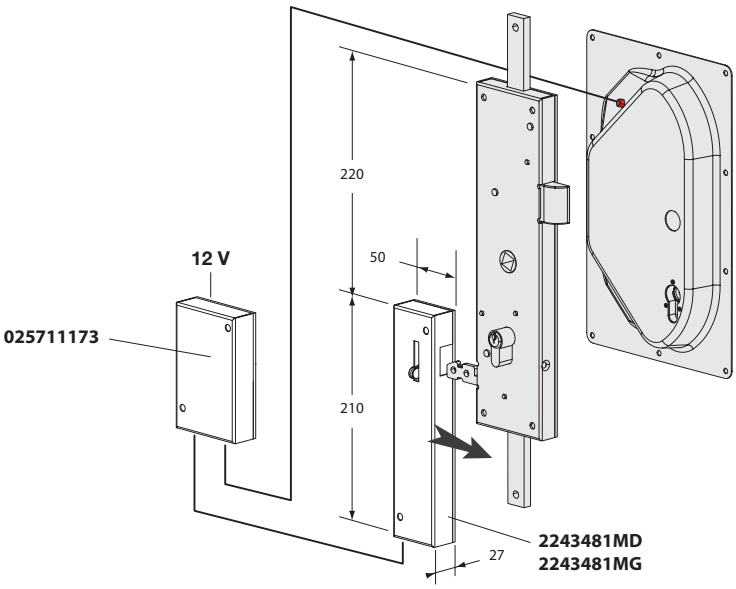


FREEF

Cuvette d'encastrement pour dispositif anti-enfermement.
Pan for recessing anti-lock-in device.

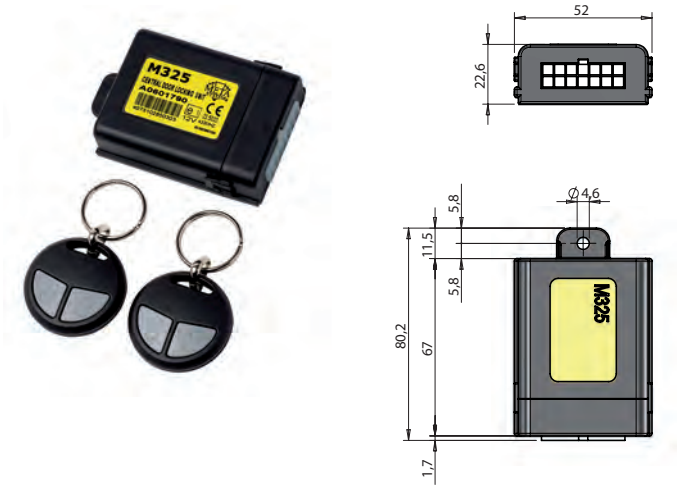
Référence *Reference*	Kg
020911799	0,060

Accessoires pour crémone à tringle / *Accessories for rod lock*



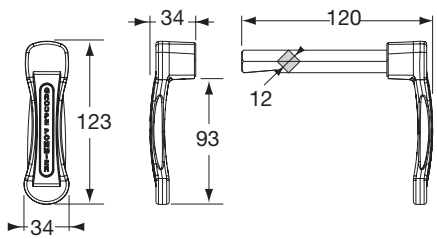
Module additionnel de verrouillage électrique pour crémone (+ LED).
Additional electric locking module for lock (+ LED).

Référence *Reference*	Pour *For*	Côté *Hand*
2243482MD	2243482FD 2243483FD	Droit (e) *Right*
2243482MG	2243482FG 2243483FG	Gauche *Left*



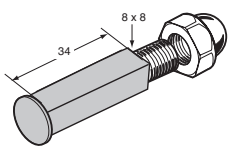
Récepteur avec faisceau électrique livré avec 2 télécommandes.
Receiver with electric beam delivered with 2 remote control.

Référence *Reference*	Kg	Pour *For*
025711173	0,40	020911647 025711172 025711171 2243482FD 2243482FG 2243483FD 2243483FG



Ensemble poignée / contre-poignée en plastique.
Plastic handle / inner handle set.

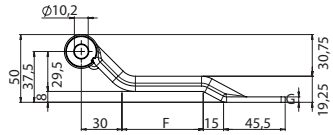
Référence *Reference*	Kg	Pour *For*
2243481P0	0,268	2243482CD 2243482CG

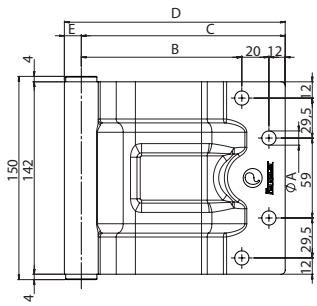


Carré de crémone acier brut.
Self colour steel square shank.

Référence *Reference*	Kg
2243491	0,226

Acier inoxydable / *Stainless steel*

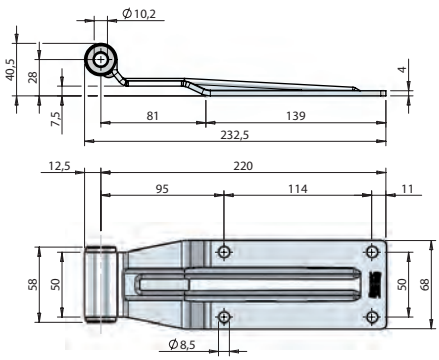




FURGOCAR HK

Penture inox à bagues autolubrifiantes, pour panneau de 40 à 120 mm.
Stainless steel hinge with self-lubricating bushes, for 40 - 120 mm panel thickness.

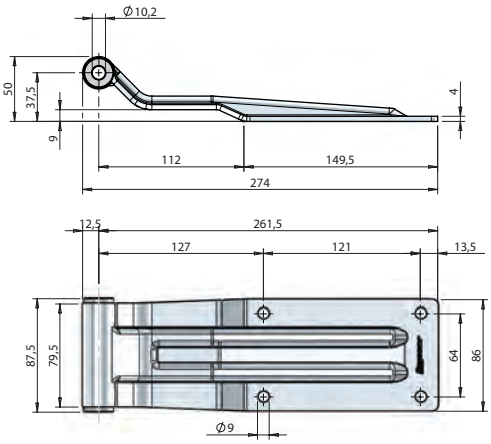
Référence *Reference*	Kg	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	Ø A	Pour *For*	Type *Type*	Finition *Finish*
084011761	0,865	130,5	143	12,5	40	4	10.5	084011775 084011776	HK 40-60	Acier inoxydable *Stainless steel*
084011762	0,965	150,5	163	12,5	60	4	10.5	084011773 084011774	HK 60-80	Acier inoxydable *Stainless steel*
084011763	1,070	170,5	183	12,5	80	4	10.5	084011773 084011774	HK 80-100	Acier inoxydable *Stainless steel*
084011764	1,165	190,5	203	12,5	100	4	10.5	084011773 084011774	HK 100-120	Acier inoxydable *Stainless steel*



Penture inox à bagues autolubrifiantes, pour panneau de 60 mm maxi.
Stainless steel hinge with self-lubricating bushes, for max. 60 mm panel thickness.

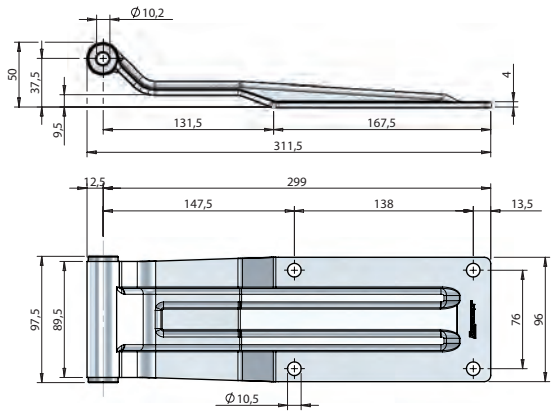
Référence *Reference*	Kg	Pour *For*
081505460	0,57	081505480 081505500 081505520 081505521

Acier inoxydable / *Stainless steel*



Penture inox à bagues autolubrifiantes, pour panneau de 80 mm maxi.
Stainless steel hinge with self-lubricating bushes, for max. 80 mm panel thickness.

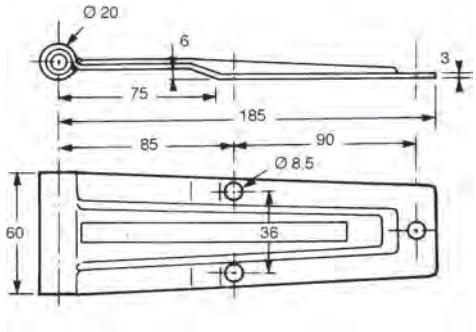
Référence *Reference*	Kg	Pour *For*	Finition *Finish*
082505710	0,91	082505750 082510209 082500211 082505770 082505790 082005792	Acier inoxydable *Stainless steel*



Penture inox à bagues autolubrifiantes, pour panneau de 100 mm maxi.
Stainless steel hinge with self-lubricating bushes, for max. 100 mm panel thickness.

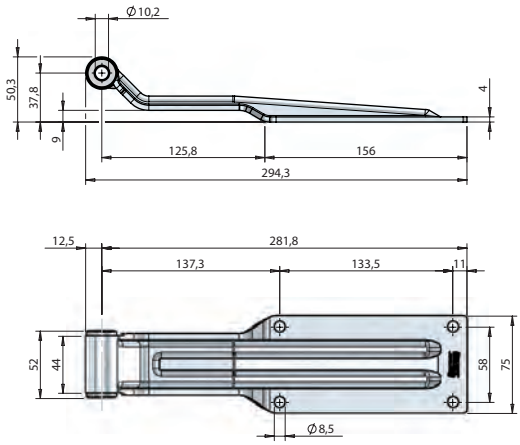
Référence *Reference*	Kg	Pour *For*	Finition *Finish*
082005700	1,13	082005740 082010207 082010189 082005760 082005780 082005792	Acier inoxydable *Stainless steel*

Acier inoxydable / *Stainless steel*



Penture inox 18/10 brillanté, avec douille nylon.
Polished stainless steel hinge with nylon bushes.

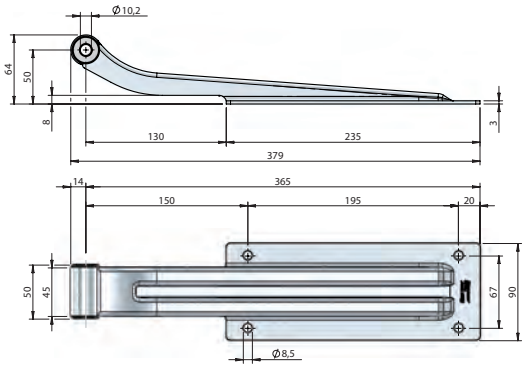
Référence *Reference*	Kg	Pour *For*	Finition *Finish*
2704473	0,31	2704474	Acier inoxydable *Stainless steel*



Penture pour portes arrière de petites et moyennes caisses frigorifiques équipée de bagues autolubrifiantes. Épaisseur panneau max. 100 mm.
Rear door hinge for small-medium bodies. Supported by self-lubricating bushes. Wall panel thickness max. 100 mm.

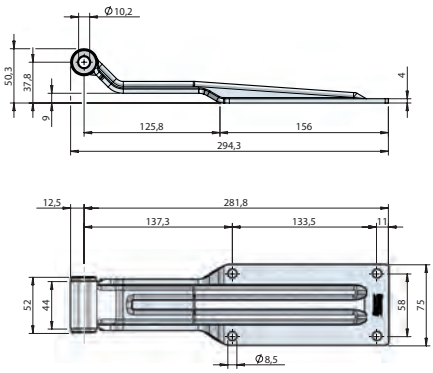
Référence *Reference*	Kg	Pour *For*	Finition *Finish*
081005340	0,710	081005360 081005380 081005420	Acier inoxydable *Stainless steel*

Acier zingué / *Zinc plated steel*



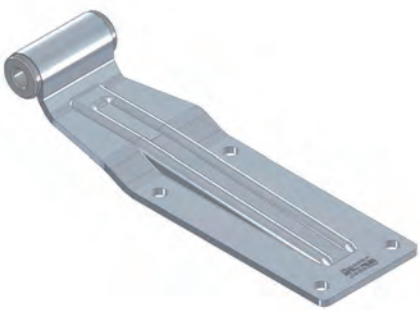
Penture pour portes arrière de grandes caisses frigorifiques. Équipée de bagues autolubrifiantes. Épaisseur panneau max. 100 mm.
Heavy duty rear door hinge for large bodies, supported by self-lubrificating bushes. Wall panel thickness max. 100 mm.

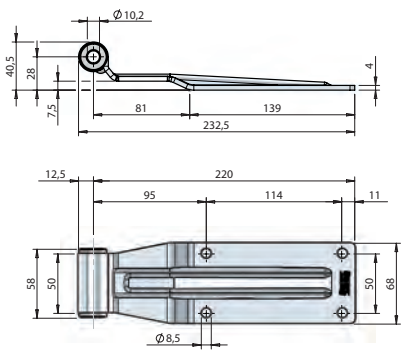
Référence *Reference*	Kg	Pour *For*	Finition *Finish*
080605190	1,070	080605210 080605270 080605311	Acier zingué *Zinc plated*



Penture pour portes arrière de petites et moyennes caisses frigorifiques équipée de bagues autolubrifiantes. Épaisseur panneau max. 100 mm.
Rear door hinge for small-medium bodies. Supported by self-lubricating bushes. Wall panel thickness max. 100 mm.

Référence *Reference*	Kg	Pour *For*	Finition *Finish*
081105350	0,700	081105370 081105390 081105430	Acier zingué *Zinc plated*

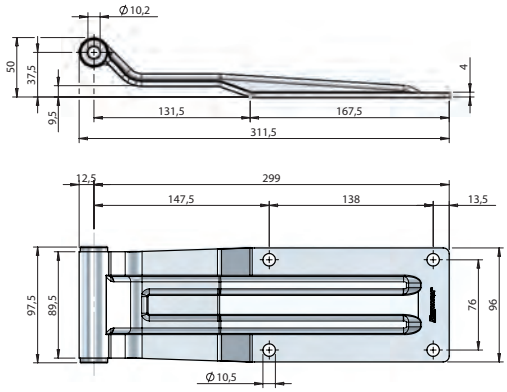




Penture pour portes arrière de petites caisses frigorifiques équipée de bagues autolubrifiantes. Épaisseur panneau max. 60 mm.
Rear door hinge for small-medium bodies. Supported by self-lubricating bushes. Wall panel thickness max. 60 mm.

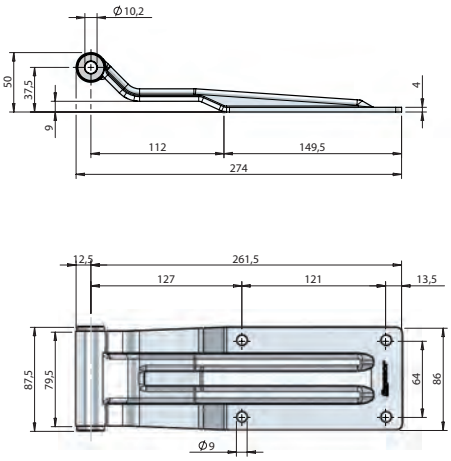
Référence *Reference*	Kg	Pour *For*	Finition *Finish*
081605470	0,560	081605490 081605510 081605530	Acier zingué *Zinc plated*

Acier zingué / *Zinc plated steel*



Penture pour portes arrière de grandes caisses frigorifiques équipée de bagues autolubrifiantes. Épaisseur panneau max. 100 mm.
Heavy duty rear door hinge, for large bodies. Supported by self-lubrificating bushes. Wall panel thickness max. 100 mm.

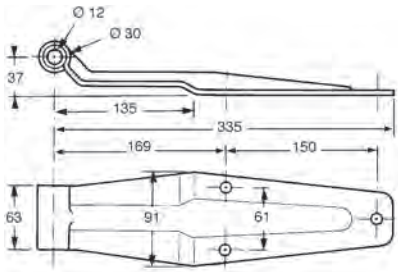
Référence *Reference*	Kg	Pour *For*	Finition *Finish*
082105701	1,120	082110437 082110409 082105781 082105793	Acier zingué *Zinc plated*



Penture pour portes arrière des grandes et moyennes caisses frigorifiques équipée de bagues autolubrifiantes. Épaisseur panneau max. 80 mm.
Heavy duty rear door hinge for medium-large bodies. Supported by self-lubricating bushes. Wall panel thickness max. 80 mm.

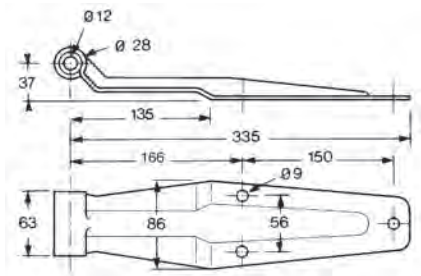
Référence *Reference*	Kg	Pour *For*	Finition *Finish*
082605711	0,910	082510209 082610410 082605791 082105793	Acier zingué *Zinc plated*

Acier peint / *Painted steel*



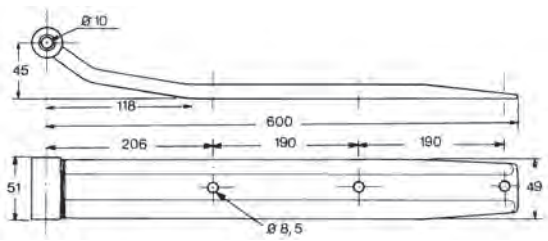
Penture acier 3 trous Ø 10.5, peinture polyester, avec douille nylon ép. 5 mm.
Steel hinge 3 holes Ø 10,5, with nylon bush, thickness 5 mm, polyester painted.

Référence *Reference*	Kg	Pour *For*	Couleur *Colour*	Finition *Finish*
2704454	1,1	2704441 2704448 2704447 2704423 2704440	Gris *Gris*	Acier peint *Painted steel*
2704454BL	1,1	2704441 2704448 2704447 2704423 2704440	Blanc *White*	Acier peint *Painted steel*



Penture acier haute résistance, peinture polyester, avec douille nylon, ép. 3 mm.
High strength steel hinge, with nylon bush, thickness 3 mm, polyester painted.

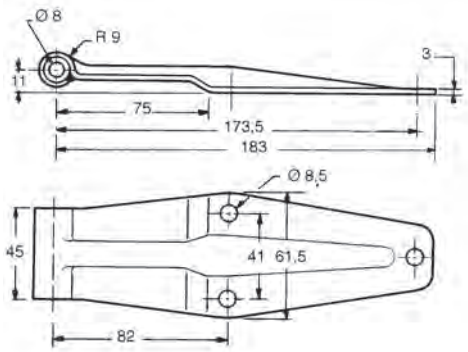
Référence *Reference*	Kg	Pour *For*	Couleur *Colour*	Finition *Finish*
2704470	0,72	2704454	Gris *Gris*	Acier peint *Painted steel*



Penture acier, peinture polyester, avec douille nylon.
Steel hinge with nylon bush, polyester painted.

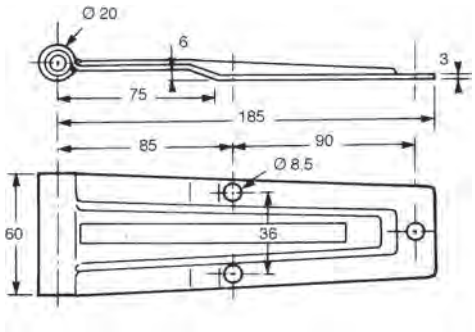
Référence *Reference*	Kg	Pour *For*	Couleur *Colour*	Finition *Finish*
2704450	1,17	2704449 2704452	Gris *Gris*	Acier peint *Painted steel*

Acier peint / *Painted steel*



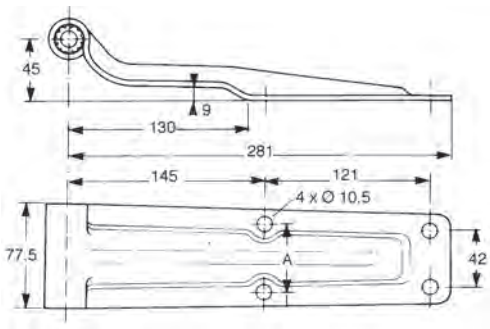
Penture acier, peinture polyester, avec douille nylon.
Steel hinge with nylon bush, polyester painted.

Référence *Reference*	Kg	Pour *For*	Couleur *Colour*	Finition *Finish*
2704465	0,255	2704466	Gris *Gris*	Acier peint *Painted steel*



Penture acier, peinture polyester, avec douille nylon.
Steel hinge with nylon bush polyester painted.

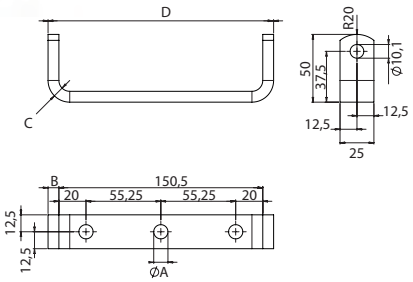
Référence *Reference*	Kg	Pour *For*	Couleur *Colour*	Finition *Finish*
2704471	0,31	2704472	Gris *Gris*	Acier peint *Painted steel*



Penture acier haute résistance, avec douille nylon, ép. 3 mm.
High strength steel hinge, with nylon bush, thickness 3 mm.

Référence *Reference*	Kg	A (mm)	Epaisseur *Thickness*	Pour *For*	Couleur *Colour*	Finition *Finish*
2704477	0,7	48	3	2704479 2704478	Gris *Gris*	Acier peint *Painted steel*

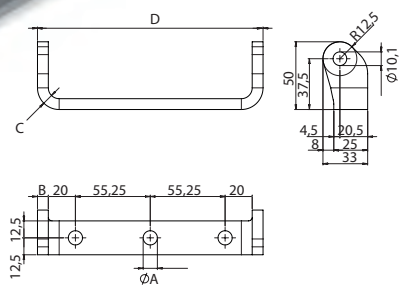
Acier inoxydable / *Stainless steel*



FURGOCAR HK

Chape inox en «U» à souder ou à visser.
Weld-on or bolt-on U-type bracket.

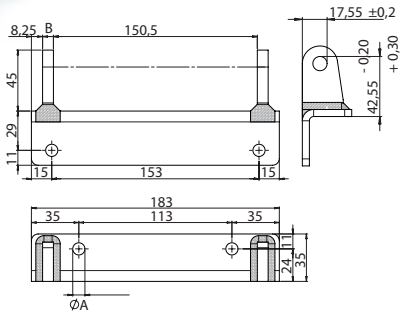
Référence *Reference*	Kg	B (mm)	C (mm)	D (mm)	Ø A	Pour *For*	Perçage *Hole*	Finition *Finish*
084011773	0,36	8	R16	166,5	10.5	084011762 084011763 084011464	M10	Acier inoxydable *Stainless steel*
084011775	0,36	6	R14	162,5	8.5	084011761	M8	Acier inoxydable *Stainless steel*



FURGOCAR HK

Chape inox déportée à souder ou à visser.
Weld-on or bolt-on offset type bracket.

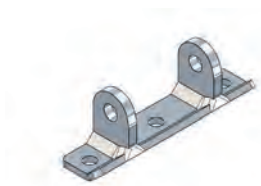
Référence *Reference*	Kg	B (mm)	C (mm)	D (mm)	Ø A	Pour *For*	Perçage *Hole*	Finition *Finish*
084011774	0,360	8	R16	166,5	10.5	084011762 084011763 084011764	M10	Acier inoxydable *Stainless steel*
084011776	0,360	6	R14	162,5	8.5	084011761	M8	Acier inoxydable *Stainless steel*

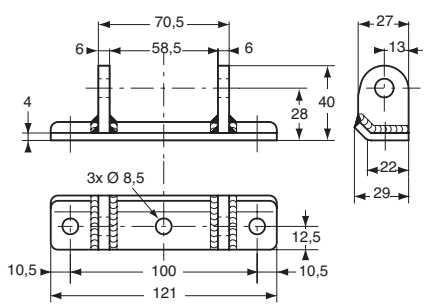


FURGOCAR HK

Chape inox en équerre à souder ou à visser.
Bolt-on or weld-on Hangular bracket.

Référence *Reference*	Kg	B (mm)	D (mm)	Ø A	Perçage *Hole*	Finition *Finish*
084011772	0,36	8	183	9	M8	Acier inoxydable *Stainless steel*

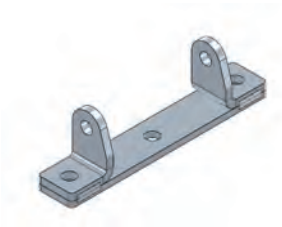


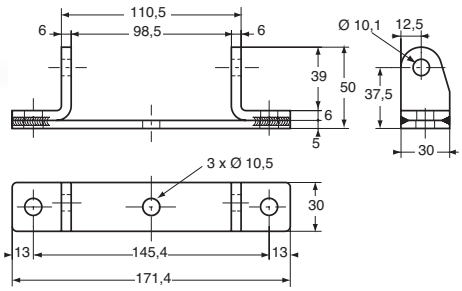


Chape inox à visser.
Stainless steel bolt-on bracket.

Référence *Reference*	Kg	Pour *For*	Finition *Finish*
081505480	0,19	081505460	Acier inoxydable *Stainless steel*

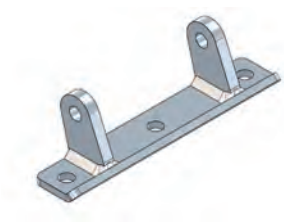
Acier inoxydable / *Stainless steel*

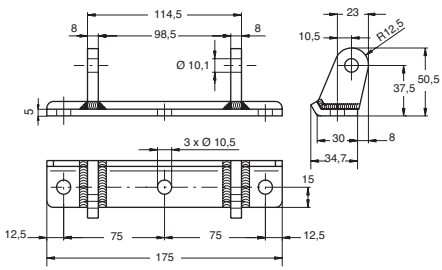




Chape inox à visser.
Stainless steel bolt-on bracket.

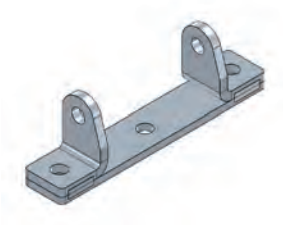
Référence *Reference*	Kg	Pour *For*	Finition *Finish*
082005740	0,35	082005700	Acier inoxydable *Stainless steel*

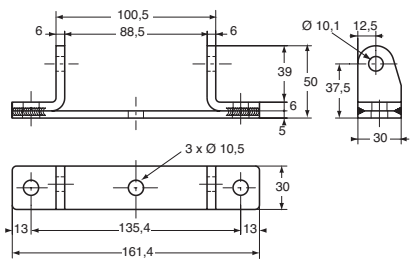




Chape inox à visser.
Stainless steel bolt-on bracket.

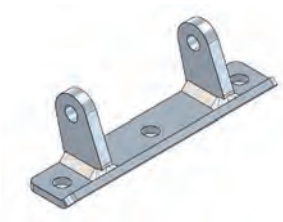
Référence *Reference*	Kg	Pour *For*	Finition *Finish*
082010207	0,375	082005700	Acier inoxydable *Stainless steel*

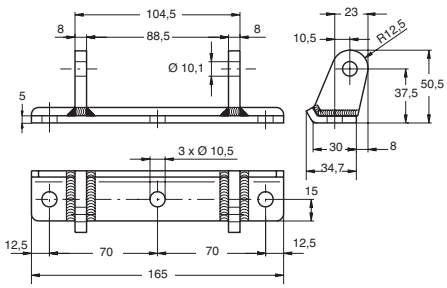




Chape inox à visser.
Stainless steel bolt-on bracket.

Référence *Reference*	Kg	Pour *For*	Finition *Finish*
082505750	0,336	082505710	Acier inoxydable *Stainless steel*

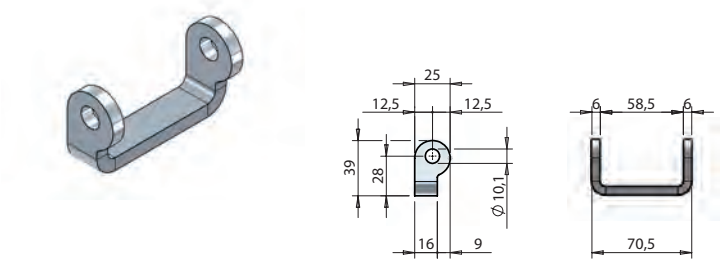




Chape inox à visser.
Stainless steel bolt-on bracket.

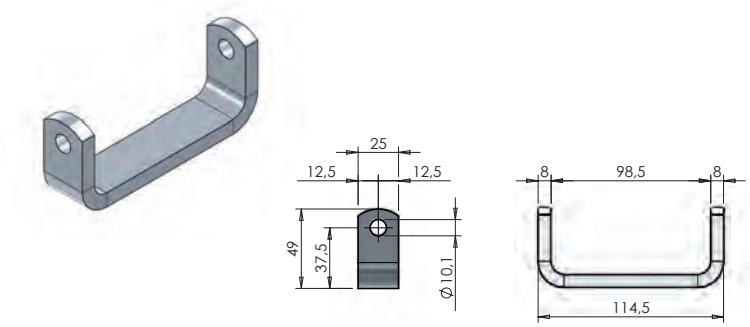
Référence *Reference*	Kg	Pour *For*	Finition *Finish*
082510209	0,37	082505710	Acier inoxydable *Stainless steel*

Acier inoxydable / *Stainless steel*



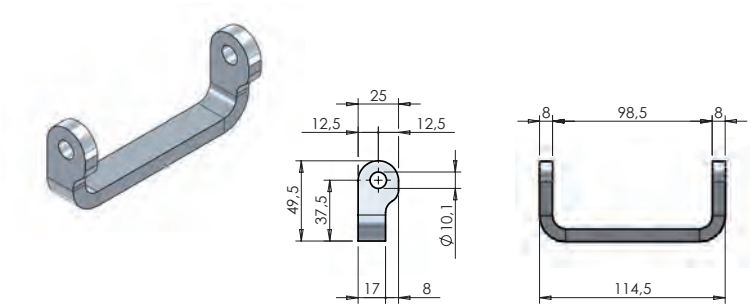
Chape inox à souder.
Stainless steel weld-on bracket.

Référence *Reference*	Kg	Pour *For*	Finition *Finish*
081505500	0,1	081505460	Acier inoxydable *Stainless steel*



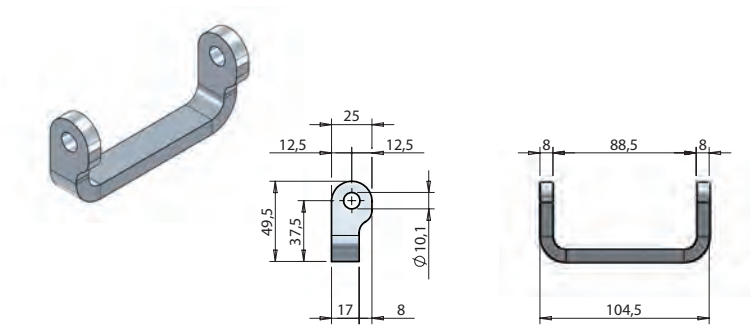
Chape inox à souder.
Stainless steel weld-on bracket.

Référence *Reference*	Kg	Pour *For*	Finition *Finish*
082005760	0,28	082005700	Acier inoxydable *Stainless steel*



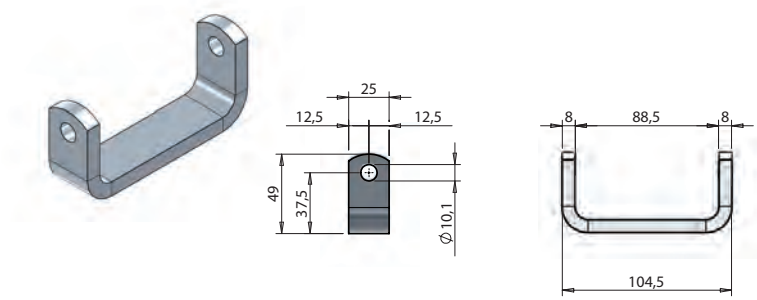
Chape inox à souder.
Stainless steel weld-on bracket.

Référence *Reference*	Kg	Pour *For*	Finition *Finish*
082010189	0,21	082005700	Acier inoxydable *Stainless steel*



Chape inox à souder.
Stainless steel weld-on bracket.

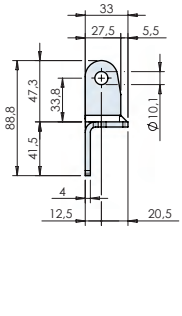
Référence *Reference*	Kg	Pour *For*	Finition *Finish*
082500211	0,19	082505710	Acier inoxydable *Stainless steel*



Chape inox à souder.
Stainless steel weld-on bracket.

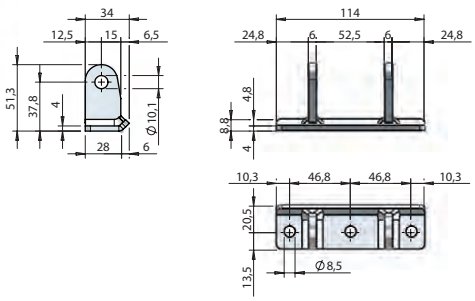
Référence *Reference*	Kg	Pour *For*	Finition *Finish*
082505770	0,26	082505710	Acier inoxydable *Stainless steel*

Acier inoxydable / *Stainless steel*



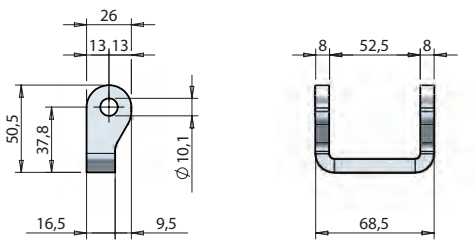
Chape en équerre 29 mm à visser.
Bolt-on angular bracket 29 mm.

Référence *Reference*	Kg	Pour *For*	Finition Finish
081005360	0.300	081005340	Acier inoxydable *Stainless steel*



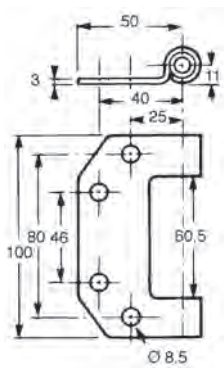
Chape à base plate 28 mm à visser.
Bolt-on flat base bracket 28 mm.

Référence *Reference*	Kg	Pour *For*	Finition Finish
081005380	0.235	081005340	Acier inoxydable *Stainless steel*



Chape à souder en «U» 16 mm.
Weld-on U-type bracket 16 mm.

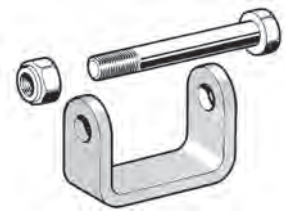
Référence *Reference*	Kg	Pour *For*	Finition Finish
081005420	0.155	081005340	Acier inoxydable *Stainless steel*

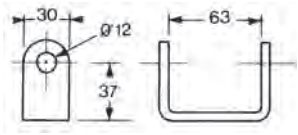


Chape inox, 18/10 brillanté, avec douille nylon, axe Ø 8 x 110 et écrou frein zingué.
Polished stainless steel hinge with nylon bushes, with locknut and pin Ø 8 x 110.

Référence *Reference*	Kg	Pour *For*	Finition Finish
2704474	0,24	2704473	Acier inoxydable *Stainless steel*

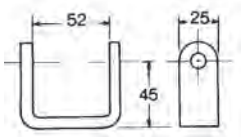
Acier zingué / *Zinc plated steel*





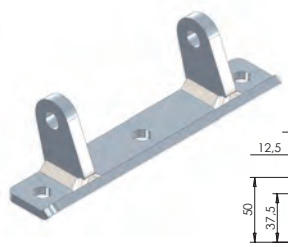
Chape à souder, acier zingué, avec axe Ø 12 x 90 et écrou frein zingués.
Zinc plated steel hinge bracket to weld, with zinc plated locknut and Ø 12 x 90 pin.

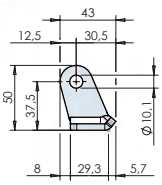
Référence *Reference*	Kg	Pour *For*	Finition *Finish*
2704441	0,31	2704454 2704454BL	Acier zingué *Zinc plated*

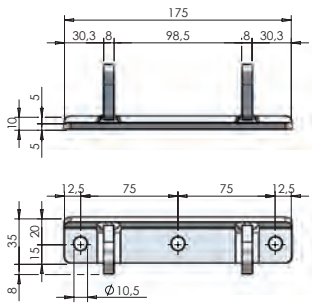


Chape à souder, acier zingué, avec axe Ø 10 x 80 et écrou frein zingués.
Zinc plated steel hinge bracket weld-on, with zinc plated locknut and pin Ø 10 x 80.

Référence *Reference*	Kg	Pour *For*	Finition *Finish*
2704452	0,23	2704450	Acier zingué *Zinc plated*

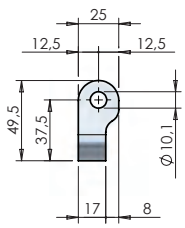


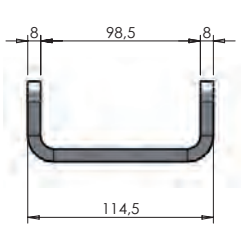




Chape à base plate 30 mm et ailes déportées adaptée aux panneaux rayonnés.
Bolt-on flat base bracket with offset lugs 30 mm. Suitable for radial body sides.

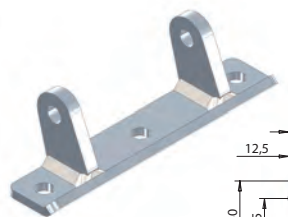
Référence *Reference*	Kg	Pour *For*	Finition *Finish*
082110437	0.390	082105701	Acier zingué *Zinc plated*

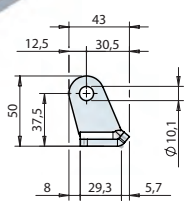


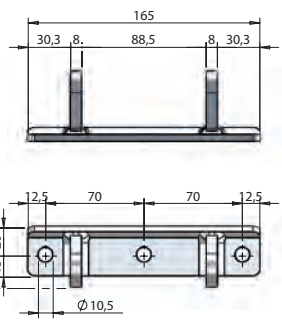


Chape à souder en «U» 17 mm.
Weld-on U-type bracket 17 mm.

Référence *Reference*	Kg	Pour *For*	Finition *Finish*
082110409	0.190	082105701	Acier zingué *Zinc plated*



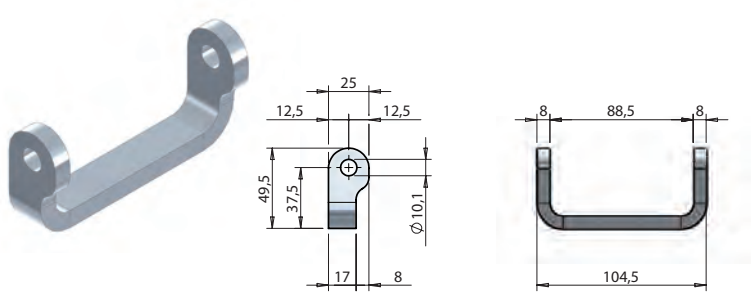




Chape à base plate 30 mm et ailes déportées adaptée aux panneaux rayonnés.
Bolt-on flat base bracket with offset lugs 30 mm. Suitable for radial body sides.

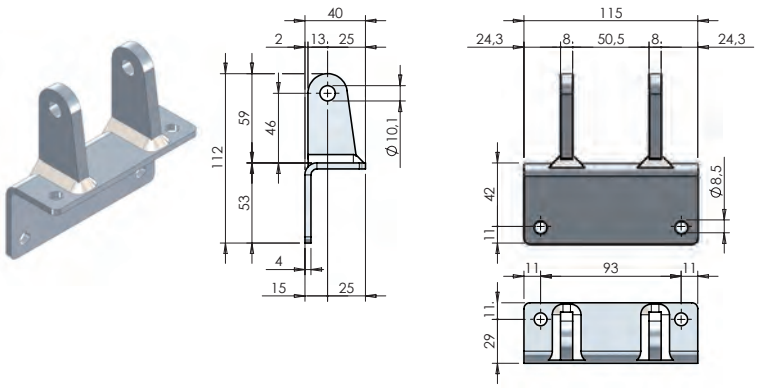
Référence *Reference*	Kg	Pour *For*	Finition *Finish*
082610438	0.375	082605711	Acier zingué *Zinc plated*

Acier zingué / *Zinc plated steel*



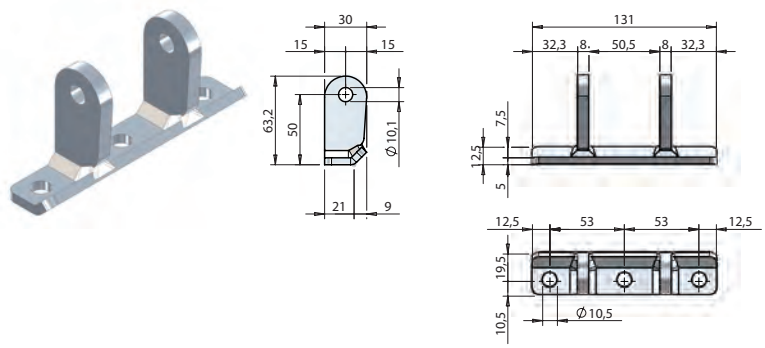
Chape à souder en «U» 17 mm.
Weld-on U-type bracket 17 mm.

Référence *Reference*	Kg	Pour *For*	Finition *Finish*
082610410	0.180	082605711	Acier zingué *Zinc plated*



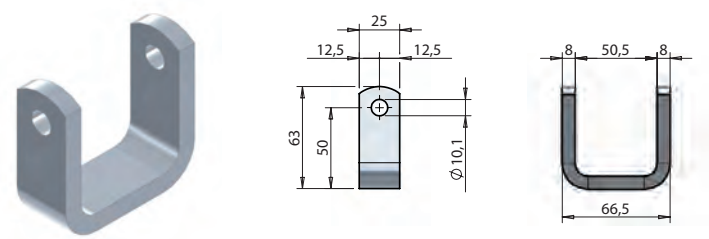
Chape en équerre 36 mm à visser.
Bolt-on angular bracket 36 mm.

Référence *Reference*	Kg	Pour *For*	Finition *Finish*
080605210	0.510	080605190	Acier zingué *Zinc plated*



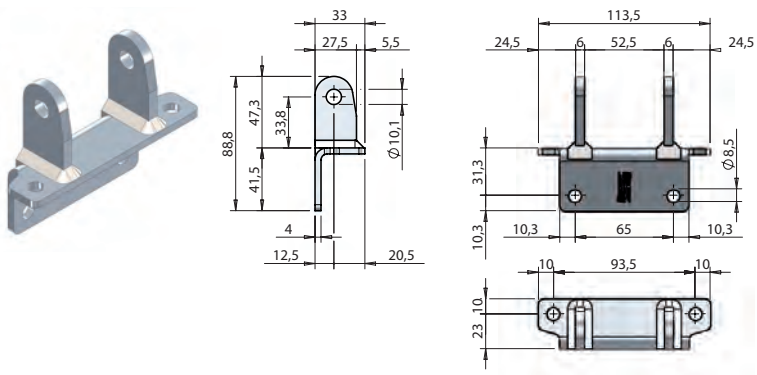
Chape à base plate 21 mm à visser.
Bolt-on angular bracket 21 mm.

Référence *Reference*	Kg	Pour *For*	Finition *Finish*
080605270	0.340	080605190	Acier zingué *Zinc plated*



Chape à souder en «U» 25 mm.
Weld-on U-type bracket 25 mm.

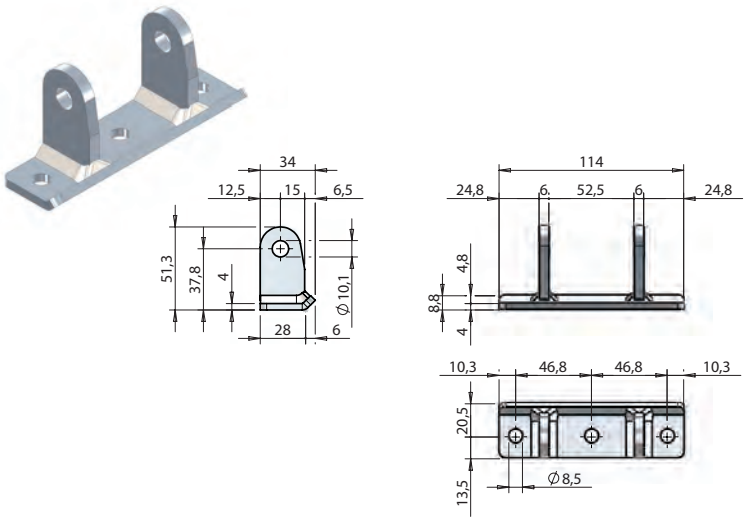
Référence *Reference*	Kg	Pour *For*	Finition *Finish*
080605311	0.250	080605190	Acier zingué *Zinc plated*



Chape en équerre 29 mm à visser.
Bolt-on angular bracket 29 mm.

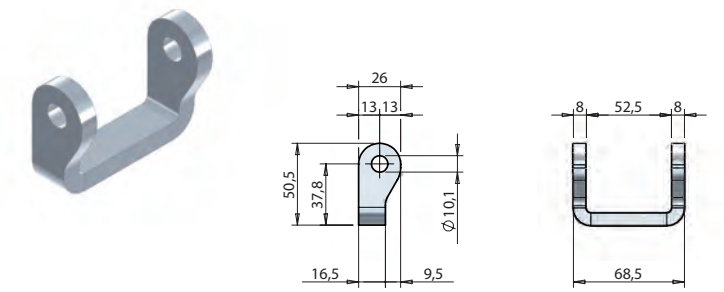
Référence *Reference*	Kg	Pour *For*	Finition *Finish*
081105370	0.300	081105350	Acier zingué *Zinc plated*

Acier zingué / *Zinc plated steel*



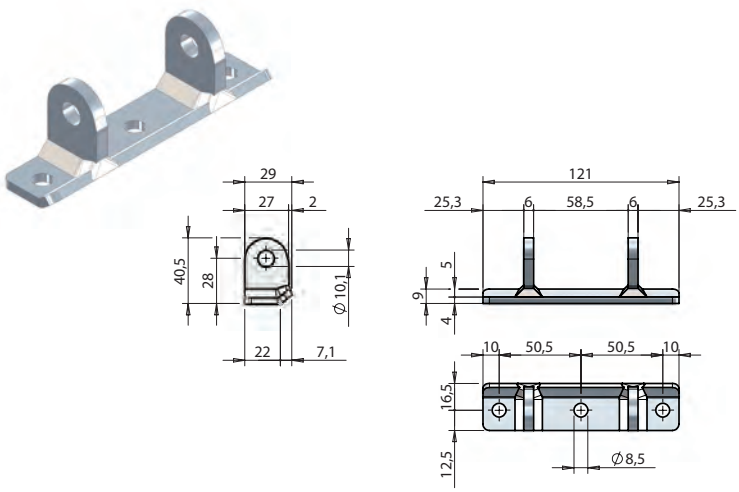
Chape à base plate 28 mm à visser.
Bolt-on flat base bracket 28 mm.

Référence *Reference*	Kg	Pour *For*	Finition *Finish*
081105390	0.235	081105350	Acier zingué *Zinc plated*



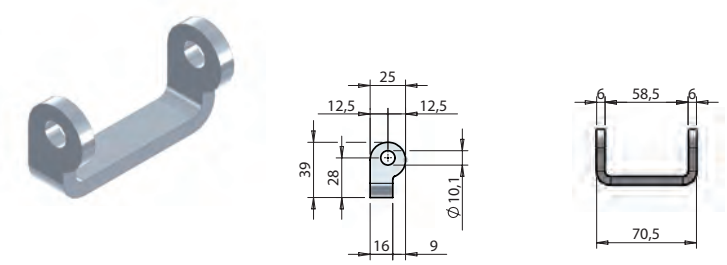
Chape à souder en «U» 16 mm.
Weld-on U-type bracket 16 mm.

Référence *Reference*	Kg	Pour *For*	Finition *Finish*
081105430	0.155	081105350	Acier zingué *Zinc plated*



Chape à base plate 22 mm à visser.
Bolt-on flat base bracket 22 mm.

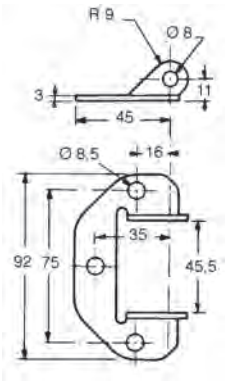
Référence *Reference*	Kg	Finition *Finish*
081605490	0.190	Acier zingué *Zinc plated*



Chape à souder en «U» 16 mm.
Weld-on U-type bracket 16 mm.

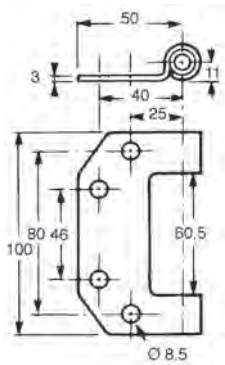
Référence *Reference*	Kg	Finition *Finish*
081605510	0.100	Acier zingué *Zinc plated*

Acier peint / *Painted steel*



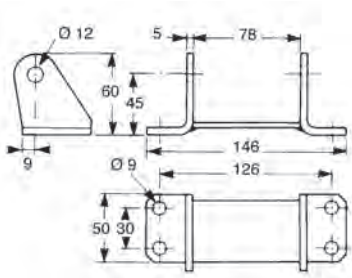
Chape acier, peinture polyester grise, avec axe Ø 8 x 65 et écrou frein zingué.
Steel hinge bracket, grey polyester painted, with zinc plated steel locknut and pin Ø 8 x 65.

Référence *Reference*	Kg
2704466	0,098



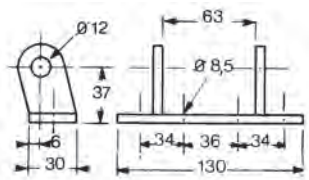
Chape acier, avec douille nylon, axe Ø 8 x 110 et écrou frein zingué.
Steel hinge, grey polyester painted, with nylon bush, zinc plated steel locknut and pin Ø 8 x 110.

Référence *Reference*	Kg
2704472	0,24



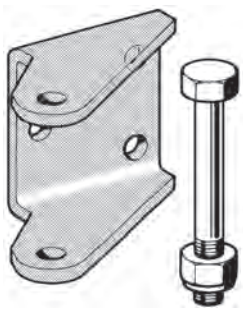
Chape acier, peinture polyester grise, avec axe Ø 12 x 100 et écrou frein zingués.
Steel hinge bracket, grey polyester painted, with zinc plated steel locknut and pin Ø 12 x 100.

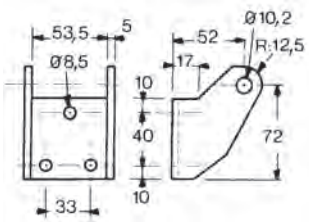
Référence *Reference*	Kg
2704478	0,46



Chape acier, peinture polyester grise, avec axe Ø 12 x 100 et écrou frein zingués.
Steel hinge bracket, grey polyester painted, with zinc plated steel locknut and pin Ø 12 x 100.

Référence *Reference*	Kg
2704423	0,435

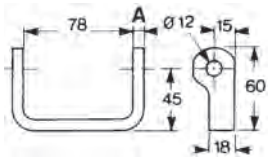




Chape à boulonner, peinture polyester grise, avec axe Ø 10 x 75 et écrou frein zingués.
Hinge bracket, grey polyester painted steel, with zinc plated locknut and pin Ø 10 x 75.

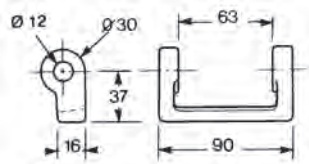
Référence *Reference*	Kg
2704449	0,635

Acier brut / *Self colour steel*



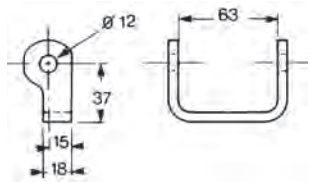
Chape à souder, acier brut ep. A = 8, avec axe Ø 12 x 110 et écrou frein zingués.
Self colour steel hinge bracket weld-on, A = 8 th., with zinc plated locknut and pin Ø 12 x 110.

Référence *Reference*	Kg
2704479	0,32



Chape étroite à souder, acier brut, avec axe Ø 12 x 110 et écrou frein zingués.
Narrow hinge bracket to weld, self colour steel, with zinc plated locknut and Ø 12 x 110 pin.

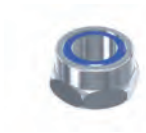
Référence *Reference*	Kg
2704447	0,35

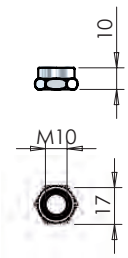


Chape étroite à souder, acier brut, avec axe Ø 12 x 100 et écrou frein zingués.
Narrow hinge bracket to weld, self colour steel, with zinc plated locknut and Ø 12 x 100 pin.

Référence *Reference*	Kg
2704448	0,3

Acier inoxydable / *Stainless steel*



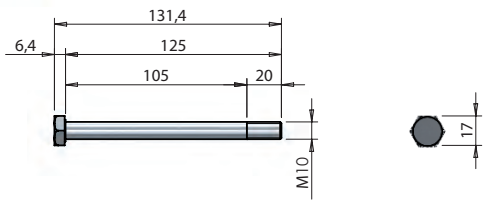


Ecrou frein inox HM10.
Stainless steel lock nut HM10.

Référence *Reference*	Pour *For*	Type *Type*	Finition *Finish*
082005792	082005700 082011077 082505710 084011765	HM10	Acier inoxydable *Stainless steel*

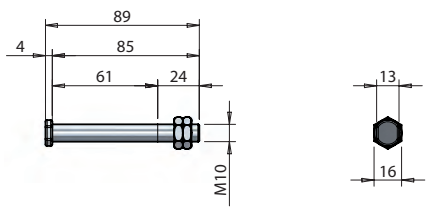
Axe fileté à tête hexagonale HK.
Hexagonal head hinge pin HK.

Référence *Reference*	Pour *For*	Type *Type*	Finition *Finish*
084011765	084011761 084011762 084011763 084011764	HM10-180	Acier inoxydable *Stainless steel*



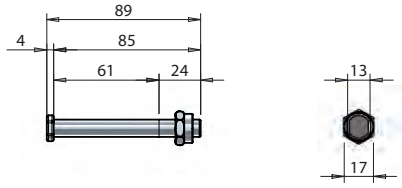
Axe fileté à tête hexagonale.
Hexagonal head hinge pin.

Référence *Reference*	Pour *For*	Type *Type*	Finition *Finish*
082005780	082005700 082011077	HM10-125	Acier inoxydable *Stainless steel*
082505790	082505710	HM10-115	Acier inoxydable *Stainless steel*
5403007GR	5763010	HM10-90	Acier inoxydable *Stainless steel*
5403007GV	5763010	HM10-130	Acier inoxydable *Stainless steel*
5403007GW	5763010	HM10-140	Acier inoxydable *Stainless steel*



Axe de rotation, écrou et contre-écrou M10 x 85 pas fin.
Flat head hinge pin complete with nut and counter-nut M10 x 85 fine thread.

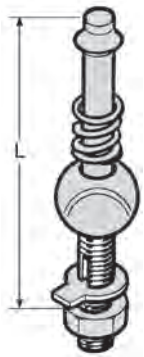
Référence *Reference*	Kg	Pour *For*	Finition *Finish*
081505520	0.068	081505460 081005340 080505180	Acier inoxydable *Stainless steel*



Axe de rotation, écrou autobloquant M10 x 85 pas fin.
Flat head hinge pin complete with self-locking nut M10 x 85, fine thread.

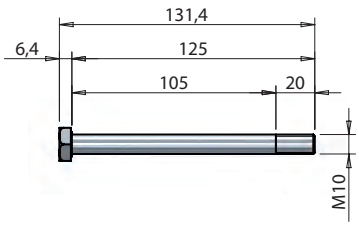
Référence *Reference*	Kg	Pour *For*	Finition *Finish*
081505521	0.080	081505460 081005340 080505180	Acier inoxydable *Stainless steel*

Acier / *Steel*



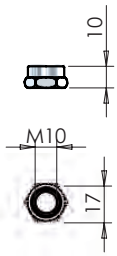
Axe de charnière à rotule.
Hinge pin only for Knuckle hinge.

Référence *Reference*	Kg	L (mm)
2603804L	0,049	70
2603804M	0,049	80



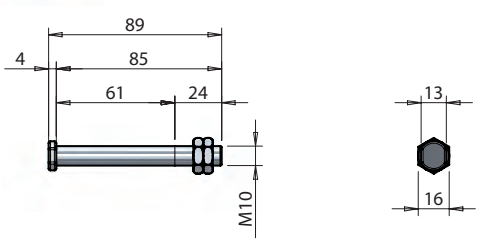
Axe fileté à tête hexagonale.
Hexagonal head hinge pin.

Référence *Reference*	Kg	Pour *For*	Type *Type*	Finition *Finish*
082105781	0,085	082105701	HM10-125	Acier zingué *Zinc plated*
082605791	0,080	082605711	HM10-115	Acier zingué *Zinc plated*



Écrou M10 autobloquant.
Self-locking nut M10.

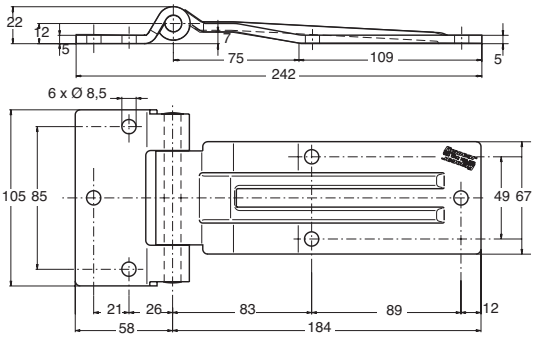
Référence *Reference*	Kg	Pour *For*	Finition *Finish*
082105793	0.012	082105701 082605711	Acier zingué *Zinc plated*



Axe de rotation, écrou et contre-écrou M10 x 85 pas fin.
Flat head hinge pin complete with nut and counter-nut M10 x 85 fine thread.

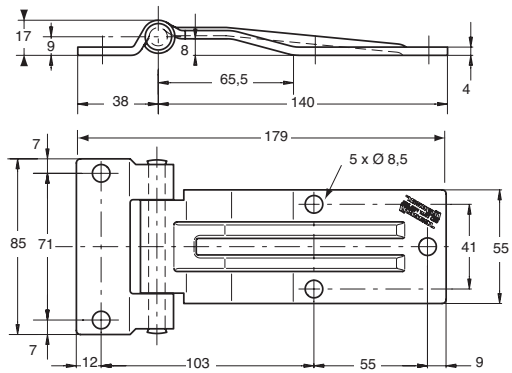
Référence *Reference*	Kg	Finition *Finish*
081605530	0,068	Acier zingué *Zinc plated*

Acier inoxydable / *Stainless steel*



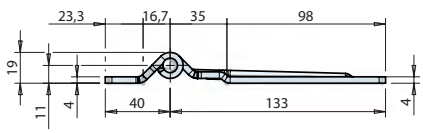
Charnières inox brillanté.
Polished stainless steel hinges.

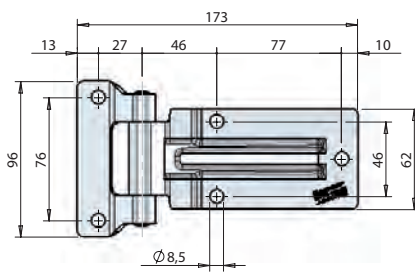
Référence *Reference*	Kg
10050613A	0,88



Charnières inox brillanté.
Polished stainless steel hinges.

Référence *Reference*	Kg
100506290	0,425

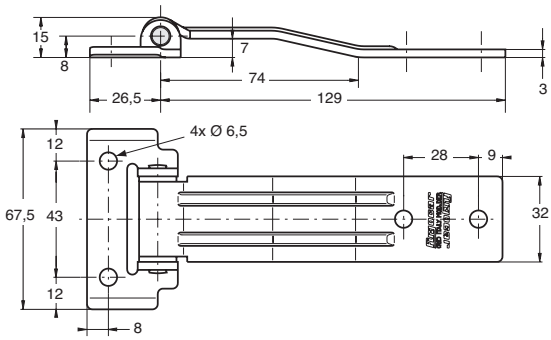




Charnières inox brillanté.
Polished stainless steel hinges.

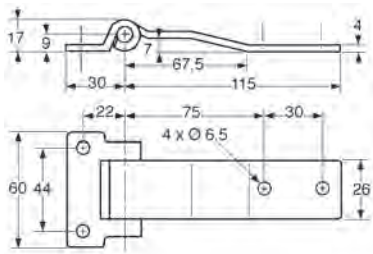
Référence *Reference*	Kg
100510188	0,44

Acier inoxydable / *Stainless steel*



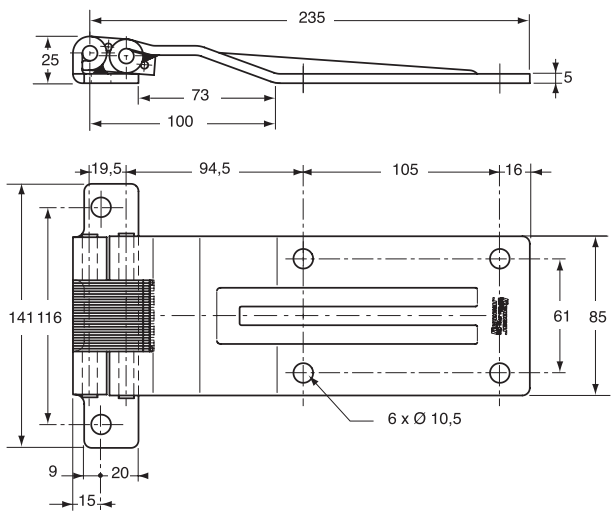
Charnières inox brillanté.
Polished stainless steel hinges.

Référence *Reference*	Kg
102006150	0,16



Charnières inox brillanté.
Polished stainless steel hinges.

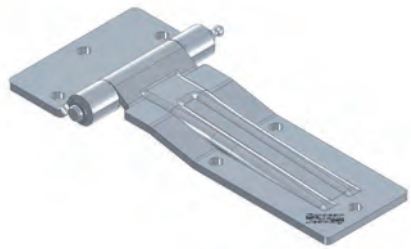
Référence *Reference*	Kg
102006310	0,2

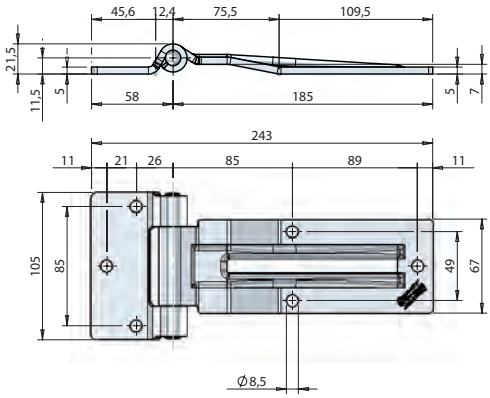


Charnière inox, à visser.
Stainless steel hinge.

Référence *Reference*	Kg
083005440	1,265

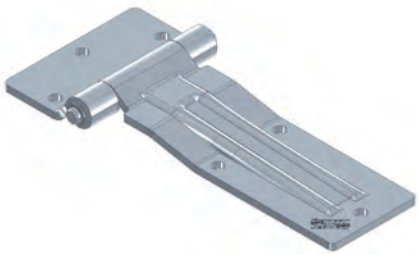
Acier inoxydable / *Stainless steel*

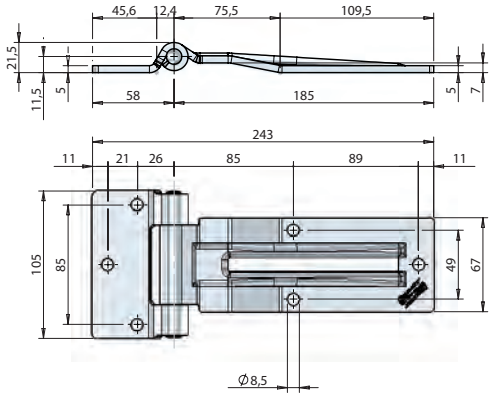




Charnière latérale très robuste avec passage de joint de 7 mm d'épaisseur max., pour portes de grandes dimensions. Version démontable avec graisseur.
Heavy duty side hinge for large doors. Designed for over-seal application up to thickness 7 mm. Version with lubricating pin, removable.

Référence *Reference*	Kg	Finition *Finish*
100506130	0.885	Acier inoxydable *Stainless steel*

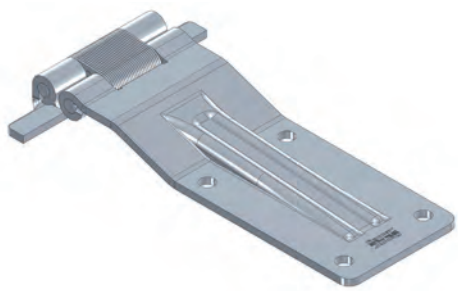


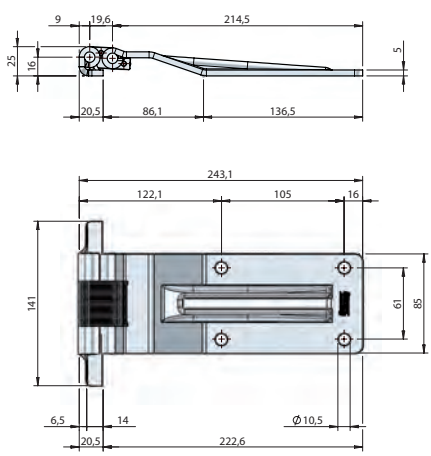


Charnière latérale très robuste avec passage de joint de 7 mm d'épaisseur max. Pour portes de grandes dimensions. Version avec axe démontable sans graisseur.
Heavy duty side hinges for large doors. Designed for over-seal application up to thickness 7 mm. Version with removable pin, without grease nipple.

Référence *Reference*	Kg	Finition *Finish*
10050613B	0.885	Acier inoxydable *Stainless steel*

Acier zingué / *Zinc plated steel*

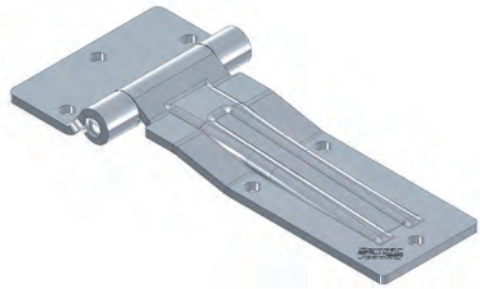


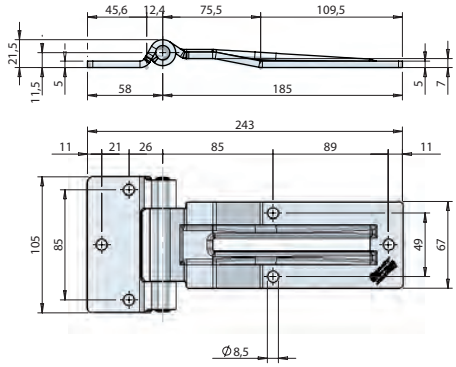


Charnière acier zingué, partie centrale et axes inox.
Zinc plated bold-on hinge, with stainless steel pins and central part.

Référence *Reference*	Kg	Finition *Finish*
083005450	1,165	Acier zingué *Zinc plated*

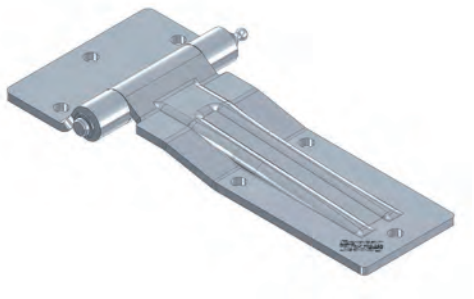
Acier zingué / *Zinc plated steel*

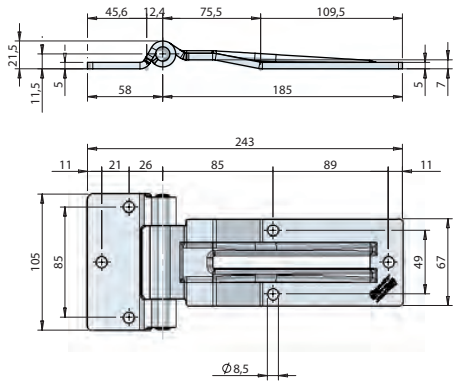




Charnière latérale très robuste avec passage de joint de 7 mm d'épaisseur max., pour portes de grandes dimensions.
Heavy duty side hinge for large doors. Designed for over-seal application up to thickness 7 mm.

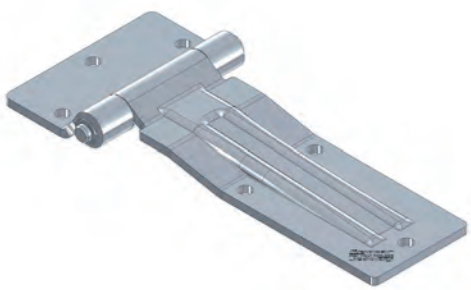
Référence *Reference*	Kg	Finition *Finish*
10090614A	0.874	Acier zingué *Zinc plated*

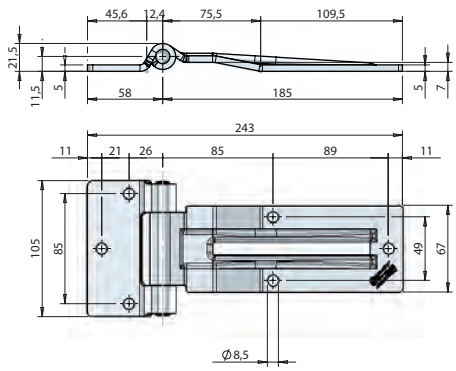




Charnière latérale très robuste avec passage de joint de 7 mm d'épaisseur max., pour portes de grandes dimensions. Version démontable avec graisseur. Axe de rotation en inox.
Heavy duty side hinge for large doors. Designed for over-seal application up to thickness 7 mm. Version with lubricating pin, removable. With stainless steel hinge pin.

Référence *Reference*	Kg	Finition *Finish*
100906140	0.870	Acier zingué *Zinc plated*

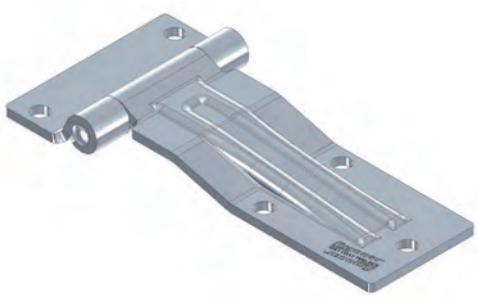


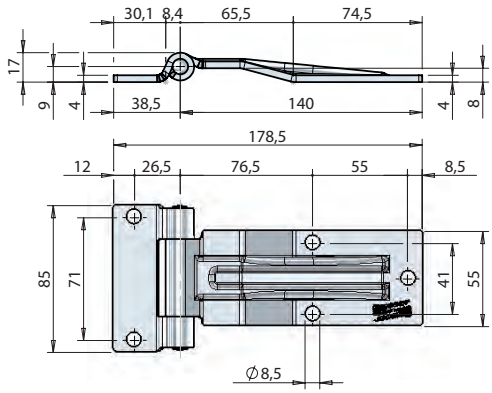


Charnière latérale très robuste avec passage de joint de 7 mm d'épaisseur max., pour portes de grandes dimensions. Version avec axe démontable sans graisseur. Axe de rotation en inox.
Heavy duty side hinges for large doors. Designed for over-seal application up to thickness 7 mm clearance. Version with removable pin, without grease nipple. With stainless steel hinge pin.

Référence *Reference*	Kg	Finition *Finish*
10090614B	0.885	Acier zingué *Zinc plated*

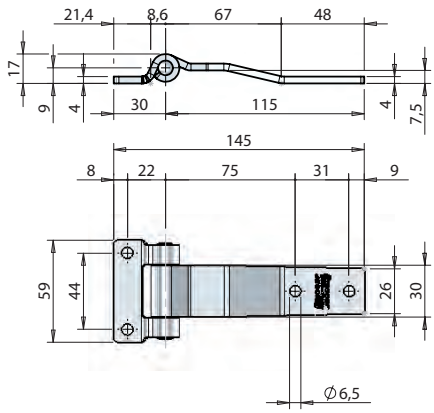
Acier zingué / *Zinc plated steel*





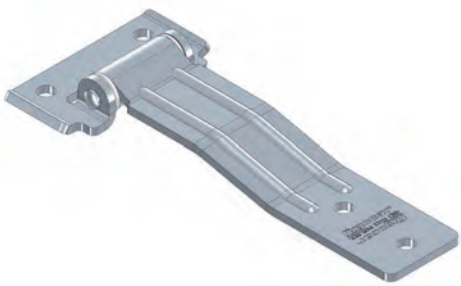
Charnière latérale avec passage de joint de 7 mm d'épaisseur max., pour portes de moyennes dimensions. Axe de rotation en inox.
Heavy duty side door hinge for large doors. Designed for over-seal applications up to thickness 7 mm. Clearance. With stainless steel hinge pin.

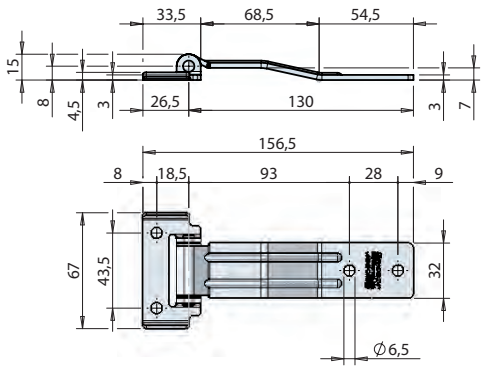
Référence *Reference*	Kg	Finition *Finish*
100906300	0.414	Acier zingué *Zinc plated*



Charnière latérale pour portes de petites dimensions, avec passage de joints ou profils jusqu'à 7 mm. Axe de rotation en inox.
Hinge, for light duty applications but very robust; designed for over-seal application up to thickness 7 mm. With stainless steel hinge pin.

Référence *Reference*	Kg	Finition *Finish*
102006320	0.205	Acier zingué *Zinc plated*

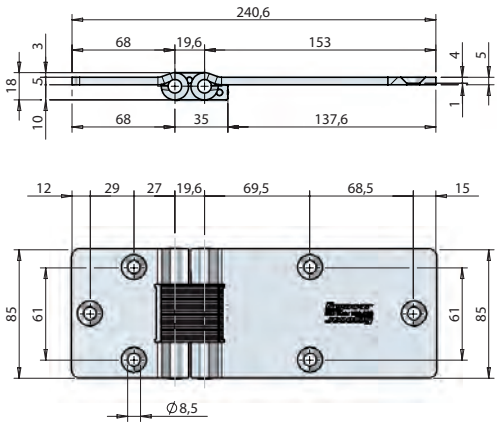




Charnière de petites dimensions, pour applications légères, avec passage de joint de 7 mm d'épaisseur max. Axe de rotation en inox.
Small side hinge for small doors. Designed for over-seal applications up to 7 mm thickness. With stainless steel hinge pin.

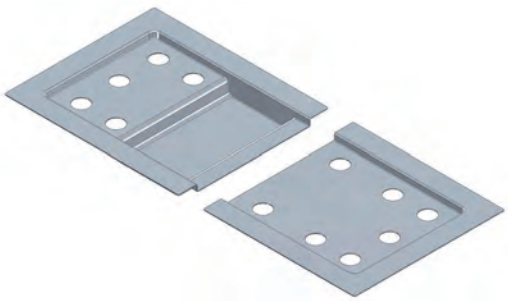
Référence *Reference*	Kg	Finition *Finish*
102006160	0.160	Acier zingué *Zinc plated*

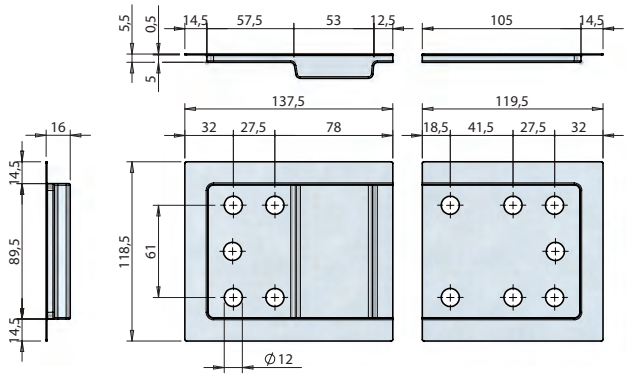
Acier inoxydable / *Stainless steel*



Charnière double articulation, à encastrer pour portes latérales isothermes. Permet une étanchéité parfaite sans aucun pont thermique. Agrément douanier grâce aux axes non démontables.
Double knuckle recessed hinge for insulated vehicles. Excellent sealing, no thermal seepage. Non removable pins for customs security.

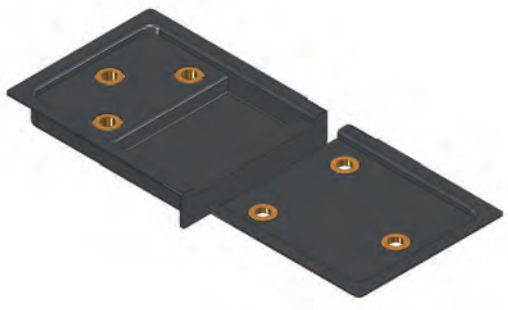
Référence *Reference*	Kg	Finition *Finish*
100506120	1.038	Acier inoxydable *Stainless steel*

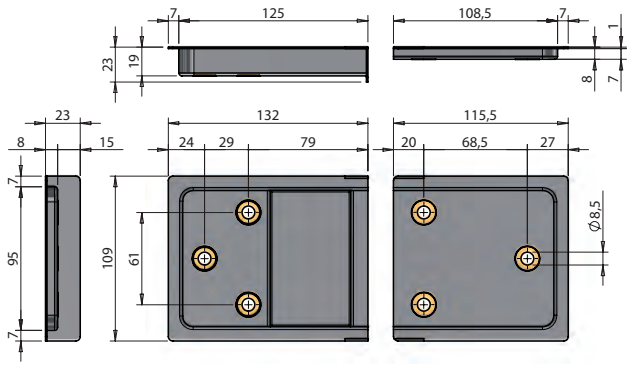




Paire de cuvettes, pour une finition parfaite de l'empreinte.
Set of backplates to recess the hinge.

Référence *Reference*	Kg	Finition *Finish*
100506270	0.120	Acier inoxydable *Stainless steel*

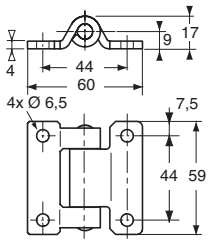




Paire de cuvettes en plastique avec douilles de fixation en laiton, pour une finition parfaite de l'empreinte de moulage.
Set of backplates with brass bushes to recess the hinge.

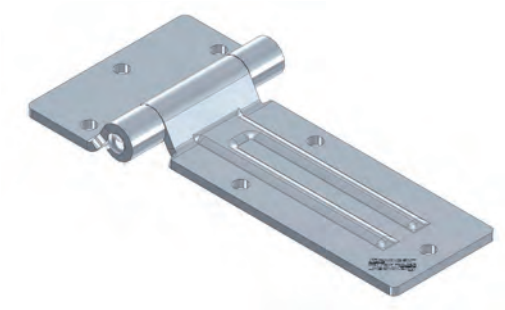
Référence *Reference*	Kg	Finition *Finish*
100510482	0.220	Plastique *Plastic*

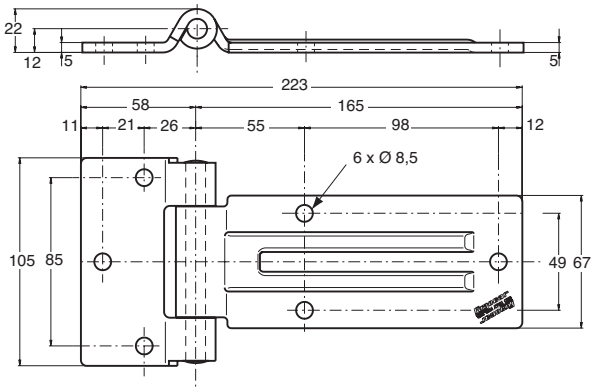
Acier inoxydable / *Stainless steel*



Charnières inox brillanté.
Polished stainless steel hinge.

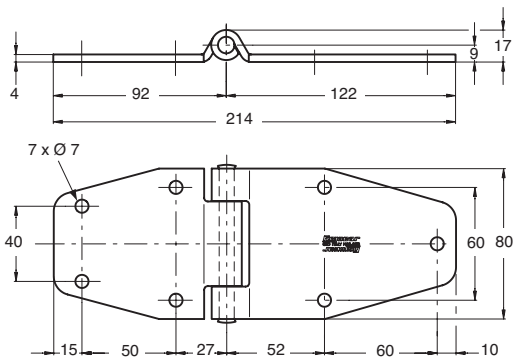
Référence *Reference*	Kg
102006331	0,148





Charnières inox brillanté.
Polished stainless steel hinge.

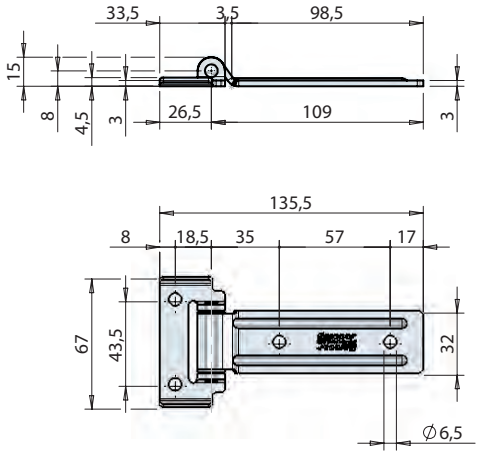
Référence *Reference*	Kg
10150619A	0,825



Charnières inox brillanté.
Polished stainless steel hinges.

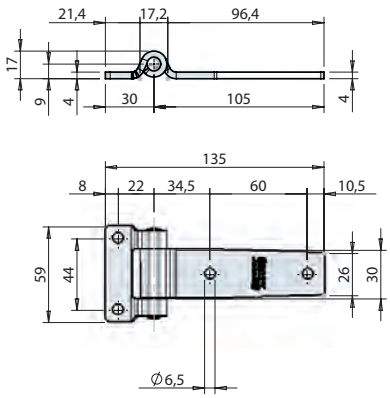
Référence *Reference*	Kg
101506350	0,63

Acier inoxydable / *Stainless steel*



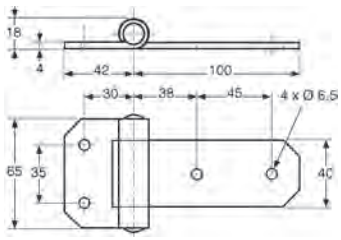
Charnières inox brillanté.
Polished stainless steel hinges.

Référence *Reference*	Kg
102006170	0,14



Charnières inox brillanté.
Polished stainless steel hinges.

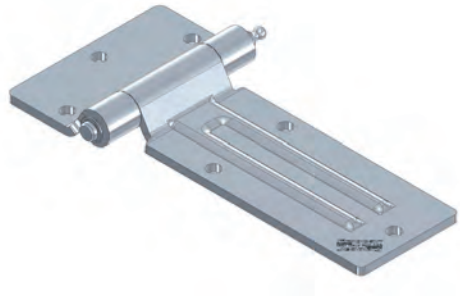
Référence *Reference*	Kg
102006330	0,195

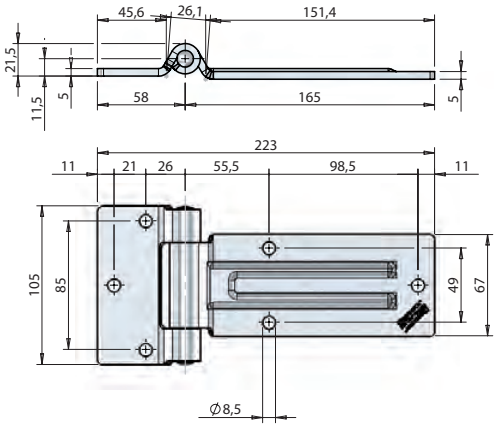


Charnières inox brillanté.
Polished stainless steel hinges.

Référence *Reference*	Kg
2704506	0,3

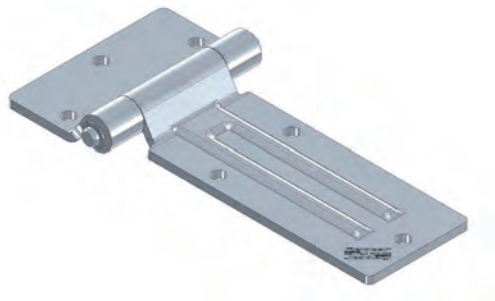
Acier inoxydable / *Stainless steel*

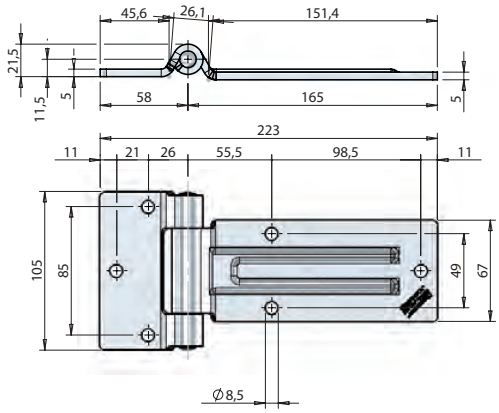




Charnière latérale plane, pour portes de grandes dimensions avec axe démontable et graisseur.
Heavy duty flat side door hinge for large doors. Removable self-greasing pin.

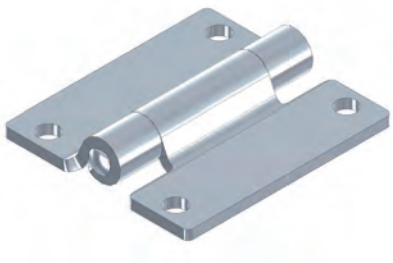
Référence *Reference*	Kg	Finition *Finish*
101506190	0.830	Acier inoxydable *Stainless steel*

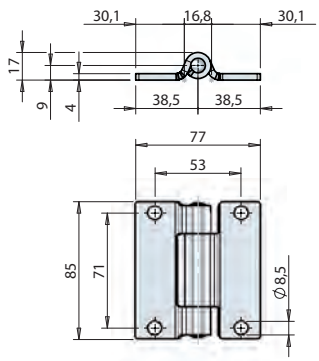




Charnière latérale plane, pour portes de grandes dimensions avec axe démontable, sans graisseur.
Flat side door hinge for medium to large doors. Removable non self-greasing pin.

Référence *Reference*	Kg	Finition *Finish*
10150619B	0.825	Acier inoxydable *Stainless steel*

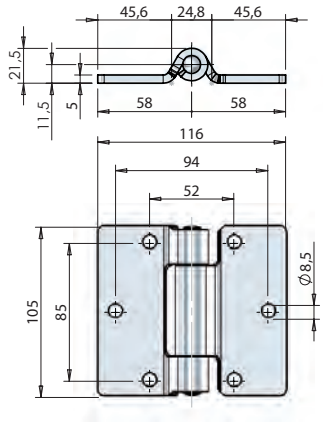




Charnière latérale plane, pour portes de moyennes dimensions, idéale pour applications diverses.
Heavy duty flat side door hinge for medium sized doors. Designed for various applications.

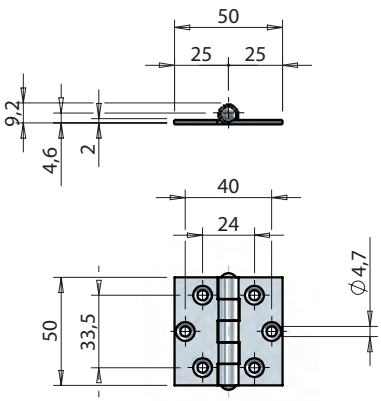
Référence *Reference*	Kg	Finition *Finish*
100511075	0.278	Acier inoxydable *Stainless steel*

Acier inoxydable / *Stainless steel*



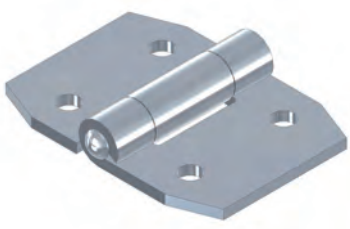
Charnière latérale plane, très robuste pour portes de grandes dimensions, idéale pour applications diverses.
Heavy duty flat side door hinge for large doors. Designed for various applications

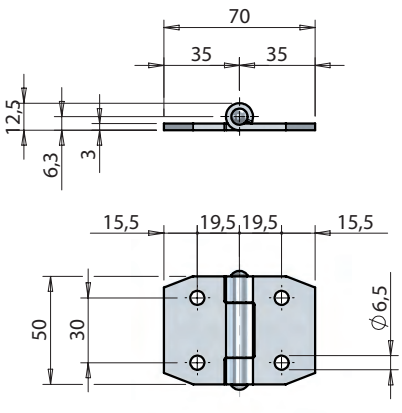
Référence *Reference*	Kg	Finition *Finish*
100511073	0.620	Acier inoxydable *Stainless steel*



Charnière à noeuds, pour applications diverses. Dimension 50 x 50 x 2 mm.
Butt hinge for various applications. Dimensions 50 x 50 x 2 mm.

Référence *Reference*	Kg	Finition *Finish*
102106230	0.055	Acier inoxydable *Stainless steel*

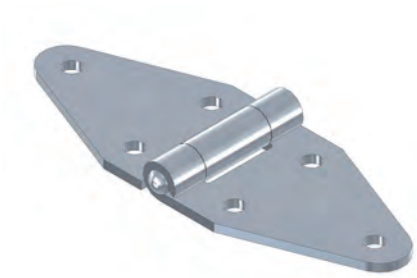


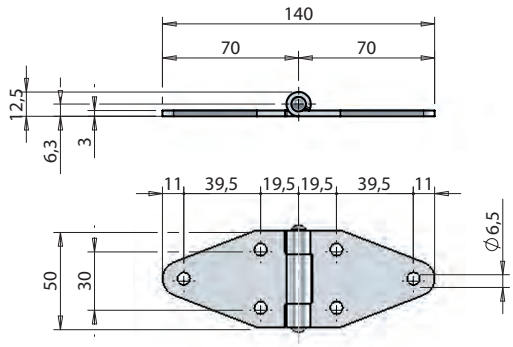


Charnière à noeuds, pour applications diverses. Dimension 50 x 70 x 3 mm.
Butt hinge for various applications. Dimensions 50 x 70 x 3 mm.

Référence *Reference*	Kg	Finition *Finish*
102110379	0.110	Acier inoxydable *Stainless steel*

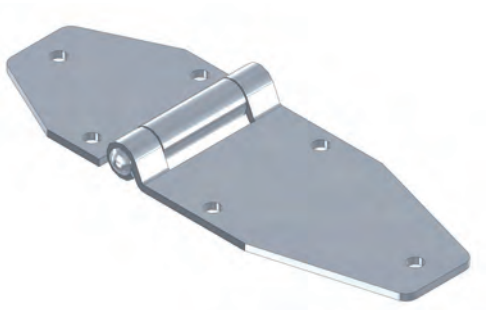
Acier inoxydable / *Stainless steel*

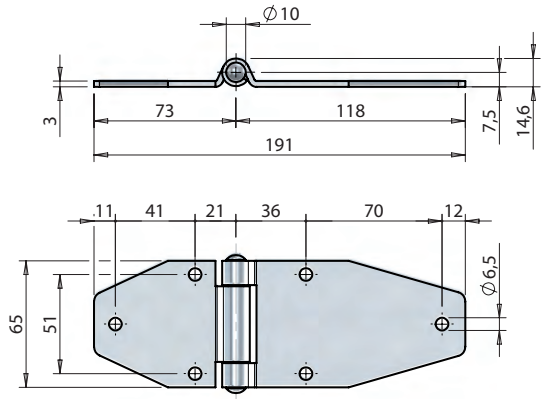




Charnière à noeuds, pour applications diverses. Dimension 50 x 140 x 3 mm.
Butt hinge for various applications. Dimensions 50 x 140 x 3 mm.

Référence *Reference*	Kg	Finition *Finish*
102110378	0.150	Acier inoxydable *Stainless steel*

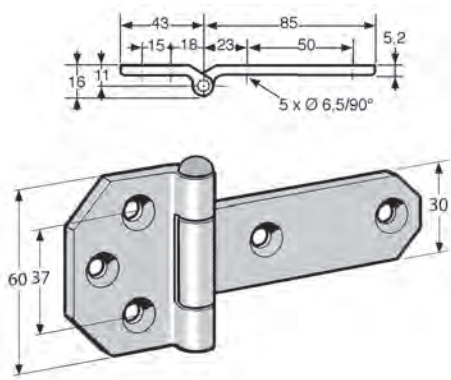




Charnière pour applications diverses. Dimension 65 x 190 x 3 mm.
Butt hinge for various applications. Dimensions 65 x 190 x 3 mm.

Référence *Reference*	Kg	Finition *Finish*
102510376	0.298	Acier inoxydable *Stainless steel*

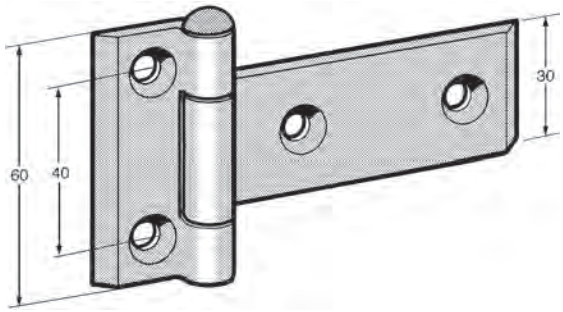
Acier zingué / *Zinc plated steel*

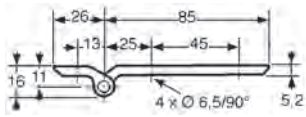


Charnière acier zingué.
Zinc plated steel hinge.

Référence *Reference*	Kg
2644381ZI	0,26

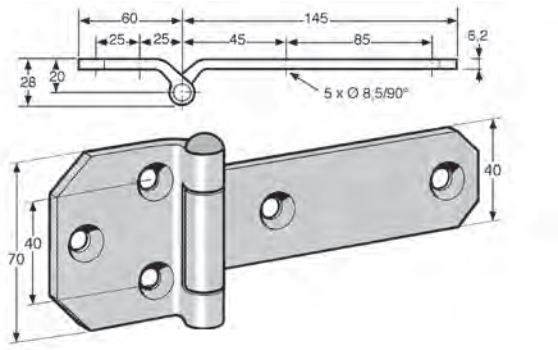
Acier zingué / *Zinc plated steel*





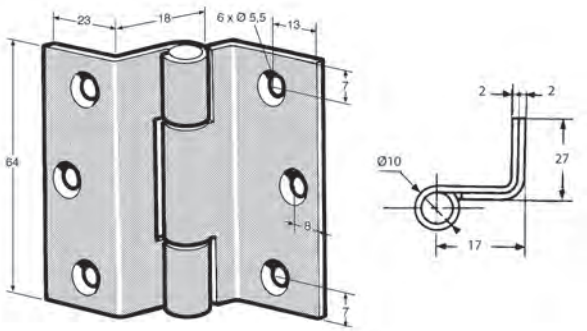
Charnière acier zingué.
Zinc plated steel hinge.

Référence *Reference*	Kg
2644382ZI	0,2



Charnière acier zingué.
Zinc plated steel hinge.

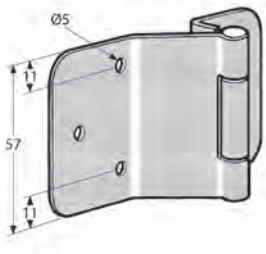
Référence *Reference*	Kg
2644383ZI	0,52

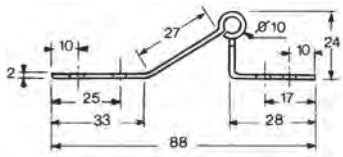


Charnière acier zingué, axe aluminium.
Zinc plated steel hinge, aluminium pin.

Référence *Reference*	Kg
2637598	0,095

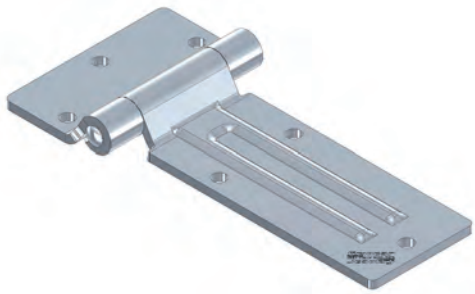
Acier zingué / *Zinc plated steel*

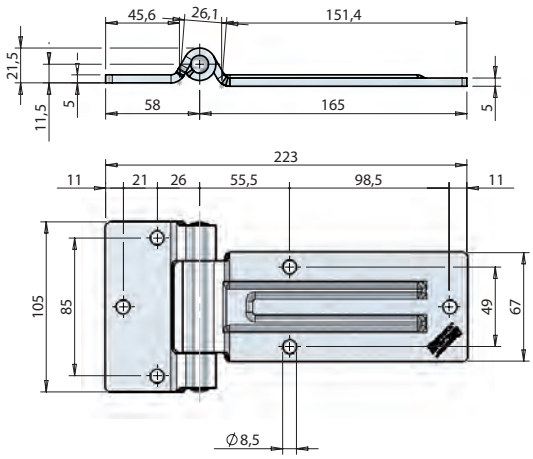




Charnière acier zingué, axe aluminium.
Zinc plated steel hinge, aluminium pin.

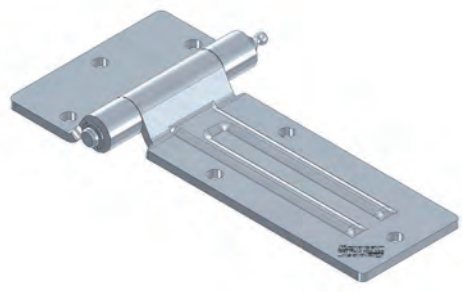
Référence *Reference*	Kg
2637603	0,11

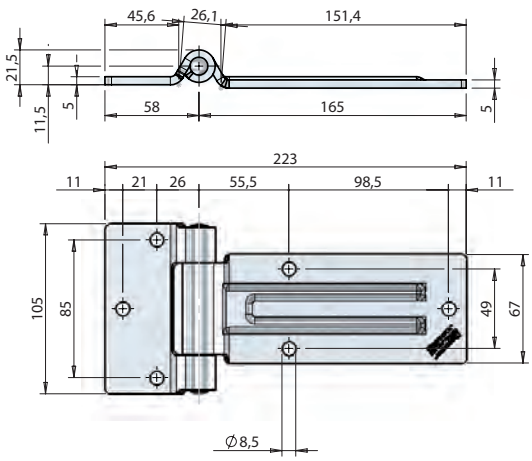




Charnière latérale plane, pour portes de grandes dimensions. Axe de rotation en inox.
Flat side door hinge for large doors. With stainless steel hinge pin.

Référence *Reference*	Kg	Finition *Finish*
10180620A	0.780	Acier zingué *Zinc plated*

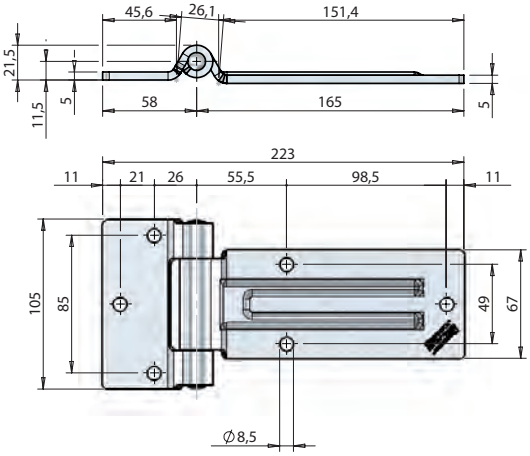




Charnière latérale plane, pour portes de grandes dimensions avec axe démontable et graisseur. Axe de rotation en inox.
Heavy duty flat side door hinge for large doors. Removable self-greasing pin. With stainless steel hinge pin.

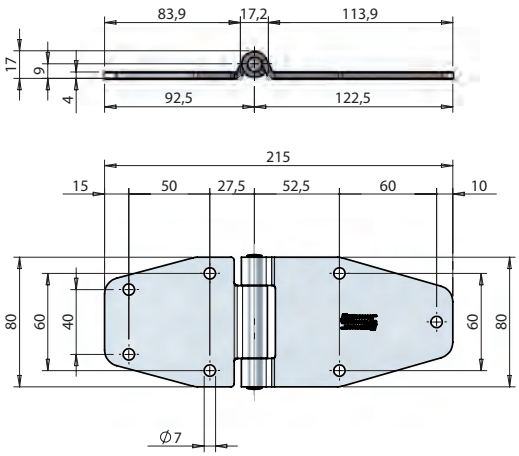
Référence *Reference*	Kg	Finition *Finish*
101806200	0.812	Acier zingué *Zinc plated*

Acier zingué / *Zinc plated steel*



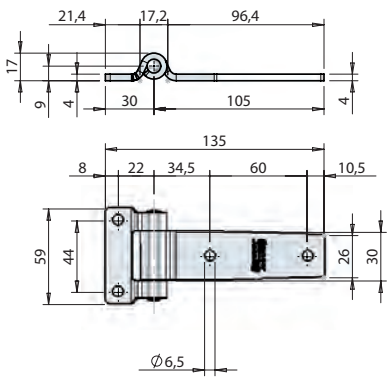
Charnière latérale plane, pour portes de grandes dimensions avec axe démontable, sans graisseur. Axe de rotation en inox.
Flat side door hinge for medium to large doors. Removable non self-greasing pin. With stainless steel hinge pin.

Référence *Reference*	Kg	Finition *Finish*
10180620B	0.825	Acier zingué *Zinc plated*



Charnière latérale plane, pour portes des moyennes dimensions pour applications diverses. Axe de rotation en inox.
Heavy duty side flat hinge for medium doors. Designed for various applications. With stainless steel hinge pin.

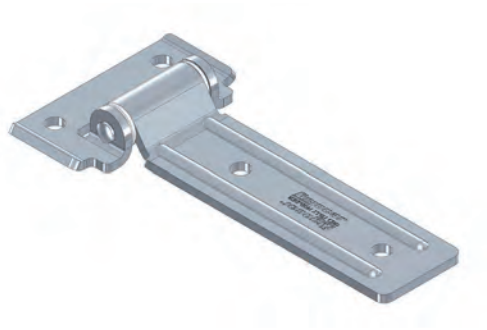
Référence *Reference*	Kg	Finition *Finish*
101806360	0.530	Acier zingué *Zinc plated*

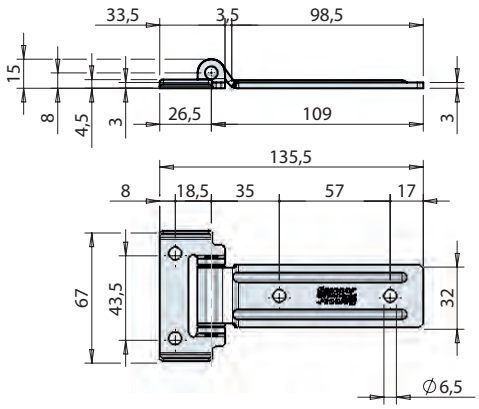


Charnière plane pour portes de petites dimensions. Axe de rotation en inox.
Flat side hinge for small doors.

Référence *Reference*	Kg	Finition *Finish*
102006340	0.200	Acier zingué *Zinc plated*

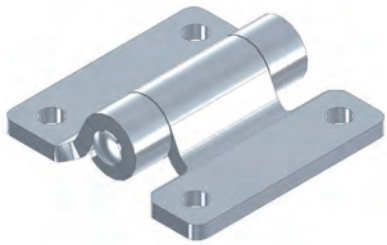
Acier zingué / *Zinc plated steel*

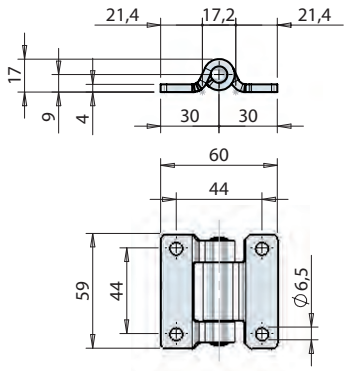




Charnière plane, pour applications légères. Axe de rotation en inox.
Flat side hinge for small doors. With stainless steel hinge pin.

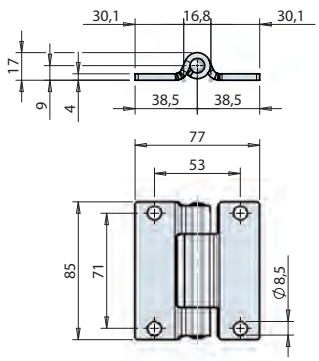
Référence *Reference*	Kg	Finition *Finish*
102006180	0.145	Acier zingué *Zinc plated*





Charnière latérale très robuste pour applications diverses. Axe de rotation en inox.
Heavy duty flat side hinge for small doors. Designed for various applications. With stainless steel hinge pin.

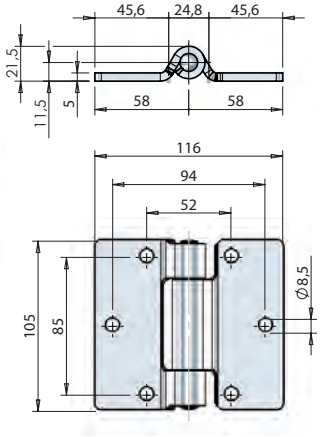
Référence *Reference*	Kg	Finition *Finish*
102006341	0.145	Acier zingué *Zinc plated*



Charnière latérale plane, pour portes de moyennes dimensions, idéale pour applications diverses. Axe de rotation en inox.
Heavy duty flat side door hinge for medium sized doors. Designed for various applications. With stainless steel pin.

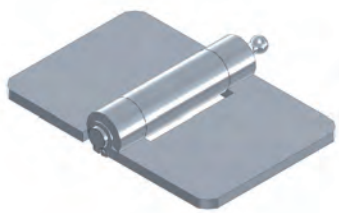
Référence *Reference*	Kg	Finition *Finish*
100911076	0.278	Acier zingué *Zinc plated*

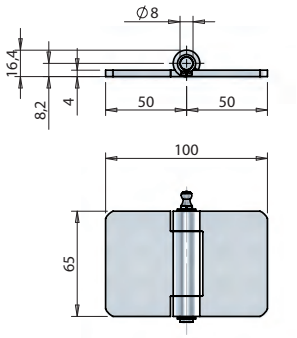
Acier zingué / *Zinc plated steel*



Charnière latérale plane, très robuste pour portes de grandes dimensions, idéale pour applications diverses. Axe de rotation en inox.
Heavy duty flat side door hinge for large doors. Designed for various applications. With stainless steel pin.

Référence *Reference*	Kg	Finition *Finish*
100911074	0.620	Acier zingué *Zinc plated*

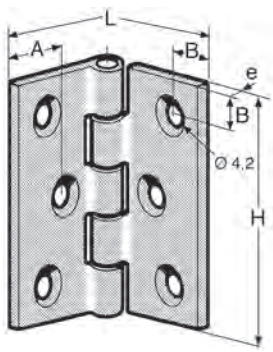




Charnière à noeuds avec graisseur, pour applications diverses. Dimension 65 x 100 x 4 mm.
Butt hinge with grease nipple for various applications. Dimensions 65 x 100 x 4 mm.

Référence *Reference*	Kg	Finition *Finish*
102110380	0.260	Acier zingué *Zinc plated*

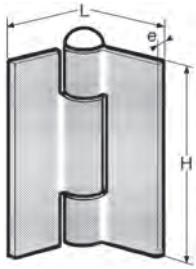
Laiton / *Brass*



Charnière laiton, percée avec axe inox.
Brass hinge with fixing holes and stainless steel pin.

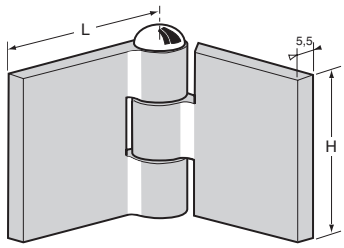
Référence *Reference*	Kg	A (mm)	B (mm)	L (mm)	H (mm)	e (mm)	Ø Nœud *Ø Eye*
2637992KK	0,08	15	8	60	60	3	7
2637993JJ	0,05	12	7	50	50	2,5	6

Acier brut / *Self colour steel*



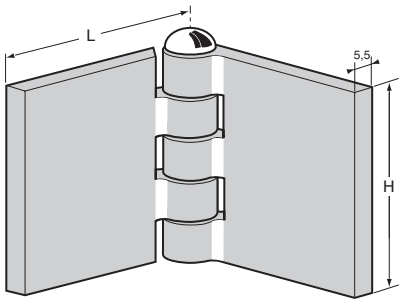
Charnière tôle acier brut.
Self colour steel lift-off hinge.

Référence *Reference*	Kg	L (mm)	H (mm)	e (mm)	Ø Nœud *Ø Eye*
2637990JJ	0,062	50	50	2	11
2637990LL	0,11	70	70	2	11



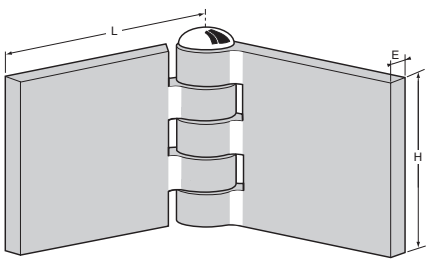
Charnières 3 noeuds de 12 mm, axe plein en laiton.
Hinge, 3 knuckle, 12 mm, brass axle.

Référence *Reference*	Kg	L (mm)	H (mm)	C
2603798FF	0,1	30	30	100
2603798FH	0,112	40	30	100
2603798FK	0,152	60	30	100
2603798HH	0,155	40	40	100
2603798HK	0,2	60	40	50
2603798HN	0,305	90	40	50



Charnières 5 noeuds de 12 mm, axe plein en laiton.
Hinge, 5 knuckle, 12 mm, brass axle.

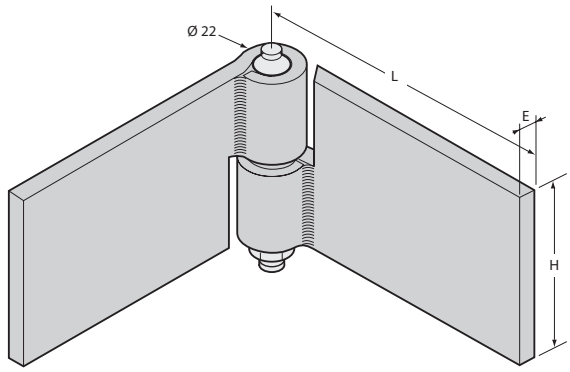
Référence *Reference*	Kg	L (mm)	H (mm)	C
2603798JD	0,11	22,5	50	100
2603798JH	0,19	40	50	50
2603798JJ	0,22	50	50	50
2603798JK	0,265	60	50	50
2603798KK	0,315	60	60	50
2603798KN	0,455	90	60	30
2603798MK	0,425	60	80	50
2603798MM	0,61	80	80	25



Charnière à 5 noeuds.
Knot hinge.

Référence *Reference*	Kg	E (mm)	L (mm)	H (mm)	C	Ø Nœud *Ø Eye*	Axe *Axis*	Nœud *Knots*
2603799KK	0,41	6	62	60	50	16	Laiton *Brass*	5
2603799LS	0,82	6	120	70	25	15	Laiton *Brass*	5
2603799MM	0,63	6	80	80	25	15	Laiton *Brass*	5

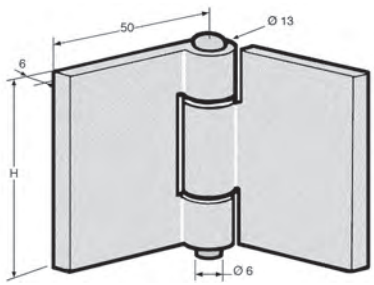
Acier brut / *Self colour steel*



Charnières à rotule, acier brut, le visuel représente le côté droit.
Knuckle hinges, self colour steel, the image represents the righthand side.

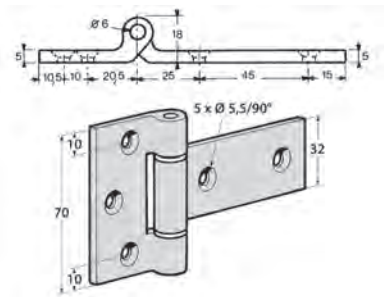
Référence *Reference*	Kg	E (mm)	L (mm)	H (mm)	Côté *Hand*
2603801LD	0,81	6	100	70	Droit (e) *Right*
2603801LG	0,81	6	100	70	Gauche *Left*

Aluminium / *Aluminium*



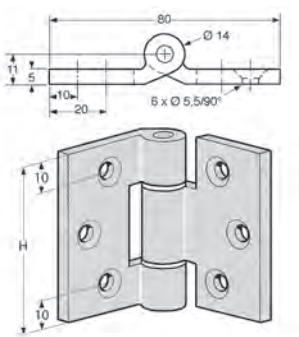
Charnière aluminium avec bagues plastique et axe acier zingué.
Aluminium hinge with plastic bushes and zinc plated steel pin.

Référence *Reference*	Kg	H (mm)
2737989	0,15	80
2737998	0,095	50



Charnière en aluminium anodisé, avec rondelles plastique et axe acier inox.
Anodized aluminium hinge with plastic washers and stainless steel pin.

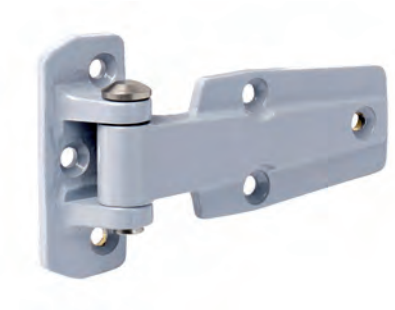
Référence *Reference*	Kg
2737999	0,102

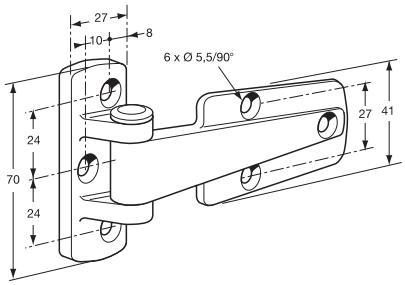


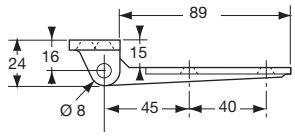
Charnière aluminium anodisé avec bagues plastique et axe acier zingué.
Anodized aluminium hinge with plastic bushes and zinc plated steel pin.

Référence *Reference*	Kg	H (mm)
2738000	0,09	60
2738001	0,11	80

Aluminium / *Aluminium*

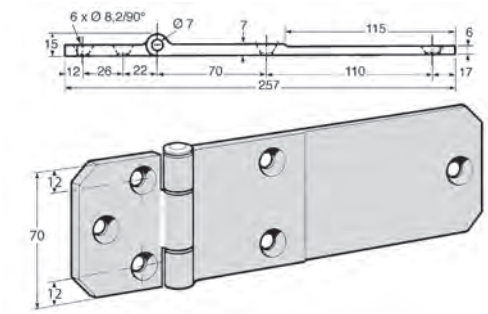






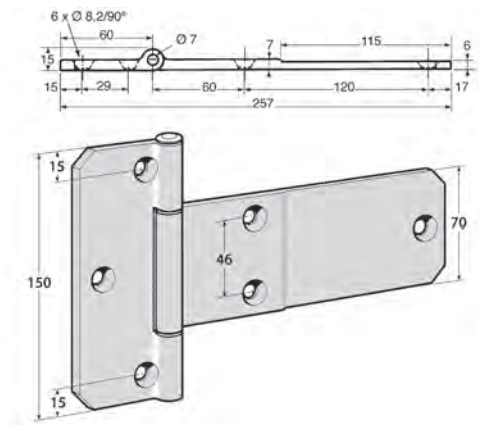
Charnière en bronze d'aluminium, époxy gris, axe inox.
Die-cast aluminium hinge, grey epoxy finish, stainless steel pin.

Référence *Reference*	Kg
2744394	0,25



Charnière en aluminium anodisé, avec axe inox et bagues nylon.
Anodized aluminium hinge,with stainless steel pin and nylon bushes.

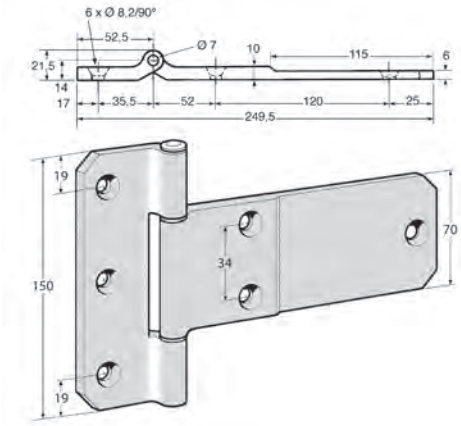
Référence *Reference*	Kg
2744389	0,44



Charnière en aluminium anodisé, avec axe inox et bagues nylon.
Anodized aluminium hinge,with stainless steel pin and nylon bushes.

Référence *Reference*	Kg
2744399PF	0,465

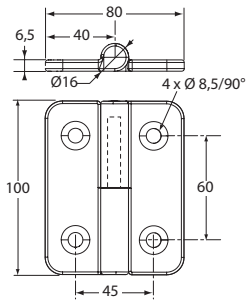
Aluminium / *Aluminium*



Charnière en aluminium anodisé, avec axe inox et bagues nylon.
Anodized aluminium hinge,with stainless steel pin and nylon bushes.

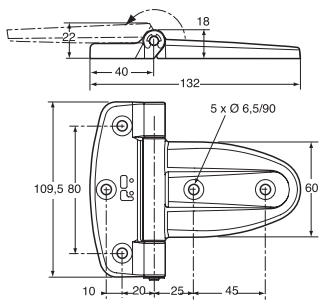
Référence *Reference*	Kg
2744398	0,555

Plastique / *Plastic*



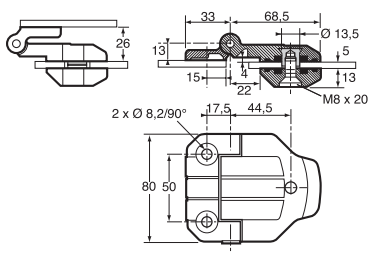
Charnière en plastique noir avec axe inox, le visuel représente le côté droit.
Hinge, black plastic, with stainless steel pin, the image represents the righthand side.

Référence *Reference*	Kg	Côté *Hand*
2704432DR	0,085	Droit (e) *Right*
2704432GA	0,085	Gauche *Left*



Charnière plastique noir.
Hinge, black plastic.

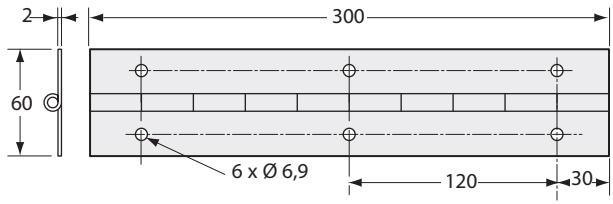
Référence *Reference*	Kg
2704431	0,1



Charnière de pare-brise, plastique noir.
Windscreen hinge, black plastic.

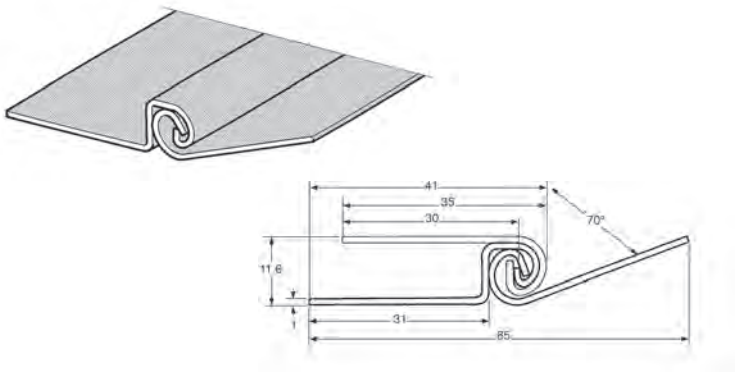
Référence *Reference*	Kg
2704430	0,145

Acier inoxydable / *Stainless steel*



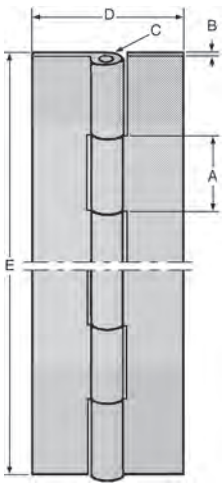
Charnière inox.
Stainless steel hinge.

Référence *Reference*	Kg	Longueur *Length*
2637136	0,420	300 mm



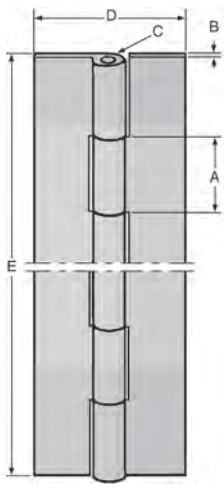
Charnière de 30 x 30, inox brut, longueur 4 m 0 / +50 mm.
Continuous stainless steel hinge 30 x 30, lenght 4 m 0 / +50 mm.

Référence *Reference*	Kg
2603723	0,75



Charnière simple feuille inox, noeud roulé, non percée.
Rolled stainless steel continuous hinge, without holes.

Référence *Reference*	Kg	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	Axe *Axis*
2637131	1,4	15	1,5	4	40	2040	Inox *Stainless steel*
2637132	1,31	30	1,2	3	50	2000	Inox *Stainless steel*
2637133	2,8	30	2	6	60	2040	Inox *Stainless steel*
2637134	3,14	30	2	6	70	2000	Inox *Stainless steel*
2637135	5	40	3	6	80	2000	Inox *Stainless steel*

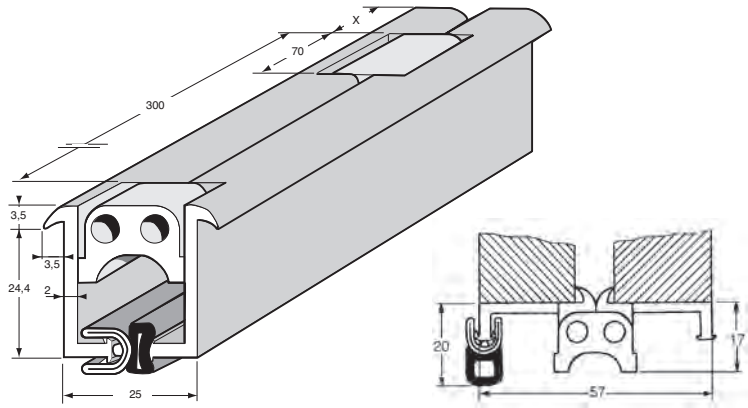


Charnière simple feuille acier, noeud roulé, non percée.
Rolled continuous steel hinge without holes.

Référence *Reference*	Kg	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	Axe *Axis*
2603709	1,4	15	1,5	4	40	2040	Acier *Steel*
2603710	1,3	30	1,2	3	50	2040	Acier *Steel*
2637120	1,98	40	1,5	5	60	2000	Acier *Steel*

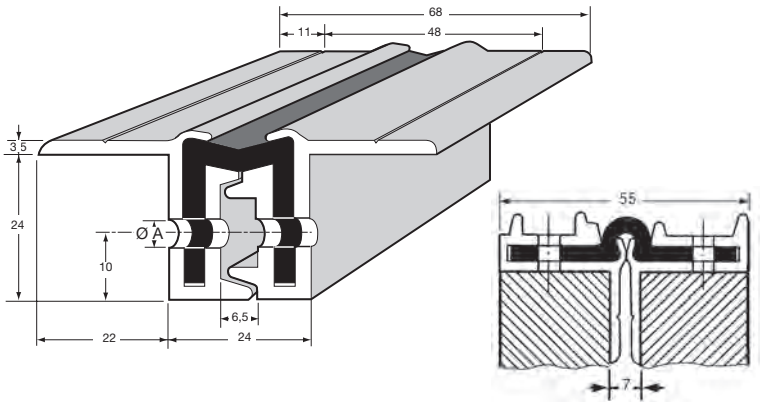
Sans saillie / *Flush*

La matière plastique employée est d'une haute résistance élastique, d'une excellente tenue à l'usure, aux intempéries (- 40° à + 80° C) et au vieillissement. La charnière posée d'un seul tenant sur la longueur de la porte fait office de joint par l'intermédiaire du profilé plastique et remplit aussi bien sa fonction en position horizontale que verticale. Elle est livrée en position ouverte pour faciliter le montage, ne retirer les cales qu'une fois celui-ci terminé.
High tensile strength plastic hinge, highly resistant to wear, weather conditions (- 40° to + 80°C) and use.This hinge is secured on the whole length of the door and makes a tight seal with its plastic section. It can be installed either horizontally or vertically. The hinge is delivered semi-open to make easier installation. Remove the blocks only after installation.



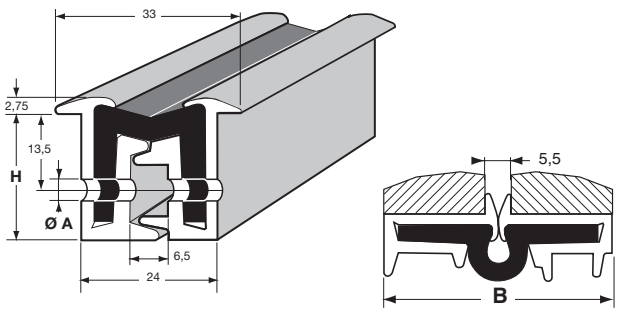
Charnière de porte sans saillie avec joint d'étanchéité, ouverture de 180°.
Aluminium continuous hinge with seal, 180° opening.

Référence *Reference*	Kg	X	Longueur *Length*
2744400	2,5	65	2 m
2744401	3,2	15	2,5 m
2744402	3,75	115	3 m



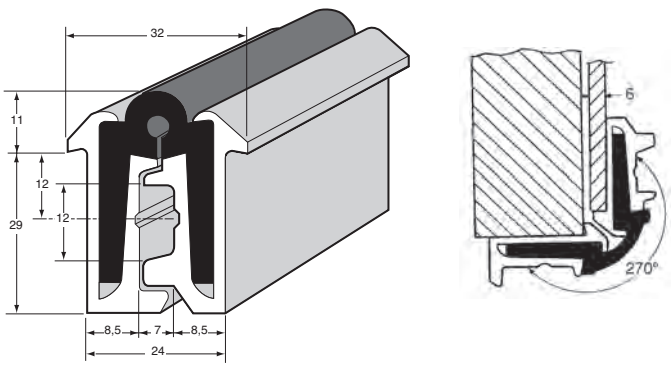
Charnière de porte sans saillie ouverture 180°.
Aluminium continuous hinge, 180° opening.

Référence *Reference*	Kg	Ø A	Longueur *Length*	Entraxe *Center Dist*
2744411	3,3	4	2,4 m	100
2744412	4,4	5,2	3,25 m	100



Charnière de porte sans saillie ouverture 180°.
Aluminium continuous hinge, 180° opening.

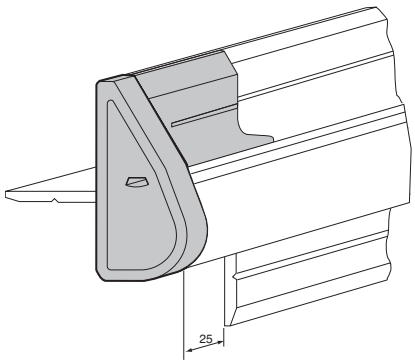
Référence *Reference*	Kg	B (mm)	Ø A	Longueur *Length*	H (mm)	Entraxe *Center Dist*
2744424	2,1	49,5	4	2 m	22	100
2744425	2,55	49,5	4	2,4 m	22	100

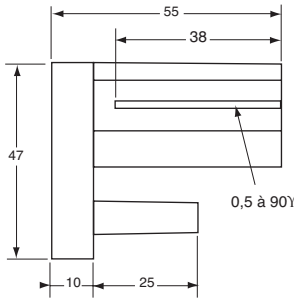


Charnière de porte sans saillie ouverture 270°.
Aluminium continuous hinge, 270° opening.

Référence *Reference*	Kg	Longueur *Length*	Entraxe *Center Dist*	Perçage *Hole*
2744428	3,75	2,5 m	200	5
2744429	4,7	3 m	200	5

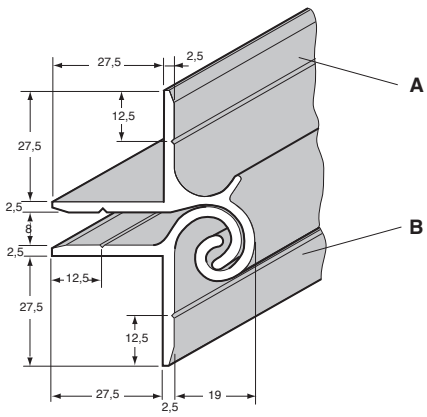
Aluminium / *Aluminium*

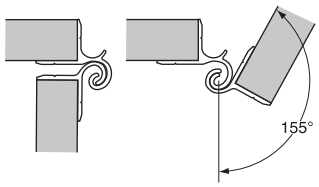




Butée aluminium, peinture polyester grise, pour 1636731/761, le visuel représente le côté gauche.
Aluminium end stop RH, grey polyester coated, for 1636731/761, the image represents the lefthand side.

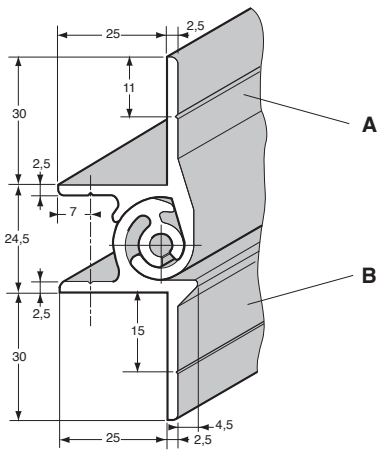
Référence *Reference*	Kg	Pour *For*	Côté *Hand*
1636731DR	0,035	1636731 1636761	Droit (e) *Right*
1636731GA	0,035	1636731 1636761	Gauche *Left*

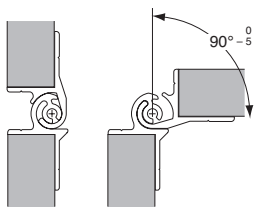




Charnière profils aluminium anodisé.
Anodized aluminium hinge profile.

Référence *Reference*	Longueur *Length*	Type *Type*
1636731	5 m	A
1636732	5 m	B
1636761	2,6 m	A
1636762	2,6 m	B

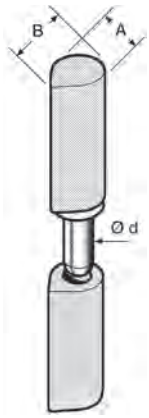




Charnière profils aluminium anodisé.
Anodized aluminium hinge profile.

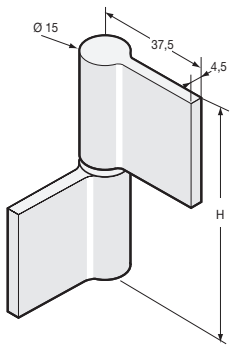
Référence *Reference*	Longueur *Length*	Type *Type*
1636747	5 m	B
1636748	5 m	A

Acier / *Steel*



Paumelle à souder, acier brut.
Self colour steel lift-off hinge, to weld.

Référence *Reference*	Kg	A (mm)	B (mm)	Ø d (mm)	Hauteur *Height*
2637997M	0,09	13	15	7	80
2637997P	0,12	16	20	9	100
2637997S	0,21	16	20	9	120

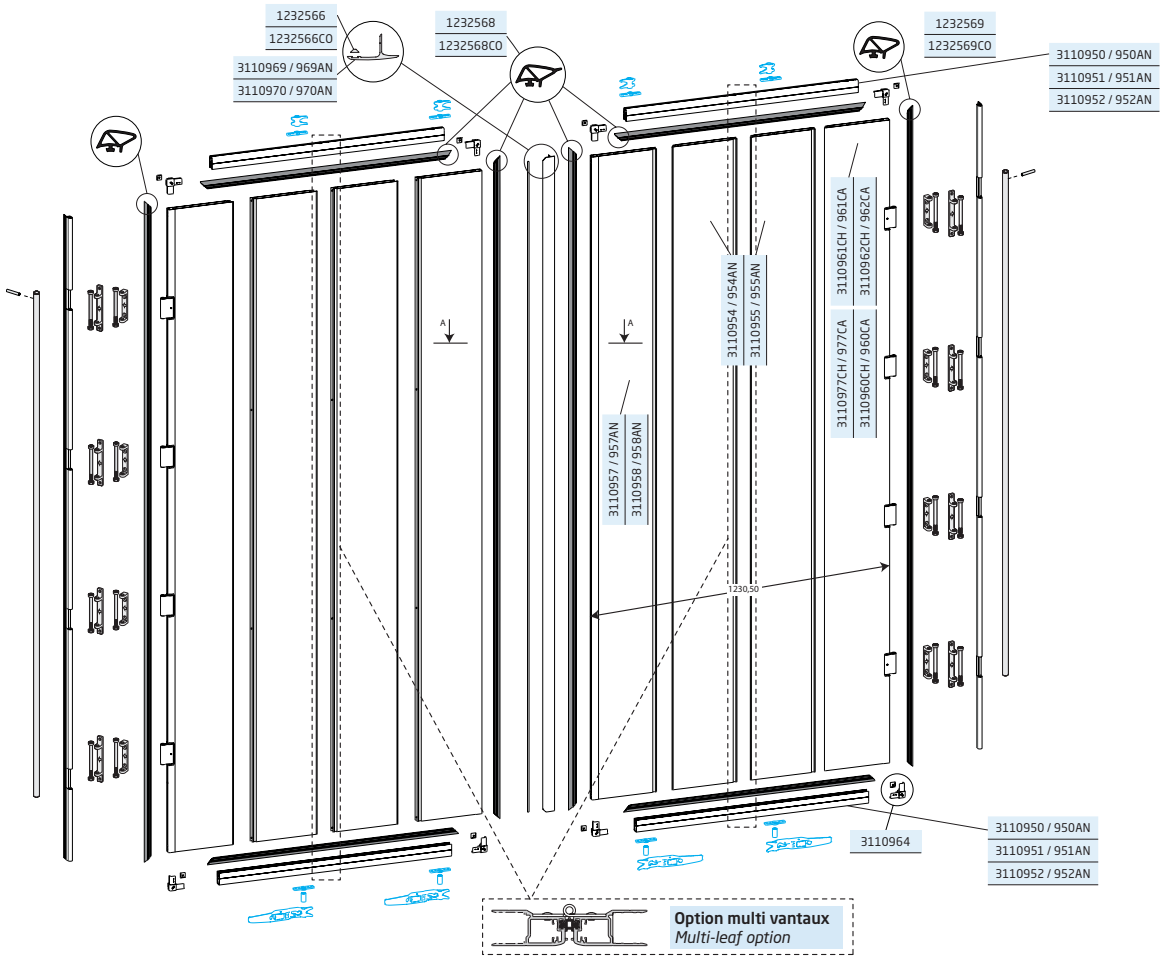


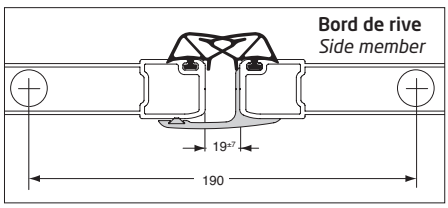
Paumelle acier brut.
Self colour steel lift-off hinge

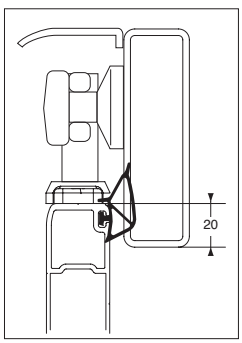
Référence *Reference*	Kg	H (mm)
2637999K	0,145	60
2637999M	0,2	80

Remplissage aluminium et panneau / *Aluminium and panel filling*

Remplissage aluminium / *Aluminium filling*

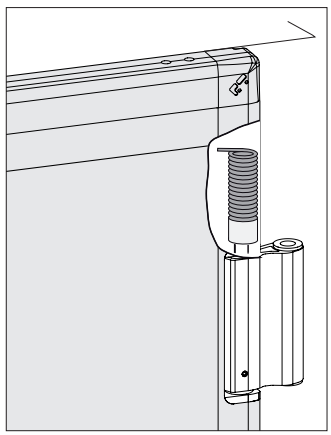




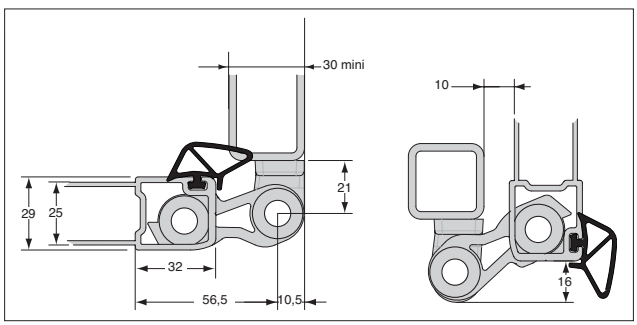


Le ressort placé dans le profil charnière donnent la priorité de rotation à l'axe côté poteau afin d'éviter toute détérioration du joint d'étanchéité de porte lors de l'ouverture et de la fermeture.

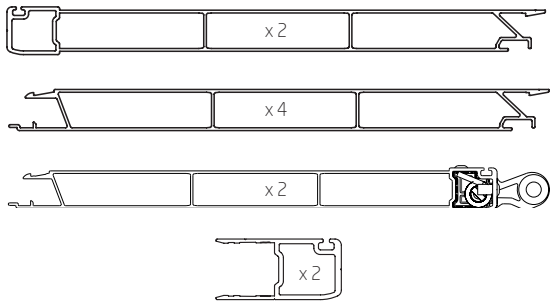
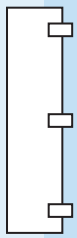
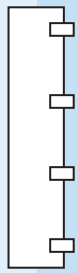
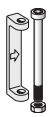
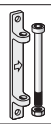
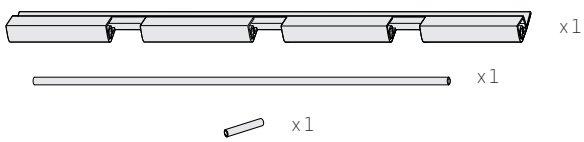
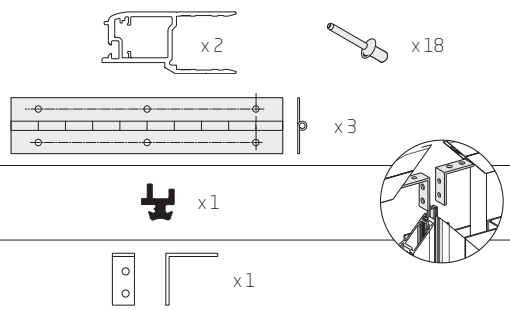
The spring positioned in the hinge section gives rotation priority to the post-side pin so as to avoid any damage to the door seal when opening and closing.



IMPORTANT : une cote de 190 mm minimum après recoupe devra être conservée en haut et en bas de la charnière pour protéger les ressorts.
N.B.: a minimum distance of 190 mm after cutting must be kept at the top and at the bottom of the hinge in order to protect the springs.



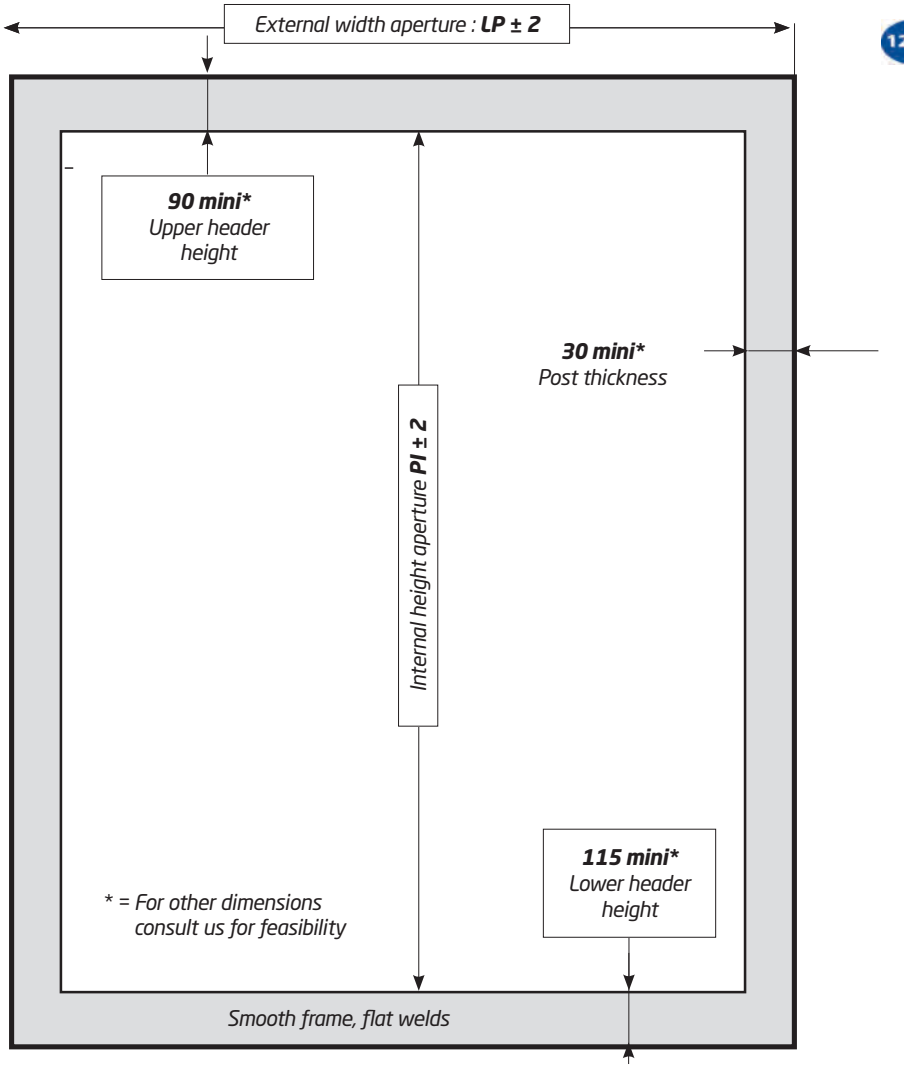
Remplissage aluminium / *Aluminium filling*

Désignation *Designation*	Composition *Composition*	Hauteur porte maxi *Height door max* 2,24 m	2,60 m	2,80 m	3,20 m
		Référence kit ou produit *Reference kit or product*			
Porte *Door*					
			Brut / *Raw*		
		3110977BR x 1	3110960BR x 1	3110961BR x 1	3110962BR x 1
			Anodisé / *Anodised*		
		3110977AN x 1	3110960AN x 1	3110961AN x 1	3110962AN x 1
Support *Support*	Acier à souder *Soldering steel*  x 1 — Flèche vers l'extérieur du véhicule *Arrow pointing towards the outside of the vehicle*		3110732		
			x 6		x 8
	ou / *or*				
	Acier à visser *Screw steel*  x 1 — Flèche vers l'extérieur du véhicule *Arrow pointing towards the outside of the vehicle*		3110731		
			x 6		x 8
	ou / *or*				
	Aluminium *Aluminium* 		Brut / *Raw*		
		3110978SC x 2	3110971SC x 2	3110972SC x 2	3110973SC x 2
			Anodisé / *Anodised*		
		3110978AN x 2	3110971AN x 2	3110972AN x 2	3110973AN x 2
Option multi-vantaux *Multi-leaf option*			Brut / *Raw* 3110976KB x 2		
			Anodisé / *Anodised* 3110976KA x 2		
			+ 1232561 x 1		
			+ 3110976EQ x 8		

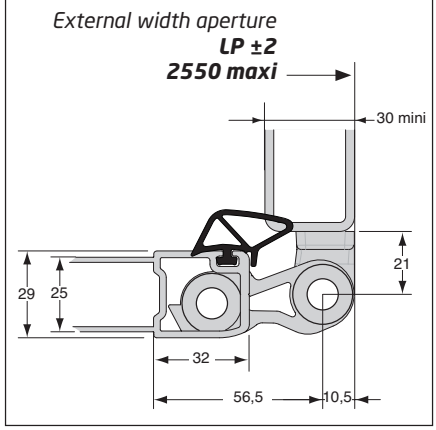
Cadre monté remplissage aluminium

Nous consulter pour faisabilité

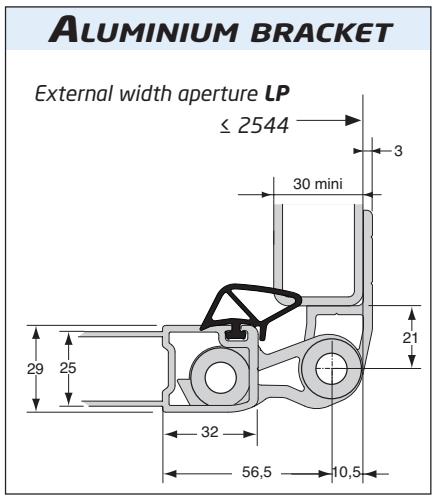
Complete flush door aluminium filling



WELD-ON BRACKET



ALUMINIUM BRACKET



Following "minimum / maximum" internal height apertures can be achieved:*

- 3 hinges profile :	*PI mini*	= ***1674***	*PI maxi*	*= 2654*
*- 4 hinges profile : Space **750***	*PI mini*	*= 2655*	*PI maxi*	*= 2789*
*- 4 hinges profile : Space **795***	*PI mini*	*= 2790*	*PI maxi*	*= 3160*
- External width aperture :	*LP max*	= ***2544***	*with an external width of :*	***2550 (with aluminium bracket)***
	LP max	= ***2550***	*with an external width of :*	***2550 (with steel bracket)***

TO BE COMPLETED BY THE CUSTOMER

Style	Order Number	Completed by (name)	Date	Quantity of Frame	LP	PI
					2550	

❒ *DOOR SET WITH **4** LOCKING GEARS (**2** per door)**
❒ *DOOR SET WITH **2** LOCKING GEARS (**1** per door)*

❒ *LOCKING GEAR Ref. **2344521B0***
❒ *LOCKING GEAR Ref. **2344523B0***
❒ *LOCKING GEAR Ref. **2344562B0***
❒ *LOCKING GEAR Ref. **2344572B0***
❒ *LOCKING GEAR Ref. **2344578***

❒ *WITHOUT SPECIAL SPECIFICATION(S)*
❒ *WITH SPECIAL SPECIFICATION(S)*

.....
.....

☒ *ALUMINIUM FILLING **XL32****
❒ *SELF COLOUR FRAME*
❒ *ANODIZED FRAME*

❒ *STEEL BRACKET TO BE WELDED*
❒ *HINGE PROFIL*
❒ *WITHOUT SUPPORT*

❒ *WITH MONTED SEALS*
❒ *WITHOUT MONTED SEALS*

REFERENCE : .....

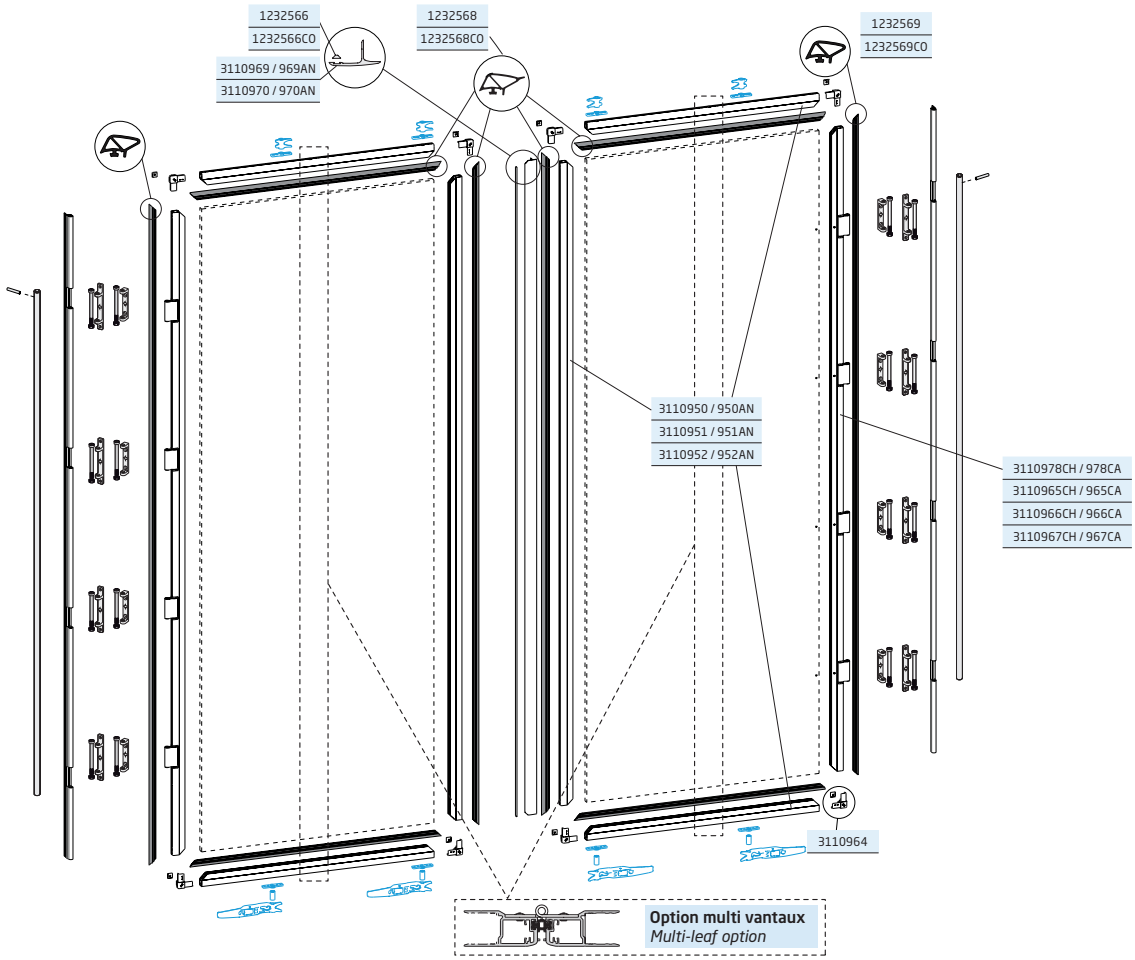
(To be completed by Pommier)

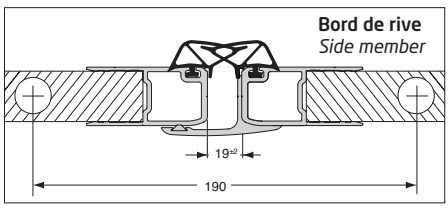
CUSTOMER'S AGREEMENT

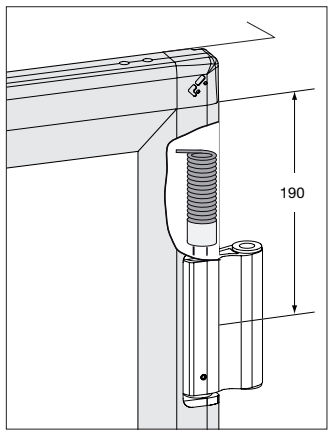
Date : .....

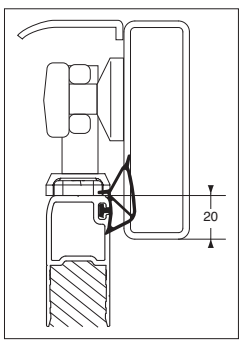
Visa : .....

Remplissage panneau / *Panel filling*





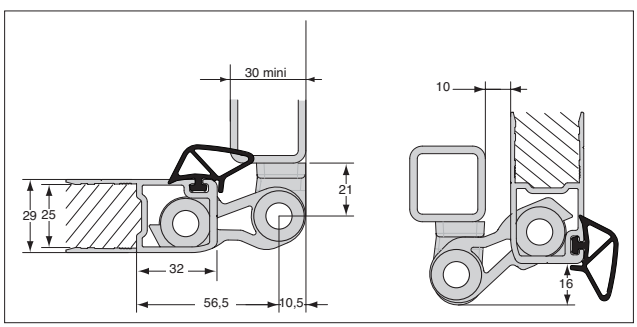




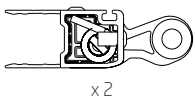
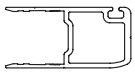
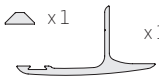
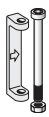
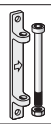
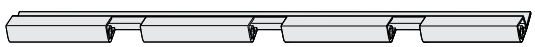
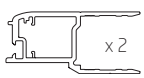
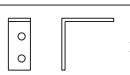
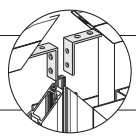
Le ressort placé dans le profil charnière donnent la priorité de rotation à l'axe côté poteau afin d'éviter toute détérioration du joint d'étanchéité de porte lors de l'ouverture et de la fermeture.

The spring positioned in the hinge section gives rotation priority to the post-side pin so as to avoid any damage to the door seal when opening and closing.

IMPORTANT : une cote de 190 mm minimum après recoupe devra être conservée en haut et en bas de la charnière pour protéger les ressorts.
N.B.: a minimum distance of 190 mm after cutting must be kept at the top and at the bottom of the hinge in order to protect the springs.



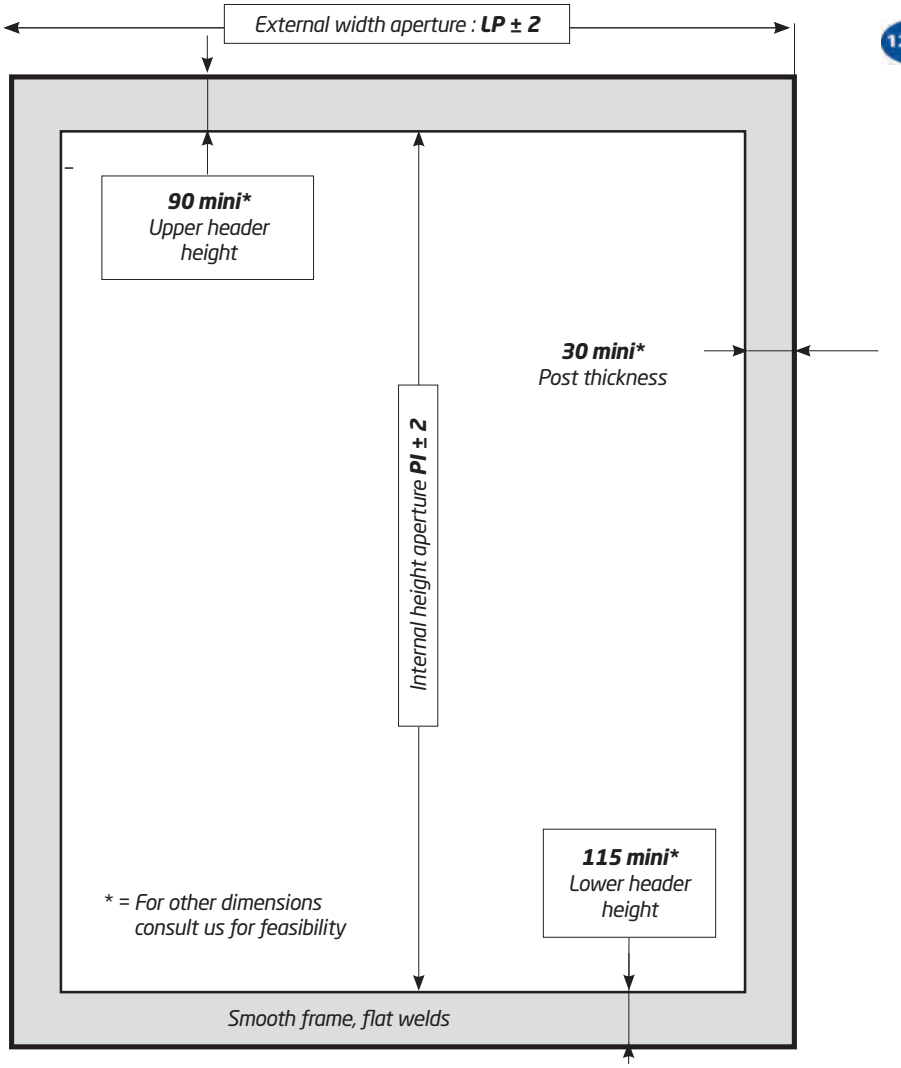
Remplissage panneau / *Panel filling*

Désignation *Designation*	Composition *Composition*	Hauteur porte maxi *Height door max* 2,24 m	2,60 m	2,80 m	3,20 m
Porte *Door*	 x2  x2 x1 x1 x8  x1 x1		Brut / *Raw* 3110979BR x1	3110965BR x1	3110966BR x1	3110967BR x1
			Anodisé / *Anodised* 3110979AN x1	3110965AN x1	3110966AN x1	3110967AN x1
	+					
Support *Support*	Acier à souder *Soldering steel*  x1 Flèche vers l'extérieur du véhicule *Arrow pointing towards the outside of the vehicle*		3110732		
			x6		x8	
	ou / *or*					
	Acier à visser *Screw steel*  x1 Flèche vers l'extérieur du véhicule *Arrow pointing towards the outside of the vehicle*		3110731		
			x6		x8	
	ou / *or*					
	Aluminium *Aluminium*  x1 x1 x1		Brut / *Raw* 3110978SC x2	3110971SC x2	3110972SC x2	3110973SC x2
			Anodisé / *Anodised* 3110978AN x2	3110971AN x2	3110972AN x2	3110973AN x2
Option multi-vantaux *Multi-leaf option*	 x2 x18 x3 x1  x1 		Brut / *Raw* 3110976KB x2 Anodisé / *Anodised* 3110976KA x2			
			+ 1232561 x1			
			+ 3110976EQ x8			

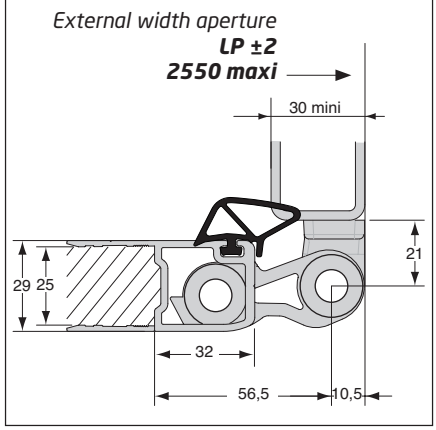
Cadre monté remplissage panneau

Nous consulter pour faisabilité

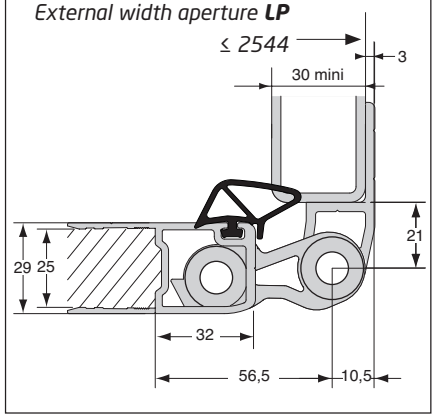
Complete flush door panel filling



WELD-ON BRACKET



ALUMINIUM BRACKET



Following "minimum / maximum" internal height apertures can be achieved:*

- 3 hinges profile :	*PI mini*	*= **1674***	*PI maxi*	*= 2654*
*- 4 hinges profile : Space **750***	*PI mini*	*= 2655*	*PI maxi*	*= 2789*
*- 4 hinges profile : Space **795***	*PI mini*	*= 2790*	*PI maxi*	*= 3160*
- External width aperture :	*LP max*	*= **2544***	*with an external width of : **2550 (with aluminium bracket)***	
	LP max	*= **2550***	*with an external width of : **2550 (with steel bracket)***	

TO BE COMPLETED BY THE CUSTOMER

Style	Order Number	Completed by (name)	Date	Quantity of Frame	LP	PI

❒ *DOOR SET WITH **4** LOCKING GEARS (**2** per door)**
❒ *DOOR SET WITH **2** LOCKING GEARS (**1** per door)*

❒ *LOCKING GEAR Ref. **2344521B0***
❒ *LOCKING GEAR Ref. **2344523B0***
❒ *LOCKING GEAR Ref. **2344562B0***
❒ *LOCKING GEAR Ref. **2344572B0***
❒ *LOCKING GEAR Ref. **2344578***

❒ *WITHOUT SPECIAL SPECIFICATION(S)*
❒ *WITH SPECIAL SPECIFICATION(S)*

.....
.....

☒ *ALUMINIUM FILLING **XL25****
❒ *SELF COLOUR FRAME*
❒ *ANODIZED FRAME*

❒ *STEEL BRACKET TO BE WELDED*
❒ *HINGE PROFIL*
❒ *WITHOUT SUPPORT*

❒ *WITH MONTED SEALS*
❒ *WITHOUT MONTED SEALS*

REFERENCE :.....

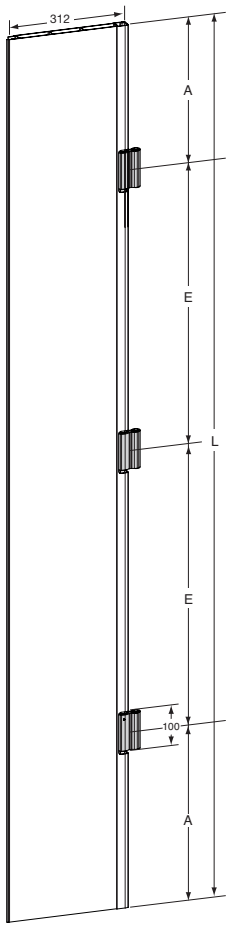
(To be completed by Pommier)

CUSTOMER'S AGREEMENT

Date : .....

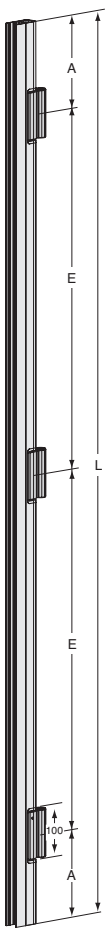
Visa :.....

Charnières / *Hinges*



Profil charnière remplissage aluminium.
Overhall hinge section for door aluminium filling.

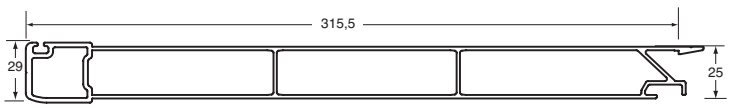
Référence *Reference*	Kg	A (mm)	E (mm)	L (mm)	Finition *Finish*
3110977CH	9,50	455	635	2180	Brut *Raw*
3110977CA	9,50	455	635	2180	Anodisé *Anodized*
3110960CH	11	415	900	2630	Brut *Raw*
3110960CA	11	415	900	2630	Anodisé *Anodized*
3110961CH	12	257,5	750	2765	Brut *Raw*
3110961CA	12	257,5	750	2765	Anodisé *Anodized*
3110962CH	15	375,5	795	3136	Brut *Raw*
3110962CA	15	375,5	795	3136	Anodisé *Anodized*



Profil charnière remplissage panneau.
Overhall hinge section for door panel filling.

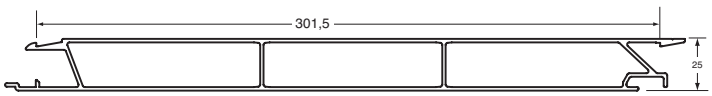
Référence *Reference*	Kg	A (mm)	E (mm)	L (mm)	Finition *Finish*
3110978CH	4,2	455	635	2180	Brut *Raw*
3110978CA	4,2	455	635	2180	Anodisé *Anodized*
3110965CH	4,7	430	900	2660	Brut *Raw*
3110965CA	4,7	430	900	2660	Anodisé *Anodized*
3110966CH	5,3	272,5	750	2795	Brut *Raw*
3110966CA	5,3	272,5	750	2795	Anodisé *Anodized*
3110967CH	5,8	375,5	795	3136	Brut *Raw*
3110967CA	5,8	375,5	795	3136	Anodisé *Anodized*

Encadrements et remplissages / *Frames*



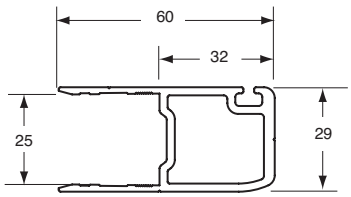
Profil central aluminium.
Central frame profile, aluminium.

Référence *Reference*	L (mm)	Finition *Finish*
3110957	2765	Brut *Raw*
3110957AN	2765	Anodisé *Anodized*
3110958	3136	Brut *Raw*
3110958AN	3136	Anodisé *Anodized*



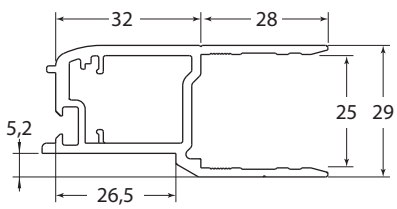
Profil de remplissage aluminium.
Filling profile, aluminium.

Référence *Reference*	L (mm)	Finition *Finish*
3110954	2760	Brut *Raw*
3110954AN	2760	Anodisé *Anodized*
3110955	3131	Brut *Raw*
3110955AN	3131	Anodisé *Anodized*



Profil d'encadrement aluminium.
Frame profile, aluminium.

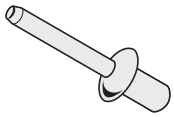
Référence *Reference*	Longueur *Length*	Finition *Finish*
3110950	2340	Brut *Raw*
3110950AN	2340	Anodisé *Anodized*
3110951	2795	Brut *Raw*
3110951AN	2795	Anodisé *Anodized*
3110952	3136	Brut *Raw*
3110952AN	3136	Anodisé *Anodized*



Profil charnière 4 vantaux aluminium.
Aluminium hinge profile for quarter flush door.

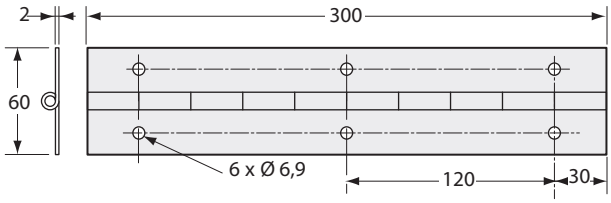
Référence *Reference*	Longueur *Length*	Finition *Finish*
3110976	3200	Brut *Raw*
3110976AN	3200	Anodisé *Anodized*

Encadrements et remplissages / *Frames*



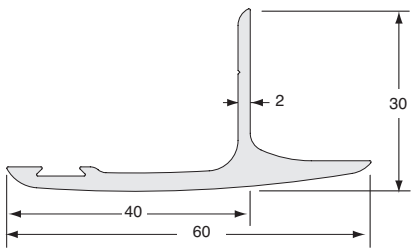
Rivet Ø 6,4 mm acier zingué bichromaté.
Ø 6,4 rivet yellow zinc plated steel.

Référence *Reference*	Kg
5871261HA	0,013



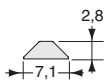
Charnière inox.
Stainless steel hinge.

Référence *Reference*	Kg	Longueur *Length*
2637136	0,420	300 mm



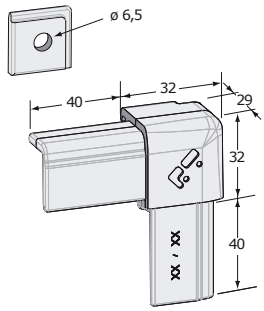
Profil de battue aluminium.
Center strip profile, aluminium.

Référence *Reference*	Longueur *Length*	Finition *Finish*
3110969	2800	Brut *Raw*
3110969AN	2800	Anodisé *Anodized*
3110970	3200	Brut *Raw*
3110970AN	3200	Anodisé *Anodized*



Profil PVC gris.
P.V.C grey profile.

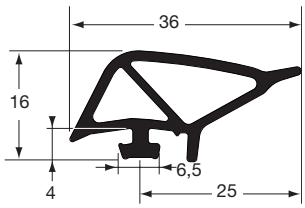
Référence *Reference*	Longueur *Length*
1232566	3400
1232566C0	30m



Pièce d'angle aluminium brut (4 pièces par porte).
Aluminium corner (4 parts by door).

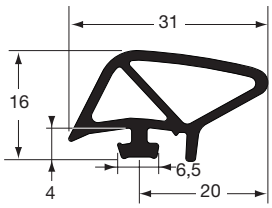
Référence *Reference*	Kg
3110964	0,14

Joints d'étanchéité / *Seals*



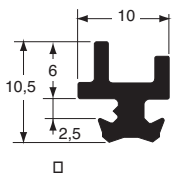
Joint de porte.
Inner door seal.

Référence *Reference*	Longueur *Length*
1232568	11,5 m
1232568C0	50 m



Joint de porte.
Inner door seal.

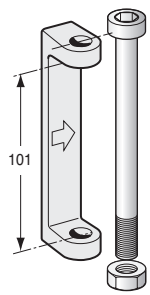
Référence *Reference*	Longueur *Length*
1232569	6,5 m
1232569C0	50 m



Joint de porte.
Seal for hinge.

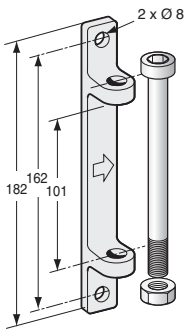
Référence *Reference*	Longueur *Length*
1232561	35 m

Supports / *Supports*



Chape support charnière à souder, acier brut, avec vis et écrou.
Self colour steel weld-on bracket with locknut and pin.

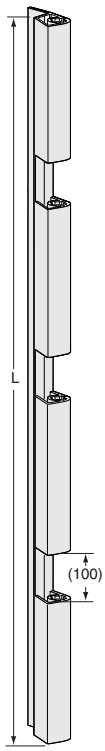
Référence *Reference*	Kg
3110732	0,350



Chape support charnière à visser, acier galvanisé, avec vis et écrou.
Galvanized steel bolt-on bracket with locknut and pin.

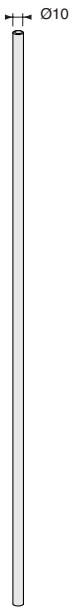
Référence *Reference*	Kg
3110731	0,320

Supports / *Supports*



Supports aluminium.
Aluminium supports.

Référence *Reference*	Kg	L (mm)
3110978SU	3,90	2244
3110978SA	3,90	2244
3110971SU	4,10	2694
3110971SA	4,10	2694
3110972SU	4,28	2829
3110972SA	4,28	2829
3110973SU	4,80	3200
3110973SA	4,80	3200



Axe.
Axle.

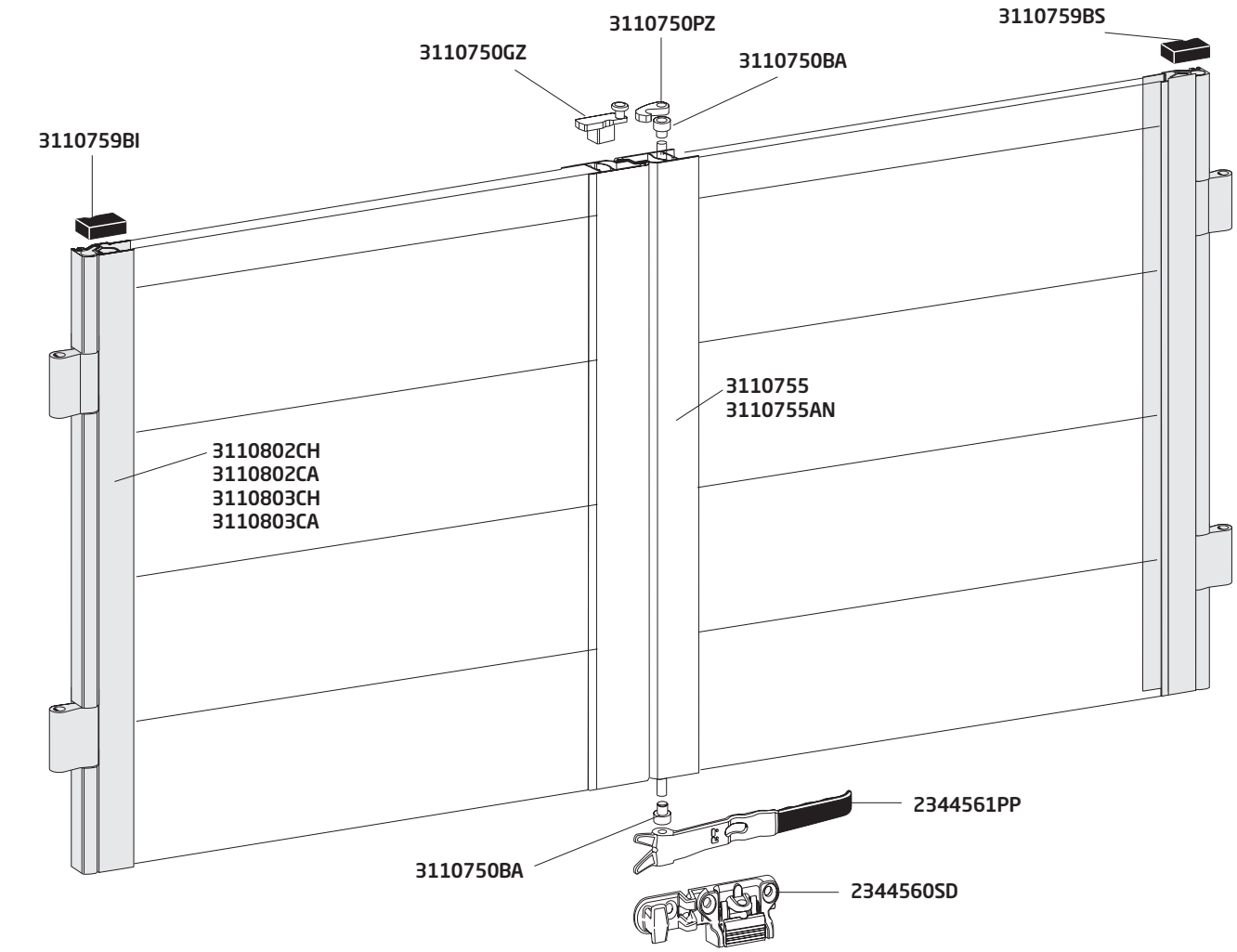
Référence *Reference*	Kg
3110962AX	1,620

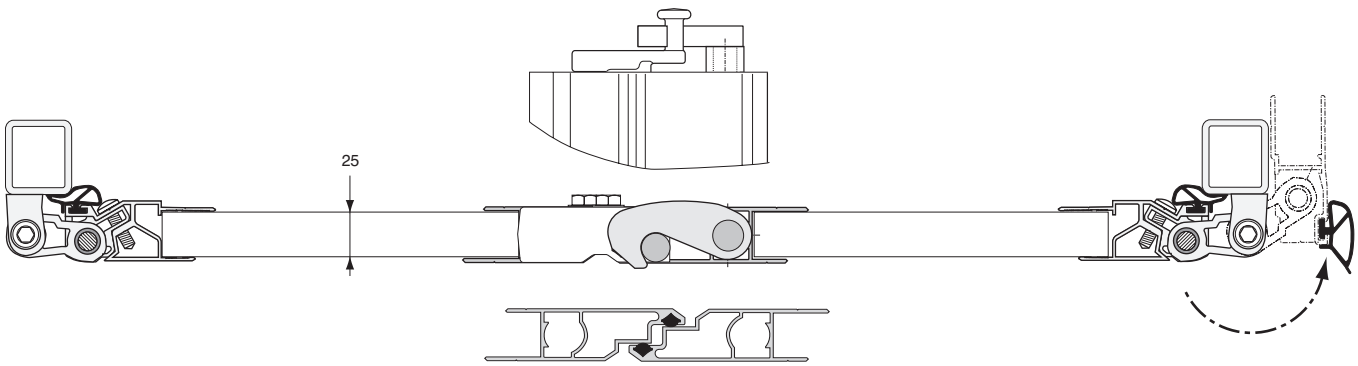
Goupille.
Pin.

Référence *Reference*	Kg
2344466G0	0,002

Kits portillon / *Kits for small door*

Kits portillon / *Kits for small door*

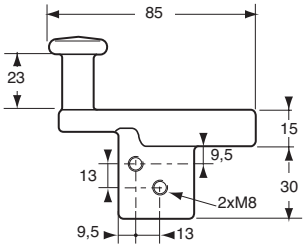




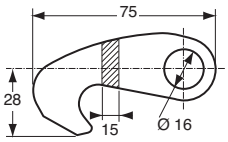
Kit portillon sans chape support acier, ni axe de crémone, ni planche de remplissage
Kit for small doors, without steel weld-on bracket, rod for locking gear and aluminium planks

Référence *Reference*	Composition *Composition*	Référence *Reference*	Composition *Composition*	Référence *Reference*	Composition *Composition*	Référence *Reference*	Composition *Composition*
3110802 Kit portillon brut hauteur 600 mm *Kit for self colour doors 600 mm height*	3110750PZ x 1 3110750GZ x 1 3110750BA x 2 3110759BI x 1 3110759BS x 1 1203242CL x 1 1232564CL x 1 2344560SD x 1 2344561PP x 1 3110802CH x 2 3110755 (0,60 x 2)	3110802AN Kit portillon anodisé 600 mm *Kit for anodized doors 600 mm height*	3110750PZ x 1 3110750GZ x 1 3110750BA x 2 3110759BI x 1 3110759BS x 1 1203242CL x 1 1232564CL x 1 2344560SD x 1 2344561PP x 1 31107802CA x 2 3110755AN (0,60 x 2)	3110803 Kit portillon brut hauteur 800 mm *Kit for self colour doors 800 mm height*	3110750PZ x 1 3110750GZ x 1 3110750BA x 2 3110759BI x 1 3110759BS x 1 1203242CL x 1 1232564CL x 1 2344560SD x 1 2344561PP x 1 3110803CH x 2 3110755 (0,80 x 2)	3110803AN Kit portillon anodisé 800 mm *Kit for anodized doors 800 mm height*	3110750PZ x 1 3110750GZ x 1 3110750BA x 2 3110759BI x 1 3110759BS x 1 1203242CL x 1 1232564CL x 1 2344560SD x 1 2344561PP x 1 3110803CA x 2 3110755AN (0,80 x 2)

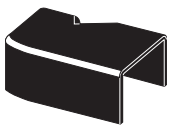
Accessoires de portillon / *Accessories for small door*



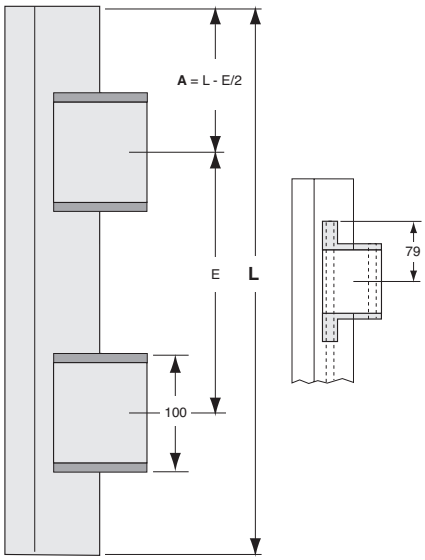
3110750GZ Kg 0,350
Gâche acier zinguée.
Zinc plated steel keeper.



3110750PZ Kg 0,180
Pène acier zingué.
Zinc plated steel cam.

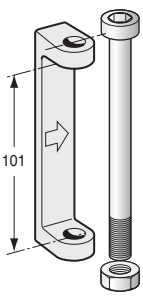


3110759BS Kg 0,015
Bouchon droit.
Upper end cap.
3110759BI
Bouchon gauche.
Lower end cap.



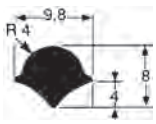
Profil charnière aluminium
Aluminium hinge section

	L = 600	L = 800
Brut *Self colour*	3110802CH	3110803CH
Anodisé *Anodized*	3110802CA	3110803CA
E	**380**	**410**

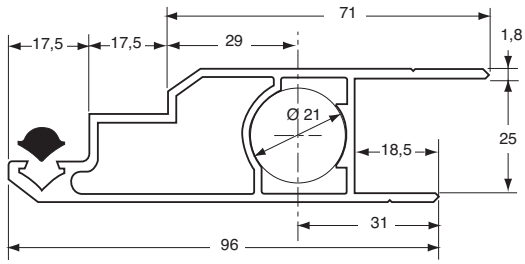


* **Flèche vers l'extérieur du véhicule**
* *Arrow pointing towards the outside of the vehicle*

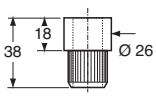
3110732 Kg 0,350
Chape support charnière acier brut, avec vis et écrou.
Self colour steel bolt-on bracket with locknut and pin.



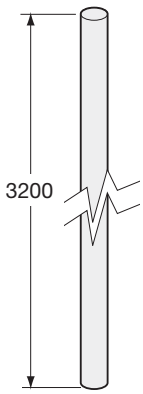
Clé E.P.D.M. noir.
Black E.P.D.M. filler strip.
1203242 ← 50 m →
1203242CL ← 1,60 m →



3110755 ← 2440 →
Profil fermeture de portillon, aluminium brut.
Self colour aluminium profile.
3110755AN
Idem anodisé.
Same anodized.

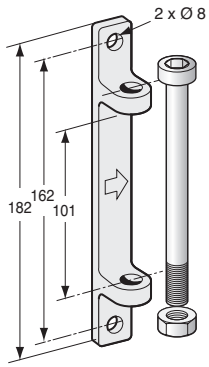


3110750BA Kg 0,070
Bague acier zinguée.
Zinc plated steel bush



2344510AX Kg 5,500
Axe acier zingué Ø 16 mm.
Zinc plated steel Ø 16 rod.

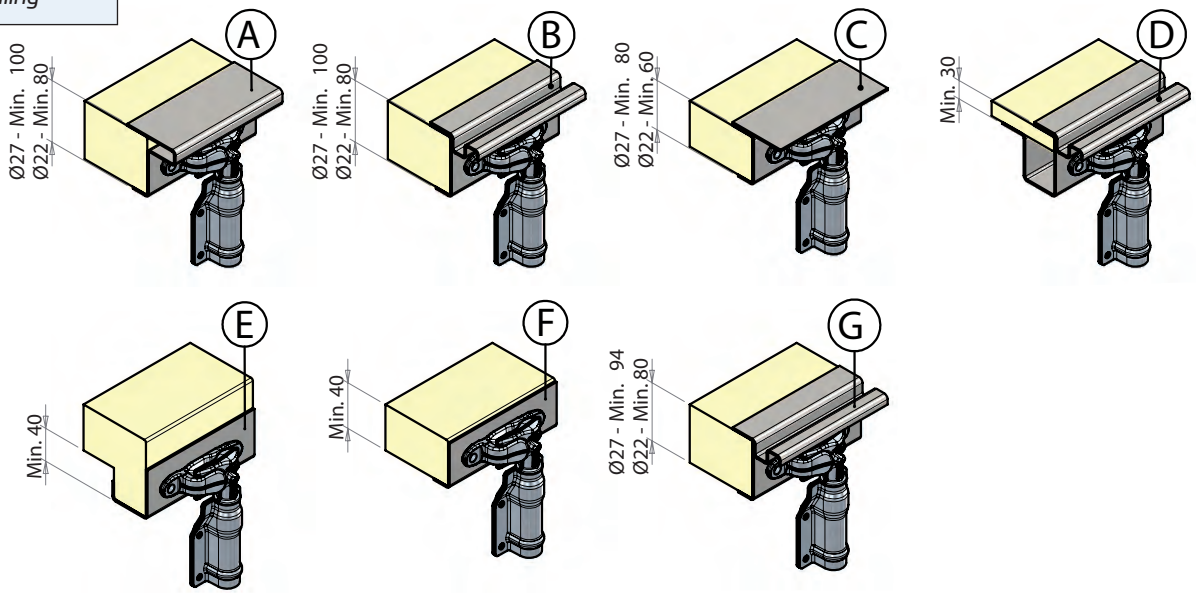
Joint d'étanchéité, E.P.D.M. noir.
Door seal, black E.P.D.M.
1232564CL ← 1,60 m →
1232564 ← 18 m →
1232564CO ← 50 m →



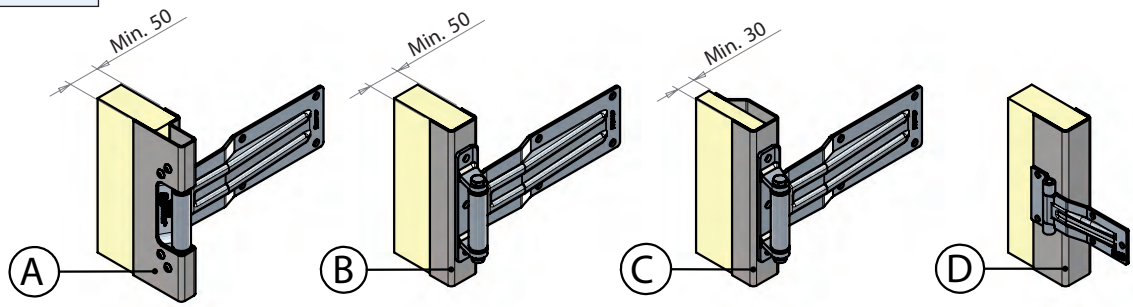
3110731 Kg 0,320
Chape support charnière acier galvanisé avec vis et écrou.
Galvanized steel bolt-on bracket with locknut and pin.

Cadre inox / *Stainless Steel Frame*

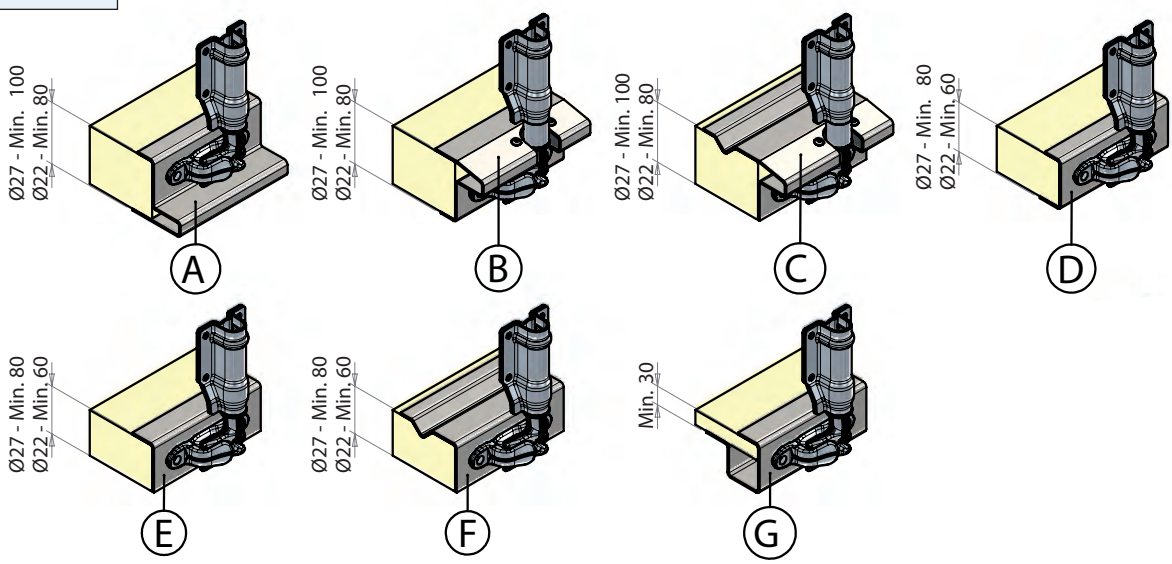
Pavillon
Ceiling



Panneau
Side Panel



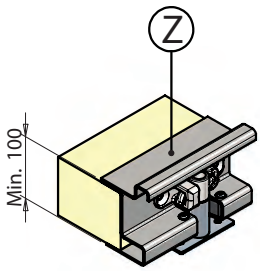
Sol
Floor

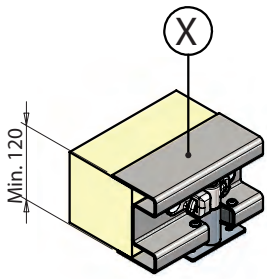


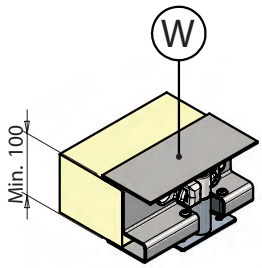
Sur demande - *Under Request*

Cadre inox / *Stainless Steel Frame*

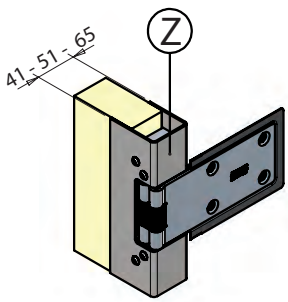
Pavillon
Ceiling

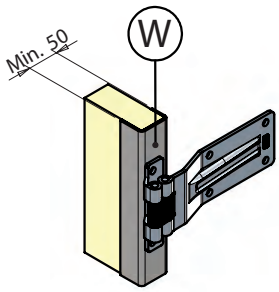




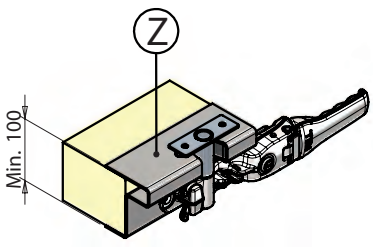


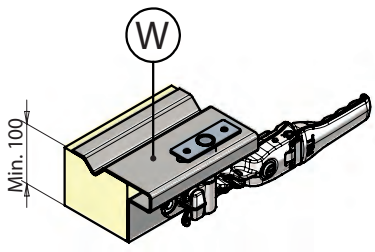
Panneau
Side Panel





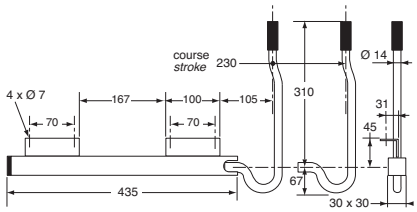
Sol
Floor





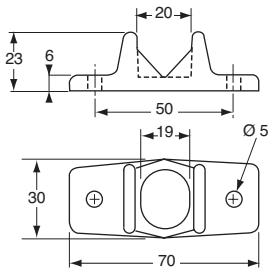
Sur demande - *Under Request*

A équerre L / *L door retainers*



Arrêt de porte articulable avec équerre de 45 x 30 et tige déportée, graissé avec bague d'étanchéité, acier zingué.
Zinc plated steel door retainer with corner plate 45 x 30, greased with watertight ring.

Référence *Reference*	Kg
2537864	2,195

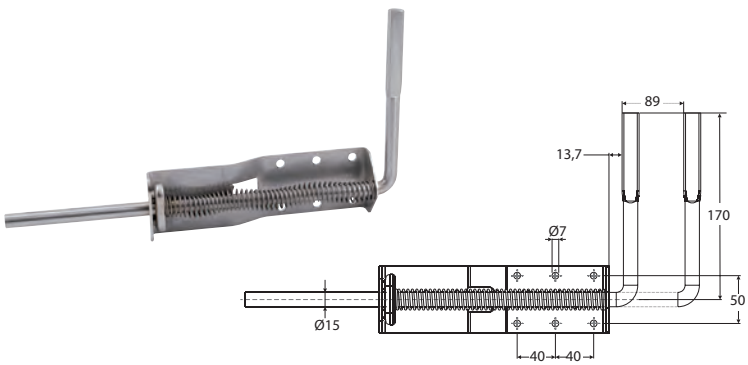


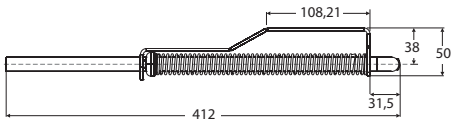
Retenue polypropylène gris pour arrêts de porte.
Grey polypropylene securing bracket for door retainers.

Référence *Reference*	Kg
2537856	0,046

Arrêt de porte universel complet.
Universal door retainer complete.

Référence *Reference*	Kg
2537868	2,5

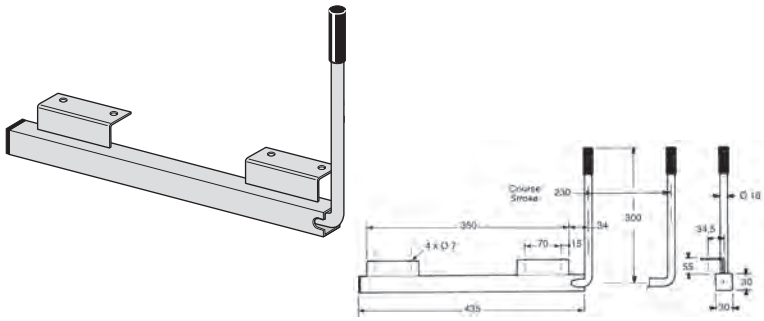




Arrêt de porte à ressort tout inox. Blocage par arrêt sur le pêne de la crémone.
Stainless steel door retainer, designed to locate on the cam.

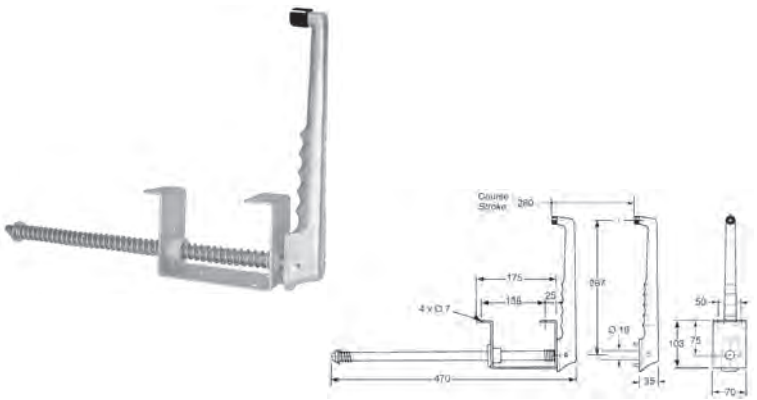
Référence *Reference*	Kg
131011142	1,41

À équerre L / *L door retainers*



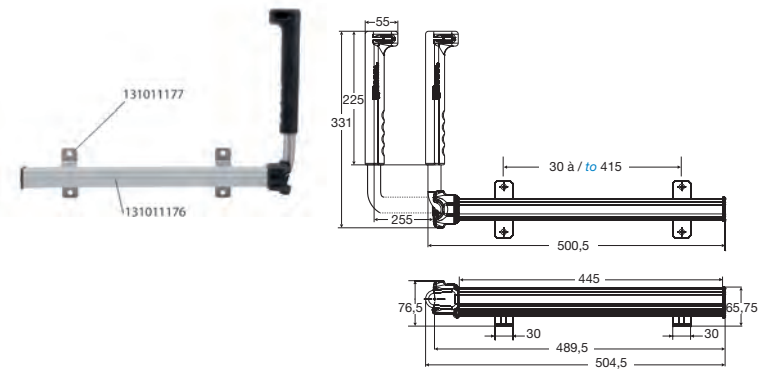
Arrêt de porte articulable avec équerre de 50 x 55, acier zingué, tige Ø 16 mm, graissé avec bague d'étanchéité.
Zinc plated steel door retainer with corner plate 50 x 55, rod Ø 16 mm, greased with watertight ring.

Référence *Reference*	Kg	Ø
2537851	2,45	16



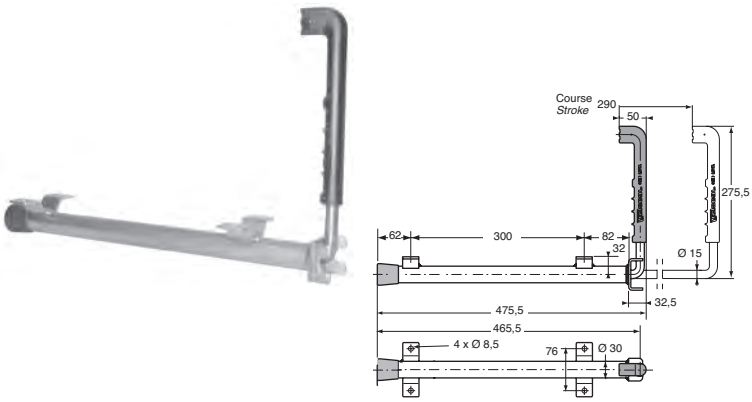
Arrêt de porte articulable avec poignée alu brut, tige Ø 18 mm acier zingué bichromaté, support acier galvanisé, épaisseur : 3 mm.
Door retainer with self colour aluminium handle, zinc plated steel rod Ø 18 mm, galvanized steel bracket : 3 mm thick.

Référence *Reference*	Kg
2537865	2



Arrêt de porte aluminium étanche, tube et supports de fixation en inox. 3 positions de rangements.
Waterproof aluminium door retainer with stainless steel brackets and tube. 3 stowing positions.

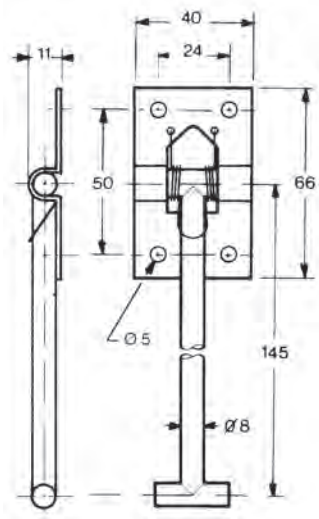
Référence *Reference*	Kg
2537873	1,53



Arrêt de porte articulé, avec poignée composite, tige Ø 15 mm, graissé avec bague d'étanchéité.
Door retainer with handle and rod Ø 15 mm, greased with watertight ring.

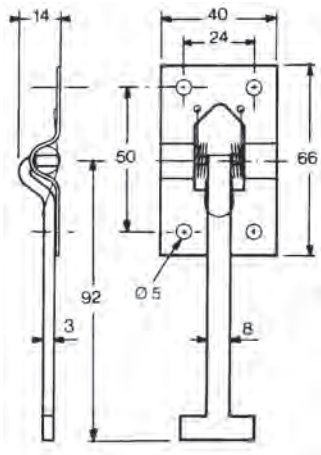
Référence *Reference*	Kg	Finition *Finish*
131010481	2,2	Acier inoxydable *Stainless steel*
132103850	2,2	Acier zingué *Zinc plated*

À crochet T / *T door retainers*



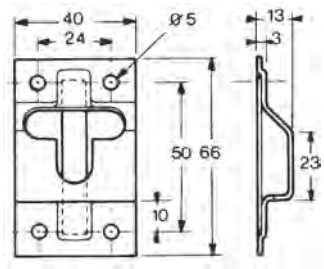
Crochet d'arrêt de porte.
Hook.

Référence *Reference*	Kg	Finition *Finish*
2537838	0,105	Zingué *Zinc plated*
2537838IN	0,109	Inox *Stainless steel*



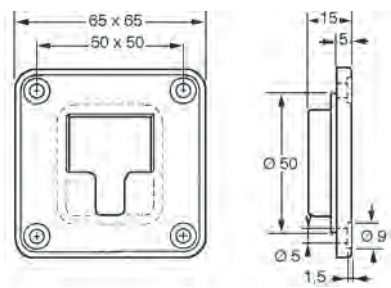
Crochet d'arrêt de porte.
Hook.

Référence *Reference*	Kg	Finition *Finish*
2537837	0,05	Zingué *Zinc plated*
2537852	0,05	Inox *Stainless steel*



Plaque de prise.
Catch plate.

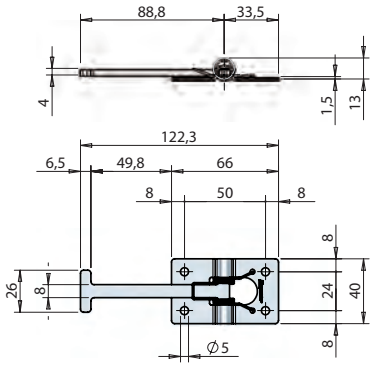
Référence *Reference*	Kg	Finition *Finish*
2537840	0,074	Zingué *Zinc plated*
2537854	0,074	Inox *Stainless steel*



Cuvette d'arrêt de porte, plastique noir.
Black plastic recessed catch plate.

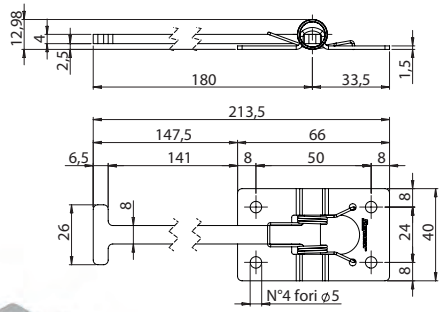
Référence *Reference*	Kg
2537844	0,02

À crochet T / *T door retainers*



Crochet d'arrêt de porte.
Hook for door retainer.

Référence *Reference*	Kg	Finition *Finish*
13100335A	0,06	Acier inoxydable *Stainless steel*
13210336A	0,06	Acier zingué *Zinc plated*

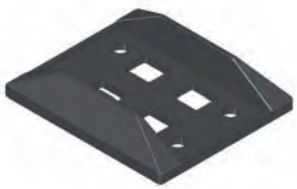


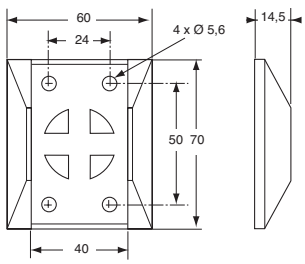
Crochet d'arrêt de porte.
Hook for door retainer.

Référence *Reference*	Kg	Finition *Finish*
131011434	0,10	Acier inoxydable *Stainless steel*

Plaque de prise.
Catch plate.

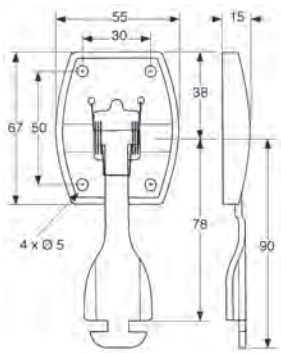
Référence *Reference*	Kg	Finition *Finish*
13100337A	0,031	Acier inoxydable *Stainless steel*
13210338A	0,03	Acier zingué *Zinc plated*





Semelle élastomère.
Elastomer backplate.

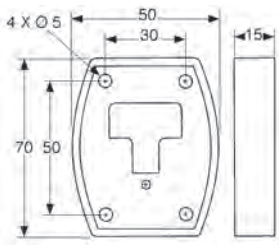
Référence *Reference*	Kg
13310339A	0,015



Crochet d'arrêt de porte inox avec semelle plastique noir.
Stainless steel door hook with black plastic backplate.

Référence *Reference*	Kg
2537870	0,085

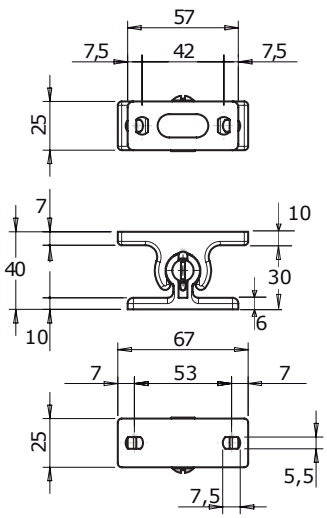
À crochet T / *T door retainers*



Plaque de prise inox avec semelle plastique noir.
Stainless steel catch plate with black plastic backplate.

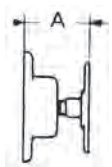
Référence *Reference*	Kg
2537871	0,045

À butée / *With stops*



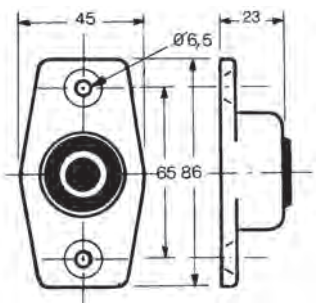
Arrêt de porte plastique réglable.
Plastic door retainer ajustable.

Référence *Reference*	Kg
133110261	0,045



Arrêt de porte complet.
Complete door retainer.

Référence *Reference*	Kg	A (mm)
2537814	0,1	42
2537815	0,105	55
2537816	0,11	85



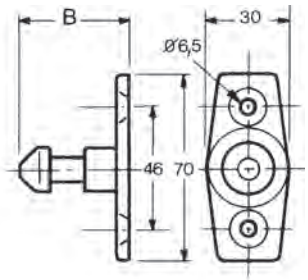
Coquille aluminium anodisé.
Anodized aluminium socket.

Référence *Reference*	Kg
2537814C0	0,025

À butée / *With stops*

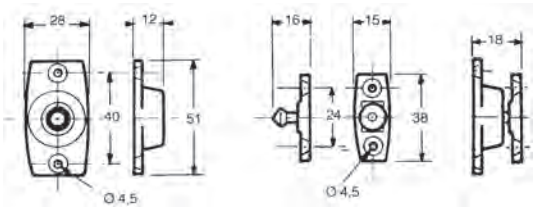
Butée caoutchouc pour 2537814CO.
Rubber socket for 2537814CO.

Référence *Reference*	Kg
2537814BU	-



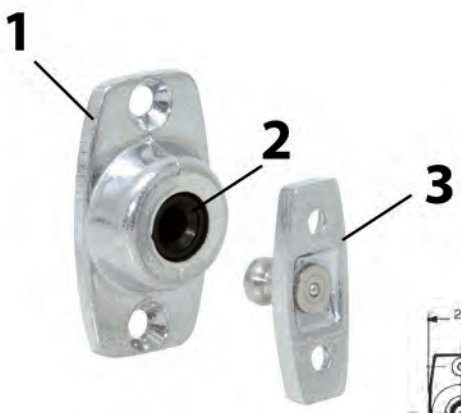
Partie mâle en aluminium.
Alumnium plunger.

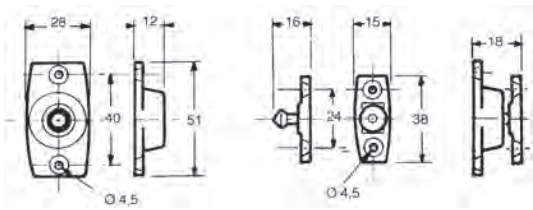
Référence *Reference*	Kg	B (mm)
2537814MA	0,046	39
2537815MA	0,5	51,5
2537816MA	0,057	81,5



Arrêt de porte complet.
Polished aluminium socket.

Référence *Reference*	Kg
2437828	0,023

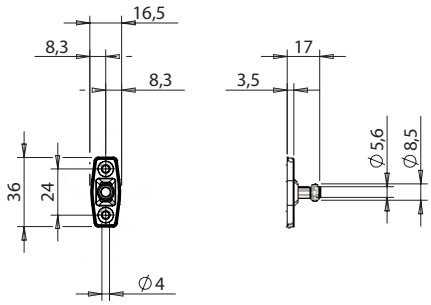




Composants pour arrêt de porte 2437828.
Components for door retainer 2437828.

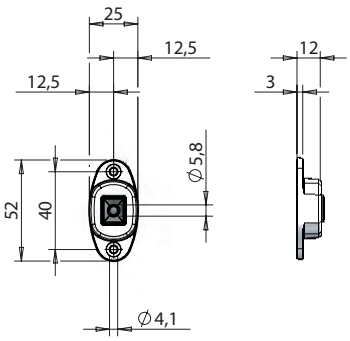
Référence *Reference*	Kg	Type *Type*
2437828BU	-	2
2437828CO	-	1
2437828MA	-	3

À butée / *With stops*



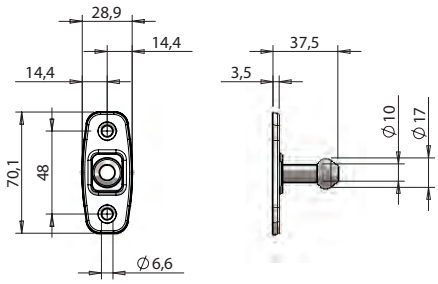
Partie mâle d'arrêt de porte Ø 8,5 x 17 mm.
Plunger Ø 8,5 x 17 mm.

Référence *Reference*	Kg	Finition *Finish*
131003173	0,007	Brut (e) *Raw*



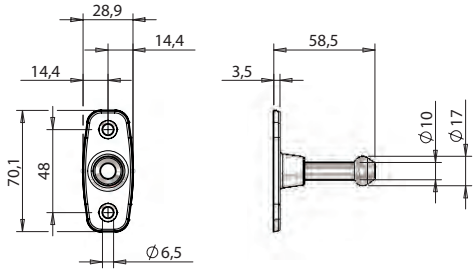
Coquille avec butée caoutchouc pour partie mâle Ø 8,5 mm.
Socket with rubber insert for plunger Ø 8,5 mm.

Référence *Reference*	Kg	Finition *Finish*
131003180	0,02	Aluminium *Aluminium*



Partie mâle d'arrêt de porte Ø 17 x 37,5 mm.
Plunger Ø 17 x 37,5 mm.

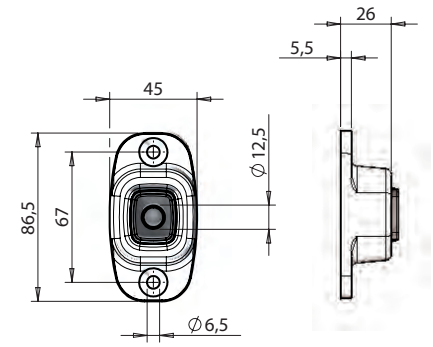
Référence *Reference*	Kg	Finition *Finish*
131003175	0,06	Brut (e) *Raw*



Partie mâle d'arrêt de porte Ø 17 x 58,5 mm.
Plunger Ø 17 x 58,5 mm.

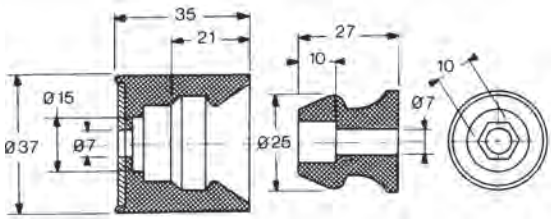
Référence *Reference*	Kg	Finition *Finish*
131003174	0,075	Brut (e) *Raw*

À butée / *With stops*



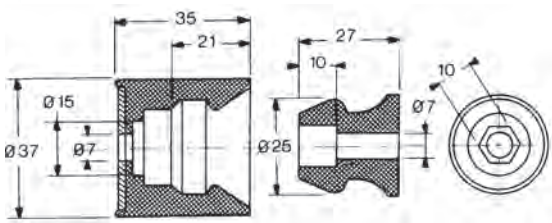
Coquille avec butée caoutchouc pour partie mâle Ø 17 mm.
Socket with rubber insert for plunger Ø 17 mm.

Référence *Reference*	Kg	Finition *Finish*
131003181	0,078	Aluminium *Aluminium*



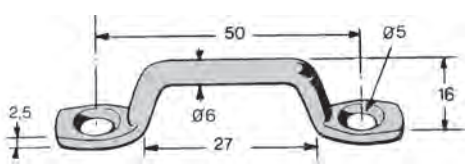
Arrêt de porte complet.
Complete door retainer.

Référence *Reference*	Kg
2537813	0,052



Composants pour arrêt de porte 2537813.
Components for door retainer 2537813.

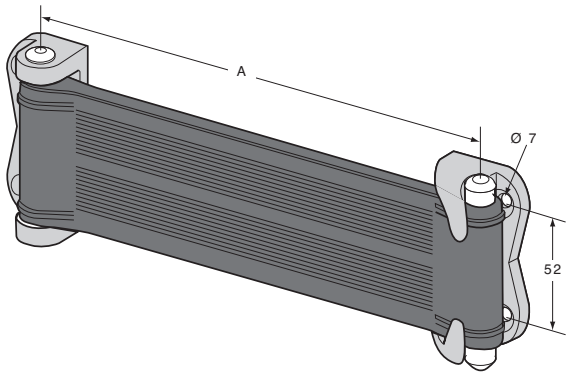
Référence *Reference*	Kg	Type *Type*
2537813BU	-	1
2537813MA	-	2



Crampon en acier zingué.
Zinc plated steel cramp.

Référence *Reference*	Kg
2403788	0,015

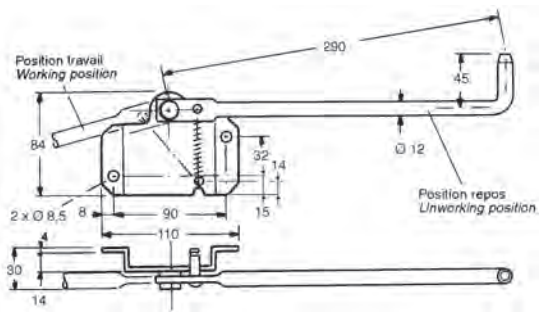
À sangle / *Strap door retainer*



Arrêt de porte.
Door retainer.

Référence *Reference*	Kg	A (mm)
2437819	0,35	190
2437820	0,395	220

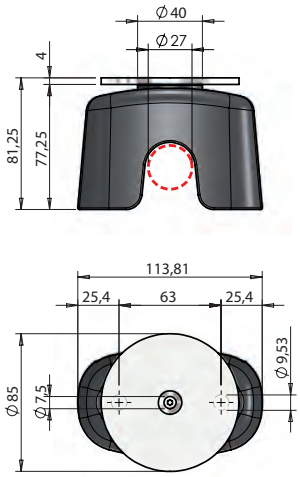
À bascule / *Hinged door retainer*



Arrêt de porte longitudinal, le visuel représente le modèle droit.
Longitudinal door retainer, the image represents the righthand side.

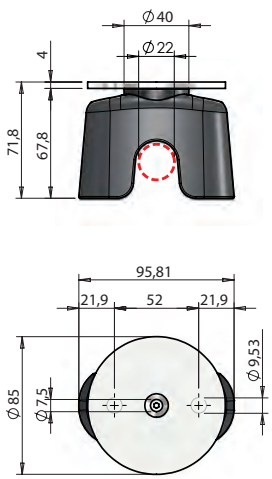
Référence *Reference*	Kg	Côté *Hand*	Finition *Finish*
2537861DR	0,56	Droit (e) *Right*	Inox *Stainless steel*
2537861GA	0,56	Gauche *Left*	Inox *Stainless steel*
2537862DR	0,56	Droit (e) *Right*	Zingué *Zinc plated*
2537862GA	0,56	Gauche *Left*	Zingué *Zinc plated*

Magnétique / *Magnetic*



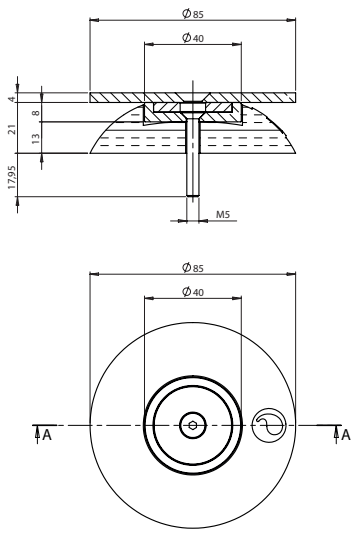
Arrêt de porte magnétique pour guides Ø 27.
Magnetic door retainer.

Référence *Reference*	Kg	Ø
131011658	0,63	27



Arrêt de porte magnétique pour guides Ø 22.
Magnetic door retainer.

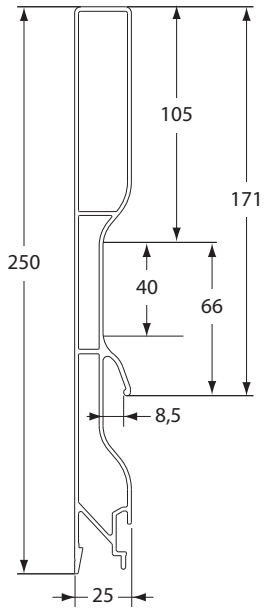
Référence *Reference*	Kg	Ø
131011659	0,44	22

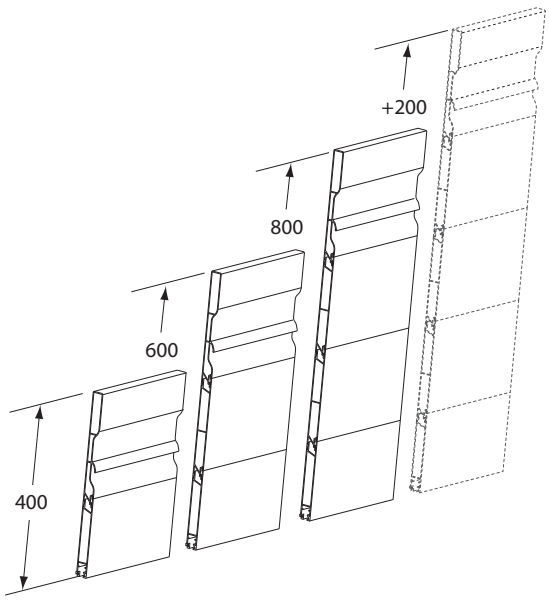


Arrêt de porte magnétique pour porte latérale.
Magnetic side door retainer.

Référence *Reference*	Kg
131011674	0,34

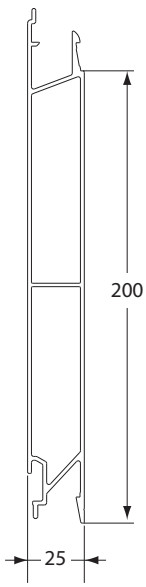
Profils aluminium / *Aluminium profile*

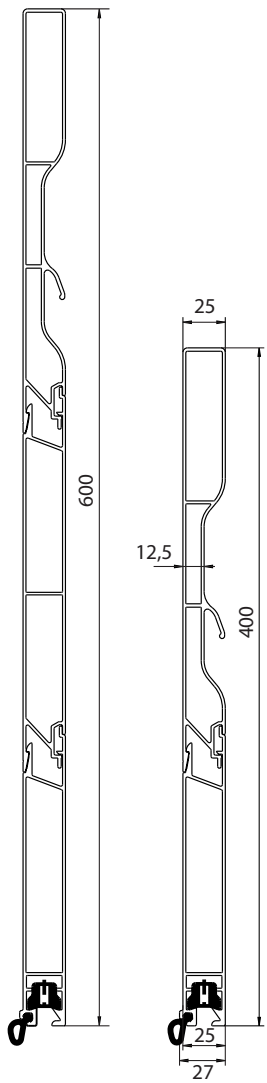




Profil haut de ridelle 250 mm.
Top dropside profile.

Référence *Reference*	Longueur *Length*	Finition *Finish*
3110501	6500	Brut (e) *Raw*
3110501AN	6500	Anodisé (e) *Anodized*

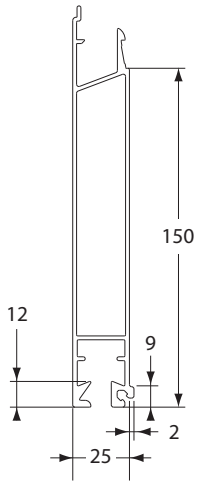




Profil intermédiaire de ridelle 200 mm.
Intermediate dropside profile 200 mm.

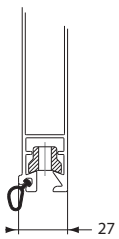
Référence *Reference*	Longueur *Length*	Finition *Finish*
3110502	6500	Brut (e) *Raw*
3110502AN	6500	Anodisé (e) *Anodized*

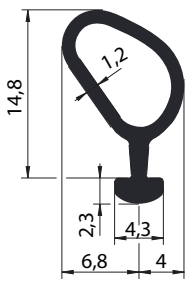
Profils aluminium / *Aluminium profile*



Profil de pied de ridelle 150 mm.
Dropside foot profile, 150 mm.

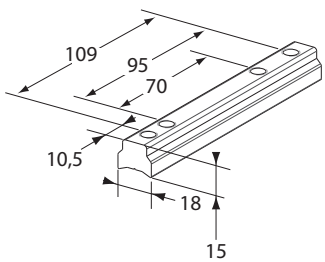
Référence *Reference*	Longueur *Length*	Finition *Finish*
3110500	6500	Brut (e) *Raw*
3110500AN	6500	Anodisé (e) *Anodized*





Joint E.P.D.M. noir de pied de ridelle.
E.P.D.M. black seal for dropside foot.

Référence *Reference*	Kg
1232544	0,060



Barette aluminium brut pour articulation de ridelle.
Self colour aluminium brace for dropside hinge.

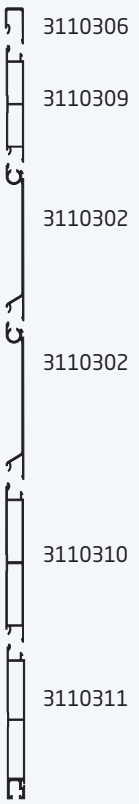
Référence *Reference*	Kg
3543657BA	0,070

Profils aluminium / *Aluminium profile*

Exemples de montage dans les hauteurs les plus courantes.
Typical installation in standard heights.

Modules permettant des hauteurs variant de 100 mm en 100 mm.
With this modular profiles, height can be varied by 100 mm.

H : 1 000 mm

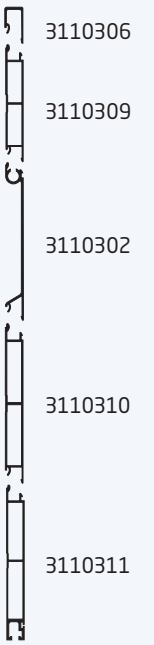


3110306
3110309
3110302
3110302
3110310
3110311

H : 900 mm

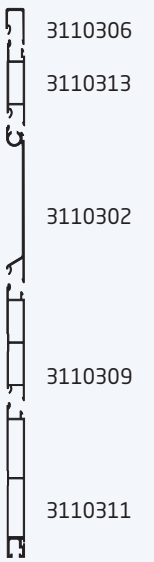
3110306
3110309
3110302
3110313
3110310
3110311

H : 800 mm



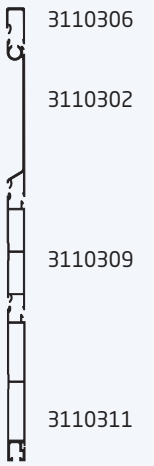
3110306
3110309
3110302
3110310
3110311

H : 700 mm



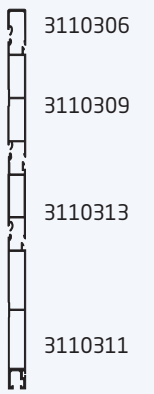
3110306
3110313
3110302
3110309
3110311

H : 600 mm



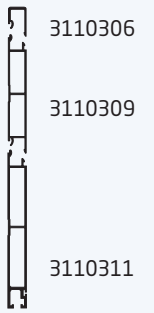
3110306
3110302
3110309
3110311

H : 500 mm



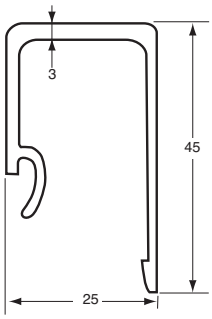
3110306
3110309
3110313
3110311

H : 400 mm



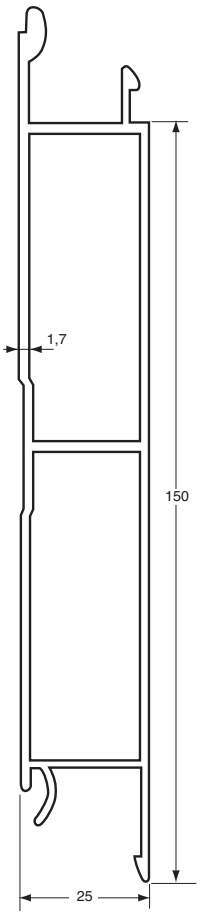
3110306
3110309
3110311

Profils aluminium / *Aluminium profile*



Profil haut.
Frame profile.

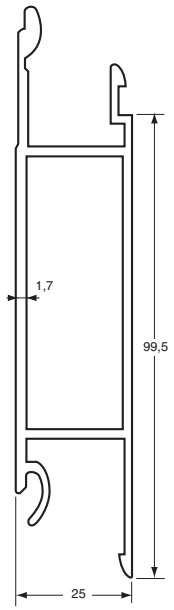
Référence *Reference*	Longueur *Length*	Finition *Finish*
3110306	6100	Brut (e) *Raw*
3110306AN	6100	Anodisé (e) *Anodized*



Profil de ridelle 150 mm.
Dropside profile 150 mm.

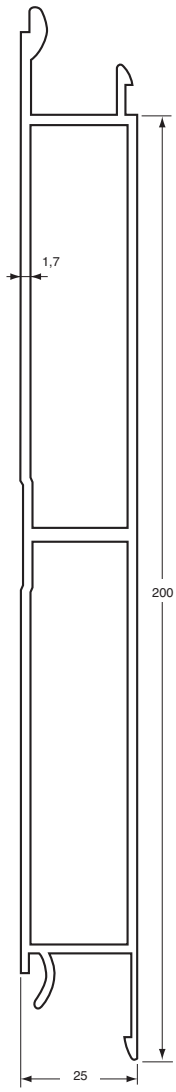
Référence *Reference*	Longueur *Length*	Hauteur *Height*	Finition *Finish*
3110309	6100	150	Brut (e) *Raw*
3110309AN	6100	150	Anodisé (e) *Anodized*

Profils aluminium / *Aluminium profile*



Profil de ridelle 100 mm.
Dropside profile 100 mm.

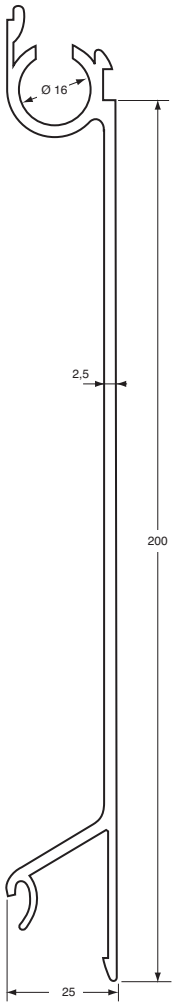
Référence *Reference*	Longueur *Length*	Hauteur *Height*	Finition *Finish*
3110313	6100	100	Brut (e) *Raw*
3110313AN	6100	100	Anodisé (e) *Anodized*



Profil de ridelle 200 mm.
Dropside profile 200 mm.

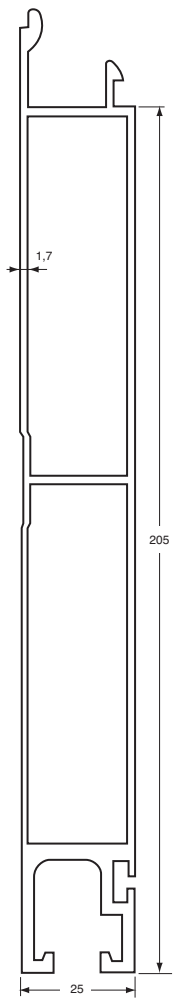
Référence *Reference*	Longueur *Length*	Hauteur *Height*	Finition *Finish*
3110310	6100	200	Brut (e) *Raw*
3110310AN	6100	200	Anodisé (e) *Anodized*

Profils aluminium / *Aluminium profile*



Profil de ridelle TIR 200 mm.
TIR dropside profile 200 mm.

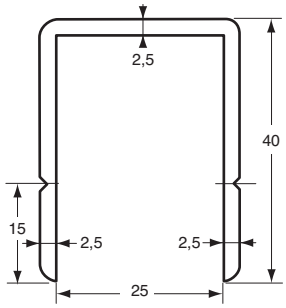
Référence *Reference*	Longueur *Length*	Hauteur *Height*	Finition *Finish*
3110302	6100	200	Brut (e) *Raw*
3110302AN	6100	200	Anodisé (e) *Anodized*



Profil de pied de ridelle 205 mm.
Dropside foot profile, 205 mm.

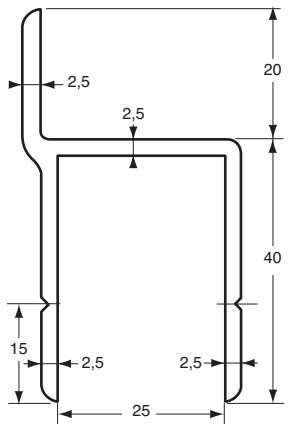
Référence *Reference*	Longueur *Length*	Hauteur *Height*	Finition *Finish*
3110311	6100	205	Brut (e) *Raw*
3110311AN	6100	205	Anodisé (e) *Anodized*

Profils aluminium / *Aluminium profile*



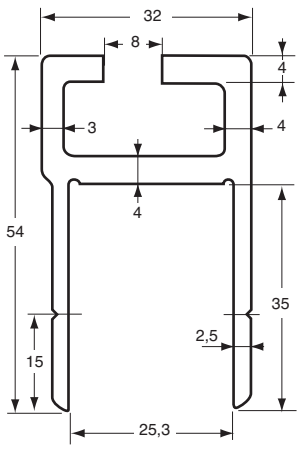
Profil d'encadrement.
Frame profile.

Référence *Reference*	Longueur *Length*	Finition *Finish*
3110307	5000	Brut (e) *Raw*
3110307AN	5000	Anodisé (e) *Anodized*



Profil d'encadrement avec battue.
Flange frame profile.

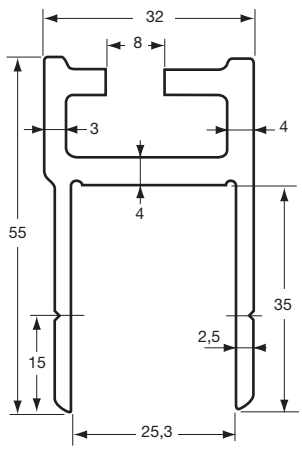
Référence *Reference*	Longueur *Length*	Finition *Finish*
3110308	5000	Brut (e) *Raw*
3110308AN	5000	Anodisé (e) *Anodized*



K IV

Profil d'encadrement pour Kinnegrip.
Frame profile for KINNEGRIP.

Référence *Reference*	Longueur *Length*	Finition *Finish*
3110312	5000	Brut (e) *Raw*
3110312AN	5000	Anodisé (e) *Anodized*

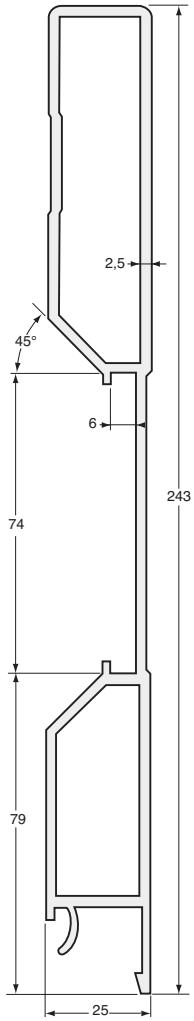


K20

Profil d'encadrement pour Kinnegrip.
Frame profile for KINNEGRIP.

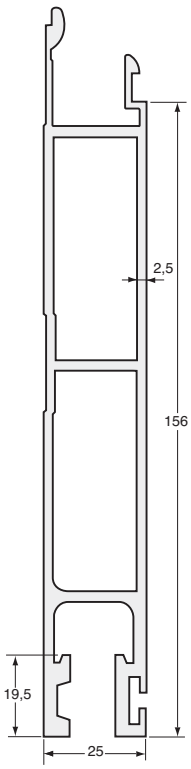
Référence *Reference*	Longueur *Length*	Finition *Finish*
3110318AN	5000	Anodisé (e) *Anodized*

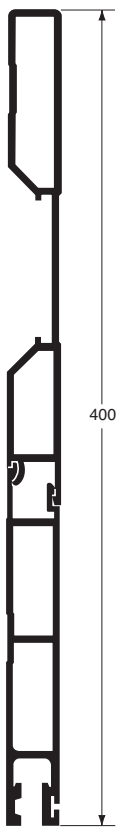
Profils aluminium / *Aluminium profile*



Profil de ridelle 250 mm.
Dropside profile, 250 mm.

Référence *Reference*	Longueur *Length*	Hauteur *Height*	Finition *Finish*
3110316AN	6100	250	Anodisé (e) *Anodized*

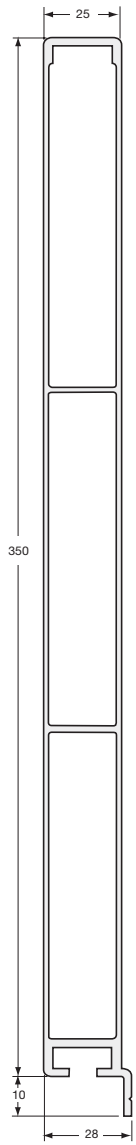




Profil de pied de ridelle 150 mm.
Bottom profile, 150 mm.

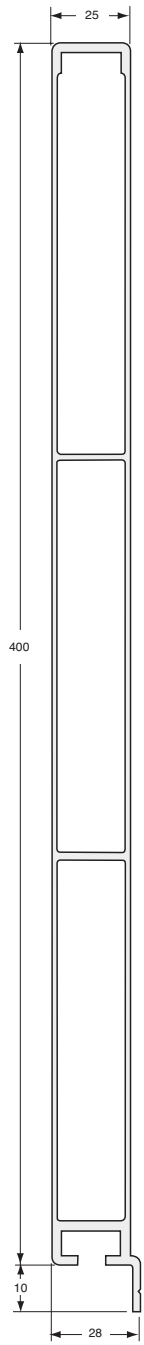
Référence *Reference*	Longueur *Length*	Hauteur *Height*	Finition *Finish*
3110315	6100	150	Brut (e) *Raw*
3110315AN	6100	150	Anodisé (e) *Anodized*

Profils aluminium / *Aluminium profile*



Profil de ridelle, 350 mm.
Dropside profile 350 mm.

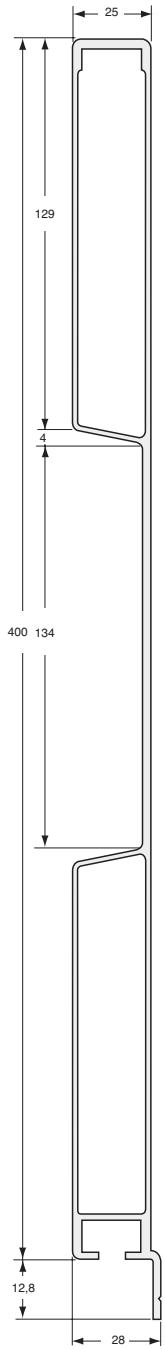
Référence *Reference*	Longueur *Length*	Hauteur *Height*	Finition *Finish*
3110321AN	3200	350	Anodisé (e) *Anodized*



Profil de ridelle, 400 mm.
Dropside profile 400 mm.

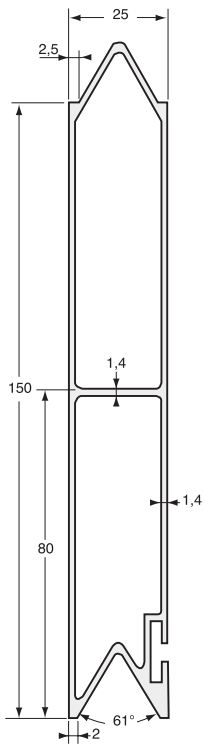
Référence *Reference*	Longueur *Length*	Hauteur *Height*	Finition *Finish*
3110319AN	6500	400	Anodisé (e) *Anodized*

Profils aluminium / *Aluminium profile*



Profil de ridelle TIR, 400 mm.
TIR dropside profile 400 mm.

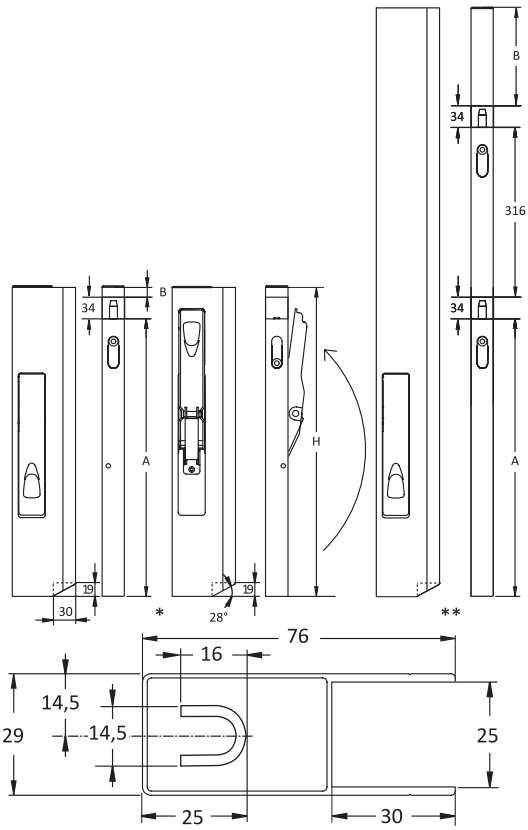
Référence *Reference*	Longueur *Length*	Hauteur *Height*	Finition *Finish*
3110320AN	6500	400	Anodisé (e) *Anodized*



Profil de réhausse.
Dropside profile.

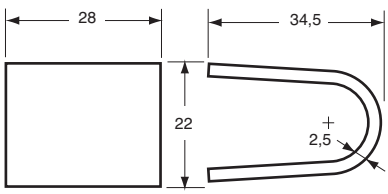
Référence *Reference*	Longueur *Length*	Longueur *Length*
3110314	3350	Brut (e) *Raw*
3110338	6700	Brut (e) *Raw*

Profil fermeture de ridelle et gâches / *Dropside lock profiles and keepers*



Fermeture de ridelle à 1 (*) ou 2 (**) pènes verticaux en acier zingué avec profil montant en aluminium anodisé.
Dropside lock, 1 (*) or 2 (**) vertical pin, in anodized aluminium profile.

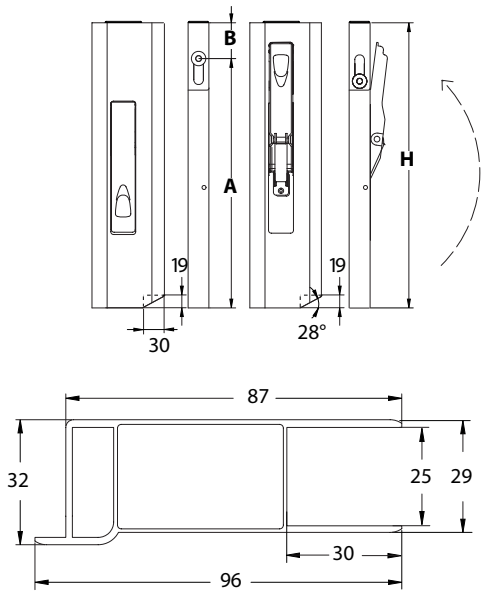
Référence *Reference*	Kg	A (mm)	B (mm)	H (mm)	Côté *Hand*	Type *Type*
3110562DR	0,625	361	15	410	Droit (e) *Right*	*
3110562GA	0,625	361	15	410	Gauche *Left*	*
3110563DR	0,730	461	15	510	Droit (e) *Right*	*
3110563GA	0,730	461	15	510	Gauche *Left*	*
3110564DR	0,845	561	15	610	Droit (e) *Right*	*
3110564GA	0,845	561	15	610	Gauche *Left*	*
3110565DR	1,010	626	150	810	Droit (e) *Right*	*
3110565GA	1,010	626	150	810	Gauche *Left*	*
3110566DR	1,645	476	150	1010	Droit (e) *Right*	**
3110566GA	1,645	476	150	1010	Gauche *Left*	**



Gâche à soudé acier brut.
Weld-on dropside catch, self colour steel.

Référence *Reference*	Kg
3110285	0,040

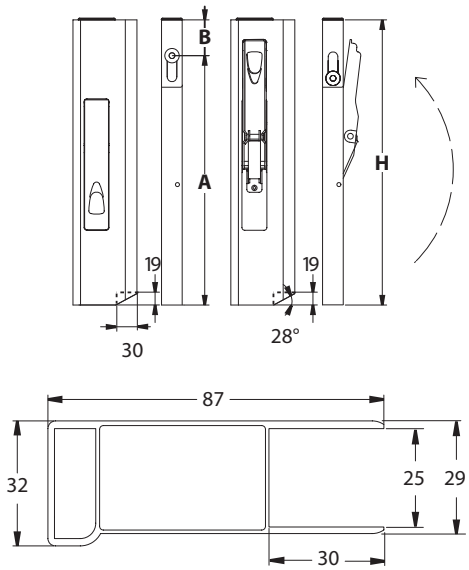
Profil fermeture de ridelle et gâches / *Dropside lock profiles and keepers*



Fermeture de ridelle à pène horizontal en acier zingué avec profil montant en aluminium anodisé, double chambre avec battue.
Dropside lock, horizontal pin, double chamber with wing, in anodized aluminium profile.

Référence *Reference*	Kg	A (mm)	B (mm)	H (mm)	Côté *Hand*
3110541DR	0,625	300	60	360	Droit (e) *Right*
3110541GA	0,625	300	60	360	Gauche *Left*
3110542DR	0,700	350	60	410	Droit (e) *Right*
3110542GA	0,700	350	60	410	Gauche *Left*
3110544DR	0,935	350	60	610	Droit (e) *Right*
3110544GA	0,935	350	60	610	Gauche *Left*

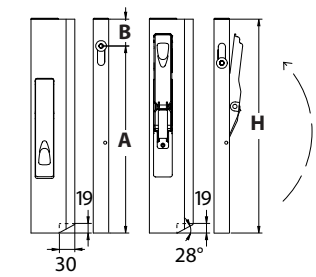
Profil fermeture de ridelle et gâches / *Dropside lock profiles and keepers*

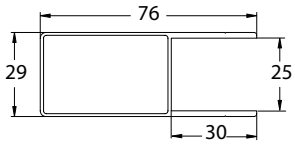


Fermeture de ridelle à pène horizontal en acier zingué avec profil montant en aluminium anodisé, double chambre sans battue.
Dropside lock, horizontal pin, double chamber, without wing, in anodized aluminium profile.

Référence *Reference*	Kg	A (mm)	B (mm)	H (mm)	Côté *Hand*
3110571DR	0,630	300	60	360	Droit (e) *Right*
3110571GA	0,630	300	60	360	Gauche *Left*
3110572DR	0,705	350	60	410	Droit (e) *Right*
3110572GA	0,705	350	60	410	Gauche *Left*
3110573DR	0,830	350	60	510	Droit (e) *Right*
3110573GA	0,830	350	60	510	Gauche *Left*
3110574DR	0,950	350	60	610	Droit (e) *Right*
3110574GA	0,950	350	60	610	Gauche *Left*

Profil fermeture de ridelle et gâches / *Dropside lock profiles and keepers*

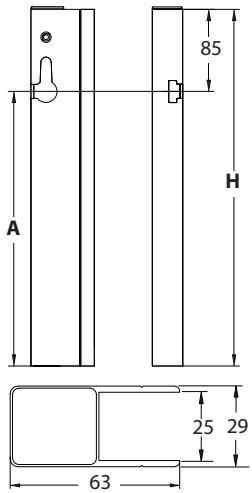




Fermeture de ridelle à pène horizontal en acier zingué avec profil montant en aluminium anodisé.
Dropside lock, horizontal pin, in anodized aluminium profile.

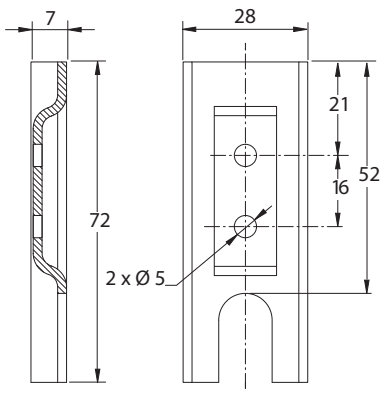
Référence *Reference*	Kg	A (mm)	B (mm)	H (mm)	Côté *Hand*
3110550DR	0,500	250	60	310	Droit (e) *Right*
3110550GA	0,500	250	60	310	Gauche *Left*
3110552DR	0,625	350	60	410	Droit (e) *Right*
3110552GA	0,625	350	60	410	Gauche *Left*

Profil fermeture de ridelle et gâches / *Dropside lock profiles and keepers*



Profil gâche en aluminium anodisé pour fermeture à pène horizontal.
Profile lock in anodized aluminium profile for dropside lock with horizontal pin.

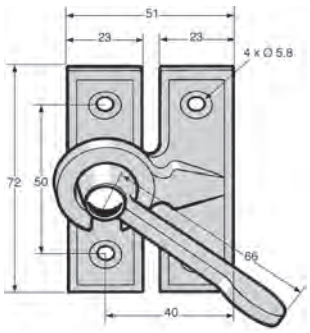
Référence *Reference*	Kg	A (mm)	H (mm)	Côté *Hand*
3110550PD	0,350	225	310	Droit (e) *Right*
3110550PG	0,350	225	310	Gauche *Left*
3110552PD	0,460	325	410	Droit (e) *Right*
3110552PG	0,460	325	410	Gauche *Left*



Gâche en acier pour fermeture à pène horizontal.
Dropside catch for dropside lock with horizontal pin.

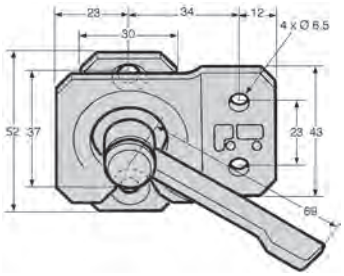
Référence *Reference*	Kg	Finition *Finish*
3110540GZ	0,037	Acier zingué *Zinc plated*
3110540GB	0,037	Acier brut *Raw steel*

Fermetures diverses et antiluce / *Various fasteners and antiluce fasteners*



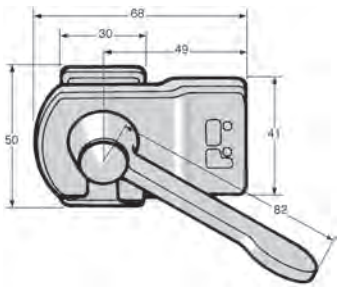
Fermeture aile de mouche, acier zingué bichromaté.
Bichromated zinc plated steel, turnbuckle lock.

Référence *Reference*	Kg	Côté *Hand*
3343720DR	0,240	Droit (e) *Right*
3343720GA	0,240	Gauche *Left*



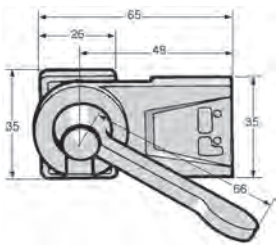
Fermeture aile de mouche, acier zingué bichromaté.
Bichromated zinc plated steel, turnbuckle lock.

Référence *Reference*	Kg	Côté *Hand*
3343796DR	0,170	Droit (e) *Right*
3343796GA	0,170	Gauche *Left*



Fermeture aile de mouche, acier brut.
Self colour steel, turnbuckle lock.

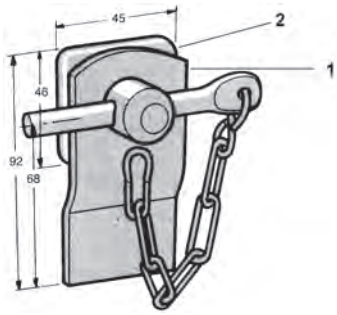
Référence *Reference*	Kg	Côté *Hand*
3204379DR	0,320	Droit (e) *Right*
3204379GA	0,320	Gauche *Left*



Fermeture aile de mouche, acier brut.
Self colour steel turnbuckle lock.

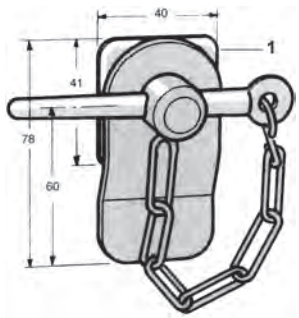
Référence *Reference*	Kg	Côté *Hand*
3243794DR	0,200	Droit (e) *Right*
3243794GA	0,200	Gauche *Left*

Fermetures diverses et antiluce / *Various fasteners and antiluce fasteners*



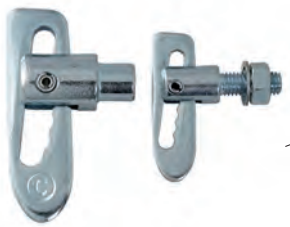
Fermeture à chaînette, à goupille cylindrique, acier brut.
Dropside lock with chain and cylindrical cotter, self colour steel.

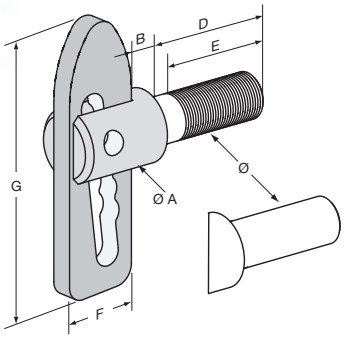
Référence *Reference*	Kg	Type *Type*
3243680	0,400	-



Fermeture à chaînette, à goupille conique, acier brut.
Dropside lock with chain and conical cotter, self colour steel.

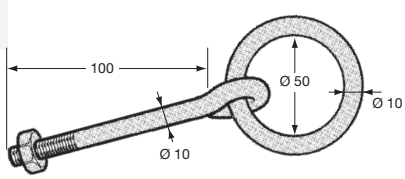
Référence *Reference*	Kg	Type *Type*
3243681	0,300	-





Fermeture Antiluce, avec écrou et rondelle (*).
Antiluce fastener, with nuts and washers (*).

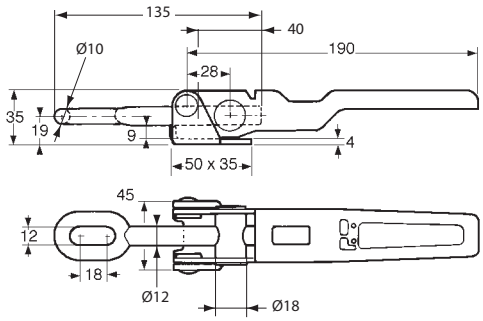
Référence *Reference*	Kg	B (mm)	D (mm)	E (mm)	F (mm)	G (mm)	Ø A	Type *Type*
3243685	0,090	6,4	12	-	20	72	19	
3243687	0,040	6,4	21	19	14	50	13	*
3243688	0,101	6,4	33	28	19,8	71	19	
3243689	0,096	6,4	26	21	19,8	71	19	



Anneau d'écurie, acier zingué.
Zinc plated steel ring.

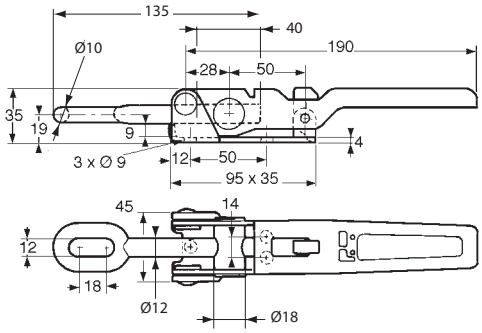
Référence *Reference*	Kg
3243801	0,200

Fermetures excentriques et crochets / *Locking gear and couplings*



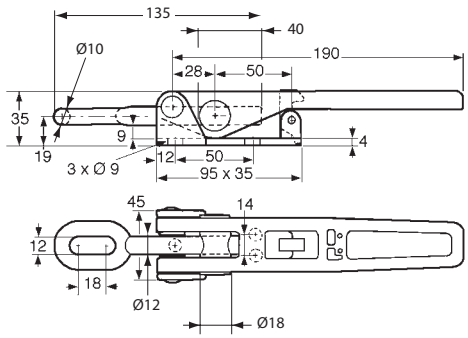
Fermeture excentrique à souder, acier brut, sans crochet, sans goupille béta.
Weld-on locking gear, self colour steel, without hook, without beta wire spring cotter.

Référence *Reference*	Kg
3343657	0,555



Fermeture excentrique à visser, avec verrouillage de sécurité, acier zingué, sans crochet.
Locking gear to be screwed, with safety retaining mechanism, zinc plated steel, without hook.

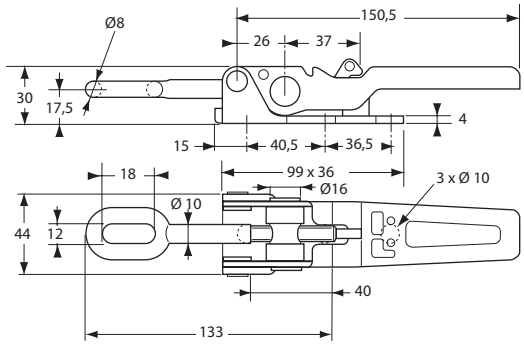
Référence *Reference*	Kg
3343658	0,630



Fermeture excentrique à visser, avec verrouillage de sécurité, acier zingué, sans crochet.
Locking gear to be screwed, with safety retaining mechanism, zinc plated steel, without hook.

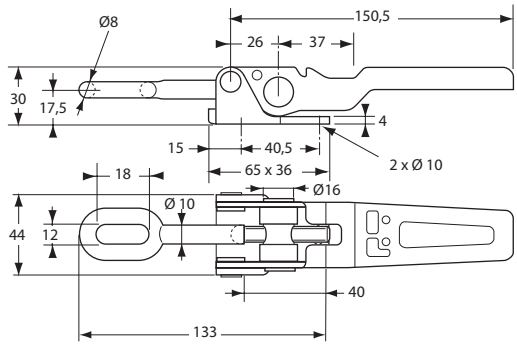
Référence *Reference*	Kg
3343659	0,850

Fermetures excentriques et crochets / *Locking gear and couplings*



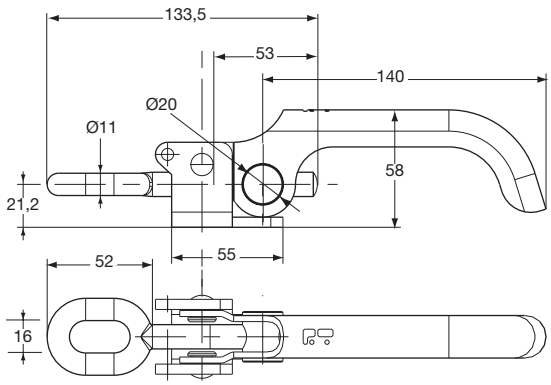
Fermeture excentrique à visser, avec verrouillage de sécurité, acier zingué passivé, sans crochet.
Locking gear to be screwed, with safety retaining mechanism, zinc plated steel, without hook.

Référence *Reference*	Kg
3343682	0,451



Fermeture excentrique à visser, acier zingué, sans crochet.
Locking gear to be screwed, zinc plated steel, without hook.

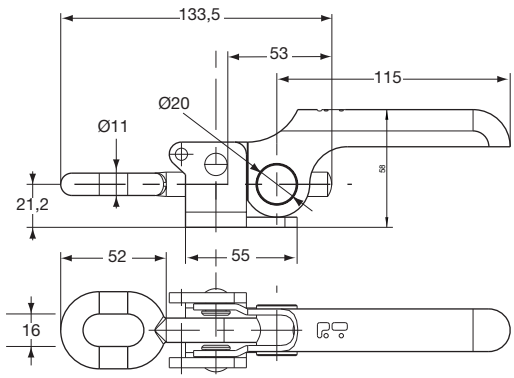
Référence *Reference*	Kg
3343683	0,410



Fermeture excentrique à souder acier zingué, support acier brut, sans crochet.
Zinc plated steel locking gear to be welded, raw steel base, without hook.

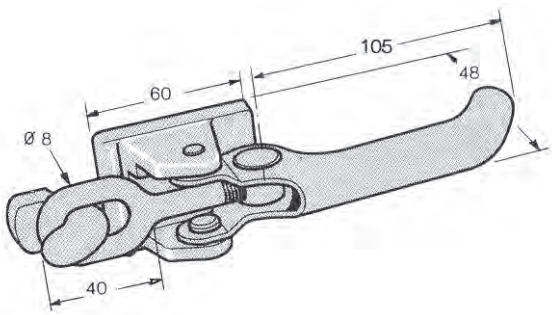
Référence *Reference*	Kg
3243660 S	0,550

Fermetures excentriques et crochets / *Locking gear and couplings*



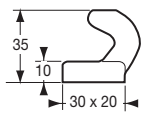
Fermeture excentrique à souder acier zingué, support acier brut, sans crochet.
Zinc plated steel locking gear to be welded, raw steel base, without hook.

Référence *Reference*	Kg
3243665	0,500



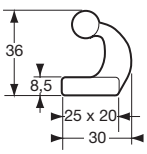
Fermeture excentrique à souder, acier peint, avec crochet brut.
Paint steel locking gear to be welded, with raw hook.

Référence *Reference*	Kg
3243664	0,600



Crochet seul acier brut.
Self colour steel hook.

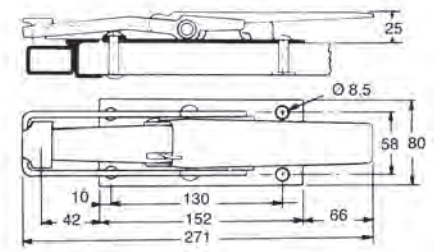
Référence *Reference*	Kg
3343657CR	0,08



Crochet seul acier brut.
Hook alone, self colour steel.

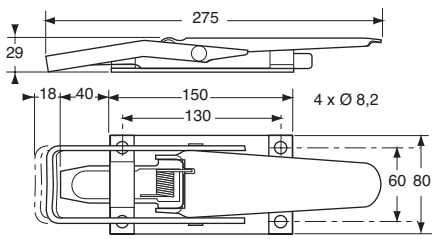
Référence *Reference*	Kg
3343682CR	0,055

Fermetures excentriques et crochets / *Locking gear and couplings*



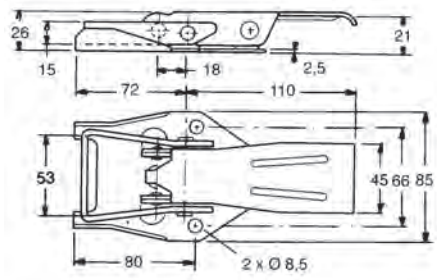
Fermeture Tico.
Tico lock assembly.

Référence *Reference*	Kg	Type *Type*	Finition *Finish*
3343663	1,015	-	Acier zingué *Zinc plated*
3343663FS	0,960	1	Acier zingué *Zinc plated*
3343663GA	0,055	2	Acier brut *Raw steel*



Fermeture en acier zingué avec gâche à souder.
Zinc plated steel lock with keeper to be weld-on.

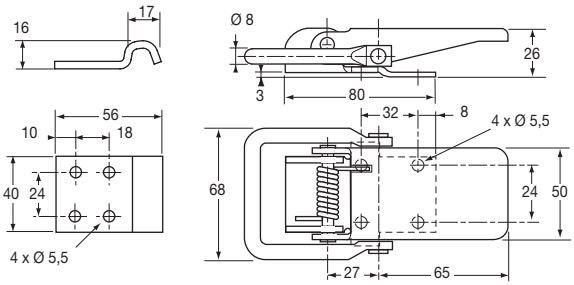
Référence *Reference*	Kg
3343669	1,1



Fermeture de ridelle cadenassable, acier zingué, avec gâche à souder.
Zinc plated steel dropside locking gear for padlock,with keeper to be welded.

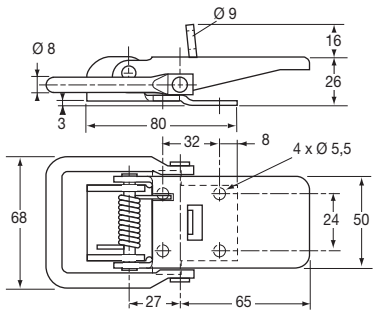
Référence *Reference*	Kg
3343665	0,45

Fermetures excentriques et crochets / *Locking gear and couplings*



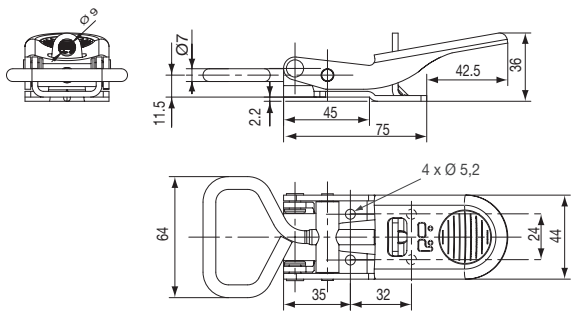
Fermeture non cadenassable, avec crochet, acier zingué.
Zinc plated trunk fastener without padlock with hook.

Référence *Reference*	Kg
3343680	0,425



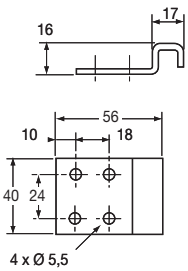
Fermeture cadenassable, sans crochet acier cataphorèse.
Zinc plated trunk fastener with padlock without hook.

Référence *Reference*	Kg
3343681SC	0,425



Fermeture réglable et cadenassable, acier zingué.
Zinc plated lockable and ajustable trunkfastener.

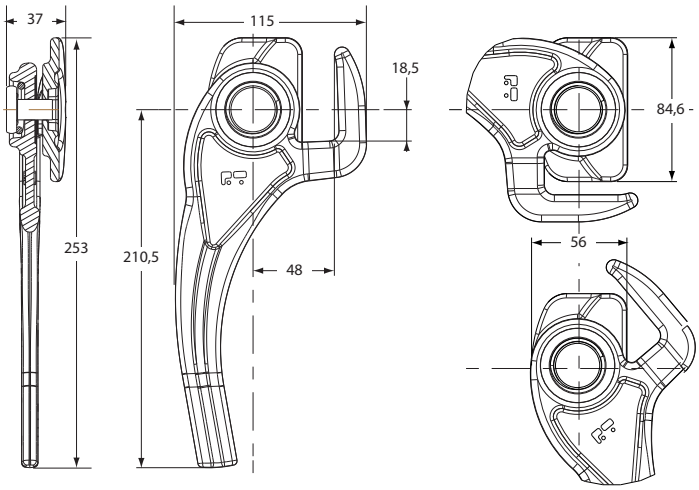
Référence *Reference*	Kg
3343690	0,285



Crochet seul, acier zingué.
Hook alone.

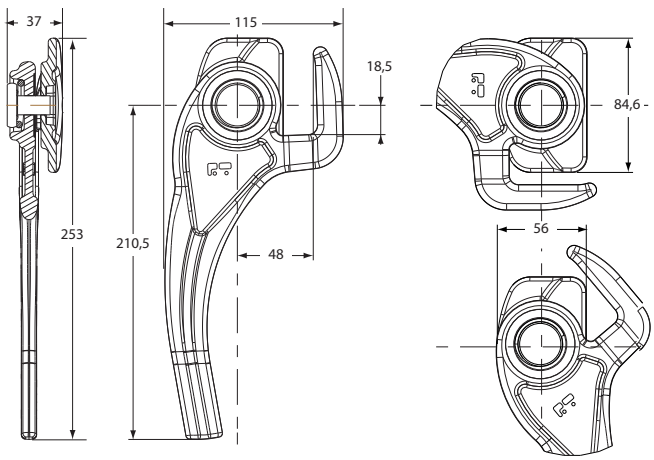
Référence *Reference*	Kg
3343690CR	0,085

Fermetures de ridelles / *Dropside locks*



Fermeture de ridelle sécurisé avec gâche.
Secured dropside lock with keeper.

Référence *Reference*	Kg	Côté *Hand*
3343672DR	1,080	Droit (e) *Right*
3343672GA	1,080	Gauche *Left*



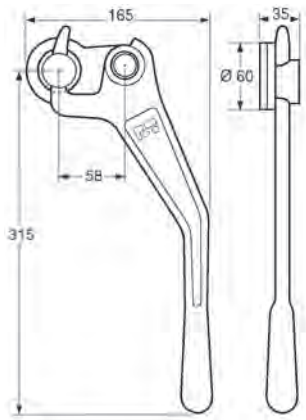
Fermeture de ridelle sécurisé sans gâche.
Secured dropside lock without keeper.

Référence *Reference*	Kg	Côté *Hand*
3343672SD	1,000	Droit (e) *Right*
3343672SG	1,000	Gauche *Left*

Gâche acier brut pour fermeture 3343672DR, 3343672GA.
Self colour steel keeper for lock 3343672DR, 3343672GA.

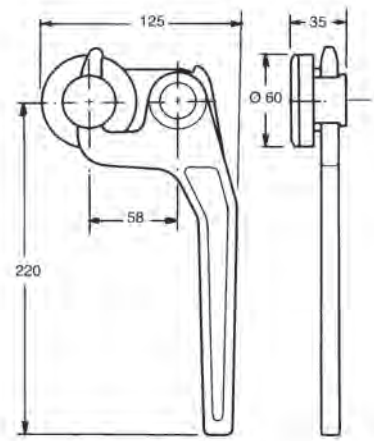
Référence *Reference*	Kg
3343671 S	0,080

Fermetures de ridelles / *Dropside locks*



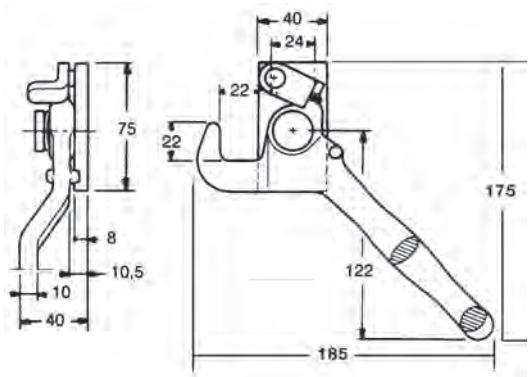
Fermeture de ridelle brute avec gâche.
Self colour steel dropside locking gear with keeper.

Référence *Reference*	Kg	Côté *Hand*
3343677DR	1,640	Droit (e) *Right*
3343677GA	1,640	Gauche *Left*



Fermeture de ridelle brute avec gâche.
Dropside locking gear with keeper, self colour steel.

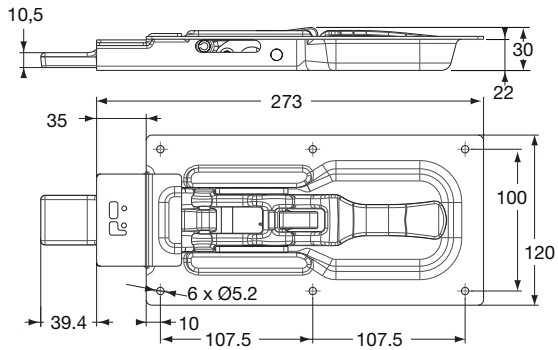
Référence *Reference*	Kg	Côté *Hand*
3243666DR	1,100	Droit (e) *Right*
3243666GA	1,100	Gauche *Left*



Fermeture de ridelle zinguée.
Zinc plated steel dropside locking gear.

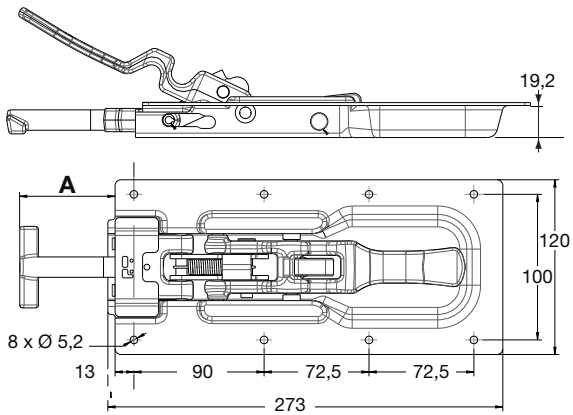
Référence *Reference*	Kg	Côté *Hand*
3343676DR	0,620	Droit (e) *Right*
3343676GA	0,620	Gauche *Left*

Fermetures de ridelles encastrées / *Recessed locking dropside gear*



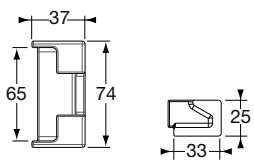
Fermeture à encastrer, acier zingué.
Recessed locking gear, zinc plated steel.

Référence *Reference*	Kg
3368250DE	1,478



Fermeture de ridelle avec sécurite, pêne en T.
Secured locking gear.

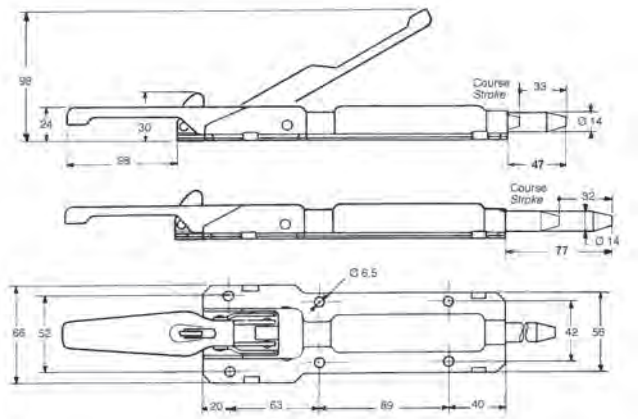
Référence *Reference*	Kg
3368231	1,480



Gâche pour fermeture 3368231, acier zingué.
Keeper for lock 3368231, zinc plated steel.

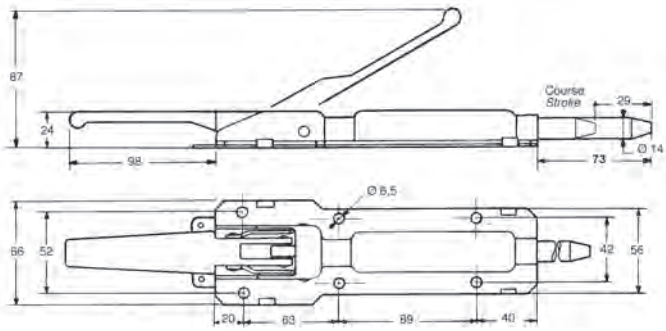
Référence *Reference*	Kg	Pour *For*
3368227GA	0,207	3368231

Verrous à pênes / *Bolt locks*



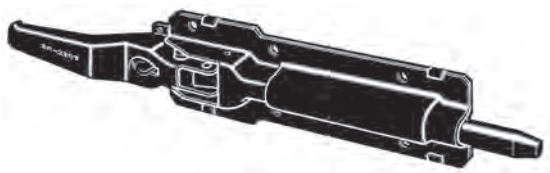
Verrou, acier zingué, avec verrouillage de sécurité de la poignée. Avec pène long 77 mm (*) ou pène court 47 mm (**).
Locking gear, zinc plated steel, with safety retaining mechanism for the handle. With long bolt 77 mm (*) or short bolt 47 mm (**).

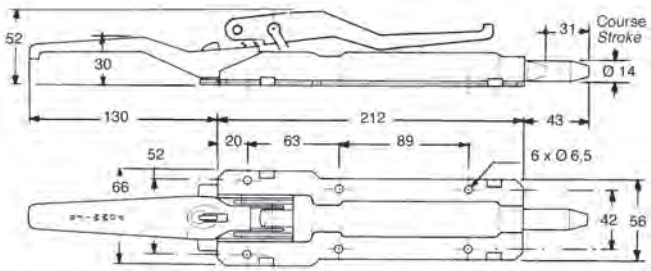
Référence *Reference*	Kg	Type *Type*
3343633	0,855	*
3343634	0,805	**



Verrou à pène long 73 mm, acier zingué.
Zinc plated steel lock with long shoot bolt 73 mm.

Référence *Reference*	Kg
3343631	0,95

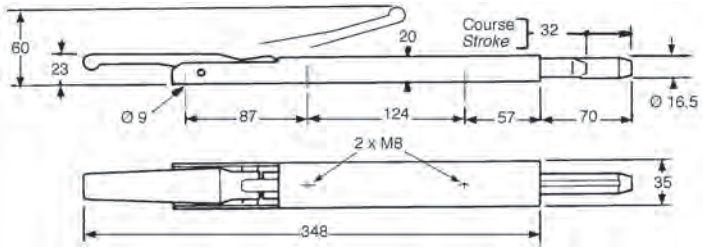




Verrou à poignée rabattable, acier cataphorèse.
Locking gear with handle that can be folded on cataphorese plated steel.

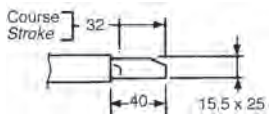
Référence *Reference*	Kg
3343635	0,87

Verrous à pênes / *Bolt locks*



Verrou de ridelle à pène rond, acier zingué.
Round cam zinc plated steel lock.

Référence *Reference*	Kg
3343623	1,075



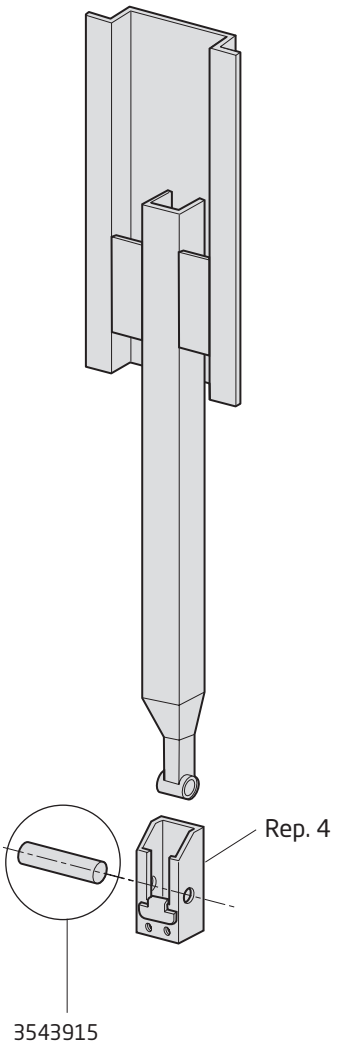
Verrou de ridelle à pène prismatique, acier zingué.
Rectangular cam zinc plated steel lock.

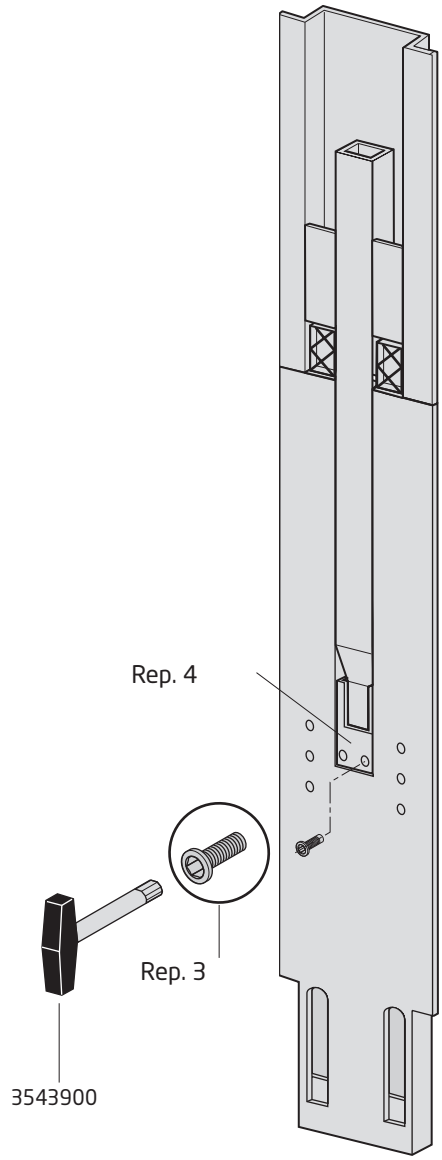
Référence *Reference*	Kg
3343637	1,055

Ranchers KINNEGRIP K20 / *KINNEGRIP K20 pillars*

Kinnegrip

Fixation du Kinnetop sur le rancher.
Attaching the Kinnetop to the Rancher.

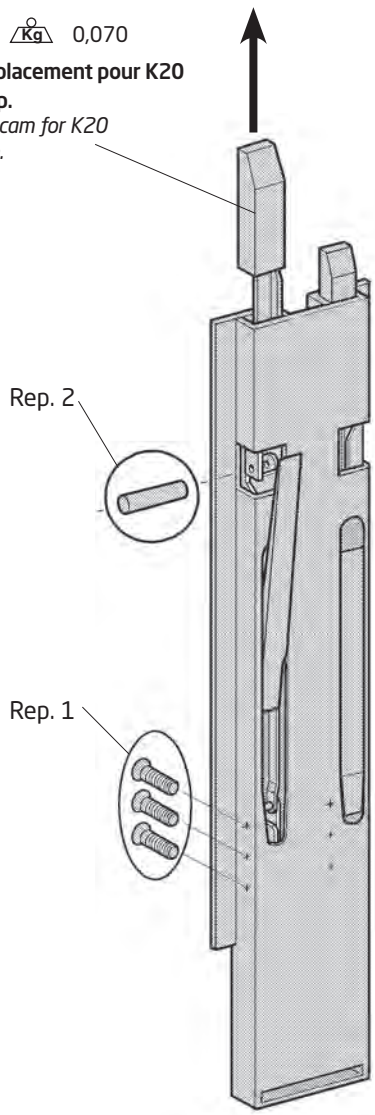




Démontage d'un levier.
Removing a lever.

3543917 Kg 0,070

Pène de remplacement pour K20 avec kinnetop.
Replacement cam for K20 with kinnetop.



FIXATION DU KINNETOP SUR LE RANCHER.
Pour rendre solidaire le Kinnetop sur le rancher, il suffit de dévisser les 2 vis (rep. 3) avec la clé réf. 3543900, sortir la pièce (rep. 4), positionner celle-ci sur le Kinnetop, monter l'axe réf. 3543915. Remettre en place l'ensemble (rep. 4) puis serrer les 2 vis (rep. 3).

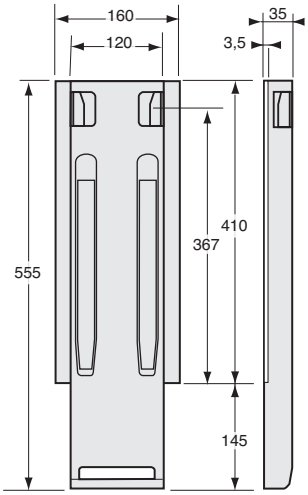
DÉMONTAGE D'UN LEVIER.
Sur le Kinnegrip® K20, il est possible de remplacer les leviers lorsque ceux-ci sont endommagés.
Dévisser les 3 vis (rep. 1), déplacer l'ensemble du mécanisme vers le haut jusqu'à l'apparition de la goupille (rep. 2).
Pour enlever la goupille (rep. 2), il est nécessaire d'incliner légèrement le levier.
Pour la mise en place du nouveau mécanisme effectuer la même opération en sens inverse.

ATTACHING THE KINNETOP TO THE RANCHER.
To attach the Kinnetop to the Rancher, remove the two screws (Item 3) using the key (Ref.: 3543900). remove the part (Item 4), position it on the Kinnetop, install the hinge pin (Ref.: 3543915). Reinstall the unit (Item 4) and tighten both screws (Item 3).

REMOVING A LEVER.
On the Kinnegrip® K20, damaged levers can be replaced.
Remove the three screws (Item 1), slide the entire mechanism up until the hinge pin (Item 2) is visible.
To remove the hinge pin (Item 2), tilt the lever slightly.
Perform the same operations starting from the last to install a new mechanism.

Ranchers KINNEGRIP K 20 / *KINNEGRIP K 20 pillar*

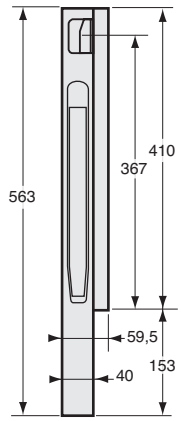
Kinnegrip



K20 400

Rancher de 400 mm, modèle latéral, acier peint, livré avec embase.
Side hand pillar, 400 mm, painted steel, with socket.

Référence *Reference*	Kg	Hauteur *Height*
3543878	7,9	555

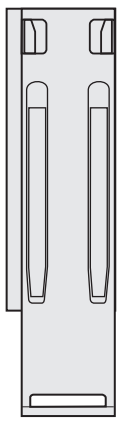


K20 400

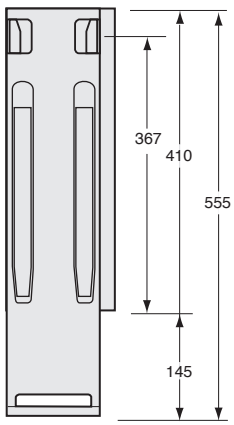
Rancher de 400 mm, modèle avant fixe, acier peint.
Front non removable pillar, 400 mm, painted steel.

Référence *Reference*	Kg	Hauteur *Height*	Côté *Hand*
3543881	2,5	563	Gauche *Left*
3543882	2,5	563	Droit (e) *Right*

G



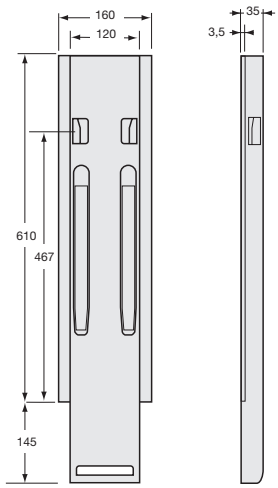
D



K20 400

Rancher de 400 mm, modèle arrière double, acier peint, livré avec embase.
Rear double pillar, 400 mm, painted steel, with socket.

Référence *Reference*	Kg	Hauteur *Height*	Côté *Hand*
3543879	7,7	555	Gauche *Left*
3543880	7,7	555	Droit (e) *Right*



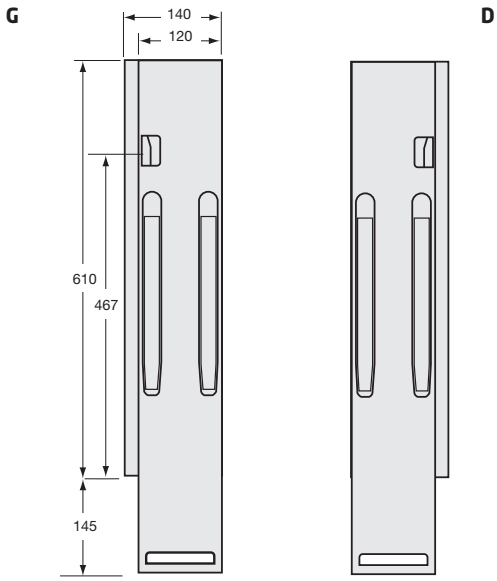
K20 600

Rancher de 600 mm, modèle latéral, livré avec embase.
Side hand pilar, 600 mm, with socket.

Référence	Kg	Hauteur *Height*	Finition *Finish*
3543884	10,37	755	Acier peint *Painted steel*
3543926	5,87	755	Aluminium anodisé (e) *Anodized aluminium*

Ranchers KINNEGRIP K 20 / *KINNEGRIP K 20 pillar*

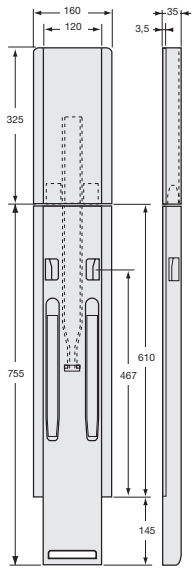
Kinnegrip



K20 600

Rancher de 600 mm, modèle arrière double, acier peint, livré avec embase.
Rear double pillar, 600 mm, with socket, painted steel.

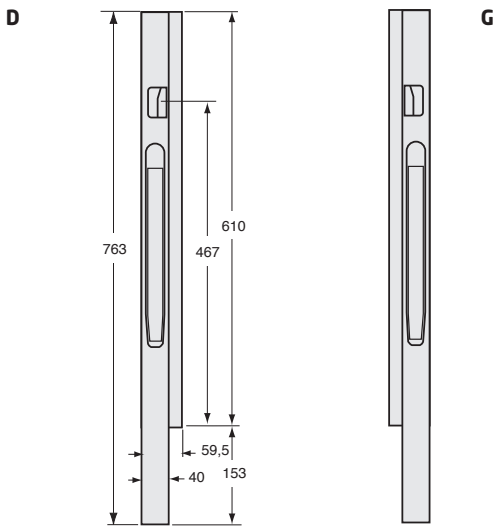
Référence *Reference*	Kg	Hauteur *Height*	Côté *Hand*
3543885	10,07	755	Gauche *Left*
3543886	10,07	755	Droit (e) *Right*



K20 600

Rancher de 600 mm, modèle latéral, livré avec Kinnetop et embase.
Side hand pillar, 600 mm, with Kinnetop and socket.

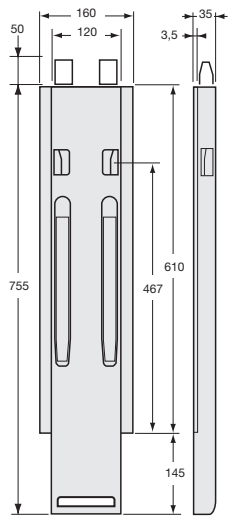
Référence *Reference*	Kg	Hauteur *Height*	Finition *Finish*
3543883	13,37	1080	Acier peint *Painted steel*
3543927	9,17	1080	Aluminium anodisé (e) *Anodized aluminium*



K20 600

Rancher de 600 mm, modèle avant fixe, acier peint.
Front non removable pillar, 600 mm, painted steel.

Référence *Reference*	Kg	Hauteur *Height*	Côté *Hand*
3543887	3,1	763	Gauche *Left*
3543888	3,1	763	Droit (e) *Right*

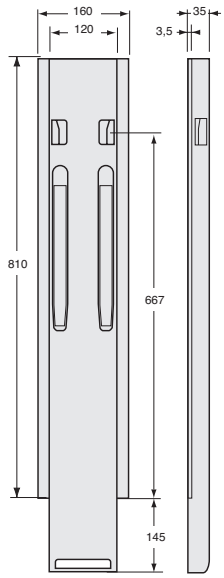


K20 600

Rancher de 600 mm, modèle latéral, livré sans Kinnetop ni embase.
Side hand pillar, 600 mm, without Kinnetop and socket.

Référence *Reference*	Kg	Hauteur *Height*	Finition *Finish*
3543883SK	9,5	805	Acier peint *Painted steel*
3543927SK	5,3	805	Aluminium anodisé (e) *Anodized aluminium*

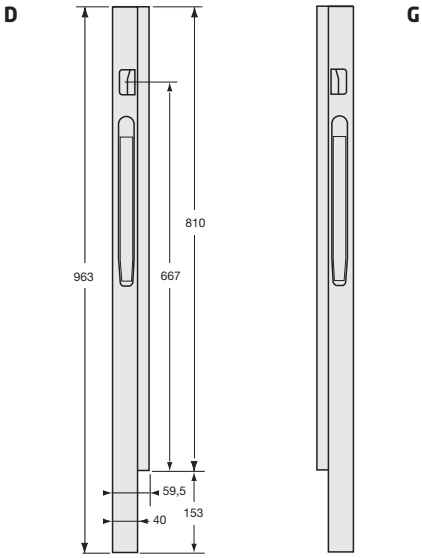
Ranchers KINNEGRIP K 20 / *KINNEGRIP K 20 pillar*



K20 800

Rancher de 800 mm, modèle latéral, livré avec embase.
Side hand pillar, 800 mm, with socket.

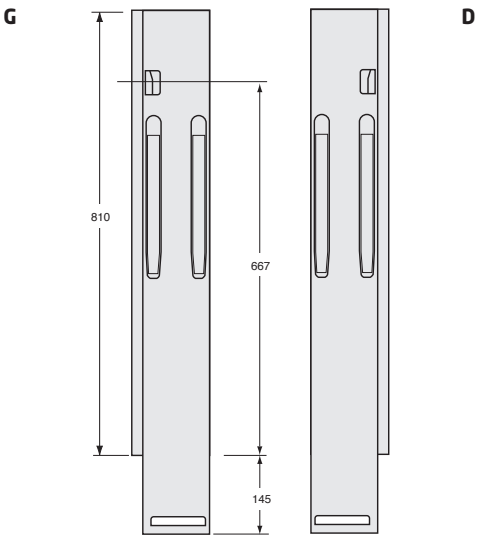
Référence *Reference*	Kg	Hauteur *Height*	Finition *Finish*
3543890	12,67	955	Acier peint *Painted steel*
3543933	6,87	955	Aluminium anodisé (e) *Anodized aluminium*



K20 800

Rancher de 800 mm, acier peint.
Front non removable pillar, 800 mm, painted steel.

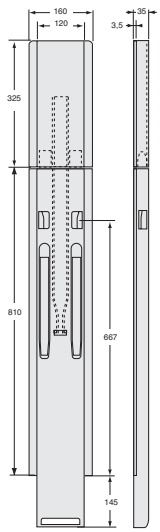
Référence *Reference*	Kg	Hauteur *Height*	Côté *Hand*
3543894	4,1	963	Gauche *Left*
3543895	4,1	963	Droit (e) *Right*



K20 800

Rancher de 800 mm, acier peint, livré avec embase.
Front non removable, 800 mm, with socket, painted steel.

Référence *Reference*	Kg	Hauteur *Height*	Côté *Hand*
3543892	12,47	955	Gauche *Left*
3543893	12,47	955	Droit (e) *Right*



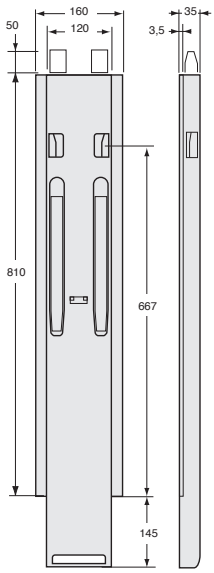
K20 800

Rancher de 800 mm, modèle latéral, livré avec Kinnetop et embase.
Side hand, 800 mm, with Kinnetop and socket.

Référence *Reference*	Kg	Hauteur *Height*	Finition *Finish*
3543891	15,97	1280	Acier peint *Painted steel*
3543934	10,47	1280	Aluminium anodisé (e) *Anodized aluminium*

Ranchers KINNEGRIP K 20 / *KINNEGRIP K 20 pillar*

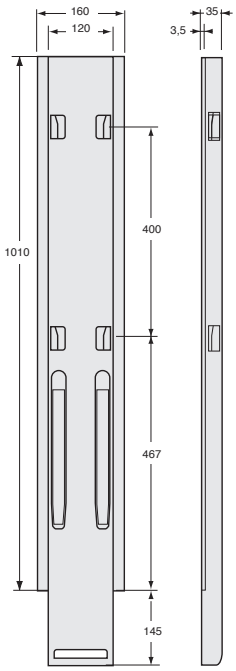
Kinnegrip



K20 800

Rancher de 800 mm, modèle latéral, livré sans Kinnetop ni embase.
Side hand pillar, 800 mm, without Kinnetop and socket.

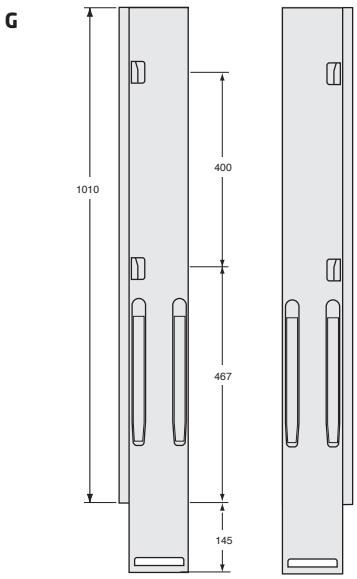
Référence *Reference*	Kg	Hauteur *Height*	Finition *Finish*
3543891SK	11,8	1005	Acier peint *Painted steel*
3543934SK	6,3	1005	Aluminium anodisé (e) *Anodized aluminium*



K20 1000

Rancher de 1000 mm, modèle latéral, acier peint, livré avec embase.
Side hand pillar, 1000 mm, with socket, painted steel.

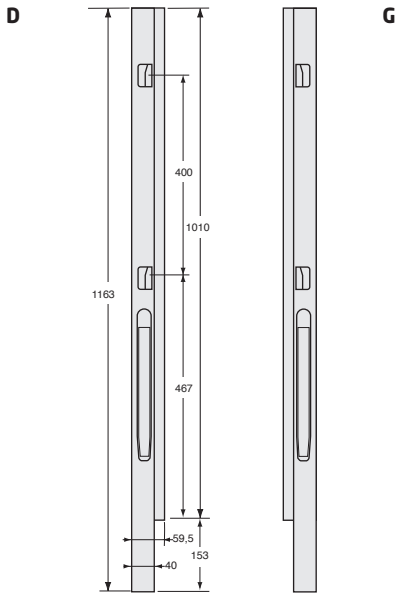
Référence *Reference*	Kg	Hauteur *Height*
3543904	14,77	1155



K20 1000

Rancher de 1000 mm, acier peint, arrière double, livré avec embase.
Rear double pillar, 1000 mm, with socket, painted steel.

Référence *Reference*	Kg	Hauteur *Height*	Côté *Hand*
3543906	14,07	1155	Gauche *Left*
3543907	14,07	1155	Droit (e) *Right*

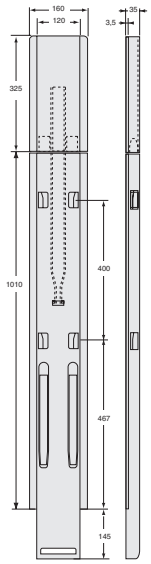


K20 1000

Rancher de 1000 mm, modèle avant, acier peint.
Front non removable pillar, 1000 mm, painted steel.

Référence *Reference*	Kg	Hauteur *Height*	Côté *Hand*
3543908	4,9	1163	Gauche *Left*
3543909	4,9	1163	Droit (e) *Right*

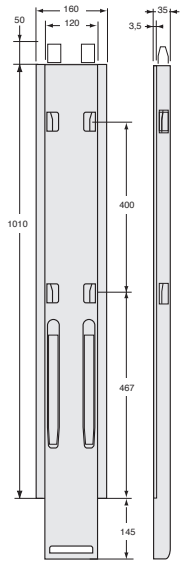
Ranchers KINNEGRIP K 20 / *KINNEGRIP K 20 pillar*



K20 1000

Rancher de 1000 mm, modèle latéral, livré avec Kinnetop et embase, acier peint.
Side hand pillar, 1000 mm, with Kinnetop and socket, painted steel.

Référence *Reference*	Kg	Hauteur *Height*
3543905	17,97	1480



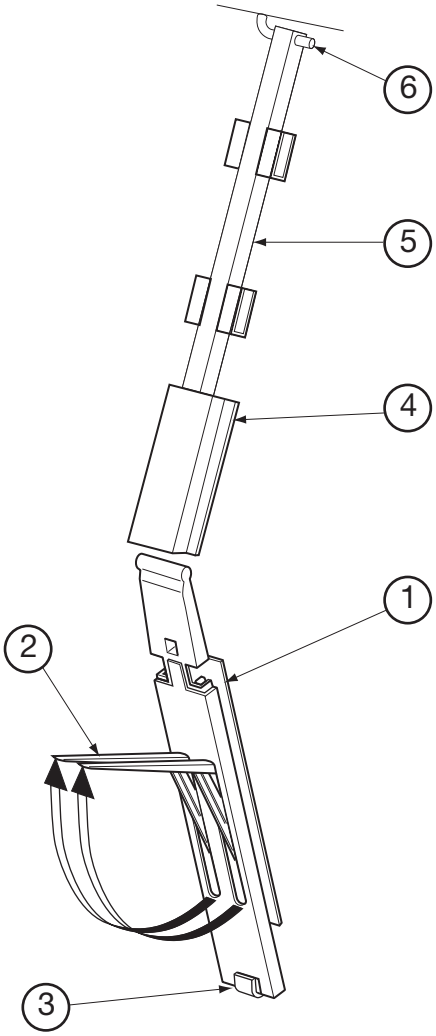
K20 1000

Rancher de 1000 mm, modèle latéral, livré sans Kinnetop et sans embase, acier peint.
Side hand pillar, 1000 mm, without Kinnetop and socket, painted steel.

Référence *Reference*	Kg	Hauteur *Height*
3543905SK	13,8	1205

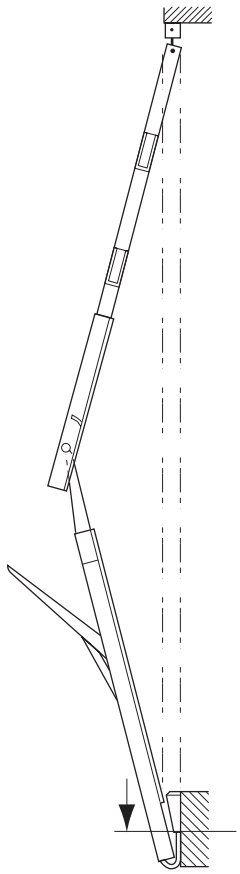
Ranchers KINNEGRIP KIV / *KINNEGRIP KIV pillars*

Kinnegrip



Tous les avantages Kinnegrip® avec en plus :
2,43 m intérieur sans découper la rive.
Le Kinnegrip® IV avec Kinnetop est un poteau (Rancher) amovible sans débâcher, dans lequel sont incorporées les fermetures de ridelles.
Il se compose :
- **d'un poteau (repère 1) où sont intégrées les fermetures actionnées par les leviers (repère 2)**
- **d'une embase à souder (repère 3) directement sur la rive, sans entailler, et qui permet 2,43 m intérieur.**
- **d'un morceau de profil oméga (repère 4) qui permet à l'ensemble du poteau de s'articuler et de se séparer en deux parties.**
  Cet oméga est à rallonger à la demande par un tube, un "U" ou un oméga (repère 5 non fourni).

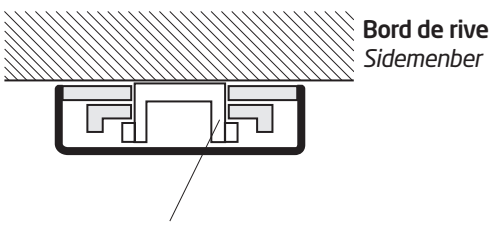
L'extrémité du poteau peut être percée pour recevoir un axe soudé sous la barre faîtière (repère 6), d'où le demi poteau supérieur pourra être dégagé par un mouvement latéral. On peut aussi utiliser l'articulation 3543853.



All advantages of Kinnegrip® and installation of the pillar without cutting the sidemember on vehicles with inner body of 2,43 m.
The Kinnegrip® IV pillar with Kinnetop can be folded without removing the cover. The pillar includes dropside locks and is composed of:
- *a pillar (rep. 1) incorparating the built inhandles of the dropside locks (rep. 2).*
- *a socket to be welded (rep. 3) directly on the sidemember without cutting it, for 2,43 m body inner.*
- *an "omega" section piece (rep. 4). The pillar is articulated and can be separated from the upper section. The length of the "omega" section adjusted at request by adding a tube, a "U" profile or an other "omega" section (rep. 5 not supplied).*

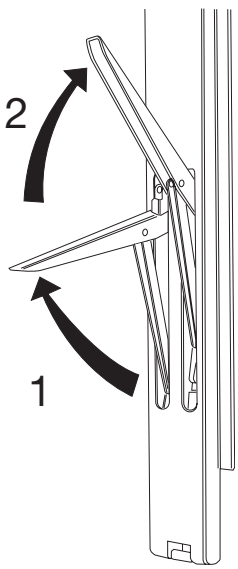
Holes can be made in the upper end of the pillar to receive a pin welded under the supporting rail of the cover (rep. 6) then the upper part of the pillar can be removed laterally. The joint 3543853 can also be used.

Coupe BB
Section BB

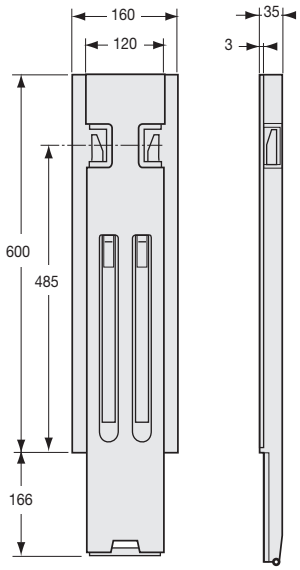


2. Deuxième manœuvre : déverrouillage du poteau, permet la dépose de celui-ci.
2. Second position of levers: pillar is unlocked and can be removed.

1. Première manœuvre : déverrouillage des ridelles.
1. First position of levers: Dropside can be opened.



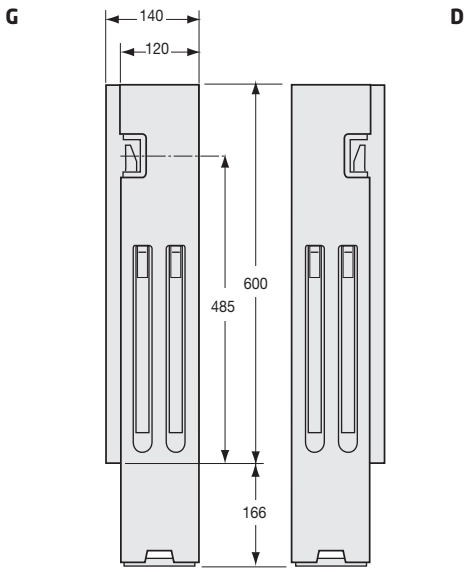
Ranchers KINNEGRIP KIV / *KINNEGRIP KIV pillar*



KIV 600

Rancher de 600 mm, modèle latéral, acier peint, livré avec embase.
Side hand pillar, 600 mm, with socket, painted steel.

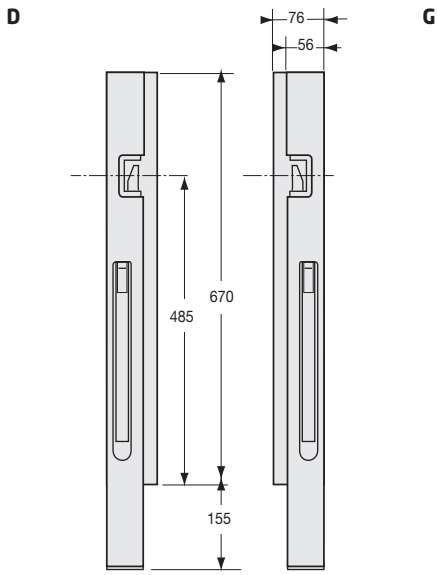
Référence *Reference*	Kg	Hauteur *Height*
3543864	11,5	766



KIV 600

Rancher de 600 mm, arrière double, acier peint, livré avec embase.
Rear double pillar, 600 mm, without kinnetop and socket, painted steel.

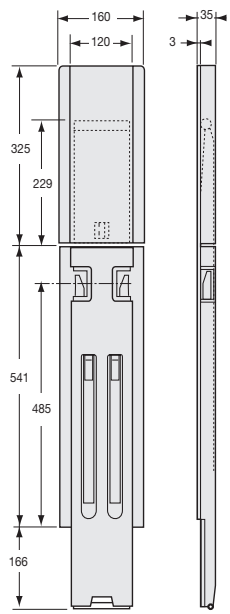
Référence *Reference*	Kg	Hauteur *Height*	Côté *Hand*
3543867	11,5	766	Gauche *Left*
3543868	11,5	766	Droit (e) *Right*



KIV 600

Rancher de 600 mm, avant fixe, acier peint.
Front non remouvable pillar, 600 mm, painted steel.

Référence *Reference*	Kg	Hauteur *Height*	Côté *Hand*
3543865	5,8	825	Gauche *Left*
3543866	5,8	825	Droit (e) *Right*



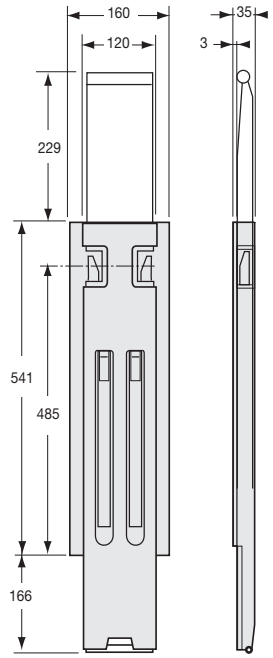
KIV 600

Rancher de 600 mm, modèle latéral, livré avec Kinnetop et embase, acier peint.
Side hand pillar, 600 mm, with Kinnetop and socket, painted steel.

Référence *Reference*	Kg	Hauteur *Height*
3543863	13,4	1032

Ranchers KINNEGRIP KIV / *KINNEGRIP KIV pillar*

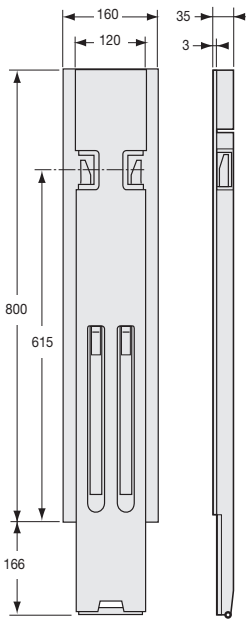
Kinnegrip



KIV 600

Rancher de 600 mm, modèle latéral, livré sans Kinnetop ni embase, acier peint.
Side hand pillar, 600 mm, without Kinnetop and socket, painted steel.

Référence *Reference*	Kg	Hauteur *Height*
3543863SK	11	936

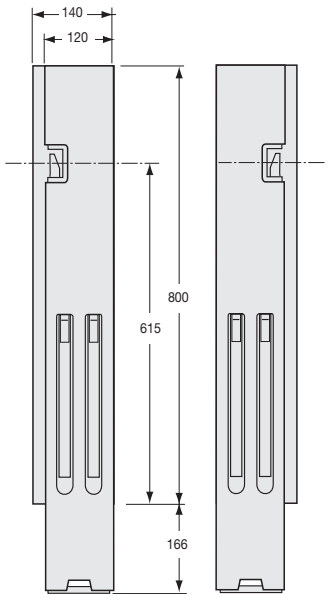


KIV 800

Rancher de 800 mm, modèle latéral, acier peint, livré avec embase.
Side hand pillar, 800 mm, with socket, painted steel.

Référence *Reference*	Kg	Hauteur *Height*
3543840	15,5	966

G D

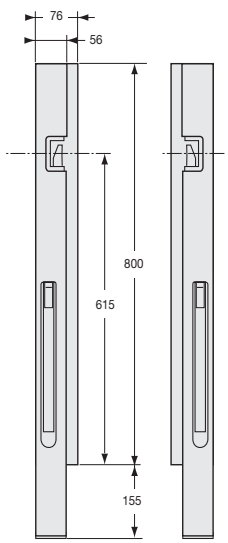


KIV 800

Rancher de 800 mm, arrière double, acier peint, livré avec embase.
Rear double pillar, 800 mm, with socket, painted steel.

Référence *Reference*	Kg	Hauteur *Height*	Côté *Hand*
3543842	15	966	Gauche *Left*
3543843	15	966	Droit (e) *Right*

D G

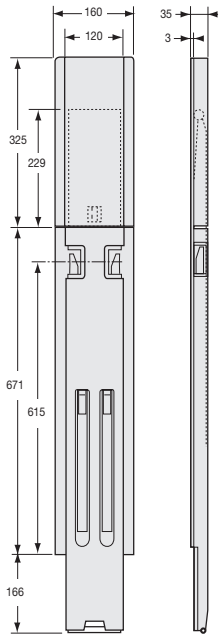


KIV 800

Rancher de 800 mm, avant fixe, acier peint.
Front non removable pillar, 800 mm, painted steel.

Référence *Reference*	Kg	Hauteur *Height*	Côté *Hand*
3543844	6,6	955	Gauche *Left*
3543845	6,6	955	Droit (e) *Right*

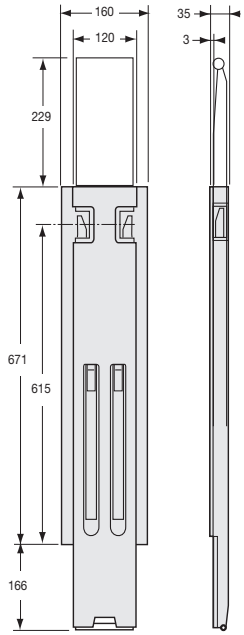
Ranchers KINNEGRIP KIV / *KINNEGRIP KIV pillar*



KIV 800

Rancher de 800 mm, modèle latéral, acier peint, livré avec Kinnetop et embase.
Side hand pillar, 800 mm, painted steel, with Kinnetop and socket.

Référence *Reference*	Kg	Hauteur *Height*
3543841	18,7	1162



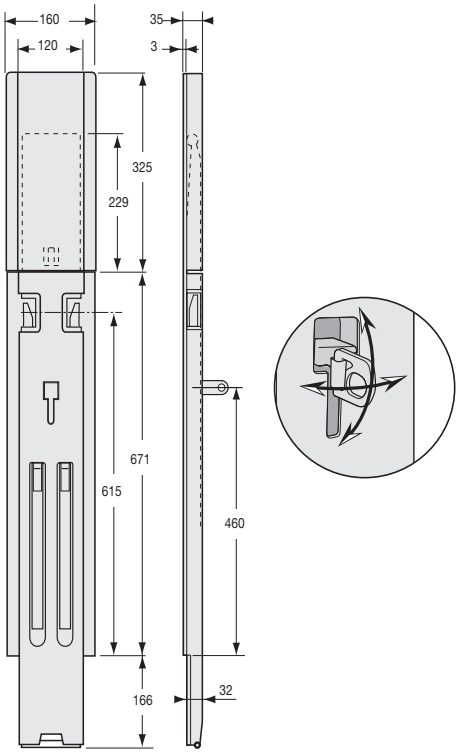
KIV 800

Rancher de 800 mm, modèle latéral, acier peint, livré sans Kinnetop et sans embase.
Side hand pillar, 800 mm, painted steel, without Kinnetop and socket.

Référence *Reference*	Kg	Hauteur *Height*
3543841SK	16,3	1066

Ranchers KINNEGRIP KIV / *KINNEGRIP KIV pillar*

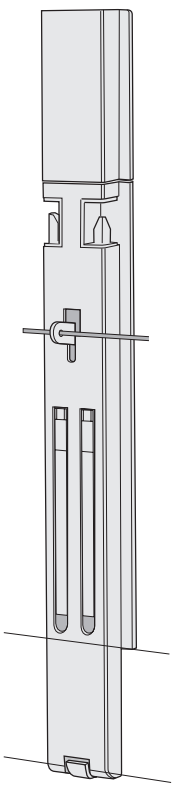
Kinnegrip



KIV TIR 800

Rancher de 800 mm, modèle TIR latéral, acier peint, livré avec Kinnetop et embase.
Side hand 800 mm, TIR model, with Kinnetop and socket, painted steel.

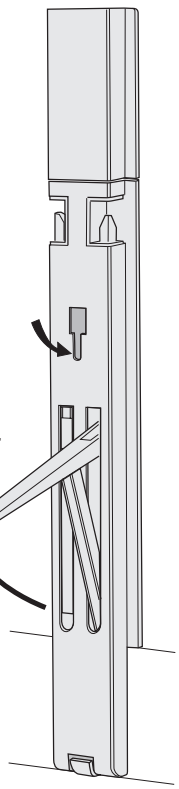
Référence *Reference*	Kg	Hauteur *Height*
3543854	19	1062



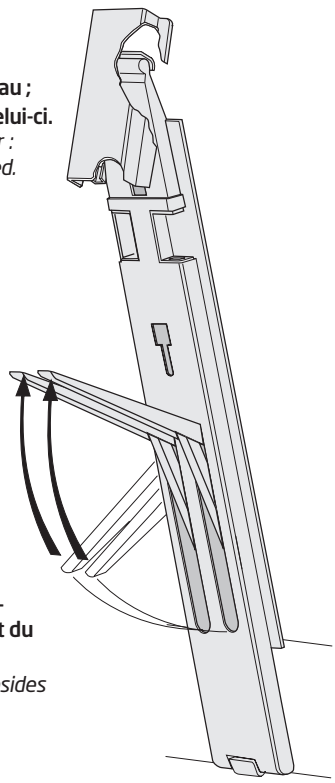
La partie supérieure du rancher (Kinnetop) est verrouillée en même temps que les ridelles lors de la manœuvre de fermeture des leviers.
The upper part of the pillar (Kinnetop) is locked at the same time as the dropsides when handles are brought in the closed position.

Lorsque le pontet est en position relevée, il condamne les leviers de fermeture et permet le passage du câble "TIR".
When the lock ring is in its raised position, it locks the levers and can be used to thread thr TIR cable.

Pour manœuvrer le levier permettant l'ouverture des ridelles et le déverrouillage du rancher, le pontet doit être en position escamotée.
The lock ring must be recessed in its location to operate the handles (opening of dropsides and unlocking of pillars).



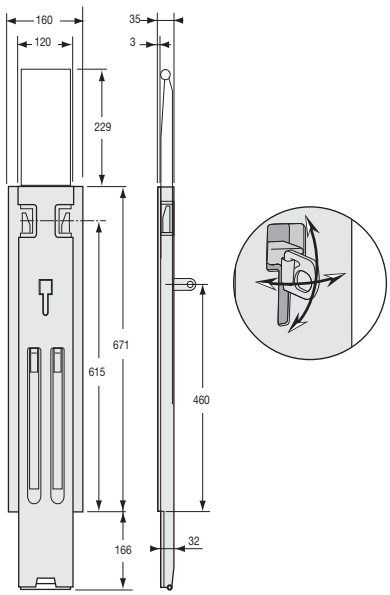
2. Manœuvre de déverrouillage du poteau ; permet la dépose de celui-ci.
2. Unlocking of the pillar : the pillar can be removed.



1. Manœuvre de déverrouillage des ridelles et du Kinnetop.
1. Unlocking of the dropsides and the Kinnetop.

Ranchers KINNEGRIP KIV / *KINNEGRIP KIV pillar*

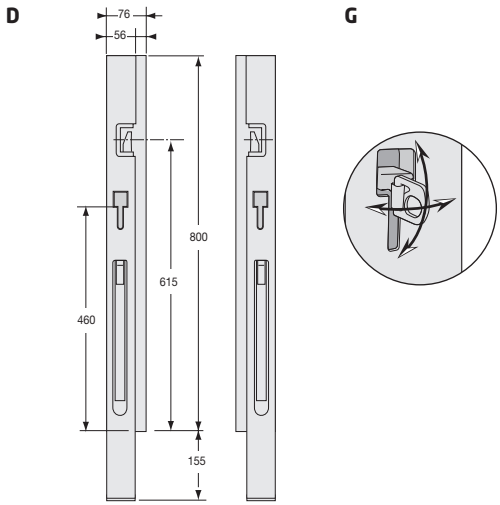
Kinnegrip



KIV TIR 800

Rancher de 800 mm, modèle TIR latéral, acier peint, livré sans Kinnetop et sans embase.
Side hand pillar 800 mm, TIR model, without Kinnetop and socket, painted steel.

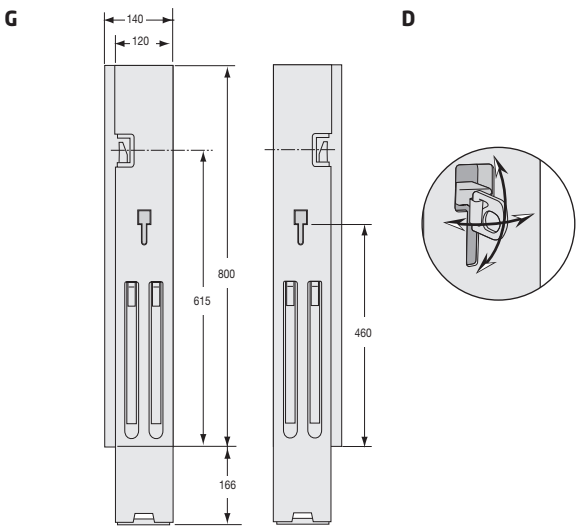
Référence *Reference*	Kg	Hauteur *Height*
3543854SK	16,6	1066



KIV TIR 800

Rancher de 800 mm, modèle TIR, avant fixe, acier peint.
Front non removable pillar, 800 mm, TIR model, painted steel.

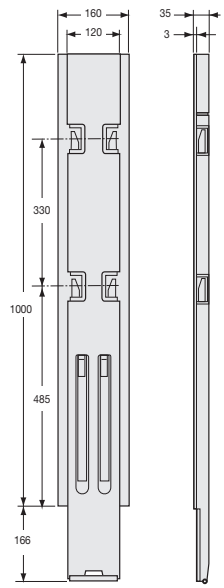
Référence *Reference*	Kg	Hauteur *Height*	Côté *Hand*
3543856	6,6	955	Gauche *Left*
3543857	6,6	955	Droit (e) *Right*



KIV TIR 800

Rancher de 800 mm, modèle TIR, arrière double, acier peint, livré avec embase.
Rear double pillar, 800 mm, TIR model, with socket, painted steel.

Référence *Reference*	Kg	Hauteur *Height*	Côté *Hand*
3543858	15	906	Gauche *Left*
3543859	15	906	Droit (e) *Right*



KIV 1000

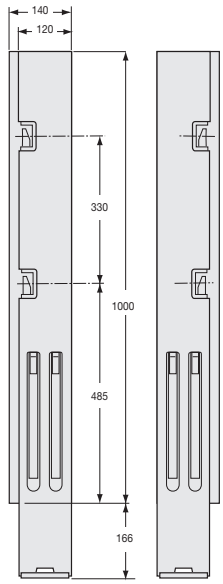
Rancher de 1000 mm, modèle latéral, acier peint, livré avec embase.
Side hand pillar, 1000 mm, with socket, painted steel.

Référence *Reference*	Kg	Hauteur *Height*
3543847	17,1	1166

Ranchers KINNEGRIP KIV / *KINNEGRIP KIV pillar*

Kinnegrip

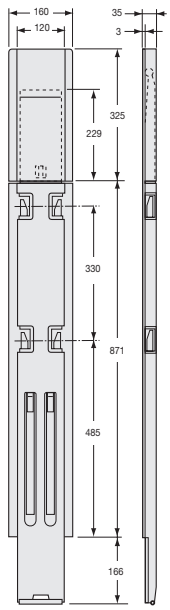
G D



KIV 1000

Rancher de 1000 mm, arrière double, acier peint, livré avec embase.
Rear double pillar, 1000 mm, with socket, painted steel.

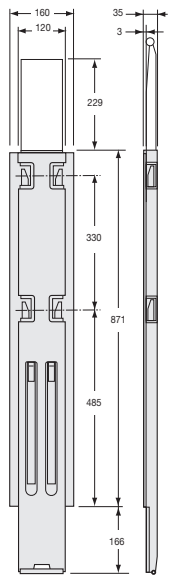
Référence *Reference*	Kg	Hauteur *Height*	Côté *Hand*
3543849	16,5	1166	Gauche *Left*
3543850	16,5	1166	Droit (e) *Right*



KIV 1000

Rancher de 1000 mm, modèle latéral, acier peint, livré avec Kinnetop et embase.
Side hand pillar, 1000 mm, with Kinnetop ans socket, painted steel.

Référence *Reference*	Kg	Hauteur *Height*
3543848	20,2	1362

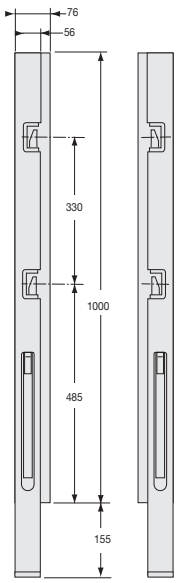


KIV 1000

Rancher de 1000 mm, modèle latéral, acier peint, livré sans Kinnetop et sans embase.
Side hand pillar, 1000 mm, without Kinnetop and socket, painted steel.

Référence *Reference*	Kg	Hauteur *Height*
3543848SK	17,8	1266

D G

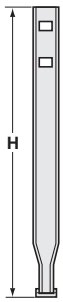


KIV 1000

Rancher de 1000 mm, avant fixe, acier peint.
Front non removable pillar, 1000 mm, painted steel.

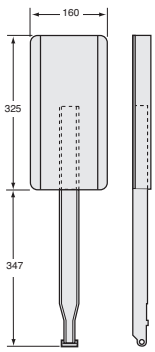
Référence *Reference*	Kg	Hauteur *Height*	Côté *Hand*
3543851	8,2	1155	Gauche *Left*
3543852	8,2	1155	Droit (e) *Right*

Accessoires KINNEGRIP / *KINNEGRIP spare parts and accessories*



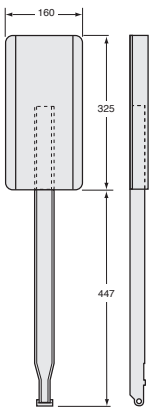
Pied de Kinnetop, acier.
Steel Kinnetop pillar.

Référence *Reference*	Kg	Hauteur *Height*
3543910	3	574
3543911	2,5	474



Kinnetop acier pour 3543883SK.
Kinnetop only for 3543883SK.

Référence *Reference*	Kg	Pour *For*	Hauteur *Height*
3543913	3,3	3543883SK	672

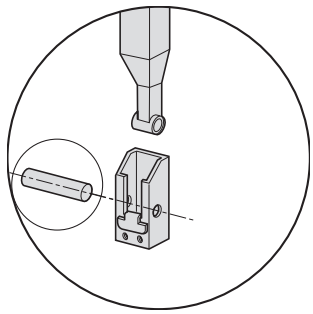


Kinnetop acier pour 3543891SK / 3543905SK.
Steel Kinnetop for 3543891SK / 3543905SK

Référence *Reference*	Kg	Pour *For*	Hauteur *Height*
3543914	3,6	3543905SK 3543891SK	772

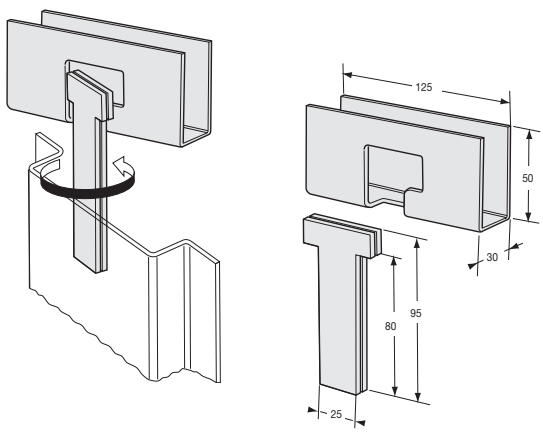
Axe d'articulation pour Kinnetop K20.
Articulation pin for Kinnetop K20.

Référence *Reference*	Pour *For*
3543915	3543910 3543911 3543913 3543914



Gâche pour Kinnetop K20.
Keeper for Kinnetop K20.

Référence *Reference*
3543923

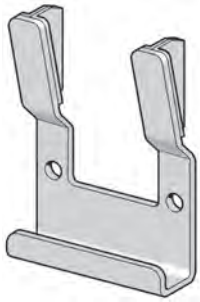


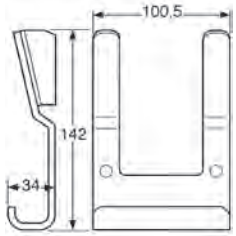
Articulation supérieure de Kinnegrip®.
Upper joint for Kinnegrip®.

Référence *Reference*	Kg
3543853	0,53

Accessoires KINNEGRIP / *KINNEGRIP spare parts and accessories*

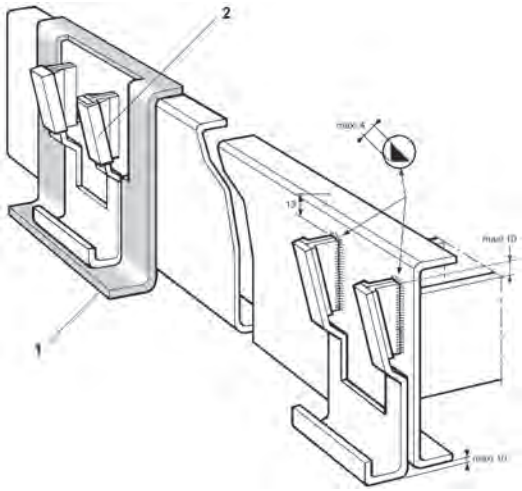
Kinnegrip





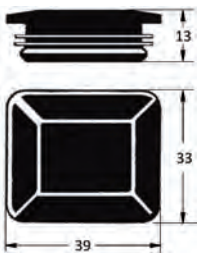
Embase, acier brut, pour rancher Kinnegrip K20, modèle a souder (*), modèle a visser (**).
Socket to weld, self colour steel, for Kinnegrip Rancher K20, to be welded model (*), to be screwed model (**).

Référence *Reference*	Kg	Type *Type*
3543896	0,57	*
3543897	0,57	**



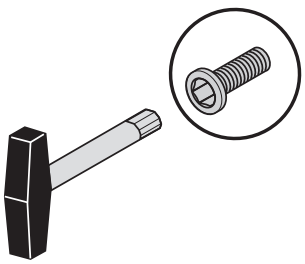
Gabarit de pose pour embase de Kinnegrip K20 à souder.
Fixing size for welding Kinnegrip K20 socket.

Référence *Reference*	Type *Type*
3543898GA	1
3543898PR	2



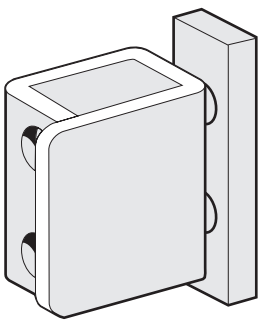
Bouchon plastique pour rancher Kinnegrip K20 avant.
End cap for front Kinnegrip K20.

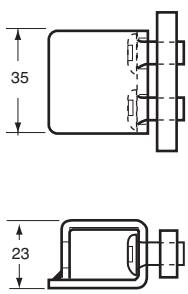
Référence *Reference*	Kg
3543901	0,005



Clef TORX pour rancher Kinnegrip K20.
Key for K20.

Référence *Reference*
3543900

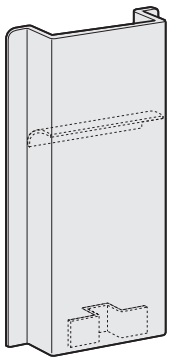




Gâche acier, livrée avec barrette et 2 vis. A utiliser avec profil 3110318.
Steel dropside catch, delivered with fixing plate and 2 screws. To be used with 3110318 profile.

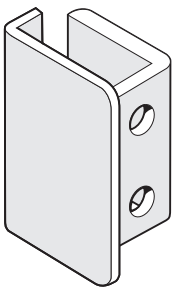
Référence *Reference*	Kg	Pour *For*
3543902	0,16	3110318

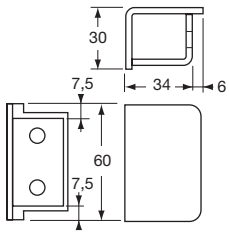
Accessoires KINNEGRIP / *KINNEGRIP spare parts and accessories*



Kinnetop pour rancher Kinnegrip K IV.
Kinnetop only for Kinnegrip K IV.

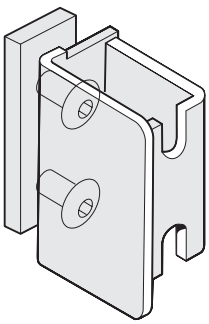
Référence *Reference*	Kg
3543862	1,86





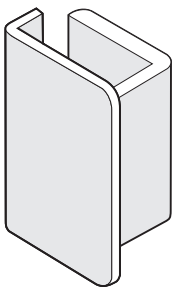
Gâche acier pour Kinnegrip® K IV.
Steel dropside catch.

Référence *Reference*	Kg	Pour *For*
3543855	0,18	K IV



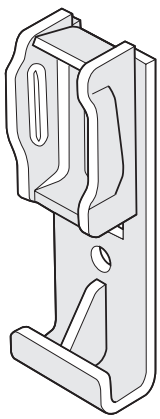
Gâche acier pour Kinnegrip® K IV, peinture époxy. Livrée avec barette et deux vis CMC.
Steel, epoxy painted. Supplied with brace and two screws dropside catch.

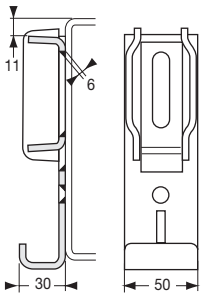
Référence *Reference*	Kg	Pour *For*
3543861	0,225	K IV



Gâche aluminium pour Kinnegrip® K IV.
Aluminium dropside catch.

Référence *Reference*	Kg	Pour *For*
3543821	0,07	K IV

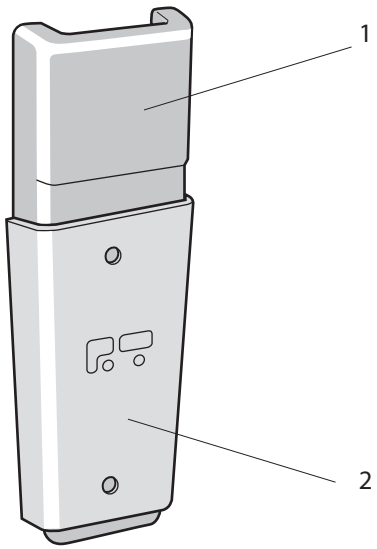


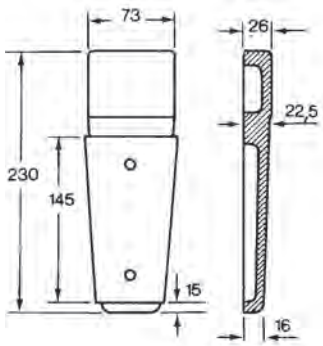


Embase à souder sur la rive fournie d'origine avec les ranchers amovibles Kinnegrip® IV.
Socket to weld on sidemenber originally supplied with removable Kinnegrip® IV pillars.

Référence *Reference*	Kg	Pour *For*
3543846	0,545	K IV

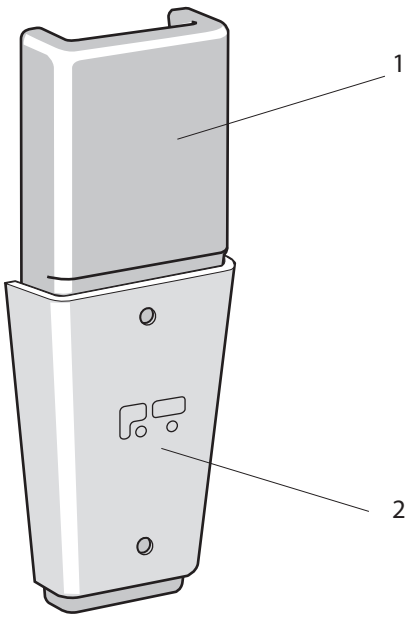
Pieds de ranchers / *Conic pillars*

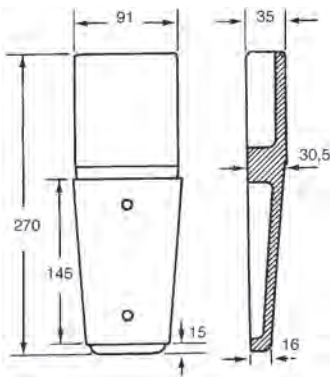




Pied de rancher complet, acier matricé A 50, gousset en tôle de 4 mm, pour poteau 80 x 30 x 3 mm.
Conic pillar assembly, A 50 drop-forged steel, 4 mm thickness, steel socket, for 80 x 30 x 3 mm pillar.

Référence *Reference*	Kg	Epaisseur *Thickness*	Type *Type*
3543640	2,01	4	-
3543640 GO	0,43	4	2
3543640 RA	1,58		1

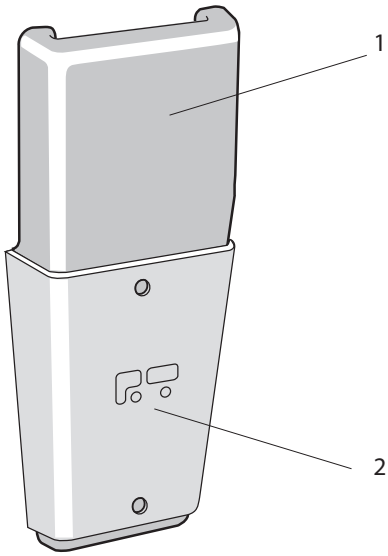


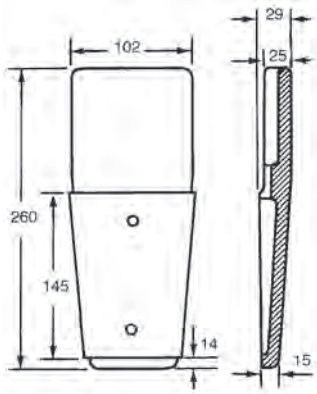


Pied de rancher complet, acier matricé A 50, gousset en tôle de 4 mm, pour poteau 100 x 40 x 4 mm.
Conic pillar assembly, A 50 drop-forged steel, 4 mm thickness, steel socket, for 100 x 40 x 4 mm pillar.

Référence *Reference*	Kg	Epaisseur *Thickness*	Type *Type*
3543641	3,29	4	-
3543641 GO	0,52	4	2
3543641 RA	2,77		1

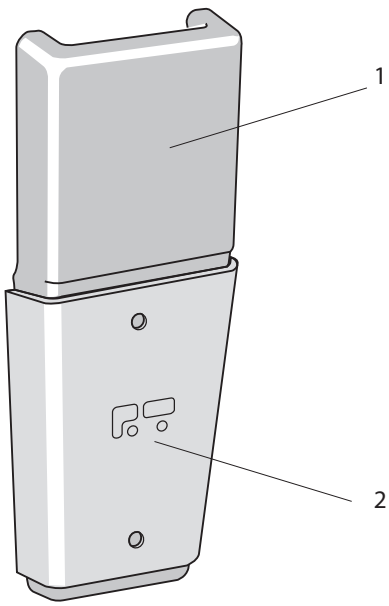
Pieds de rancher / *Conic pillars*

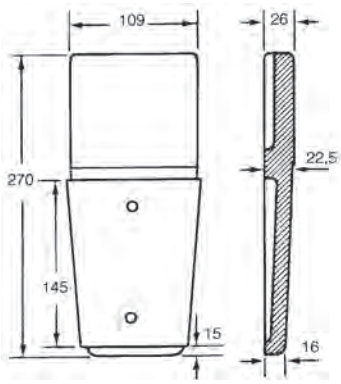




Pied de rancher complet, acier matricé A 50, gousset en tôle de 5 mm, pour poteau 110 x 30 x 4 mm.
Conic pillar assembly, A 50 drop-forged steel, 5 mm thickness, steel socket, for 110 x 30 x 4 mm pillar.

Référence *Reference*	Kg	Epaisseur *Thickness*	Type *Type*
3543644	3,5	5	-
3543644 GO	0,7	5	2
3543644 RA	2..8		1

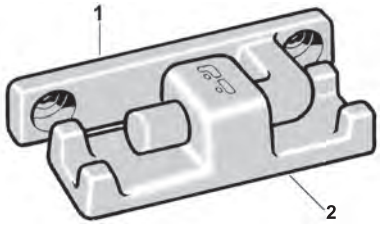


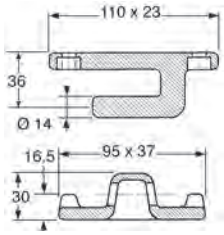


Pied de rancher complet, acier matricé A 50, gousset en tôle de 5 mm, pour poteau 120 x 30 x 4 mm.
Conic pillar assembly, A 50 drop-forged steel, 5 mm thickness, steel socket, for 120 x 30 x 4 mm pillar.

Référence *Reference*	Kg	Epaisseur *Thickness*	Type *Type*
3543642	3,6	5	-
3543642 GO	0,7	5	2
3543642 RA	2,9		1

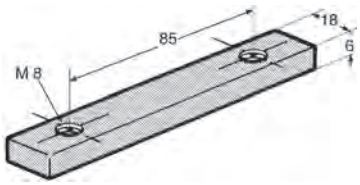
Charnières de ridelles / *Dropside hinges*





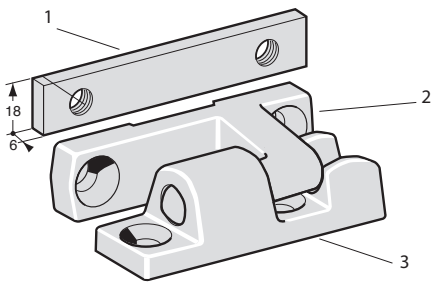
Charnière de ridelle à décrochage latéral, complète, support zingué.
Complete dropside hinge, laterally unhooking, zinc plated gudgeon with securing holes, zinc plated steel bracket.

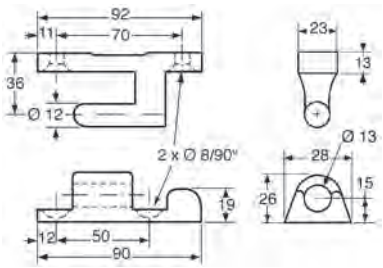
Référence *Reference*	Kg	Type *Type*
3543617	0,58	-
3543617GO	0,305	1
3543617SU	0,275	2



Barrette acier zingué pour charnière de ridelle. Pour 3543617.
Zinc plated steel brace for dropside hinge. For 3543617.

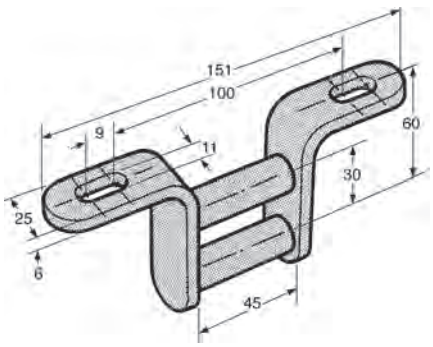
Référence *Reference*	Kg	Pour *For*
3543620	0,14	3543617





Charnière de ridelle complète petit modèle à décrochage latéral, barette zinguée.
Small dropside hinge complete, unhooked laterally, zinc plated steel fixing plate.

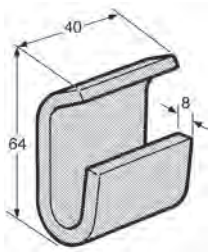
Référence *Reference*	Kg	Type *Type*	Finition *Finish*
3543656BA	0,080	1	Zingué *Zinc plated*
3543656GA	0,485	-	Galvanisé (e) *Galvanized*
3543656HG	0,185	3	Galvanisé (e) *Galvanized*
3543656SA	0,220	2	Galvanisé (e) *Galvanized*

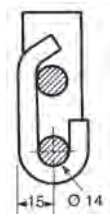


Articulation seule de charnière de ridelle, percée.
Hinge with securing holes.

Référence *Reference*	Kg	Finition *Finish*
3543621 S	0,35	Galvanisé *Galvanized steel*

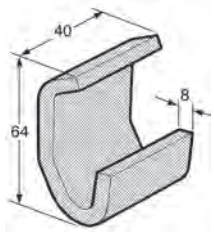
Charnières de ridelles / *Dropside hinges*

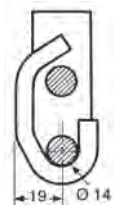




Support seul, acier brut, se monte avec les articulations 3543621 S.
Self colour steel bracket for hinges 3543621 S.

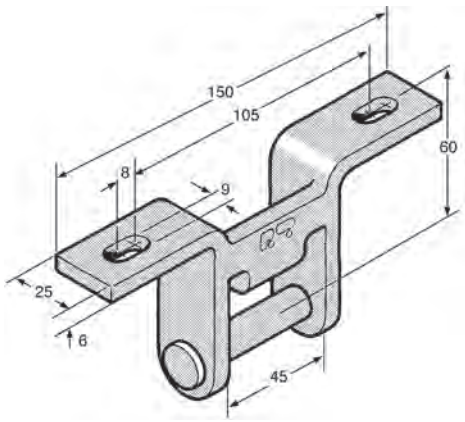
Référence *Reference*	Kg	Pour *For*
3543625	0,25	3543621 S





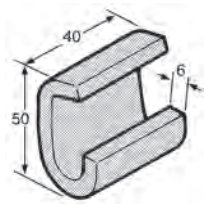
Support seul déporté, acier brut, se monte avec les articulations 3543621 S.
Self colour steel bracket for hinges 3543621 S.

Référence *Reference*	Kg	Pour *For*
3543626	0,25	3543621 S



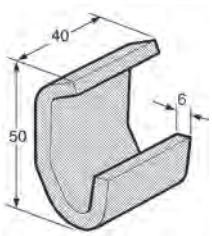
Articulation seule de charnière de ridelle, percée, acier dacromet.
Dacromet steel hinge with securing holes.

Référence *Reference*	Kg
3543637	0,33



Support seul, acier brut, se monte avec l'articulation 3543637.
Self colour steel bracket for the hinge 3543637.

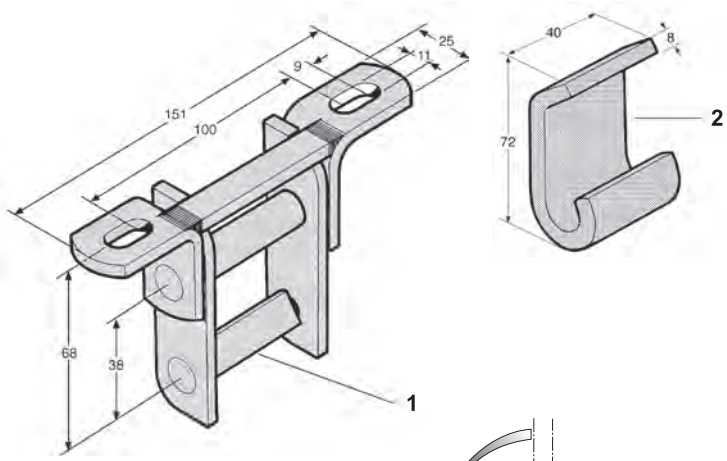
Référence *Reference*	Kg	Pour *For*
3543638	0,18	3543637



Support seul déporté, acier brut, se monte avec l'articulation 3543637.
Self colour steel bracket for the hinge 3543637.

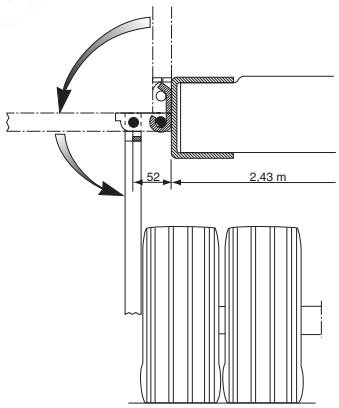
Référence *Reference*	Kg	Pour *For*
3543648	0,18	3543637

Charnières de ridelles / *Dropside hinges*

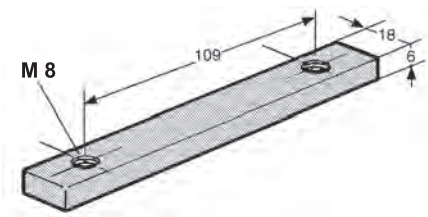


Charnière de ridelle à double articulation, complète.
Complete double articulation dropside hinge.

Référence *Reference*	Kg	Type *Type*
3543616	0,745	-
3543616AR	0,480	1
3543616SU	0,265	2



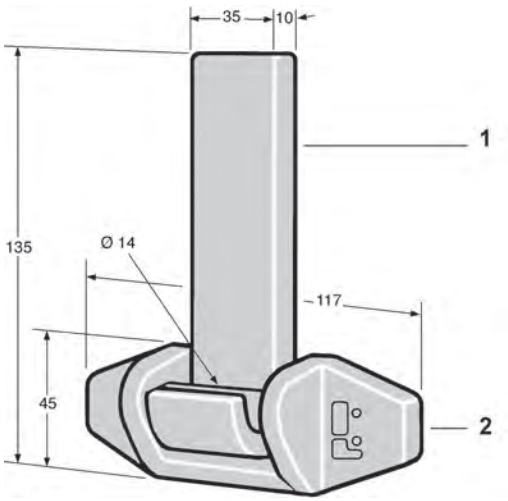
La double articulation de cette charnière permet de rabattre complètement la ridelle en écartant son axe de rotation de 52 mm par rapport à la rive.
The double articulation of this hinge allows the dropside to fold back completely, moving a side the axis of rotation of 52 mm related to the siderave.



Barrette acier zingué pour charnière de ridelle.
Zinc plated steel brace for dropside hinge.

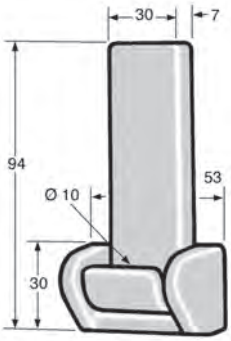
Référence *Reference*	Kg	Pour *For*
3543618	0,16	3543616 3543621 S 3543637

Charnières de ridelles / *Dropside hinges*



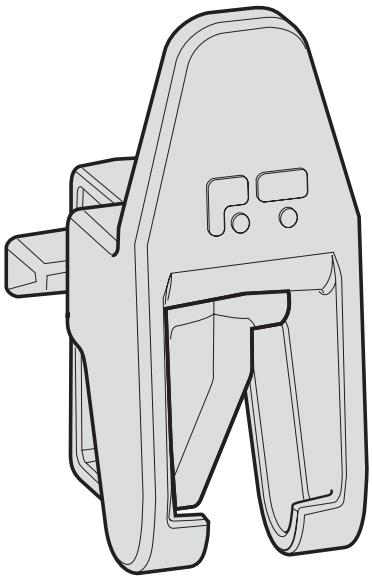
Penture décrochable complète, acier brut.
Complete removable hinge, self colour steel.

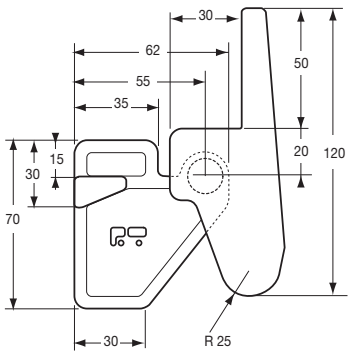
Référence *Reference*	Kg	Type *Type*
3444036	0,95	-
3444036PE	0,43	1
3444036SU	0,435	2



Penture décrochable complète, acier peint.
Complete removable hinge, painted steel.

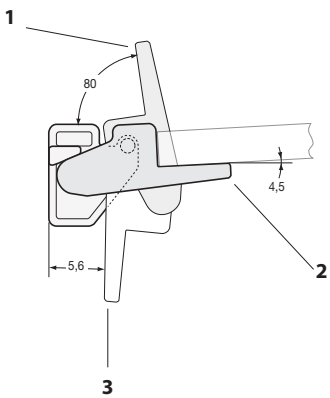
Référence *Reference*	Kg
3444041	0,3





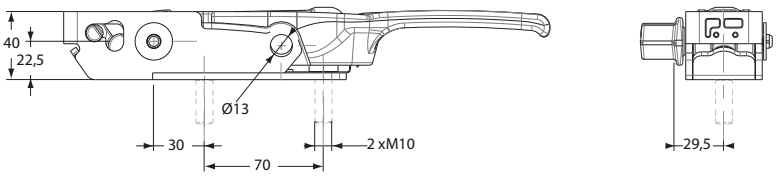
Charnière de ridelle 3 positions, acier brut.
3 positions hinge, self colour steel.

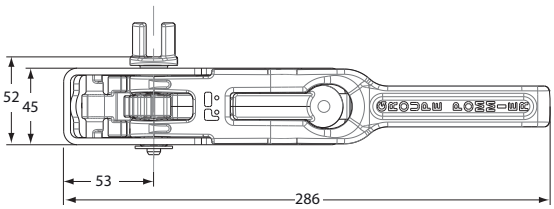
Référence *Reference*	Kg
3543578	0,93



1 : Position fermée maxi. 2 : Position intermédiaire. 3 : Position ouverte maxi.
1 : Closed maxi. 2 : Middle position. 3 : Opened maxi.

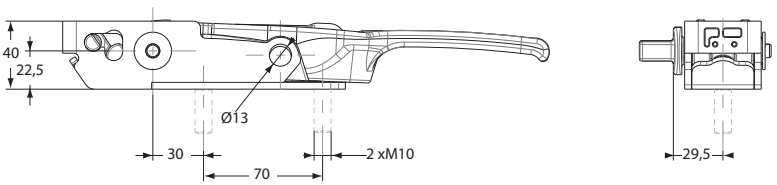
Tendeurs de bâches / *Curtain tensioners*

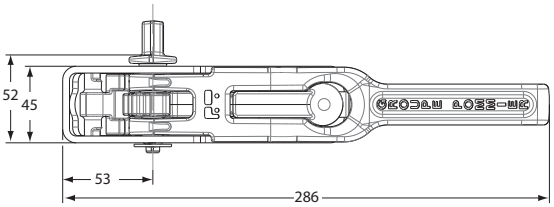




Tendeur de bâche Ø 25 à cliquet, le visuel représente le modèle droit.
Rawning tightener Ø 25, the visual represents the righthand side.

Référence *Reference*	Kg	Ø	Côté *Hand*
3110897	1,570	25	Gauche Left
3110898	1,570	25	Droit (e) Right

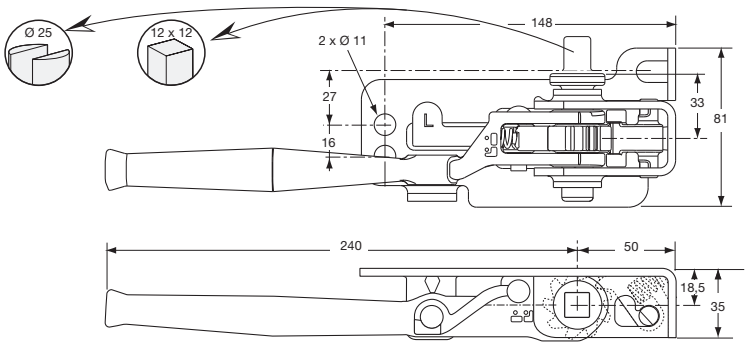




Tendeur de bâche carre 12 x 12 à cliquet, le visuel représente le modèle droit.
Curtain tensioner 12 x 12 square, the visual represents the righthand side.

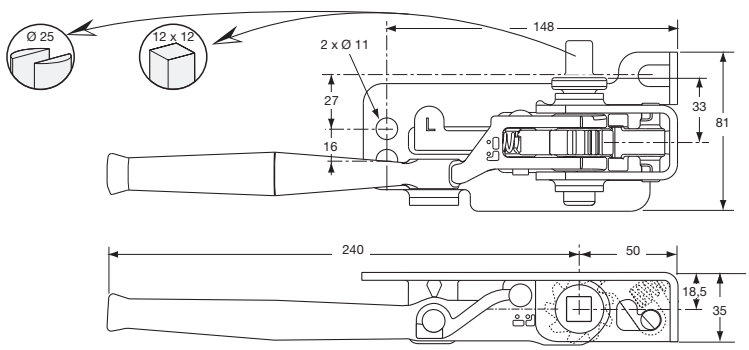
Référence *Reference*	Kg	Côté *Hand*
3110895	1,540	Gauche Left
3110896	1,540	Droit (e) Right

Tendeurs de bâches / *Curtain tensioners*



Tendeur de bâche Ø 25, à cliquet, épaisseur 35 mm, acier galvanisé/dacromet, le visuel représente le modèle gauche.
Rawning tightener Ø 25, thickness 35 mm, galvanized/dacromet steel, the visual represents the lefthand side

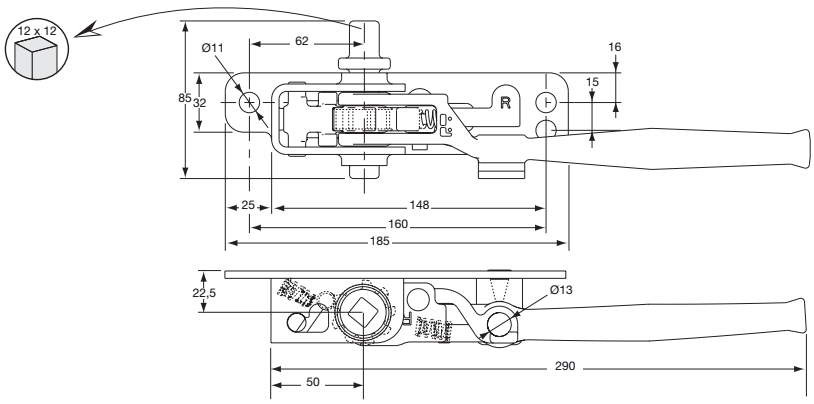
Référence *Reference*	Kg	Ø	Epaisseur *Thickness*	Côté *Hand*
3110875	1,25	25	35	Droit (e) Right
3110876	1,25	25	35	Gauche Left



Tendeur de bâche carré de 12 x 12, à cliquet, épaisseur 35 mm acier galvanisé/dacromet, le visuel représente le modèle gauche.
Rawning tightener 12 x 12 square, thickness 35 mm, galvanized/dacromet steel, the visual represents the lefthand side.

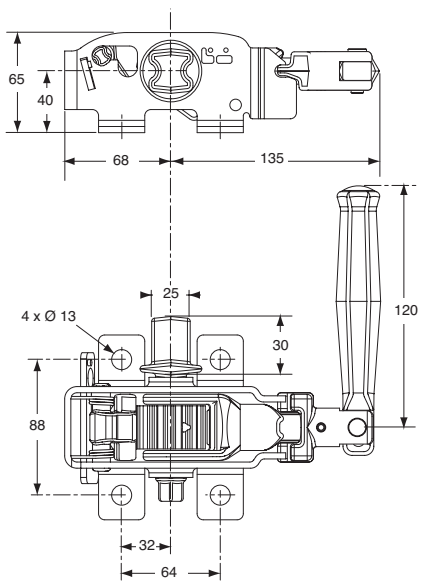
Référence *Reference*	Kg	Epaisseur *Thickness*	Côté *Hand*
3110877	1,25	35	Droit (e) Right
3110878	1,25	35	Gauche Left

Tendeurs de bâches / *Curtain tensioners*



Tendeur de bâche carré de 12, à cliquet, épaisseur 40 mm acier galvanisé dacromet, le visuel représente le modèle droit.
Rawning tightener 12 x 12 square, thickness 40 mm, galvanized/dacromet steel. The visual represents the righthand side.

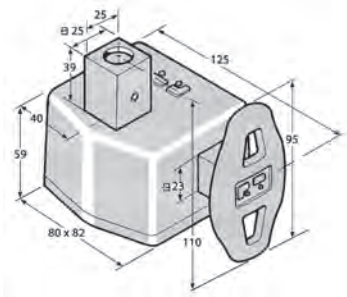
Référence *Reference*	Kg	Epaisseur *Thickness*	Côté *Hand*
3110893	1,295	40	Droit (e) Right
3110894	1,295	40	Gauche Left



Tendeur de bâche, acier zingué passivé, le visuel représente le modèle gauche.
Curtain tensioner, zinc plated passivated steel, the visual represents the lefthand side.

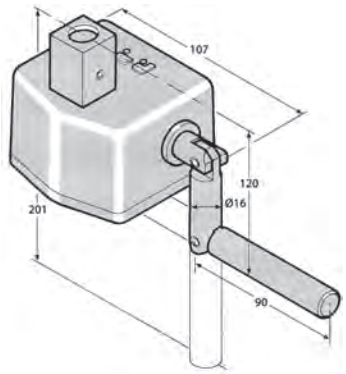
Référence *Reference*	Kg	Côté *Hand*
3110275DR	3,5	Droit (e) Right
3110275GA	3,5	Gauche Left

Tendeurs de bâches / *Curtain tensioners*



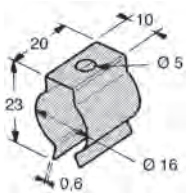
Tendeur de bâche avec poignée, fonte zinguée. Il est fortement déconseillé de souder cette pièce. Le visuel représente le modèle droit.
Cast iron rawning tightener with handle. Not to be welded. The visual represents the righthand side.

Référence *Reference*	Kg	Côté *Hand*
3110234DR	2,1	Droit (e) *Right*
3110234GA	2,1	Gauche *Left*



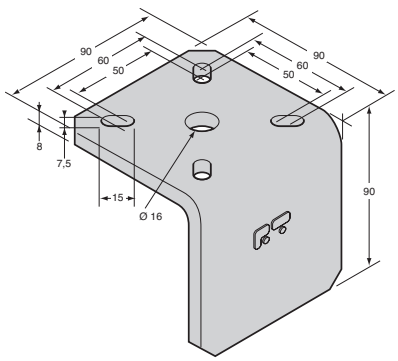
Tendeur de bâche avec manivelle, fonte zinguée. Il est fortement déconseillé de souder cette pièce. Le visuel représente le modèle droit.
Cast iron rawning tightener with crank. Not te be welded. The visual represents the righthand side.

Référence *Reference*	Kg	Côté *Hand*
3110238DR	1,95	Droit (e) *Right*
3110238GA	1,95	Gauche *Left*



Agrafe acier zingué pour 3110238DR, 3110238GA.
Zinc plated steel hook for 3110238DR, 3110238GA.

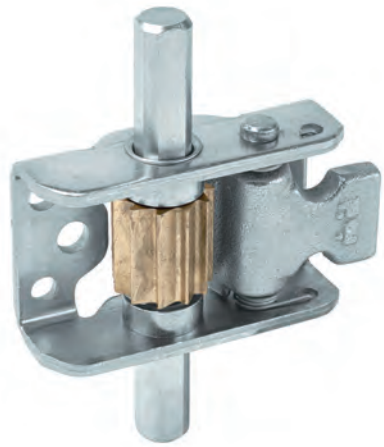
Référence *Reference*	Kg
3110240	0,005



Support tendeur de bâche, acier zingué pour 3110238DR, 3110238GA, 3110234DR, 3110234GA.
Zinc plated steel support for rawning tightener for 3110238DR, 3110238GA, 3110234DR, 3110234GA.

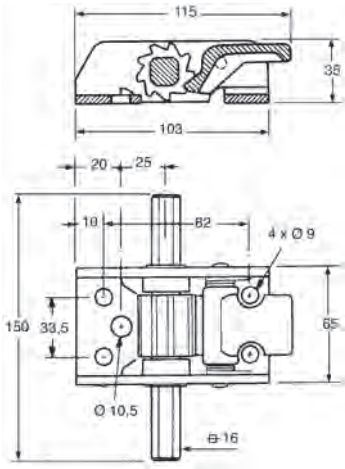
Référence *Reference*	Kg
3110239	0,95

Tendeurs de bâches / *Curtain tensioners*



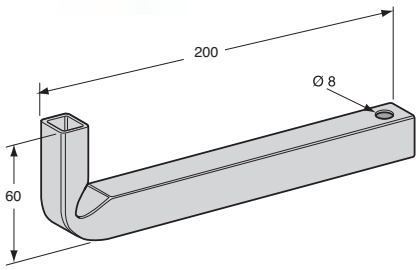
Tendeur de bâche, à cliquet, ép. 35 mm, acier zingué passivé.
Rawning tightener, thickness 35 mm, passivated zinc plated steel.

Référence *Reference*	Kg
3110262	0,95



Clé pour tendeur de bâche, acier zingué.
Key for Rawning tightener, zinc plated steel.

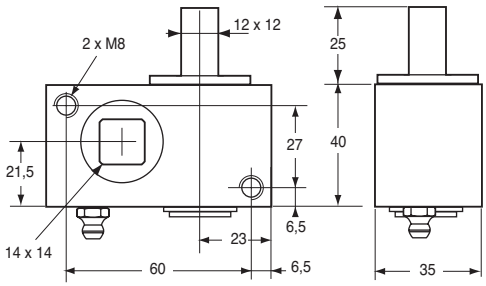
Référence *Reference*	Kg	Pour *For*
3110262CL	0,15	3110262

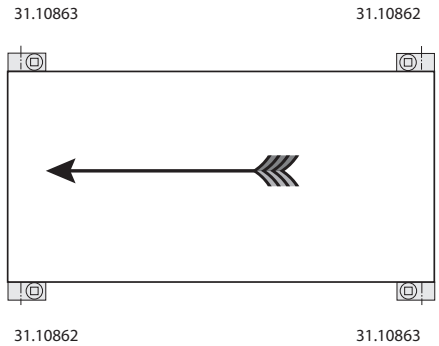


Tendeurs de bâches / *Curtain tensioners*

Tendeur de bâche carré de 12 x 12, acier cataphorèse, le visuel représente le modèle droit.
Curtain tensioner 12 x 12 square, cataphoresis steel. The visual represents the righthand side.

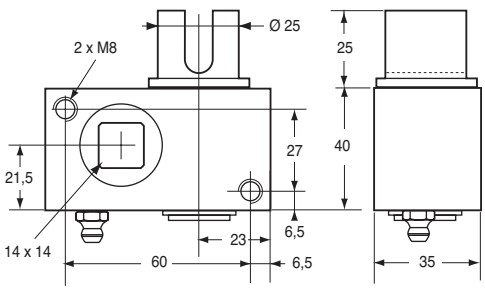
Référence *Reference*	Kg	⊂	Côté *Hand*
3110862	0,69	12	Droit (e) Right
3110863	0,69	12	Gauche Left

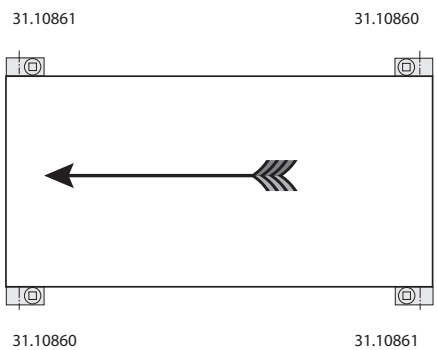


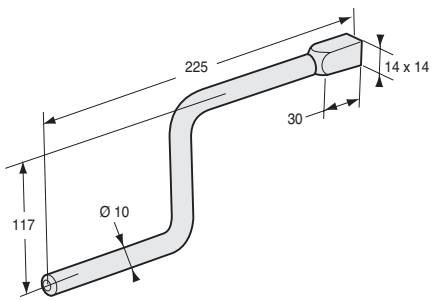


Tendeur de bâche Ø 25, acier cataphorèse, le visuel représente le modèle droit.
Curtain tensioner Ø 25, cataphoresis steel, the visual represents the right side.

Référence *Reference*	Kg	⊂	Côté *Hand*
3110860	0,72	12	Droit (e) Right
3110861	0,72	12	Gauche Left



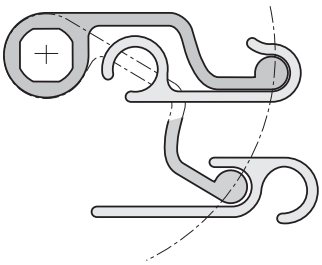


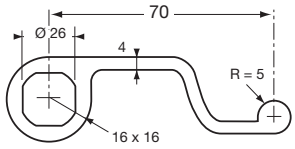


Clé acier zingué passivé, pour tendeur.
Crank, passivated zinc plated for tensioner.

Référence *Reference*	Kg	Pour *For*
3110854	0,3	3110860 3110861 3110862 3110863

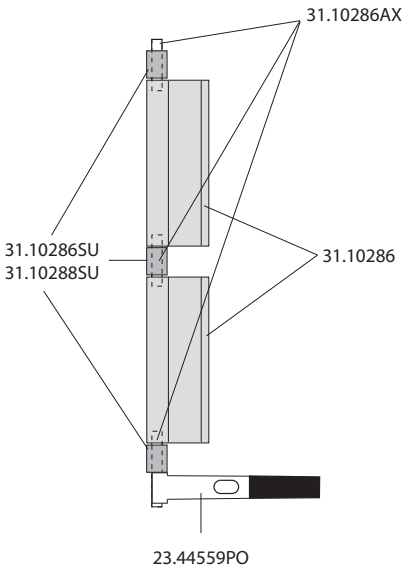
Profils d'accrochage et de tension / *Hanging and tensioning profiles*

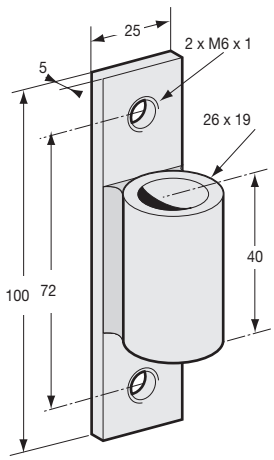




Profil de tension 1/4 de tour, aluminium brut.
Aluminium profile for curtain tensioning, rotating 90°.

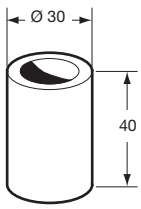
Référence *Reference*	Longueur *Length*
3110286	3,25





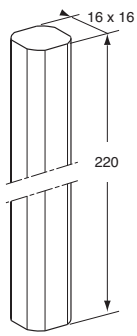
Palier à visser pour profil 3110286, 3110287.
Bolt-on bracket for 3110286, 3110287 profile.

Référence *Reference*	Kg
3110288SU	0,24



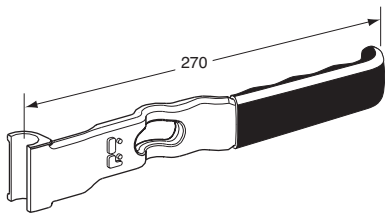
Palier à souder pour profil 3110286, 3110287.
Bearing, to weld, for 3110286, 3110287 profile.

Référence *Reference*	Kg
3110286SU	0,13



Axe acier zingué pour profil 3110286, 3110287.
Zinc plated steel rod for 3110286, 3110287, profile.

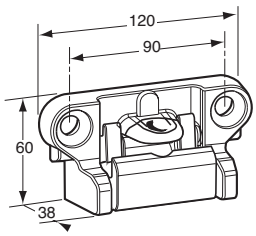
Référence *Reference*	Kg
3110286AX	0,4



Poignée acier zingué pour 3110286, 3110287.
Zinc plated steel handle for 3110286, 3110287.

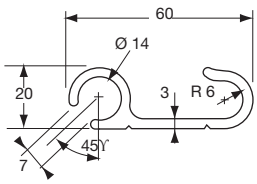
Référence *Reference*	Kg
2344559PO	0,75

Profils d'accrochage et de tension / *Hanging and tensioning profiles*



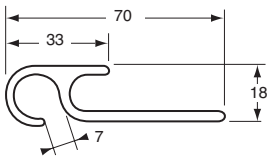
Verrou de poignée, fonte zinguée, pour 2344559PO.
Handle catch, zinc plated casting, for 2344559PO.

Référence *Reference*	Kg	Pour *For*
2344522VP	0,65	2344559PO



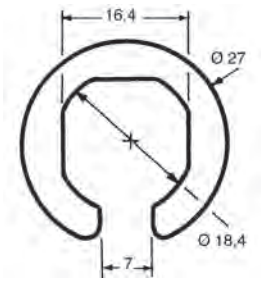
Profil d'accrochage de bâche, aluminium brut.
Hooking cover profile, raw aluminium.

Référence *Reference*	Longueur *Length*
3110245	3,25
3110254	2,5



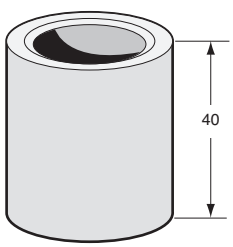
Profil d'accrochage de bâche, aluminium brut.
Hooking cover profile, raw aluminium.

Référence *Reference*	Longueur *Length*
3110270	2,5
3110272	3,25



Profil d'accrochage de bâche, aluminium brut.
Tightener cover profile, raw aluminium.

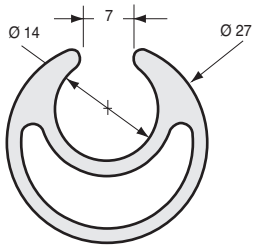
Référence *Reference*	Longueur *Length*
3110267	3,25



Bague acier dacromet pour 3110266 et 3110267.
Dacromet steel bush for 3110266 and 3110267.

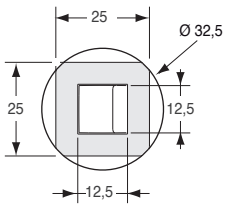
Référence *Reference*	Kg	Pour *For*
3110879BA	0,06	3110266 3110267

Profils d'accrochage et de tension / *Hanging and tensioning profiles*



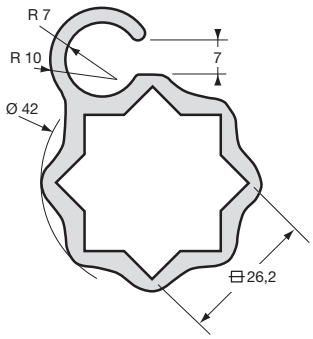
Profil d'accrochage de bâche, aluminium brut.
Tightener cover profile, self colour aluminium.

Référence *Reference*	Ø	Longueur *Length*
3110932	27	3,25



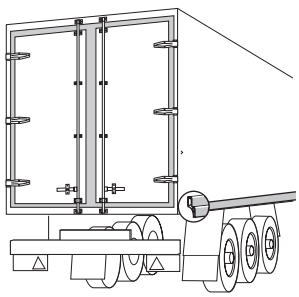
Profil de tension de bâche assemblé avec connecteur 12 x 12 mm réf. 3110927.
Curtain tensionning profil assembly with 12 x 12 mm connector ref. 3110927.

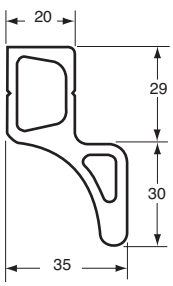
Référence *Reference*	Kg	Longueur *Length*
3110937	2,39	3,29



Profil tendeur de bâche, aluminium brut.
Tightener cover profile raw aluminium.

Référence *Reference*	Longueur *Length*
3110247	3,25
3110249	2,5





Profil d'accrochage latéral aluminium brut.
Hooking lateral raw aluminium profile.

Référence *Reference*	Longueur *Length*
3110256	3,20

Jonc d'accrochage de bâche.
Plastic profile to fix tarpaulin.

Référence *Reference*	Kg	Longueur *Length*	Pour *For*
3110273	0,25	3200	3110267 3110932 2110247 3110249 3110937 3110245 3110254 3110270 3110272 3110065 3110065TE 3110374

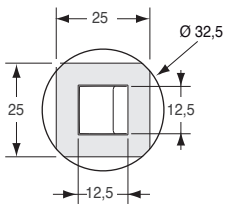
Connecteurs et accessoires / *Connectors and accessories*

Connecteur complet acier géomet pour tendeur carré 12 x 12 et profil 3110132.
Complet connector geomet steel for curtain tensioner 12 x 12 and profile 3110132.

Référence *Reference*	Pour *For*	Composition *Composition*
3110927	3110862 3110863 3110877 3110878 3110893 3110894 3110895 3110896 3110932	3110927CS x1 3110879G0 x1

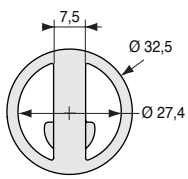
Connecteur complet, acier géomet pour tendeur Ø 25 mm et profil 3110932.
Complet connector, geomet steel for curtain tensioner Ø 25 mm and profil 3110932.

Référence *Reference*	Kg	Pour *For*	Composition *Composition*
3110928	0,145	3110860 3110861 3110875 3110876 3110897 3110898 3110932	31.10879G0 x 1 31.10928CS x 1



Connecteur seul, acier geomet.
Connector only, geomet steel.

Référence *Reference*
3110927CS



Connecteur seul, acier géomet.
Connector only, geomet steel.

Référence *Reference*
3110928CS

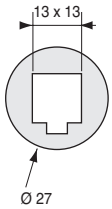
Goupille.
Pin.

Référence *Reference*
3110879G0

Connecteurs et accessoires / *Connectors and accessories*

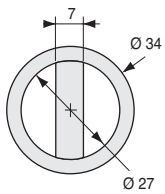
Embout supérieur Ø 27, acier géomet pour profil.
Steel upper end fitting Ø 27, geomet steel, for aluminium profile.

Référence *Reference*	Kg	Ø	Pour *For*
3110925	0,159	27	3110932 3110936 3110937 3110942



Connecteur carré laiton brut pour tendeur carré 12 x 12 et profil 3110932.
Brass plug for tensioners 12 x 12 and profile 3110932.

Référence *Reference*	Kg	Ø	Pour *For*
3110864	0,145	27	3110862 3110863 3110877 3110878 3110893 3110894 3110895 3110896 3110932



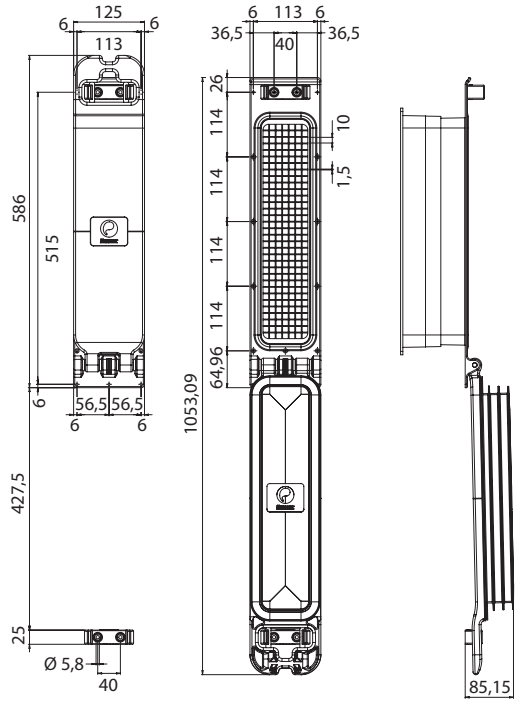
Connecteur laiton brut pour tendeur Ø 25 mm 3110860/861/875/876 et profil 3110932.
Brass plug for tensioners Ø 25 mm 3110860/861/875/876 and profile 3110932.

Référence *Reference*	Kg	Ø	Pour *For*
3110866	0,19	34	3110860 3110861 3110875 3110876 3110897 3110898 3110932

Embout supérieur Ø 27, laiton brut pour profil 3110932.
Brass upper end fitting Ø 27 for aluminium profile 3110932.

Référence *Reference*	Kg	Ø	Pour *For*
3110865	0,155	27	3110932 3110936 3110937 3110942

Trappe complète / *Complete ventilation door*



OXZY

Trappe de ventilation pour panneaux épaisseur 60 à 110 mm.
Ventilation door for panel from 60 to 110 mm.

Référence *Reference*	Kg
240511758	2,70

Utilisable en trappe de décompression sur panneau de cloison mobile de 45 mm.
Adaptable as a decompression trap for partition wall of 45 mm thickness.

Accessoires pour trappes de ventilation / *Accessories for ventilation door*

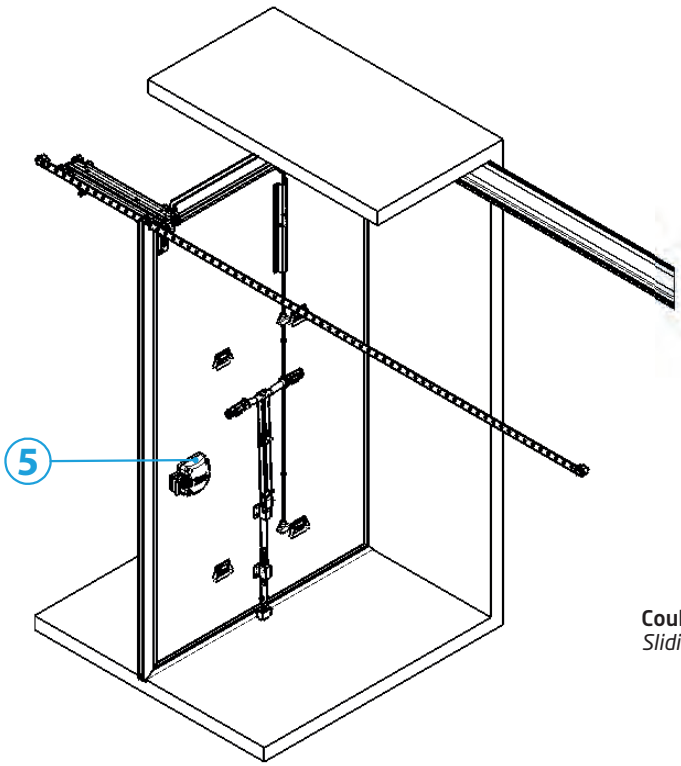
Perche pour trappe de ventilation OXZY.
Pole for ventilation door OXZY.

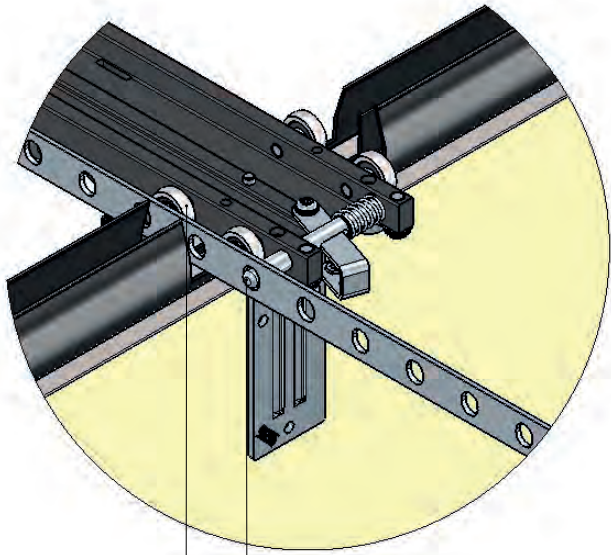
Référence *Reference*	Kg
240511759	0,90

Automatique / *Automatic*

POMMIER

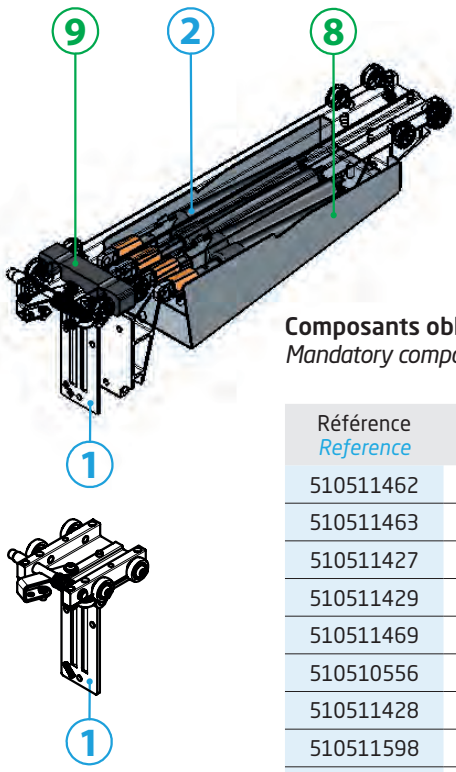
ADELIFT

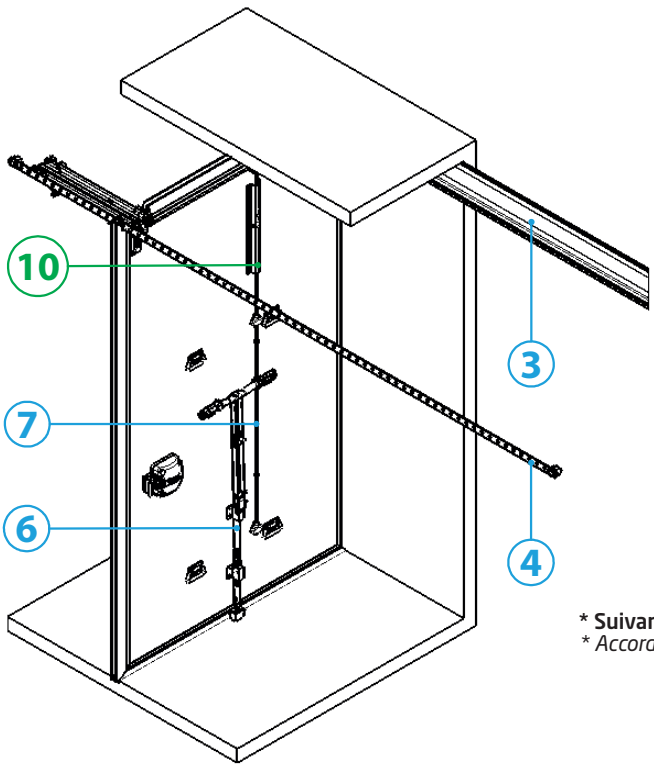




Coulissement à roulements
Sliding system with bearings

Blocage automatique
Automatic locking brake





*** Suivant configuration de montage.**
** According to mounting type.*

Composants obligatoires.
Mandatory components.

Référence *Reference*		Rep. *Rep.*
510511462	*	1
510511463	*	
510511427		2
510511429	*	3
510511469	*	
510510556		4
510511428	*	5
510511598	*	
510511279		6
510511467		7

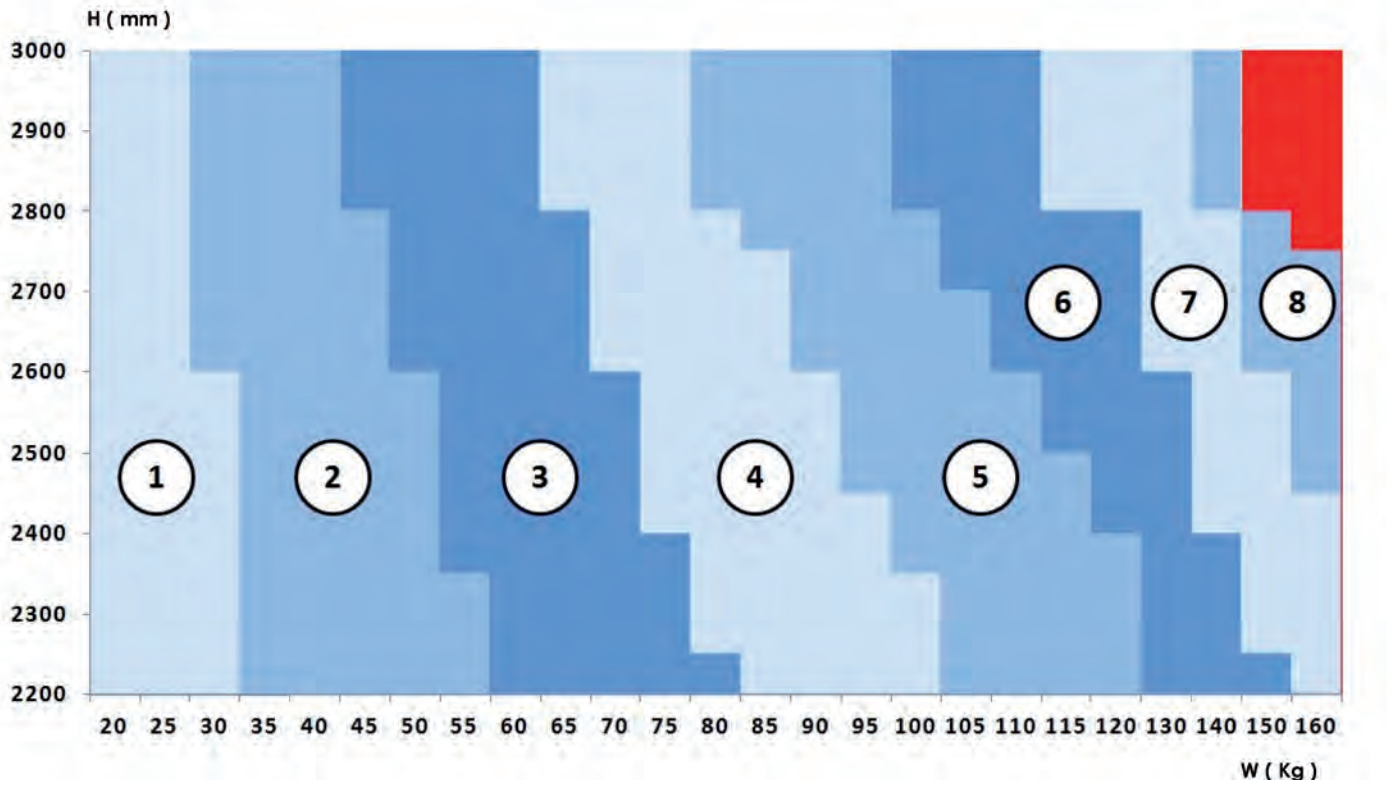
Composants optionnels.
Optional components.

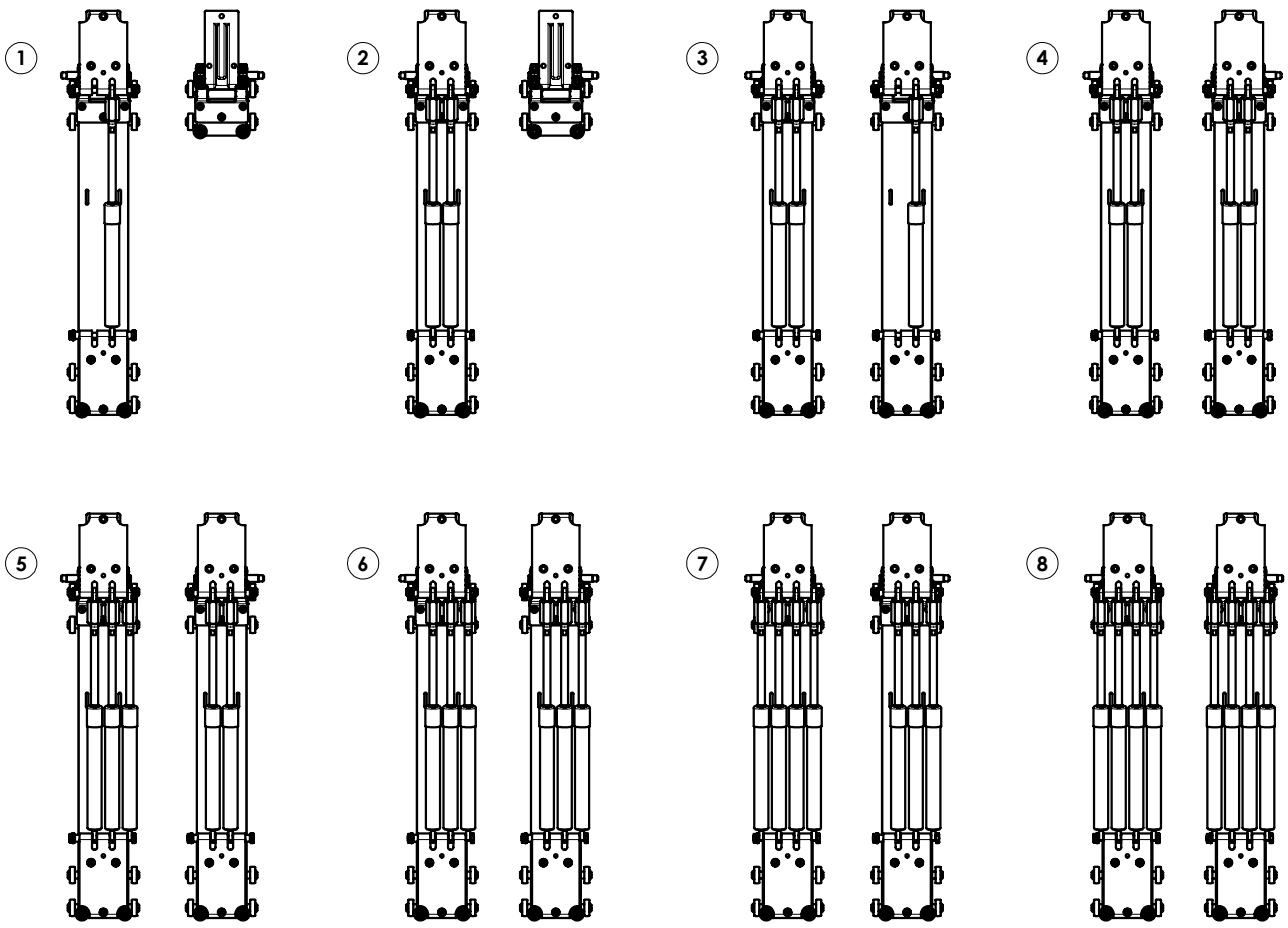
510511464		8
510511465		9
510511587		10

Automatique / *Automatic*

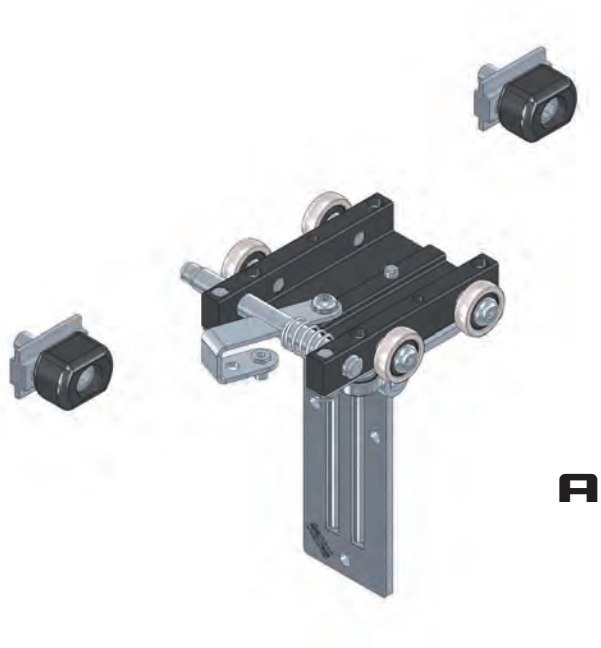
POMMIER

ADELIFT



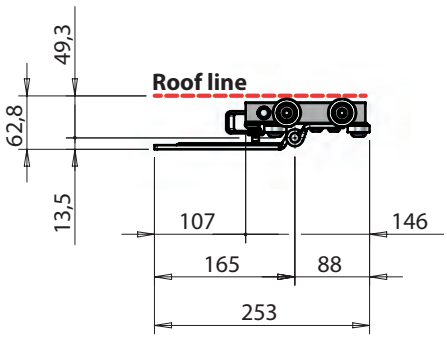


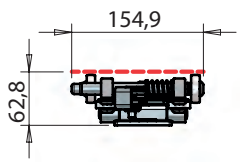
Accessoires et pièces de rechanges / *Accessories and spare parts*

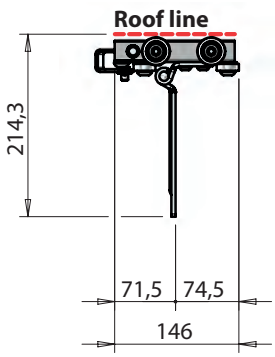


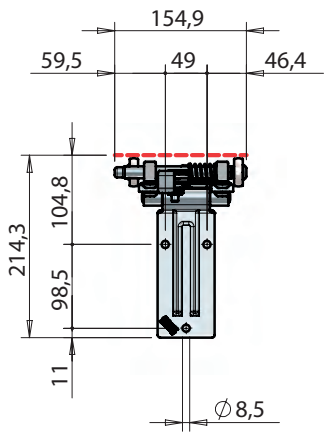
Kit releveur automatique ADELIFT court à roulements.
Automatic power lift ADELIFT short kit, roller bearings.

Référence *Reference*	Kg	Finition *Finish*
510511463	1,840	Aluminium *Aluminium*

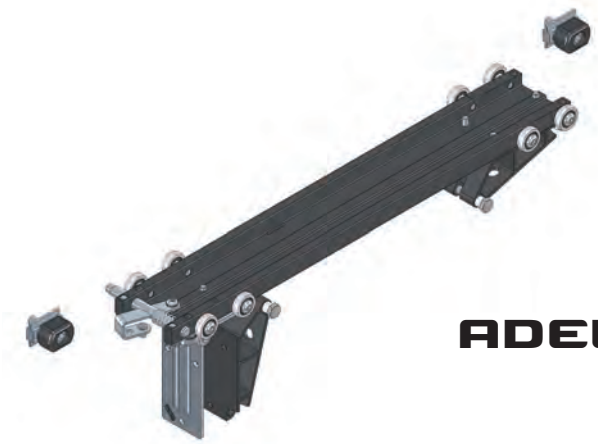






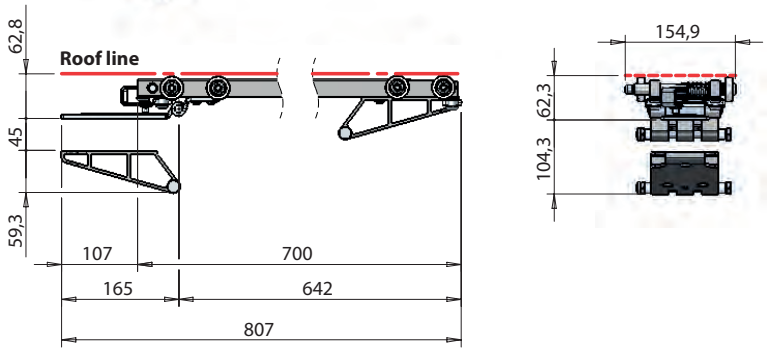


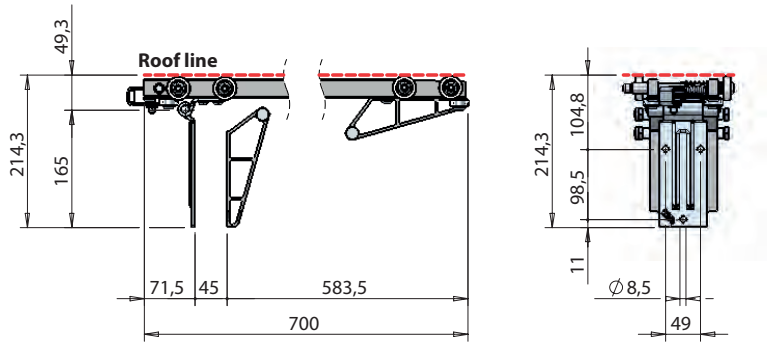
Automatique / *Automatic*



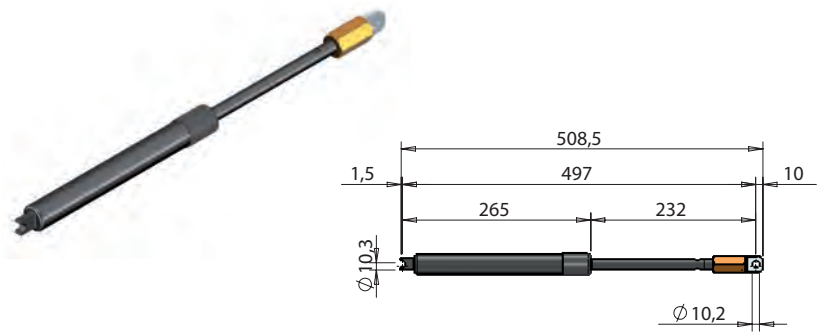
Kit releveur automatique ADELIFT long à roulements.
Automatic power lift ADELIFT long kit, roller bearings.

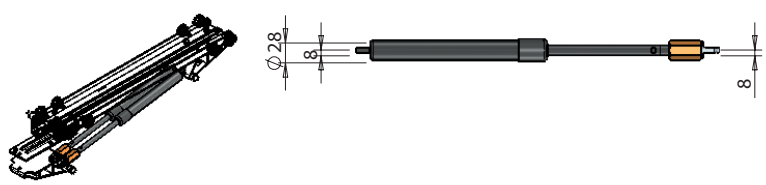
Référence *Reference*	Kg	Finition *Finish*
510511462	4,800	Aluminium *Aluminium*





Accessoires et pièces de rechanges / *Accessories and spare parts*



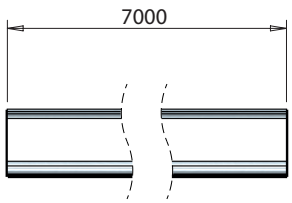


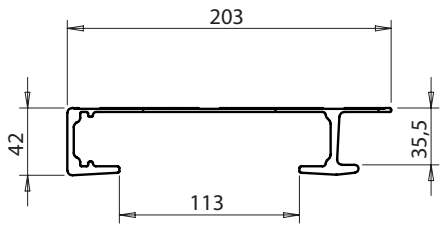
Compas à gaz 470-150 2500 N pour releveur ADELIFT.
Gas spring 470-150 2500 N for power lift ADELIFT.

Référence *Reference*	Kg	Finition *Finish*
510511427	0,780	Acier *Steel*

Accessoires et pièces de rechanges / *Accessories and spare parts*

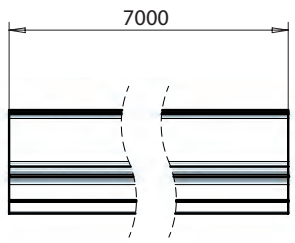
ADELIFT

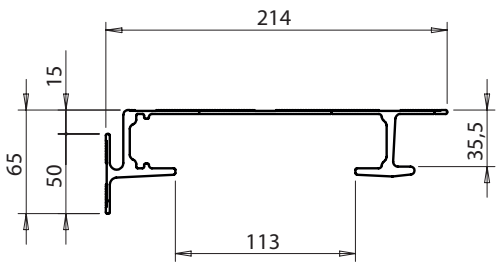




Rail de coulissement NP pour releveur ADELIFT, longueur 7000 mm.
Power lift ADELIFT rail NP profile length 7000 mm.

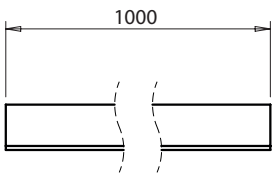
Référence *Reference*	Kg	Finition *Finish*
510511429	24,210	Aluminium *Aluminium*

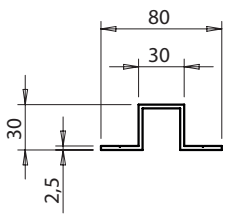




Rail de coulissement CP pour releveur ADELIFT, longueur 7000 mm.
Power lift ADELIFT rail CP profile length 7000 mm.

Référence *Reference*	Kg	Finition *Finish*
510511469	26,420	Aluminium *Aluminium*



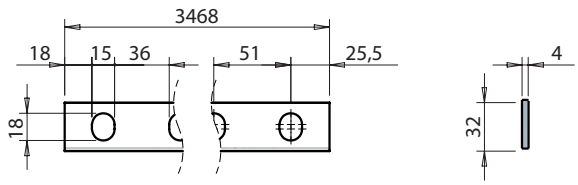


Oméga brut longueur 1000 mm.
Self colour omega profile length 1000 mm.

Référence *Reference*	Kg	Finition *Finish*
510511587	0,920	Aluminium *Aluminium*

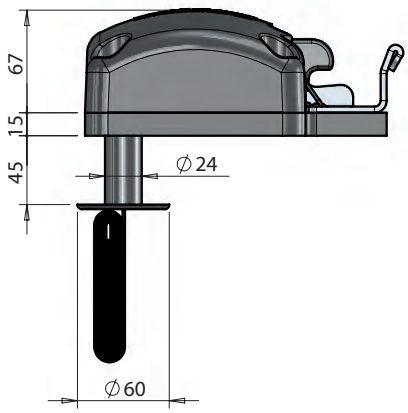
Accessoires et pièces de rechanges / *Accessories and spare parts*

ADELIFT



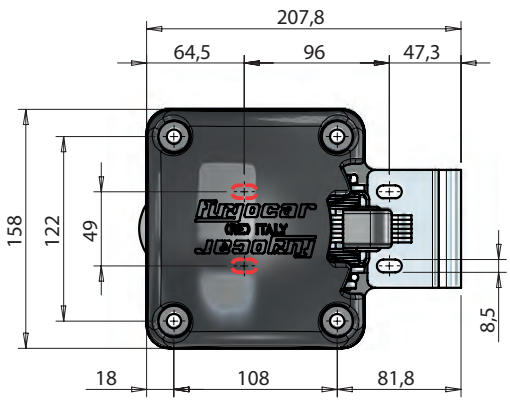
Crémaillère pour rail de coulissement en aluminium.
Locking track for power lift rail.

Référence *Reference*	Kg	Finition *Finish*
510510556	0,965	Aluminium *Aluminium*



Système de blocage automatique du releveur ADELIFT.
Automatic stowing device ADELIFT

Référence *Reference*	Kg	Finition *Finish*
510511428	2,075	Inox *Stainless Steel*

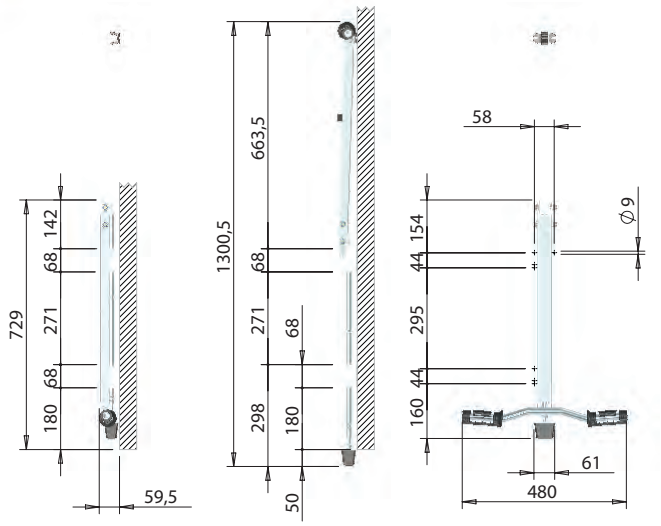


<60 dB

Système de blocage automatique URBAN du releveur ADELIFT.
Automatic URBAN stowing device ADELIFT.

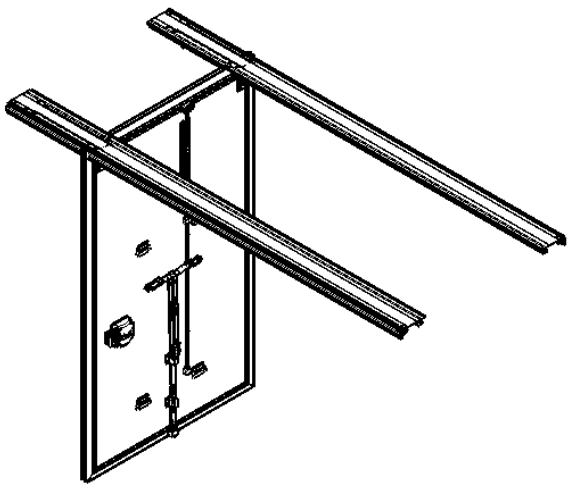
Référence *Reference*	Kg	Finition *Finish*
510511598	2,075	Inox *Stainless Steel*

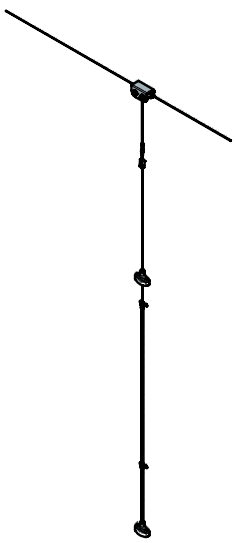
Accessoires et pièces de rechanges / *Accessories and spare parts*



Fermeture articulée en applique pour blocage de la cloison au sol.
External articulated locking gear to block the partition wall to the floor.

Référence *Reference*	Kg	Finition *Finish*
510511279	4,381	Inox *Stainless Steel*

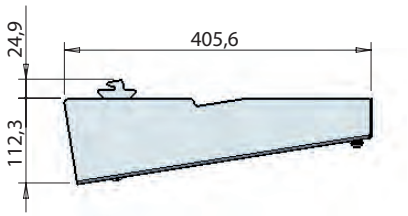


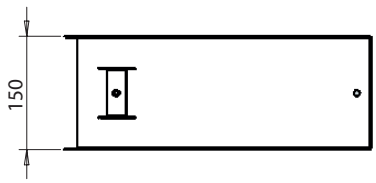


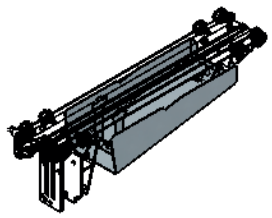
Kit de déverrouillage à câble SOLO.
Cable kit SOLO.

Référence *Reference*	Kg	Finition *Finish*
510511467	0,980	Inox *Stainless Steel*

Accessoires et pièces de rechanges / *Accessories and spare parts*

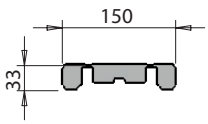


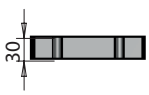




Capot de protection pour compas à gaz.
Gas spring housing.

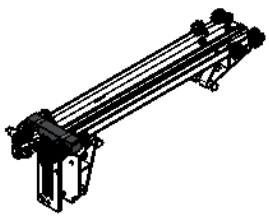
Référence *Reference*	Kg	Finition *Finish*
510511464	2,010	Inox *Stainless Steel*





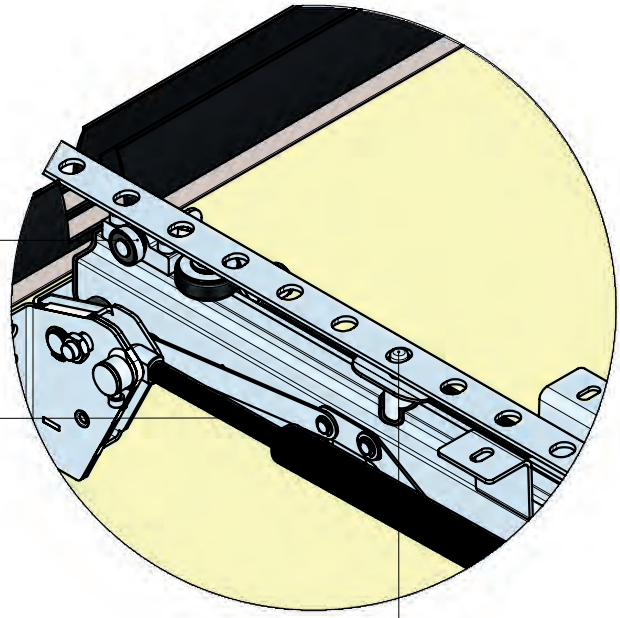
Joint mousse d'isolation.
Insulating gasket.

Référence *Reference*	Kg	Finition *Finish*
510511465	0,025	EPDM *EPDM*



Automatique / *Automatic*

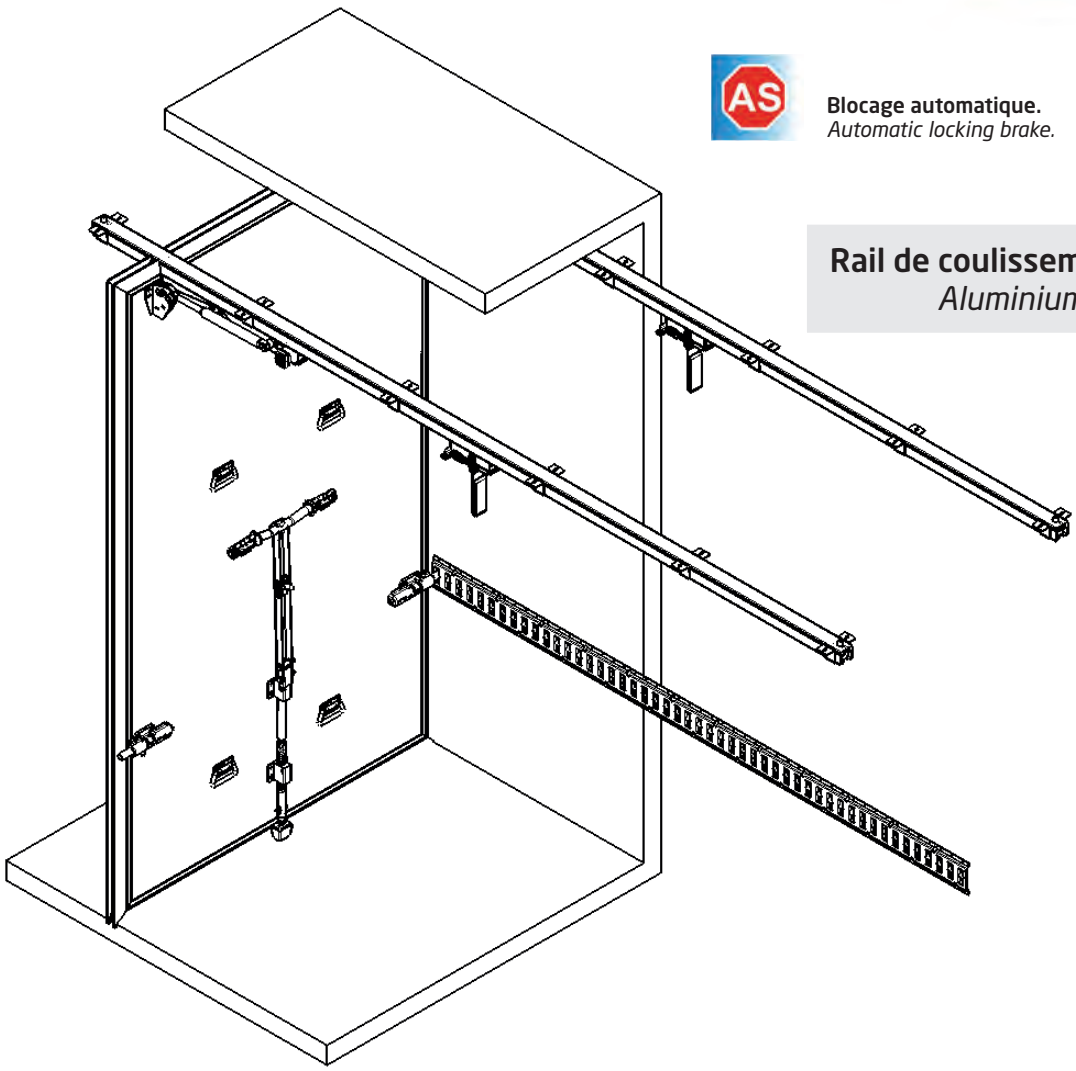
POWERLIFT



Coulissement à roulements.
Sliding system with bearings.

Avec 4/8 compas à gaz.
With 4/8 gas springs.

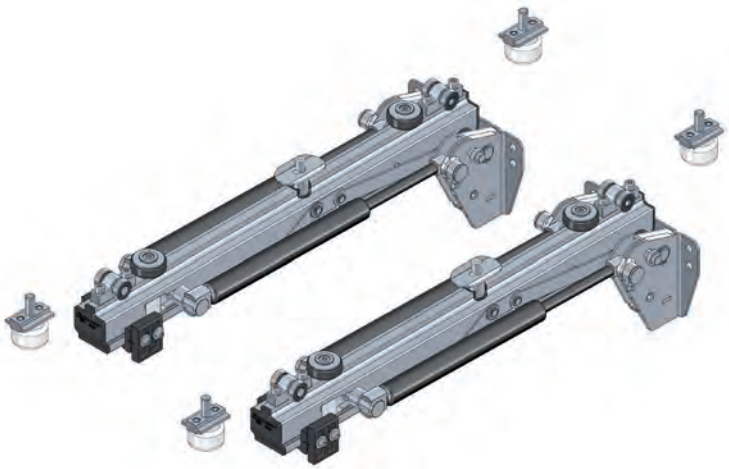
Blocage automatique.
Automatic locking brake.



Rail de coulissement en Aluminium
Aluminium sliding rail

Automatique / *Automatic*

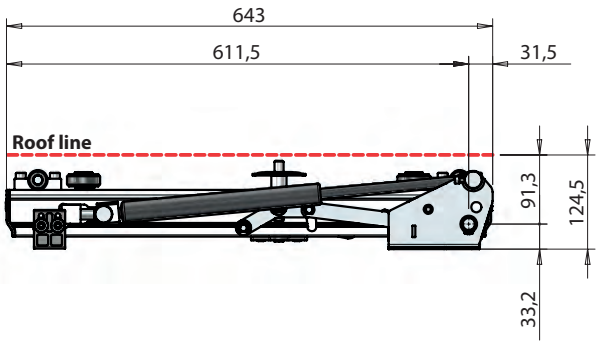
POWERLIFT

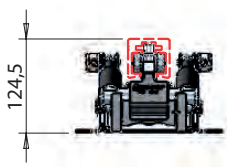


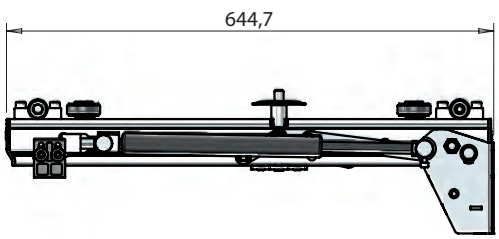
Kit releveur automatique à roulements avec 4 compas à gaz. Rail de coulissement en aluminium.
Automatic power lift kit, roller bearings with 4 gas springs, aluminium power lift rail profile.

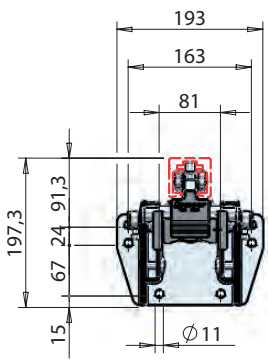
Référence *Reference*	Kg	Finition *Finish*
510510863	15,208	Aluminium *Aluminium*

Force des compas à préciser à la commande
Specify gas spring force when ordering



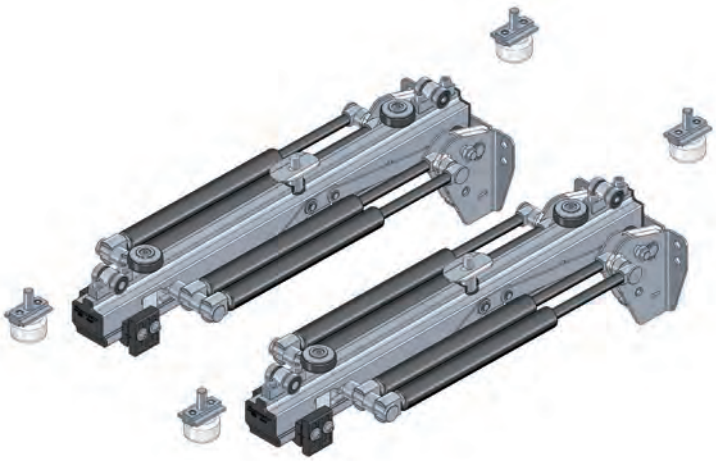






Automatique / *Automatic*

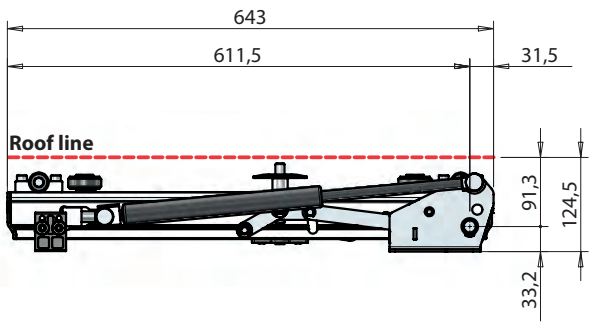
POWERLIFT

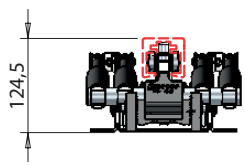


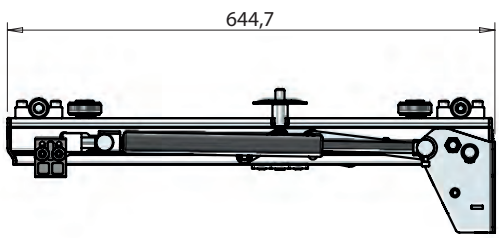
Kit releveur automatique à roulements avec 8 compas à gaz. Rail de coulissement en aluminium.
Automatic power lift kit, roller bearings with 8 gas springs, aluminium power lift rail profile.

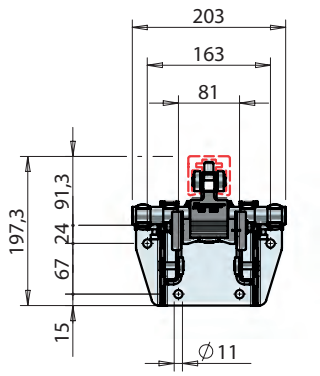
Référence *Reference*	Kg	Finition *Finish*
510510864	18,188	Aluminium *Aluminium*

Force des compas à préciser à la commande
Specify gas spring force when ordering

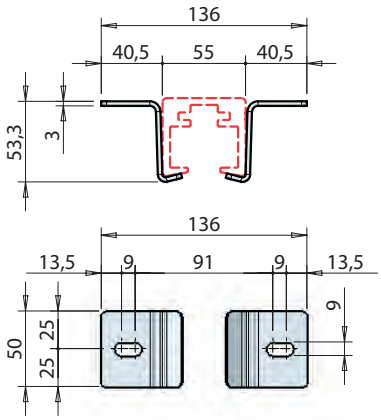






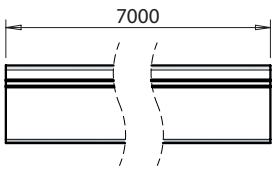


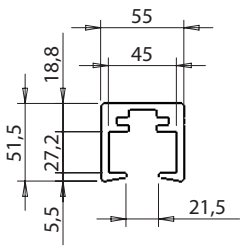
Accessoires et pièces de rechanges / *Accessories and spare parts*



Etriers pour rail de coulissement en aluminium.
Fixing support bracket, pair, power lift aluminium rail profile.

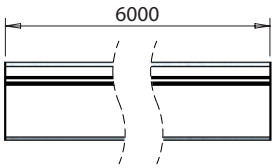
Référence *Reference*	Kg	Finition *Finish*
510510554	0,225	Inox *Stainless Steel*

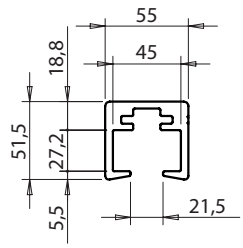




Rail de coulissement releveur, longueur 7000 mm.
Power lift rail profile length 7000 mm.

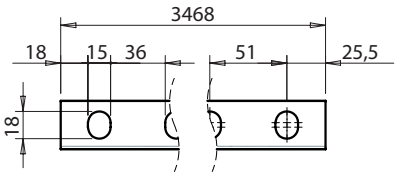
Référence *Reference*	Kg	Finition *Finish*
510510555	21,125	Aluminium *Aluminium*





Rail de coulissement releveur, longueur 6000 mm.
Power lift rail profile length 6000 mm.

Référence *Reference*	Kg	Finition *Finish*
510510555A	18,107	Aluminium *Aluminium*

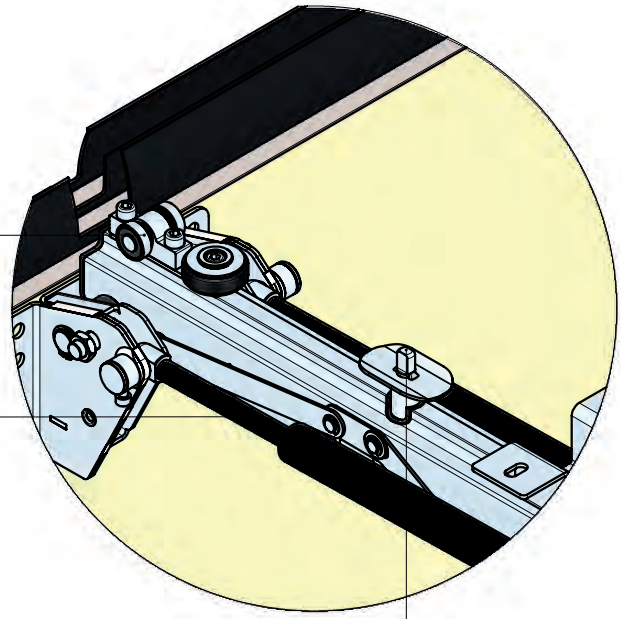


Crémaillère pour rail de coulissement en aluminium.
Locking track for power lift rail.

Référence *Reference*	Kg	Finition *Finish*
510510556	0,965	Aluminium *Aluminium*

Automatique / *Automatic*

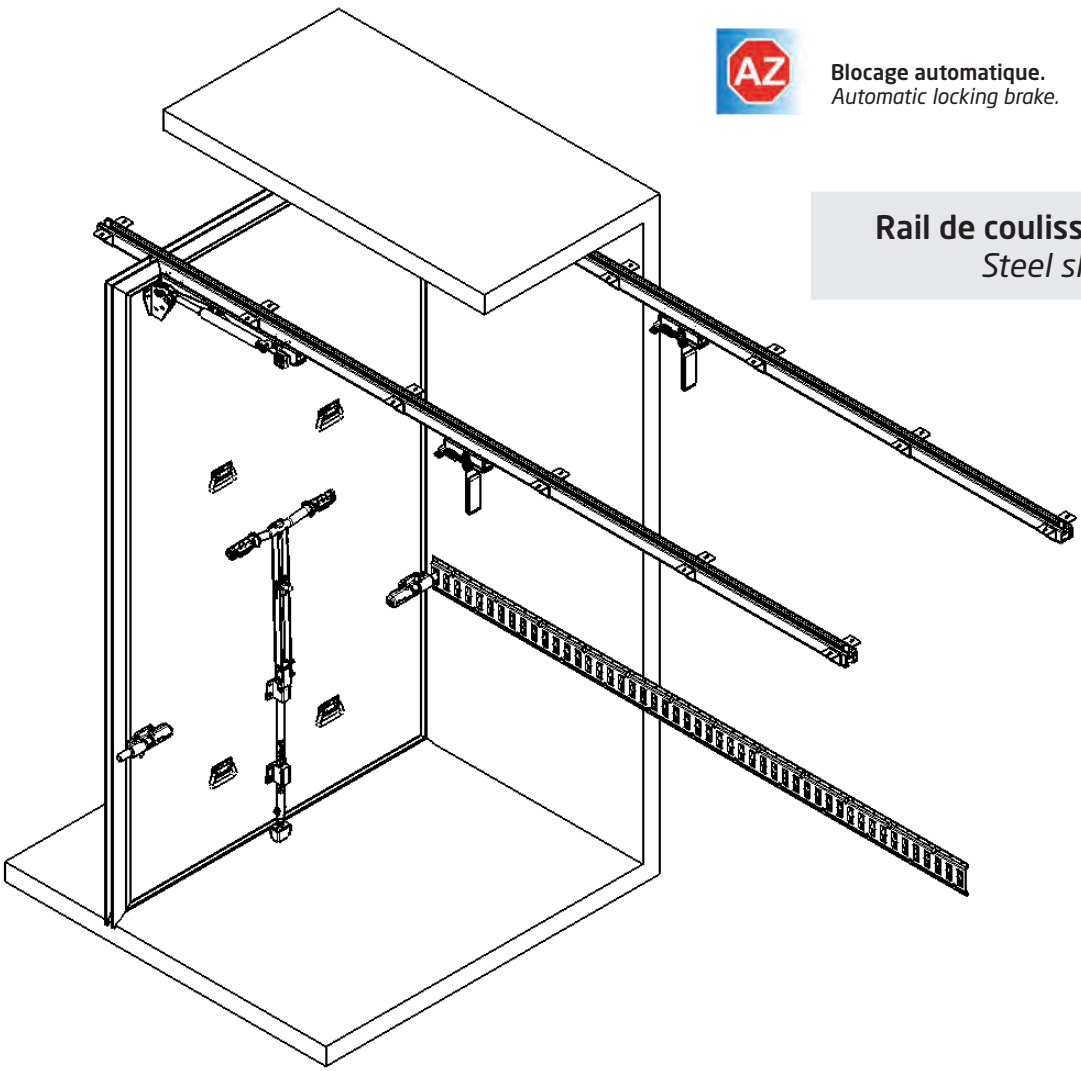
POWERLIFT



Coulissement à roulements.
Sliding system with bearings.

Avec 4/8 compas à gaz.
With 4/8 gas springs.

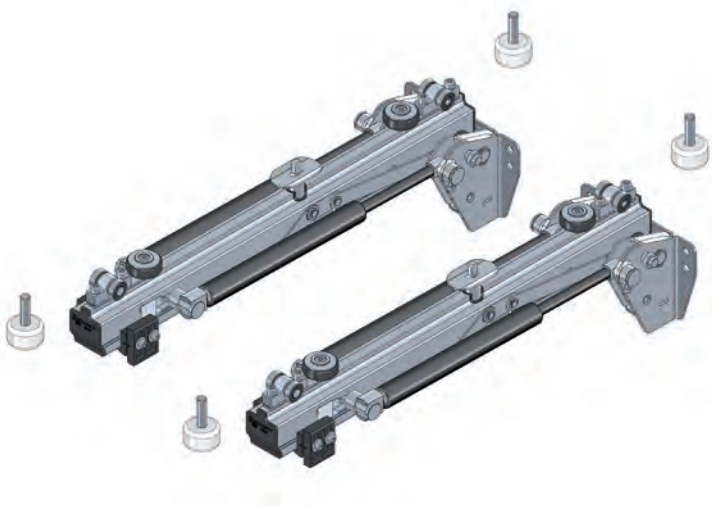
Blocage automatique.
Automatic locking brake.



Rail de coulissement en Acier
Steel sliding rail

Automatique / *Automatic*

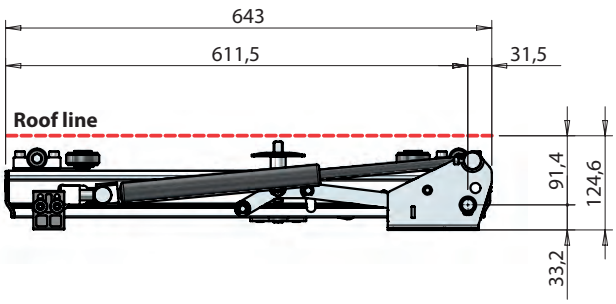
POWERLIFT

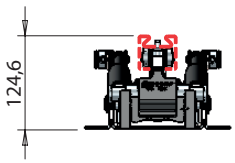


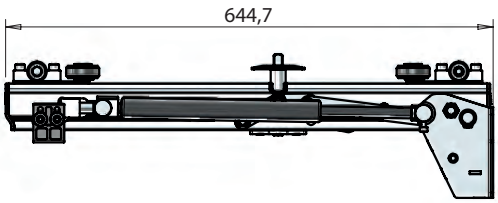
Kit releveur automatique à roulements avec 4 compas à gaz. Rail de coulissement en acier.
Automatic power lift kit, roller bearings with 4 gas springs. Power lift steel rail profile.

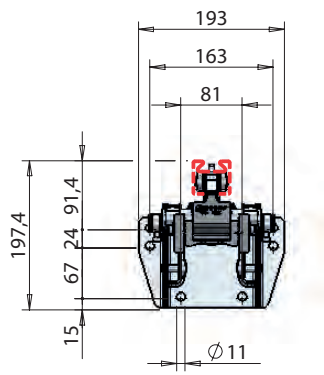
Référence *Reference*	Kg	Finition *Finish*
510511030	16,000	Aluminium *Aluminium*

Force des compas à préciser à la commande
Specify gas spring force when ordering



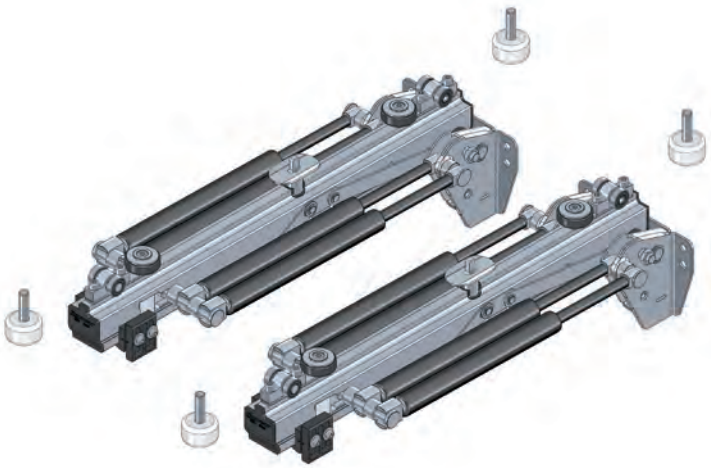






Automatique / *Automatic*

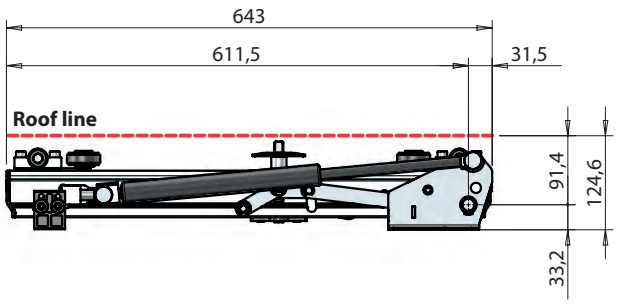
POWERLIFT

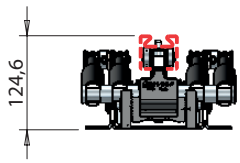


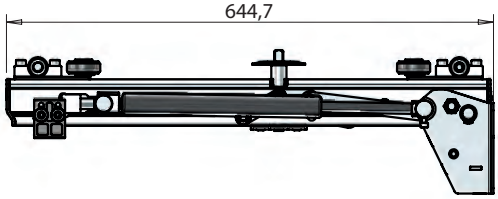
Kit releveur automatique à roulements avec 8 compas à gaz. Rail de coulissement en acier.
Automatic power lift kit, roller bearings with 8 gas springs. Power lift steel rail profile.

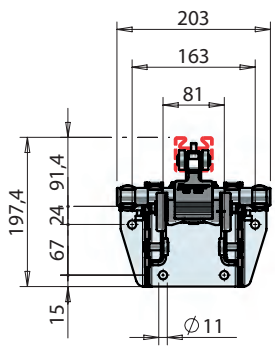
Référence *Reference*	Kg	Finition *Finish*
510511031	18,188	Aluminium *Aluminium*

Force des compas à préciser à la commande
Specify gas spring force when ordering

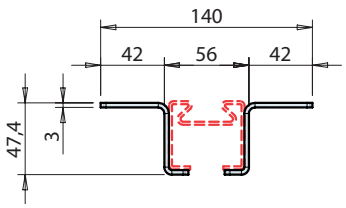


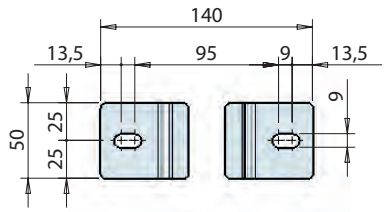






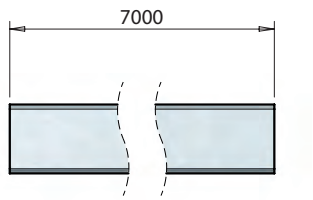
Automatique / *Automatic*

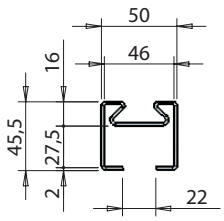




Etriers pour rail de coulissement en acier.
Fixing support bracket, pair, power lift steel rail profile.

Référence *Reference*	Kg	Finition *Finish*
510511016	0,225	Zingué *Zinc Plated*



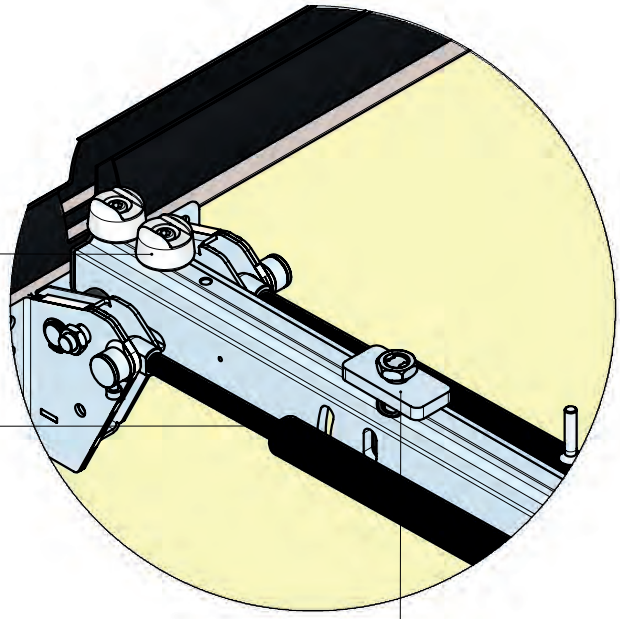


Rail de coulissement, longueur 7000 mm.
Power lift rail profile length 7000 mm

Référence *Reference*	Kg	Finition *Finish*
510511463	21,560	Zingué *Zinc Plated*

Manuel/ *Manual*

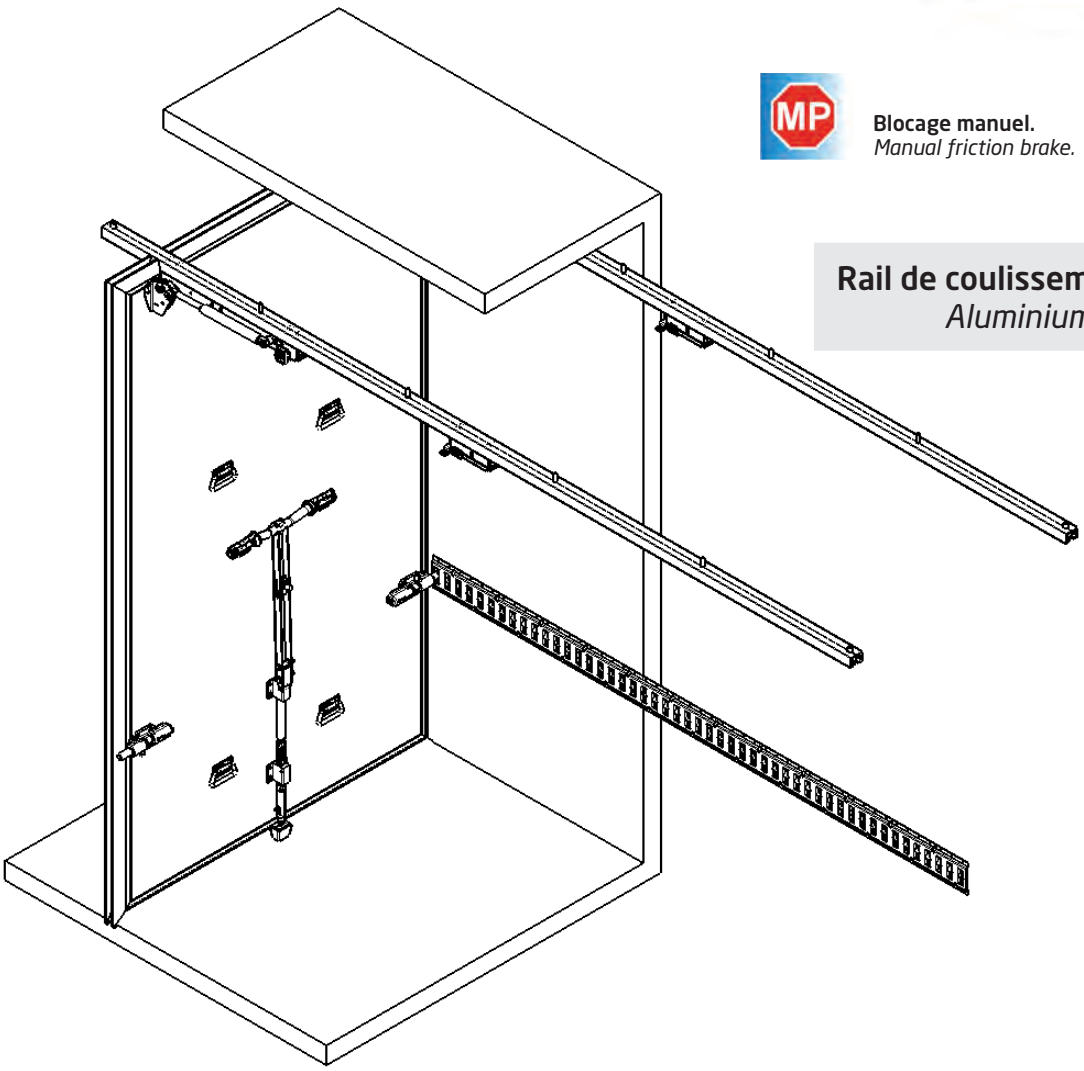
POWERLIFT



Coulissement à patins.
Sliding system with rollers.

Avec 4/8 compas à gaz.
With 4/8 gas springs.

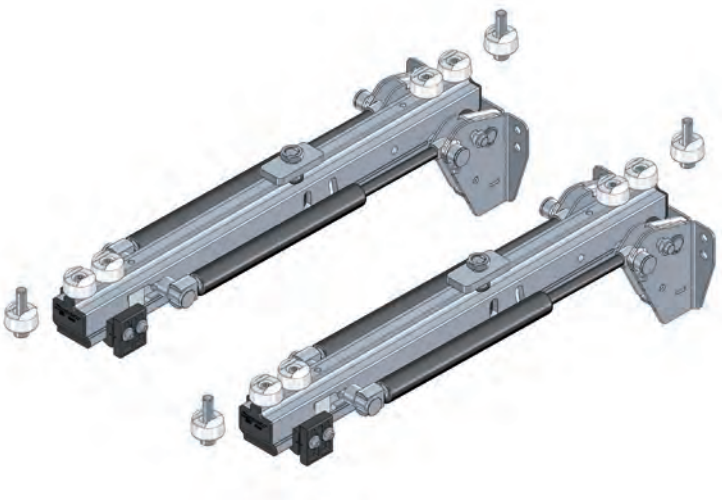
Blocage manuel.
Manual friction brake.



Rail de coulissement en Aluminium
Aluminium sliding rail

Manuel/ *Manual*

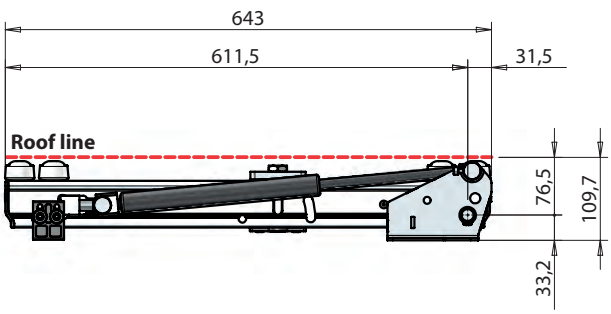
POWERLIFT

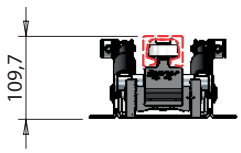


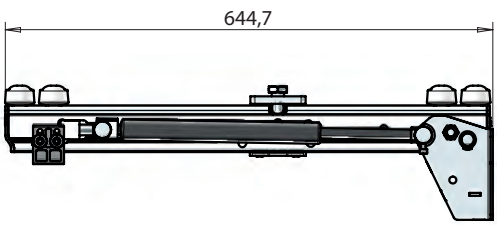
Releveur manuel à galets de glissement avec 4 compas à gaz. Rail de coulissement type penderie à viande.
Manual power lift kit, rollers, with 4 gas springs, hook rail profile.

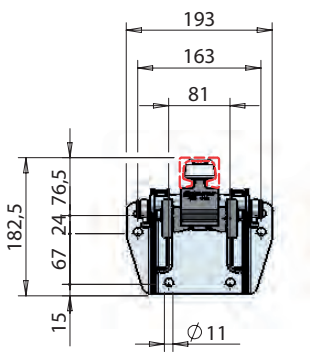
Référence *Reference*	Kg	Finition *Finish*
510510867	14,912	Aluminium *Aluminium*

Force des compas à préciser à la commande
Specify gas spring force when ordering



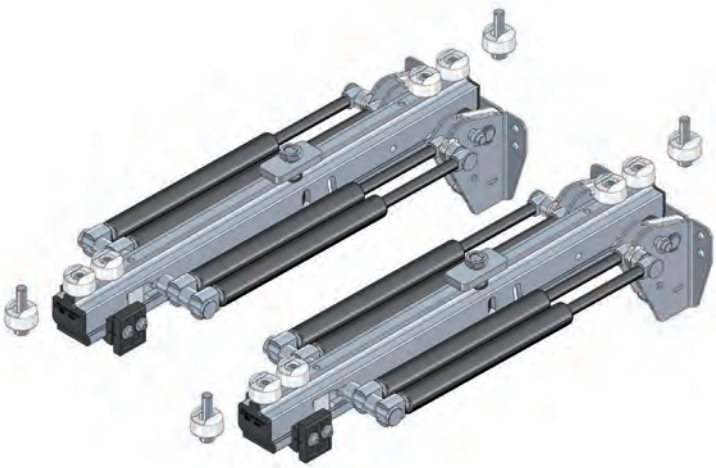






Manuel/ *Manual*

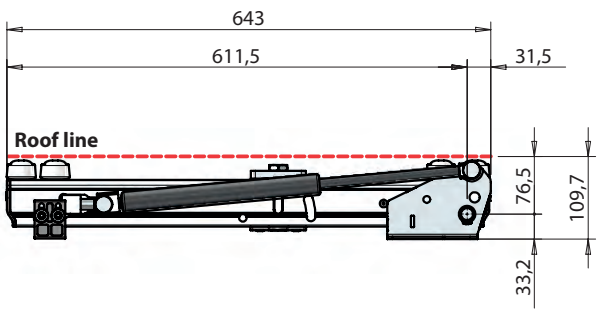
POWERLIFT

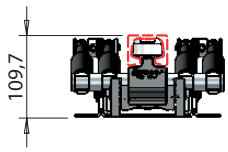


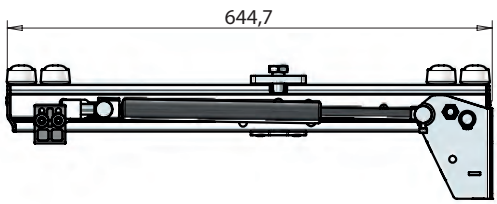
Releveur manuel à galets de glissement avec 8 compas à gaz. Rail de coulissement type penderie à viande.
Manual power lift kit, rollers, with 8 gas springs, hook rail profile.

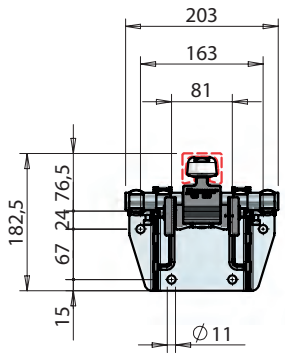
Référence *Reference*	Kg	Finition *Finish*
510510868	17,996	Aluminium *Aluminium*

Force des compas à préciser à la commande
Specify gas spring force when ordering

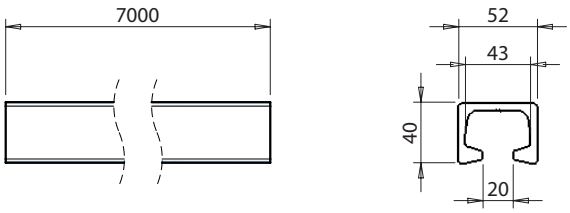






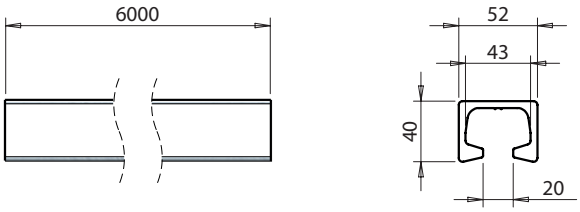


Accessoires et pièces de rechanges / *Accessories and spare parts*



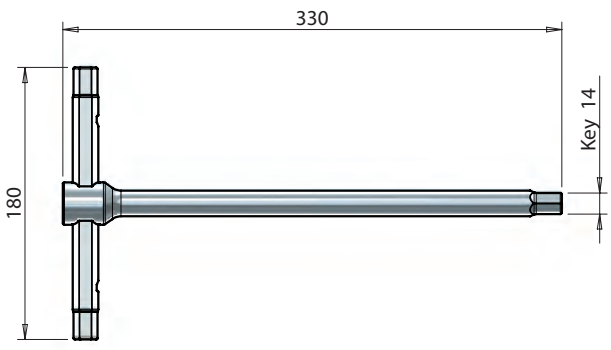
Profil glissière 52 x 40 x 7000 mm.
Hook rail profile 52 x 40 x 7000 mm.

Référence *Reference*	Kg	Finition *Finish*
800507247	15,000	Aluminium *Aluminium*



Profil glissière 52 x 40 x 6000 mm.
Hook rail profile 52 x 40 x 6000 mm.

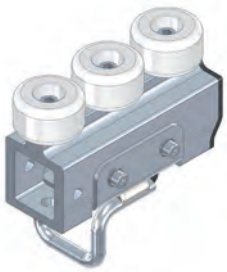
Référence *Reference*	Kg	Finition *Finish*
800507246	12,857	Aluminium *Aluminium*

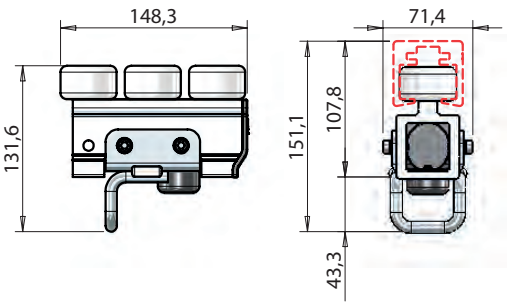


Clé Allen en T de 14 mm.
«T» Allen key for 14 mm.

Référence *Reference*	Kg	Finition *Finish*
740510817	0,880	Inox *Stainless Steel*

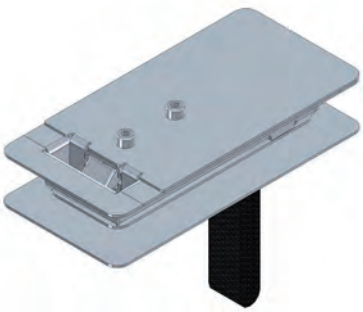
Accessoires et pièces de rechanges / *Accessories and spare parts*

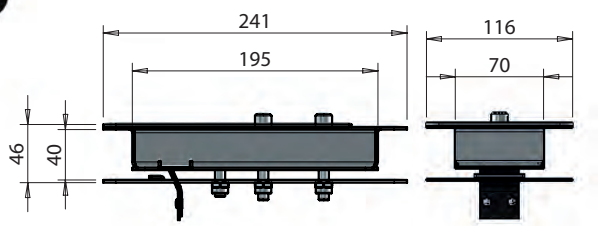




Système de blocage automatique du releveur. Rail de coulissement en aluminium.
Automatic stowing device. Aluminium rail profile.

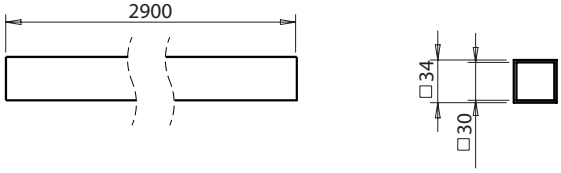
Référence *Reference*	Kg	Finition *Finish*
510511155	0,925	Aluminium *Aluminium*





Contre-plaque du système de blocage.
Catch plate for automatic power liftstowing device.

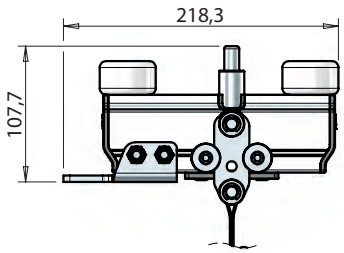
Référence *Reference*	Kg	Finition *Finish*
510511157	2,265	Inox *Stainless Steel*

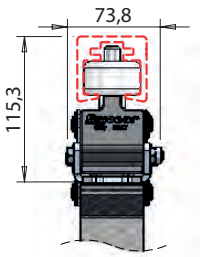


Tube carré 34 x 2 x 2900 mm.
Square tube 34 x 2 x 2900 mm.

Référence *Reference*	Kg	Finition *Finish*
605010891	2,189	Aluminium *Aluminium*

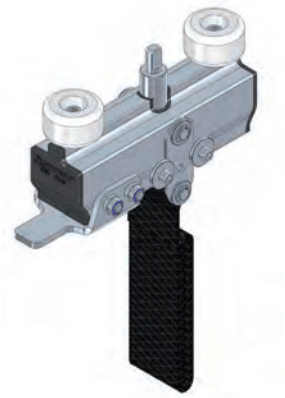
Accessoires et pièces de rechanges / *Accessories and spare parts*

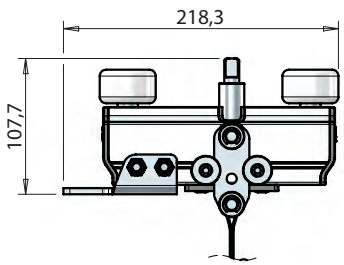


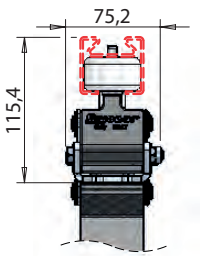


Système de blocage manuel pour releveur automatique.
Rail de coulissement en aluminium.
Manual stowing device for automatic operation power lift.
Aluminium rail profile.

Référence *Reference*	Kg	Finition *Finish*
510510872	1,438	Aluminium *Aluminium*



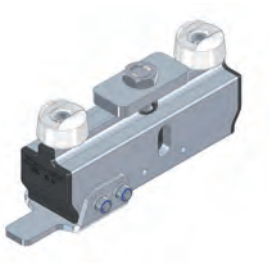




Système de blocage manuel pour releveur automatique.
Rail de coulissement en acier.
Manual stowing device for automatic operation power lift.
Steel rail profile.

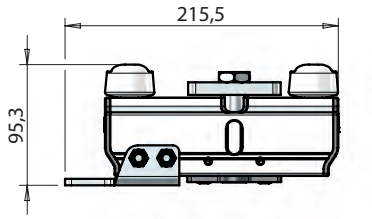
Référence *Reference*	Kg	Finition *Finish*
510511029	1,600	Aluminium *Aluminium*

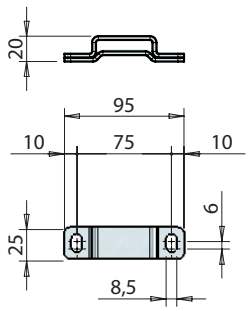
Accessoires et pièces de rechanges / *Accessories and spare parts*



Système de blocage manuel pour releveur manuel.
Rail de coulissement type penderie à viande.
Manual stowing device for manual operation power lift. Hook rail profile.

Référence *Reference*	Kg	Finition *Finish*
510510874	1,426	Aluminium *Aluminium*

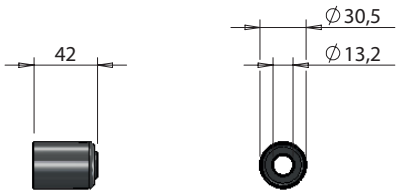




Contre-plaque du système de blocage.
Catch plate for manually operated power lift.

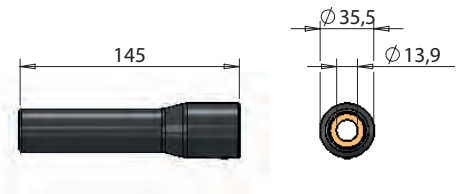
Référence *Reference*	Kg	Finition *Finish*
510510608	0,110	Inox *Stainless Steel*

Accessoires et pièces de rechanges / *Accessories and spare parts*



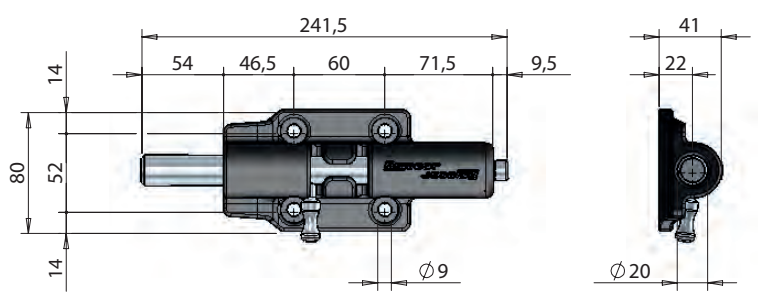
Capuchon de protection pour compas à gaz.
Rubber protection cover for gas spring of power lift.

Référence *Reference*	Kg	Finition *Finish*
710511283	0,004	Plastique *Plastic*



Tube de protection pour compas à gaz.
Double stage protective sleeve for power lift gas springs.

Référence *Reference*	Kg	Finition *Finish*
510510925	0,166	Aluminium *Aluminium*



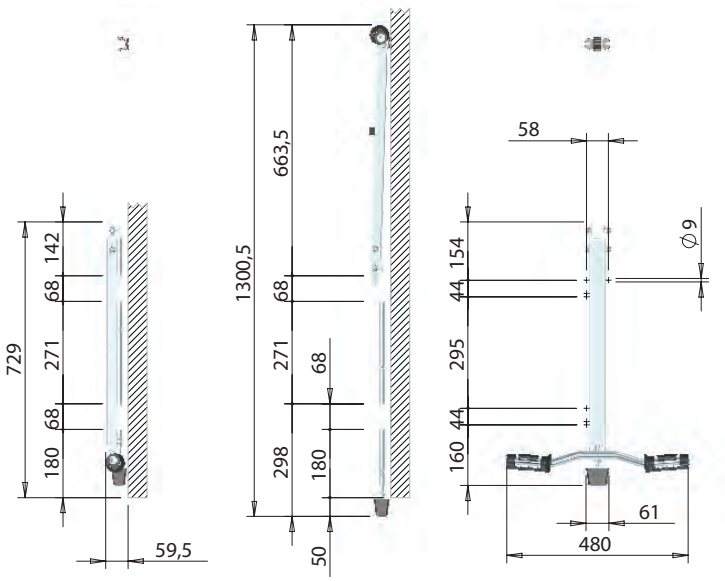
Verrou à ressort pour cloison mobile.
Spring loaded bolt for partition wall.

Référence *Reference*	Kg	Finition *Finish*
741211058	0,680	Plastique *Plastic*

Accessoires et pièces de rechanges / *Accessories and spare parts*

Fermeture articulée en applique pour blocage de la cloison au sol.
External articulated locking gear to block the partition wall to the floor.

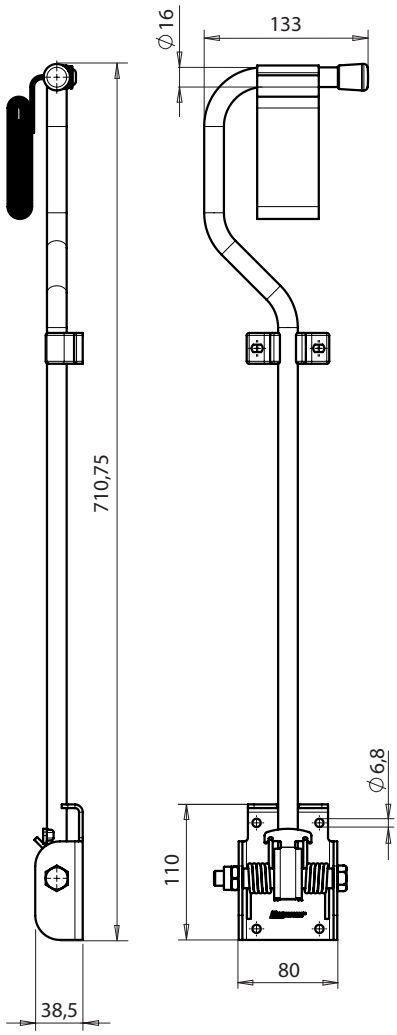
Référence *Reference*	Kg	Finition *Finish*
510511279	4,381	Inox *Stainless Steel*

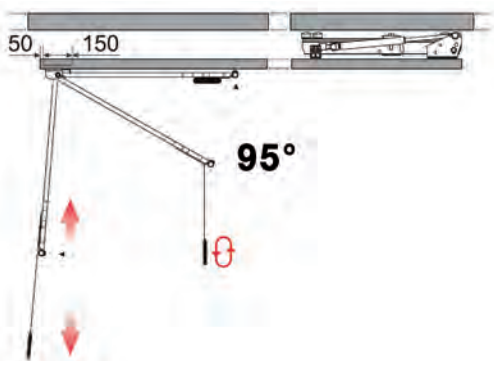


Accessoires et pièces de rechanges / *Accessories and spare parts*

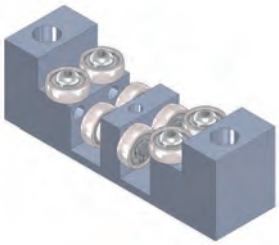
Poignée de manœuvre pour blocage de la cloison mobile au toit.
External articulated lever to block partition wall horizontally.

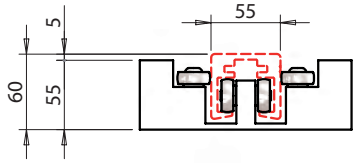
Référence *Reference*	Kg	Finition *Finish*
510511689	1,25	Inox *Stainless Steel*

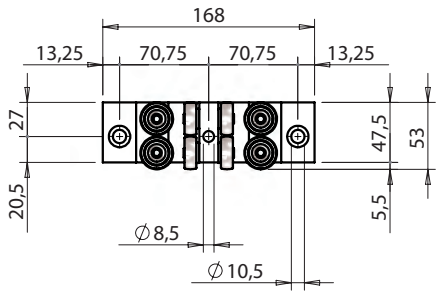




Autres systèmes de cloisons coulissantes / *Other partition wall systems*



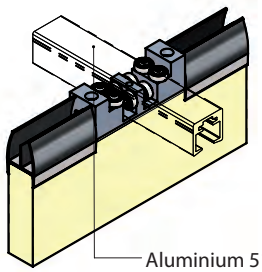




Bloc de coulissement pour cloison.
Sliding block for partition wall.

Référence *Reference*	Kg	Finition *Finish*
510511667	1,010	Aluminium *Aluminium*

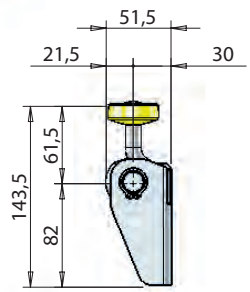
Charge statique maxi : 40 kg.
Maximal static load : 40 kg.

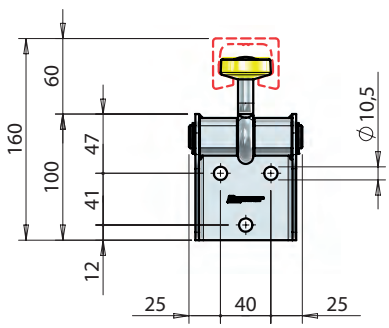


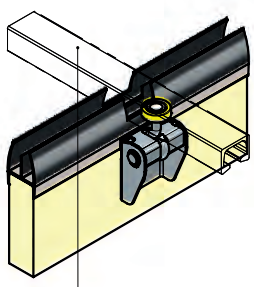
Aluminium 510510555 [L.7000]
510510555A [L.6000]
510510555B [L.7700]

2 blocs de coulissement et de relevage de cloison. Poids de la cloison 40 kg maximum.
Sliding and elevation block with rollers x 2 for partition wall. Max partition wall weight 40 kg.

Référence *Reference*	Kg	Finition *Finish*
510511046	1,516	Inox *Stainless Steel*





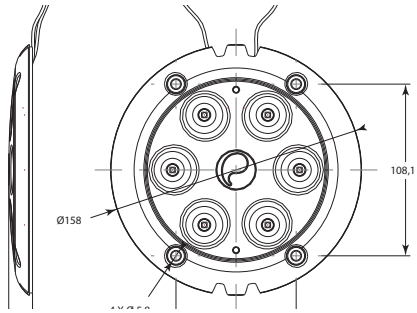


Aluminium 800507247

ÉCLAIRAGES
LIGHTING

ÉCLAIRAGE INTÉRIEUR / *INTERIOR LIGHTING*

Éclairage à LED / *LED lighting*



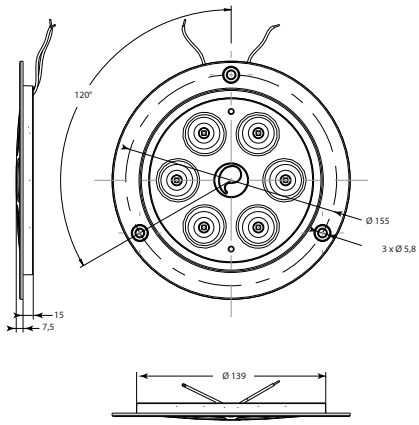
IRIZIUM AX 1000

Plafonnier en applique, aluminium blanc.
White external aluminium ceiling light.

Référence *Reference*	Kg	A	V	W	lm	°C	ADR	IP
4052310	0,18	1,32A @12V 0,62A @24V	12 24	15,84W @12V 14,88W @24V	1021	-40 +80	X	67

Obturateur de moulure passe fils pour 4052310.
Wire conduit cap for 4052310.

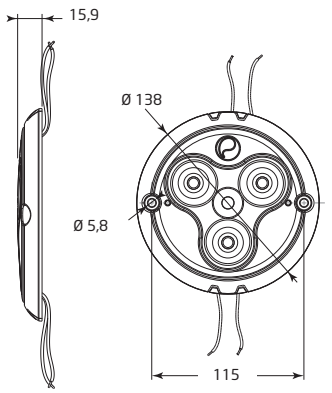
Référence *Reference*	Kg
40522400P	0,004



IRIZIUM AR 1000

Plafonnier à encastrer, aluminium blanc.
White recessed aluminium ceiling light.

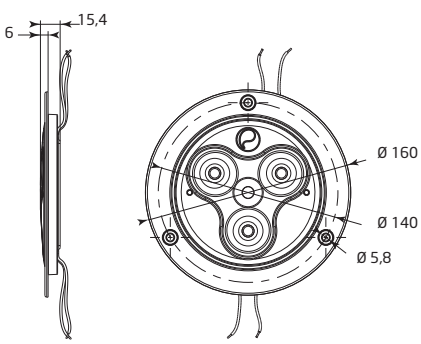
Référence *Reference*	Kg	A	V	W	lm	°C	ADR	IP
4052300	0,192	1,32A @12V 0,62A @24V	12 24	15,84W @12V 14,88W @24V	1021	-40 +80	X	67



IRIZIUM PX 500

Plafonnier en applique, plastique blanc.
External ceiling light, white plastic.

Référence *Reference*	Kg	A	V	W	lm	°C	ADR	IP
4052360	0,116	0,38A @24V 0,69A @12V	12 24	9,12W @24V 8,28W @12V	565	-40° +80°	X	67

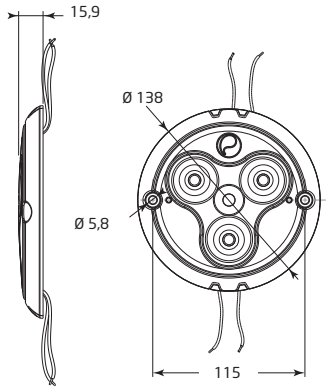


IRIZIUM PR 500

Plafonnier à encastrer, plastique blanc.
Recessed ceiling light, white plastic.

Référence *Reference*	Kg	A	V	W	lm	°C	ADR	IP
4052350	0,133	0,38A @24V 0,69A @12V	12 24	9,12W @24V 8,28W @12V	565	-40° +80°	X	67

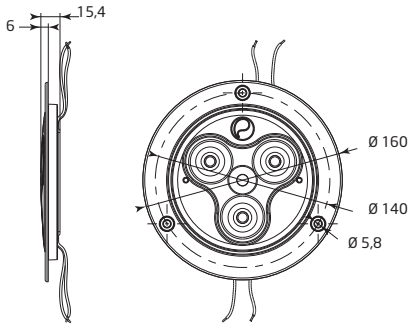
Éclairage à LED / *LED lighting*



IRIZIUM PX 500 IR

Plafonnier en applique à détecteur, plastique blanc.
External ceiling light, with sensor, white plastic.

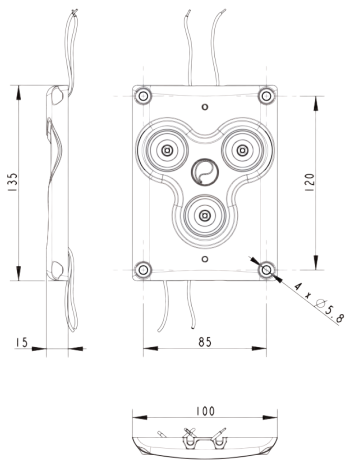
Référence *Reference*	Kg	A	V	W	lm	°C	ADR	IP
4052380	0,12	0,38A @ 24V 0,69A @ 12V	12 24	9,12W @ 24V 8,28W @ 12V	565	-30° +50°	X	67



IRIZIUM PR 500 IR

Plafonnier à encastrer à détecteur, plastique blanc.
Recessed ceiling light, with sensor, white plastic.

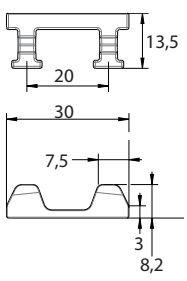
Référence *Reference*	Kg	A	V	W	lm	°C	ADR	IP
4052370	0,132	0,38A @ 24V 0,69A @ 12V	12 24	9,12W @24V 8,28W @ 12V	565	-30° +50°	X	67



IRIZIUM AX 600

Plafonnier en applique, aluminium blanc.
External ceiling light, white aluminium.

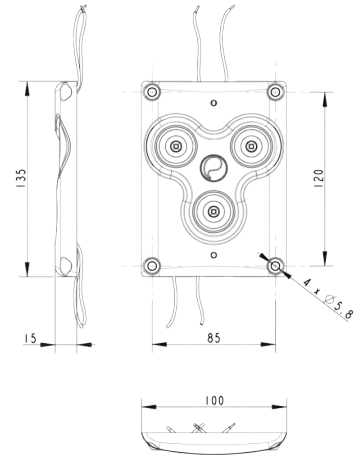
Référence *Reference*	Kg	A	V	W	lm	°C	ADR	IP
4052330	0,221	0,29A @ 24V 0,51A @ 12V	12 24	7W @ 24V 6W @ 12V	650	-40 +80	X	67



Obturateur de moulure passe-fil pour 4052330.
Wire conduit cap for 4052330.

Référence *Reference*	Kg
40522500B	0,004

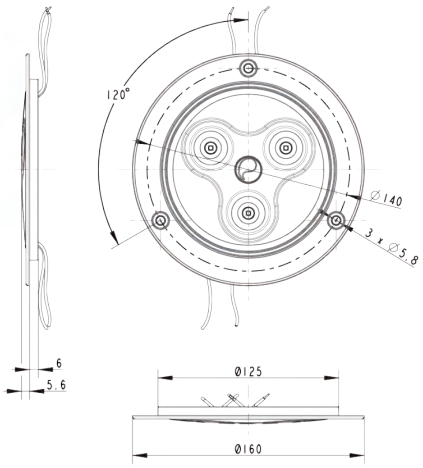
Éclairage à LED / *LED lighting*



IRIZIUM AX 600 NWC

Plafonnier en applique, sans passe-fils, aluminium blanc.
External ceiling light without wire conduit holes, white aluminium.

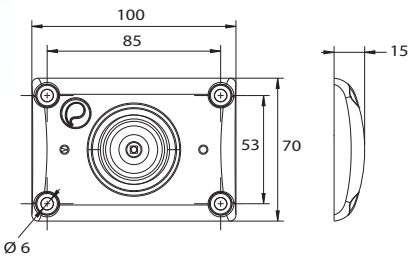
Référence *Reference*	Kg	A	V	W	lm	°C	ADR	IP
4052335	0,221	0,29A @ 24V 0,51A @ 12V	12 24	7W @ 24V 6W @ 12V	650	-40 +80	X	67



IRIZIUM AR 600

Plafonnier à encastrer, aluminium blanc.
Recessed ceiling light, white aluminium.

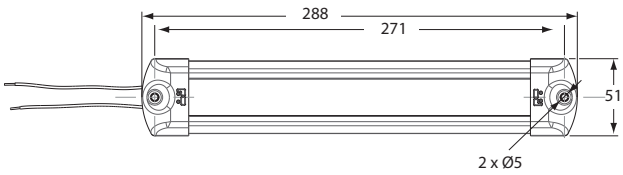
Référence *Reference*	Kg	A	V	W	lm	°C	ADR	IP
4052320	0,229	0,29A @ 24V 0,51A @ 12V	12 24	7W @ 24V 6W @ 12V	650	-40 +80	X	67



IRIZIUM AX 300

Plafonnier en applique, aluminium blanc.
External ceiling light, white aluminium.

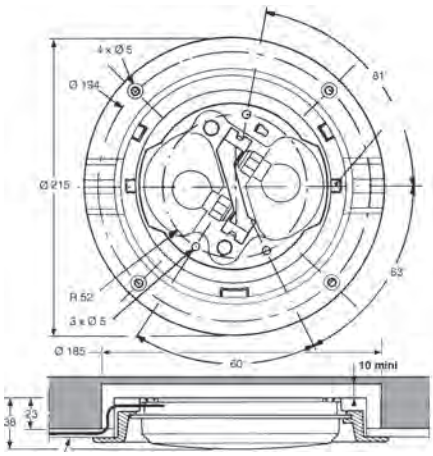
Référence *Reference*	Kg	A	V	W	lm	°C	ADR	IP
4052400	0,135	0,31A @ 12V 0,16A @ 24V	12 24	3,9	330	-40 +80	X	67



Réglette aluminium à leds.
Aluminium leds strip light.

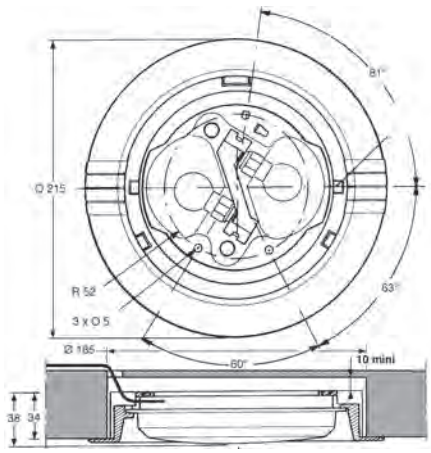
Référence *Reference*	Kg	A	V	W	lm	°C	IP
4052280	0,13	0,22A @ 12V 0,11A @ 24V	12 24	2,7	188	0 +60	-

Éclairage à ampoules / *Bulb lighting*



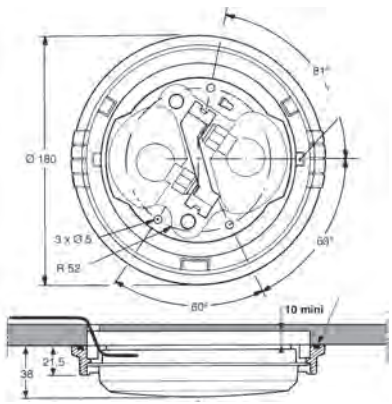
Plafonnier semi-encastré, épaisseur 23 mm, avec trous de fixation et passage de passe-fil.
Flush mounted ceiling light, 23 mm thickness, with fixing holes and wire conduit channel.

Référence *Reference*	Kg	Epaisseur *Thickness*
4051964	0,26	*23*



Plafonnier encastré gris, sans ampoules, épaisseur 34 mm, sans trous de fixation ni passage de passe-fil.
Grey flush mounted ceiling light, without bulb, 34 mm thickness, without fixing holes or wire conduit channel.

Référence *Reference*	Kg	Epaisseur *Thickness*
4051967	0,28	*34*



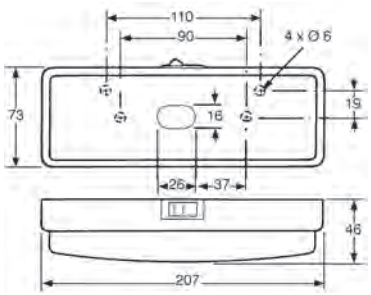
Plafonnier en applique, sans joint torique.
Surface mounted ceiling light, without O'ring.

Référence *Reference*	Kg
4051961	0,237

Globe translucide pour 4051961.
Translucent cover for 4051961.

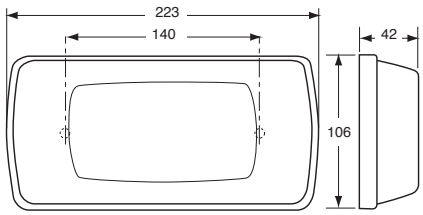
Référence *Reference*	Kg
4051961GL	0,5

Éclairage à ampoules / *Bulb lighting*



Plafonnier rectangulaire, socle blanc, cabochon translucide, avec interrupteur, deux plots, sans ampoule (SP 2 x 5 W ou 2 x 10 W).
Rectangular ceiling light, white rim, translucent lens, with switch, two bulbholders, without bulb (SP 2 x 5 W or 2 x 10 W).

Référence *Reference*	Kg
3851952	0,152



Plafonnier avec socle en acier inoxydable, sans joint, peut recevoir deux ampoules ballon de 21 W en 6, 12 ou 24 V.
Ceiling light with stainless steel base-plate, without seal, can house two spherical bulbs 21 W, 6, 12 or 24 V.

Référence *Reference*	Kg
4051932	0,21

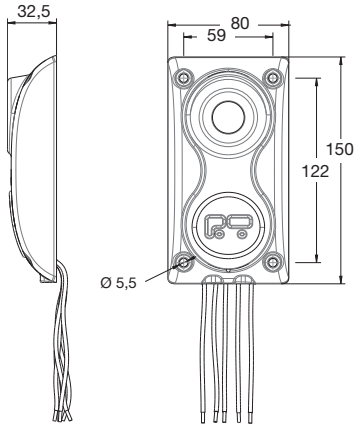
Cabochon seul en polycarbonate.
Lens only in polycarbonate.

Référence *Reference*	Kg
4051932CA	0,062

Joint caoutchouc gris pour 4051932.
Rubber gasket grey for 4051932.

Référence *Reference*	Kg
4051934	0,63

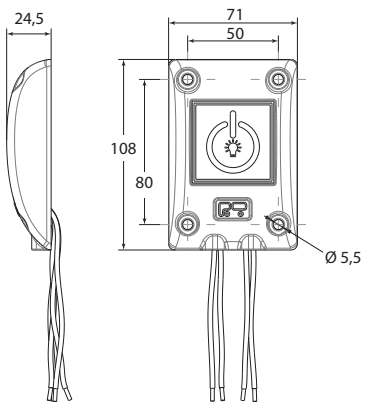
Commandes d'éclairages / *Lighting controls*



SYOU

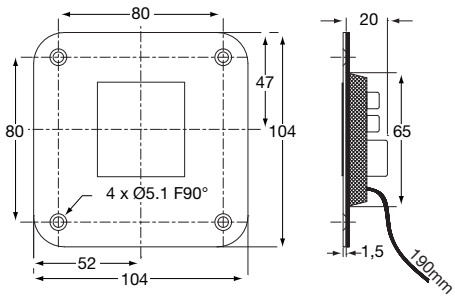
Détecteur de mouvements temporisé, charge commutable 10 A.
Motion sensor. With timer, commutable current 10 A.

Référence *Reference*	Kg	A	V	°C	ADR	IP
4051925	0,32	10A	12 24	-30 +50	x	67



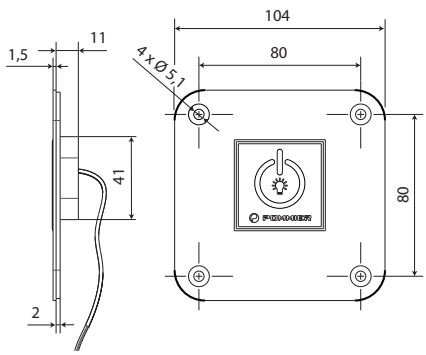
Interrupteur temporisé réglable (0/10/20/45 minutes) en applique. Boitier en aluminium blanc. Préavis de fin de temporisation, charge commutable 15 A.
External adjustable (0/10/20/45 minutes) timer switch. White aluminium housing. End of delay flashing. Commutable current 15 A.

Référence *Reference*	Kg	V	°C	ADR	IP
4051916	0,108	12 24	-20 +50	x	67



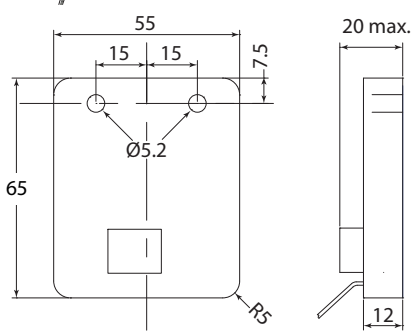
Interrupteur temporisé à encastrer, réglable (0/10/20/45 minutes), avec joints d'étanchéité. Préavis de fin temporisation, charge commutable 15 A.
Recessed timer switch, with foam seal. Adjustable setting (0/10/20/45 minutes). End of delay flashing. Commutable current 15 A.

Référence *Reference*	Kg	V	°C	ADR	IP
4051912R	0,196	12 24	-30 +50	x	67



Poussoir auxiliaire sans temporisation pour 4051912R ou 4051916, 4051918.
Auxiliary push button without timer for 4051912R and 4051916, 4051918.

Référence *Reference*	Kg	V	°C	ADR	IP
4051913	0,04	12 24	-30 +50	X	67



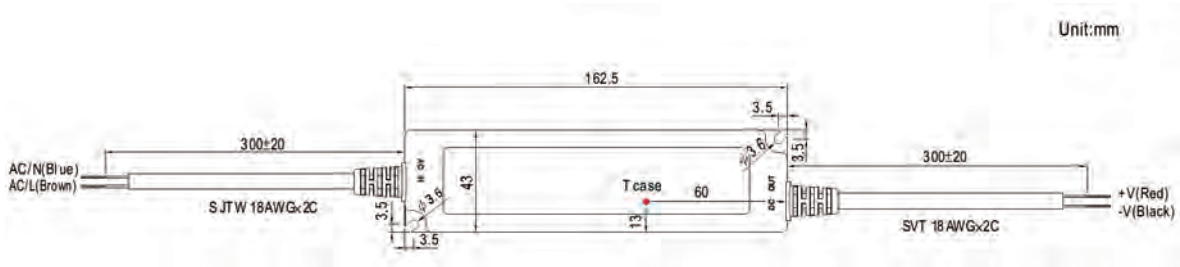
Module de temporisation 20 Min. Charge commutable 10 A.
Timer module, 20 Min delay. Commutable current 10 A.

Référence *Reference*	Kg	V	°C
4051918	0,085	12 24	-20 +50

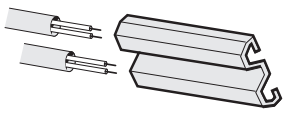
Alimentations / *Power supplies*

Alimentation 230VAC/12VDC 5A pour plafonnier à Leds.
230VAC/12VDC 5A Power supply for Led ceiling light.

Référence *Reference*	Kg	W
4052226	0,408	60

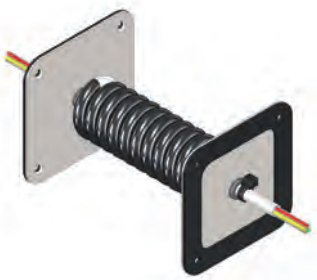


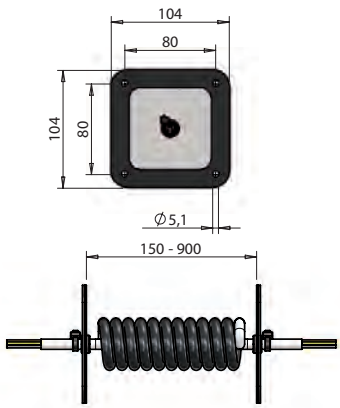
Câblerie et accessoires / *Cables and accessories*



Moulure passe-fil P.V.C. blanc.
White P.V.C. wire conduit.

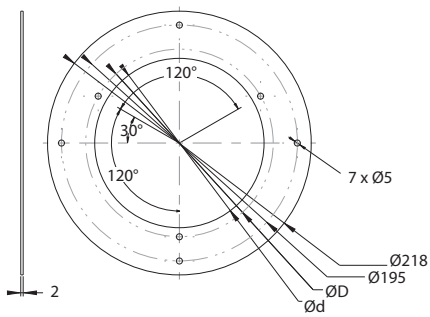
Référence *Reference*	Kg	Longueur *Length*
4051933	0,075	5





Câble de jonction 5 x 1 mm², cosses 6.35 mm, extensible de 150 à 900 mm. Platines inox avec joints d'étanchéité.
Junction cable 5 x 1 mm², 6.35 mm connectors. Extendable from 150 to 900 mm. Stainless steel plates with gaskets.

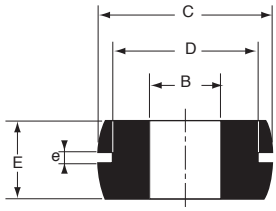
Référence *Reference*	Kg	Longueur *Length*
025711174	0,454	150-900



Disque d'adaptation plafonnier 8 leds vers IRIZIUM 1000 et 4 leds vers IRIZIUM 500 / 600.
Adaptation disc 8 leds for IRIZIUM 1000 and 4 leds for IRIZIUM 500 / 600.

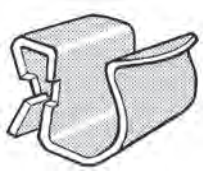
Référence *Reference*	Kg	Pour *For*
4052301	0,34	4052300
4052321	0,34	4052320 4052350 4052370

Câblerie et accessoires / *Cables and accessories*



Passe-fil.
Grommets.

Référence *Reference*	B (mm)	C (mm)	D (mm)	E (mm)	e (mm)	✉
5103340	6	15	10	8	3	100
5103350	8	20	12	7	2	100
5103351	12	25	18	10	2,5	100
5103353	24	44	34	15	2	100
5133406	8	25	17	10	2	100
5133407	10	19	15	7	2	100
5133409	11	19	14	7	2	100
5133533	6	15	10	7	2	100
5133535	7	15	10	7	2	100
5133537	8	19	13	7	2	100
5133541	12	29	19	14	5	100



Agrafes pour fixation de câbles. Sur tôle de 2 à 7.
Cables clips. For sheet 2 to 7.

Référence *Reference*	Ø
5052700	06-09
5052710	10-14

ACCESSOIRES SOUS-CHÂSSIS
SUB-FRAME ACCESSORIES

COFFRES INOX / *STAINLESS STEEL TOOLBOXES*
COFFRES ACIER / *STEEL TOOLBOXES*
COFFRES PLASTIQUES / *PLASTIC TOOLBOXES*
EXTINCTEURS / *EXTINGUISHERS*
COFFRES DIVERS ET ACCESSOIRES / *VARIOUS TOOLBOXES AND ACCESSORIES*
AILES / *MUDGUARDS*
BAVETTES / *MUD-FLAPS*
ACCESSOIRES DE ROUES / *WHEEL ACCESSORIES*
BÉQUILLES POUR SEMI-REMORQUES / *LANDING LEGS FOR SEMI-TRAILERS*

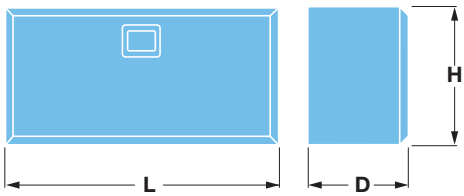
Coffres inox / *Stainless steel toolboxes*

Select

Coffre à outils en tôle inox.
Tool-box stainless steel.

ECE R 73

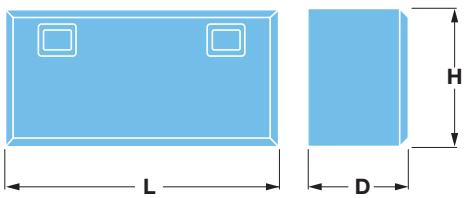
Référence *Reference*	Kg	H	L	D	Epaisseur *Thickness*
3950864	18	400	600	450	1,5



Coffre à outils en tôle inox.
Tool-box stainless steel.

ECE R 73

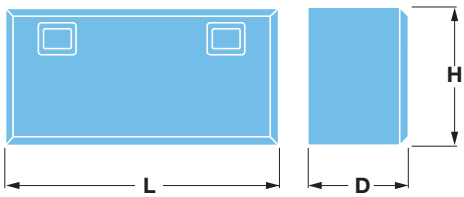
Référence *Reference*	Kg	H	L	D	Epaisseur *Thickness*
3950865	26	500	800	500	1,5
3950866	31	500	1000	500	1,5



Coffres acier / *Steel toolboxes*

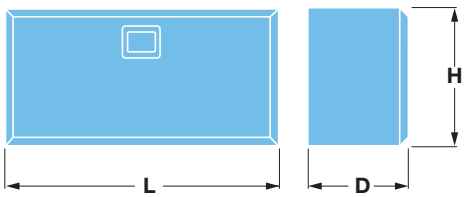
Coffre à outils acier + peinture noire.
Steel Tool-box + black powder coated.

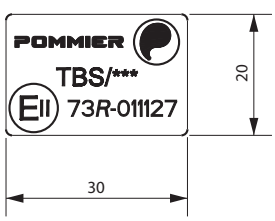
Référence *Reference*	Kg	H	L	D	Epaisseur *Thickness*
3950873	12	300	600	300	1,5
3950875	17,5	400	600	450	1,5
3950876	26	500	800	500	1,5
3950877	31	500	1000	500	1,5



Coffre à outils acier + peinture noire.
Steel Tool-box + black powder coated.

Référence *Reference*	Kg	H	L	D	Epaisseur *Thickness*
3950872	9	300	400	300	1,5
3950874	13	350	500	400	1,5





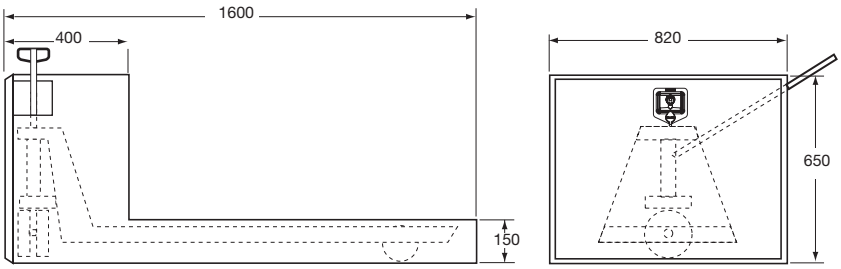
Etiquette TBS/* 73R-011127 pour coffres acier et inox.**
*Label TBS/*** 73R-011127 for steel and stainless steel toolboxes.*

Référence *Reference*	Pour *For*
3950863ET	3950864 3950865 3950866 3950873 3950875 3950876 3950877 3950872 3950874

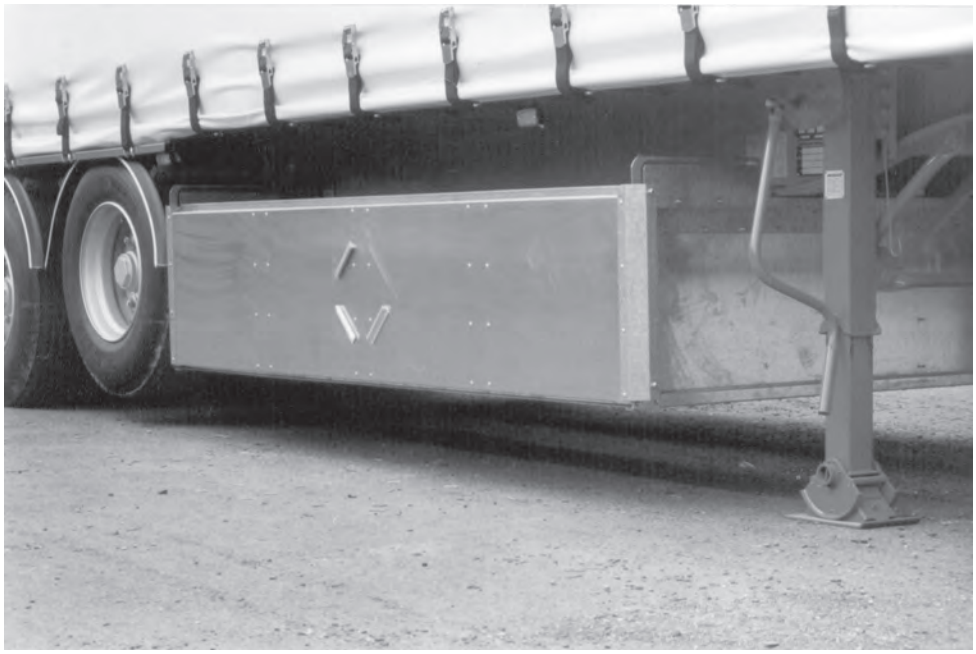
Coffres à transpalettes / *Forklift toolboxes*

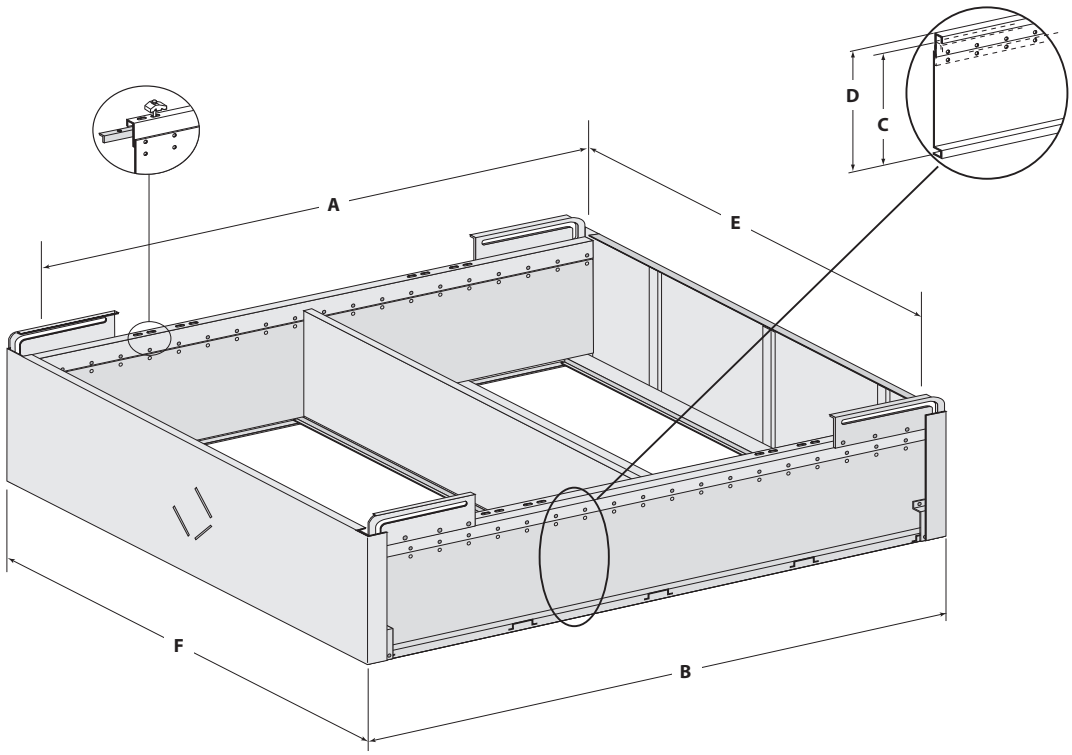
Coffre pour transpalette en tôle acier, peinture noire.
Transpallet box, steel, black powder coated.

Référence *Reference*	Kg	Epaisseur *Thickness*
3950850	56	1,5



Coffres à palettes / *Pallet boxes*

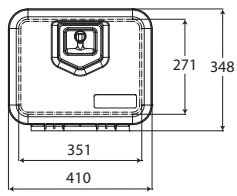


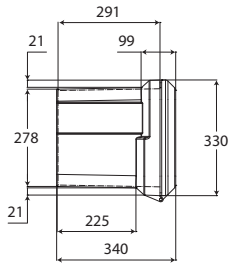


Coffre porte-palettes en tôle acier galvanisé. Capacité : 30 ou 36 europalettes 800 x 1200 mm selon hauteur de montage. Modèle avec couvercle et fond (*).
Complete galvanized steel plate pallet box. Capacity : 30 or 36 europallets 800 x 1200 mm depending of the fitting height, with cover and floor (*).

Référence *Reference*	Kg	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	Type *Type*
3950620	280	2420	2480	530-580	570-620	2650	2750	
3950621	420	2420	2480	530-580	570-620	2650	2750	*

Coffres plastique / *Plastic toolboxes*

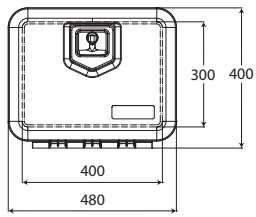


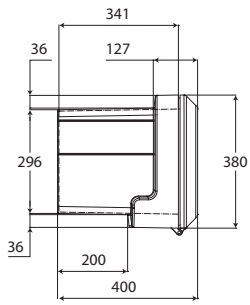


WELVET 400

Coffre à outils en polypropylène noir avec support de fixation (non montés) (*) ou sans support (**).
Black polypropylene toolbox with supports (not assembled) (*) or without supports (**).

Référence *Reference*	Kg	Type *Type*
3950628	4	*
3950628SF	4	**

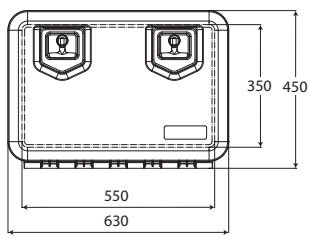


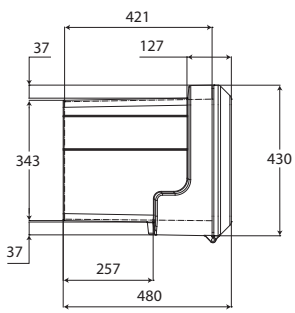


WELVET 500

Coffre à outils en polypropylène noir avec support de fixation (non montés) (*) ou sans support (**).
Black polypropylene toolbox with supports (not assembled) (*) or without supports (**).

Référence *Reference*	Kg	Type *Type*
3950629	8	*
3950629SF	8	**



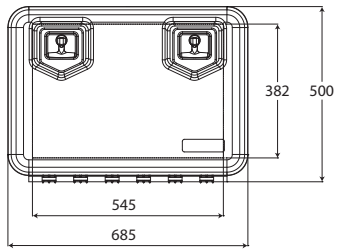


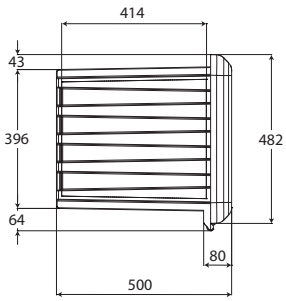
WELVET 600

Coffre à outils en polypropylène noir avec support de fixation (non montés) (*) ou sans support (**).
Black polypropylene toolbox with supports (not assembled) (*) or without supports (**).

Référence *Reference*	Kg	Type *Type*
3950634	11,7	*
3950634SF	11,7	**

Coffres plastique / *Plastic toolboxes*

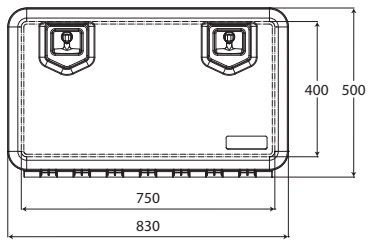


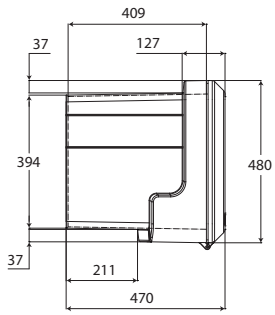


WELVET 685

Coffre à outils en polypropylène noir avec support de fixation (non montés) (*) ou sans support (**).
Black polypropylene toolbox with supports (not assembled) (*) or without supports (**).

Référence *Reference*	Kg	Type *Type*
3950638	6,5	*
3950638SF	6,5	**

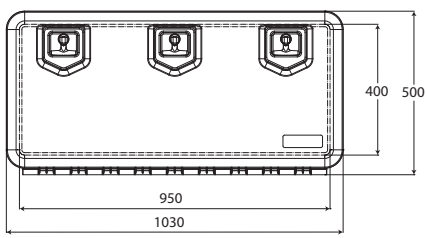


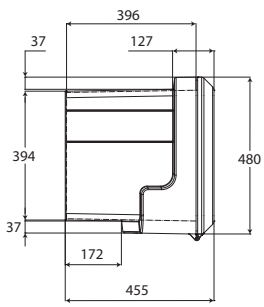


WELVET 800

Coffre à outils en polypropylène noir avec support de fixation (non montés) (*) ou sans support (**).
Black polypropylene toolbox with supports (not assembled) (*) or without supports (**).

Référence *Reference*	Kg	Type *Type*
3950635	15	*
3950635SF	15	**



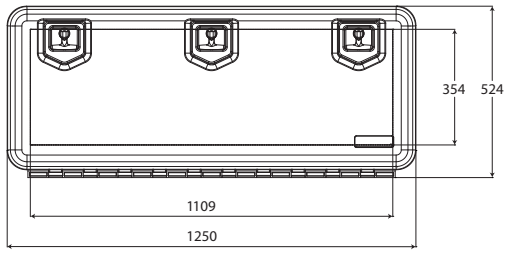


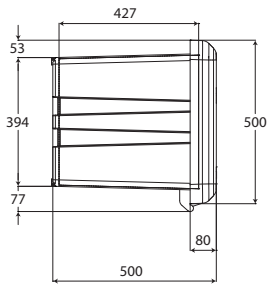
WELVET 1000

Coffre à outils en polypropylène noir avec support de fixation (non montés) (*) ou sans support (**).
Black polypropylene toolbox with supports (not assembled) (*) or without supports (**).

Référence *Reference*	Kg	Type *Type*
3950636	25	*
3950636SF	25	**

Coffres plastique / *Plastic toolboxes*

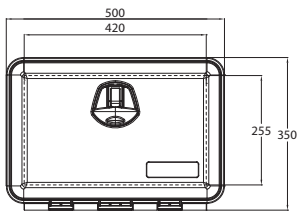


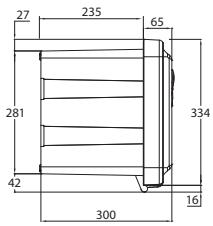


WELVET 1250

Coffre à outils en polypropylène noir avec support de fixation (non montés) (*) ou sans support (**).
Black polypropylene toolbox with supports (not assembled) (*) or without supports (**).

Référence *Reference*	Kg	Type *Type*
3950639	10,5	*
3950639SF	10,5	**

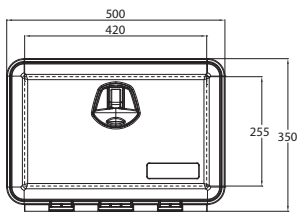


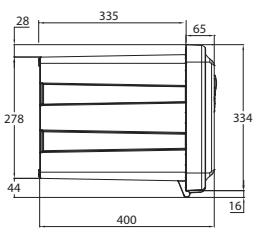


JUST 500 R

Coffre à outils en polypropylène noir avec supports de fixation (non montés) (*) ou sans supports (**).
Black polypropylene toolbox with supports (not assembled) (*) or without supports (**).

Référence *Reference*	Kg	Type *Type*
3950680	4,70	*
3950680SF	3,00	**



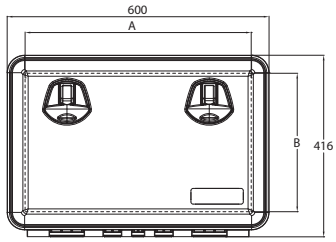


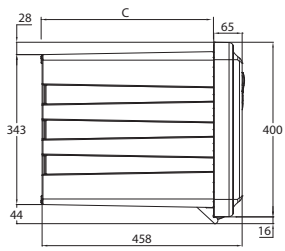
JUST 500

Coffre à outils en polypropylène noir avec supports de fixation (non montés) (*) ou sans supports (**).
Black polypropylene toolbox with supports (not assembled) (*) or without supports (**).

Référence *Reference*	Kg	Type *Type*
3950681	5,00	*
3950681SF	3,30	**

Coffres plastique / *Plastic toolboxes*

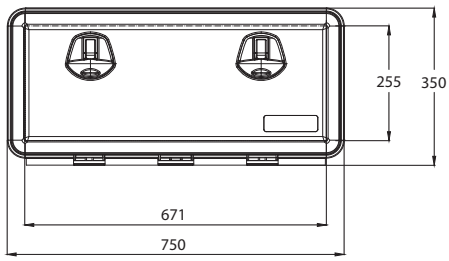


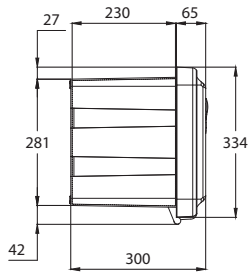


JUST 600

Coffre à outils en polypropylène noir avec supports de fixation (non montés) (*) ou sans supports (**).
Black polypropylene toolbox with supports (not assembled) (*) or without supports (**).

Référence *Reference*	Kg	Type *Type*
3950682	6,60	*
3950682SF	4,90	**

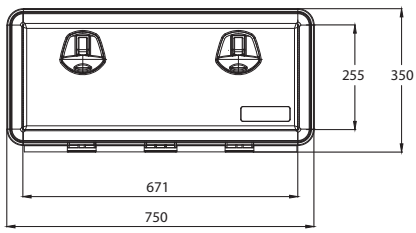


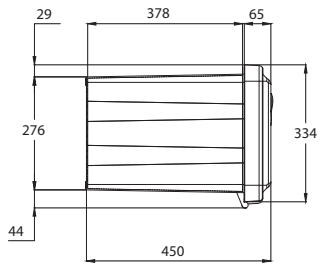


JUST 750 R

Coffre à outils en polypropylène noir avec supports de fixation (non montés) (*) ou sans supports (**).
Black polypropylene toolbox with supports (not assembled) (*) or without supports (**).

Référence *Reference*	Kg	Type *Type*
3950683	4,5	*
3950683SF	4,5	**

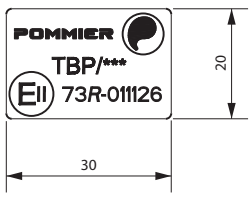




JUST 750

Coffre à outils en polypropylène noir avec supports de fixation (non montés) (*) ou sans supports (**).
Black polypropylene toolbox with supports (not assembled) (*) or without supports (**).

Référence *Reference*	Kg	Type *Type*
3950684	5,2	*
3950684SF	5,2	**



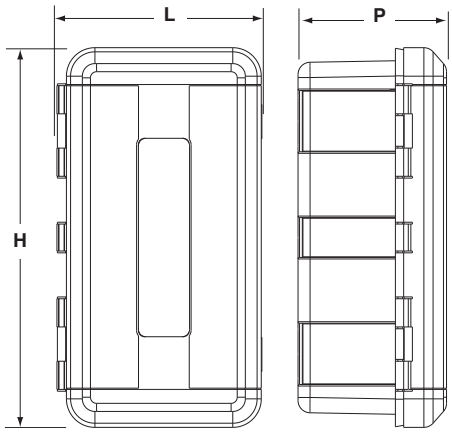
Etiquette 73R-011126 pour coffres plastique.
*Label TBP/*** 73R-011126 for plastic toolboxs.*

Référence *Reference*	Pour *For*		
3950637ET	3950628 3950628SF 3950629 3950629SF 3950634 3950634SF	3950635 3950635SF 3950636 3950636SF 3950380 3950380SF	3950681 3950381SF 3950682 3950682SF

Coffres à extincteurs et accessoires / *Extinguisher box and accessories*

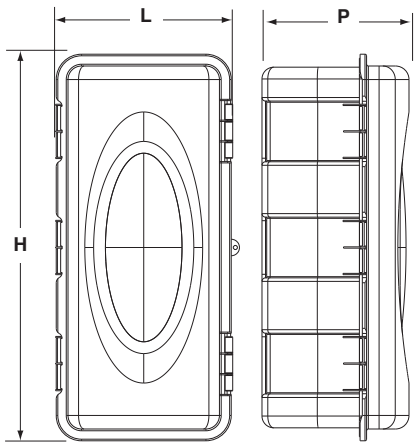
REGOW

Coffre pour extincteur 6 kg.
Box for extinguisher 6 kg.



Référence *Reference*	Kg	L (mm)	H (mm)	P (mm)
3950595	2.40	335	620	240

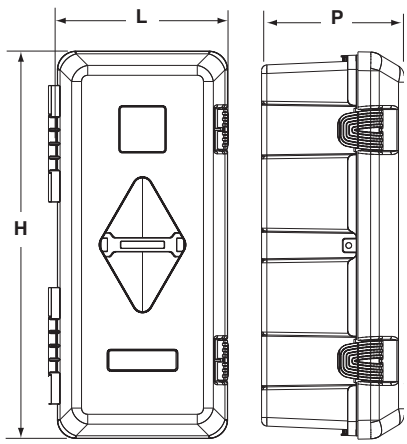
Coffre pour extincteur 6 kg.
Box for extinguisher 6 kg.



Référence *Reference*	Kg	L (mm)	H (mm)	P (mm)
3950603EI	1,945	300	655	240

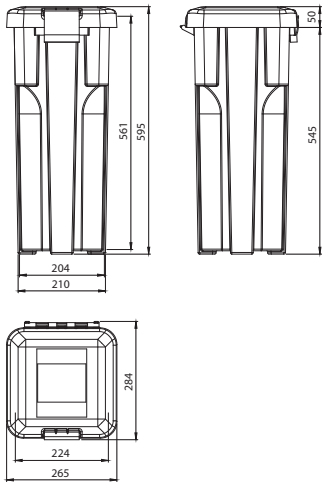
ADAMANT

Coffre pour extincteur 6 kg.
Box for extinguisher 6 kg.



Référence *Reference*	Kg	L (mm)	H (mm)	P (mm)
3950606EI	4,7	310	675	250

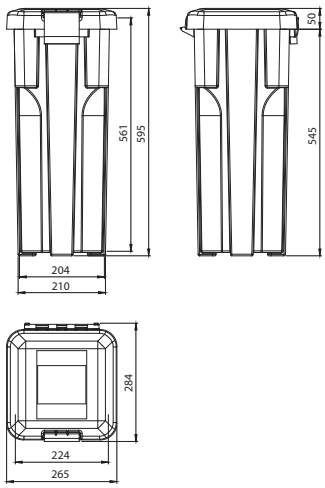
Coffres à extincteurs et accessoires / *Extinguisher box and accessories*



SLIDEN

Coffre à extincteur rouge 6 kg.
Red box for extinguisher 6 kg.

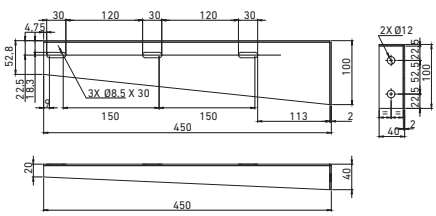
Référence *Reference*	Kg
3950593	2,10



SLIDEN

Coffre à extincteur noir 6 kg.
Black box for extinguisher 6 kg.

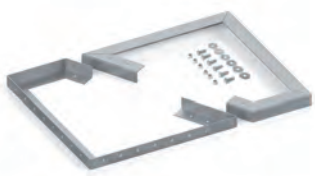
Référence *Reference*	Kg
3950594	2,10

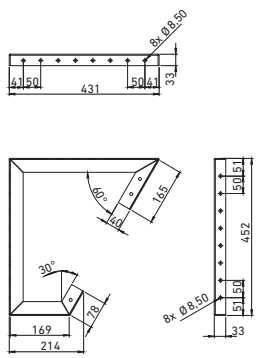


SLIDEN

Kit supports acier zingué pour coffres à extincteurs (3950593 et 3950594).
Zinc plated steel supports kit for SLIDEN fire extinguisher boxes (3950593 and 3950594).

Référence *Reference*	Kg
3950594SH	1,7





SLIDEN

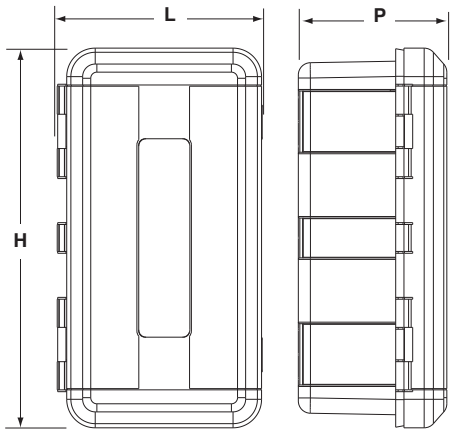
Kit supports 30/60° acier zingué pour coffres à extincteur (3950593 et 3950594).
Zinc plated steel supports kit 30/60° for fire extinguisher box (3950593 and 3950594).

Référence *Reference*	Kg
3950593SU	2,9

Coffres à extincteurs et accessoires / *Extinguisher box and accessories*

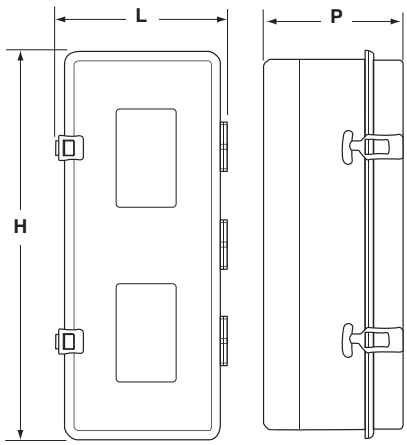
REGOW

Coffre pour extincteur 6 et 9 kg.
Box for extinguisher 6 and 9 kg.

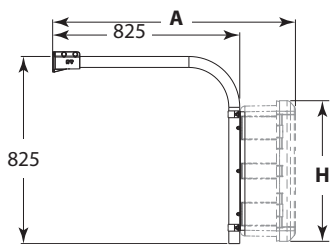


Référence *Reference*	Kg	L (mm)	H (mm)	P (mm)
3950596	2.70	335	715	240

Coffre pour extincteur 6 et 9 kg.
Box for extinguisher 6 and 9 kg.



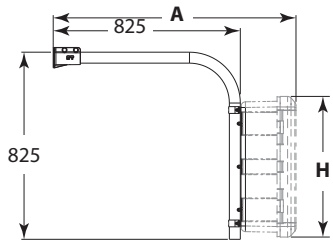
Référence *Reference*	Kg	L (mm)	H (mm)	P (mm)
3950604	4,5	318	786	230



Kit support seul e2-R73-0112211-00.
Support kit e2-R73-0112211-00.

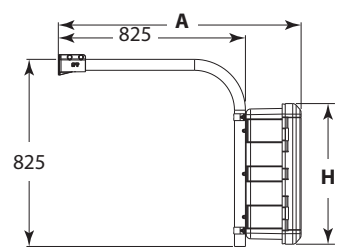
Référence *Reference*	Kg	A (mm)	H (mm)	Pour *For*	Composition *Composition*
3950595KS	10,70	1069	620 715	3950595 3950596	3950595PL 3109054 X2 3109051 X1 3109056GA X1 3950595KV X1

Coffres à extincteurs et accessoires / *Extinguisher box and accessories*



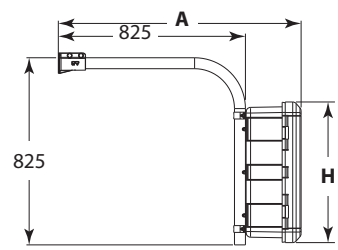
Kit support seul e2-R73-0112211-00.
Support kit e2-R73-0112211-00.

Référence *Reference*	Kg	A (mm)	H (mm)	Pour *For*	Composition *Composition*
3950603KS	10,42	1067	655	3950603EI	3950603PL X1 3109054 X2 3109051 X1 3109056GA X1 3950595KV X1



Kit support 3950595KS e2-R73-0112211-00 avec coffre pour extincteur 3950595.
Support kit 3950595KS e2-R73-0112211-00 with extinguisher box for 3950595.

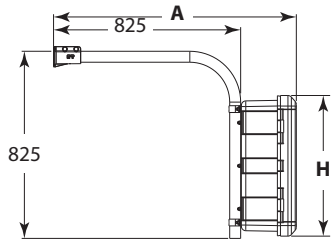
Référence *Reference*	Kg	Pour *For*	Composition *Composition*
3950595KSE	13,10	3950595	3950595 x1 3950595PL x1 3109054 x1 3109051 x1 3109056GA x1 3950595KV x1



Kit support 3950595KS e2-R73-0112211-00 avec coffre pour extincteur 3950596.
Support kit 3950595KS e2-R73-0112211-00 with extinguisher box for 3950596.

Référence *Reference*	Kg	Pour *For*	Composition *Composition*
3950596KSE	13,40	3950596	3950596 x1 3950595PL x1 3109054 x1 3109051 x1 3109056GA x1 3950595KV x1

Coffres à extincteurs et accessoires / *Extinguisher box and accessories*



Kit support 3950603KS e2-R73-0112211-00 avec coffre pour extincteur 3950603EI.
Support kit 3950603KS e2-R73-0112211-00 with extinguisher box for 3950603EI.

Référence *Reference*	Pour *For*	Composition *Composition*
3950603KSE	3950603EI	3950603EI x1 3950603PL x1 3109054 x1 3109051 x1 3109056GA x1 3950595KV x1

Coffres à extincteurs avec extincteurs / *Extinguisher box with extinguisher*

Coffre 3950595 + extincteur 6 kg 3950616.
Box 3950595 + extinguisher 6 kg 3950616.

Référence *Reference*	Kg
3950595KC	12,05

Coffre 3950603EI + extincteur 6 kg 3950616.
3950603EI box + 3950616 6 kg extinguisher.

Référence *Reference*	Kg
3950601KC	12,5

Coffre 3950606EI + extincteur 6 kg 3950616.
3950606EI box + 3950616 6 kg extinguisher.

Référence *Reference*	Kg
3950606KC	14,35

Coffres à extincteurs avec extincteurs / *Extinguisher box with extinguisher*

Coffre 3950596 + extincteur 9 kg 3950617.
Box 3950596 + extinguisher 9 kg 3950617.

Référence *Reference*	Kg
3950596KC	17,35

Coffre 3950604 + extincteur 9 kg 3950617.
3950604 box + 3950617 9 kg extinguisher.

Référence *Reference*	Kg
3950604KC	18,20

Extincteurs et supports / *Extinguishers and supports*

Extincteur 2 kg, poudre ABC, foyers 8A-89B-C.
2 kg extinguisher, ABC powder, 8A-89B-C fire kinds.

Référence *Reference*	Kg	Ø	H (mm)
3950615	3,32	111	335

Extincteur 6 kg, poudre ABC, foyers 21A-183B-C.
6 kg extinguisher, ABC powder, 21A-183B-C fire kinds.

Référence *Reference*	Kg	Ø	H (mm)
3950616	9,7	150	510

Extincteur 9 kg, poudre ABC, foyers 34A-233B-C.
9 kg extinguisher, ABC powder, 34A-233B-C fire kinds.

Référence *Reference*	Kg	Ø	H (mm)
3950617	13,7	170	615

Support acier peint pour extincteur 6 kg 3950616.
Painted steel support for 6 kg extinguisher 3950616.

Référence *Reference*	Kg
3950618	0,7

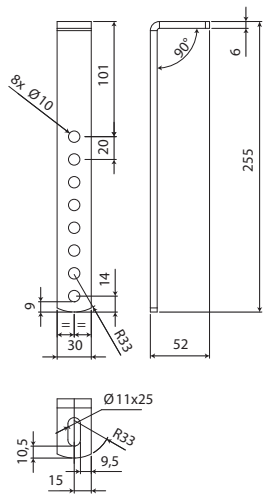
Support acier peint pour extincteur 6 kg, Ø 160 mm.
Painted steel support for 6 kg extinguisher, Ø 160.

Référence *Reference*	Kg	Ø
3950600SE	1,4	160

Supports de coffres / *Toolboxes supports*

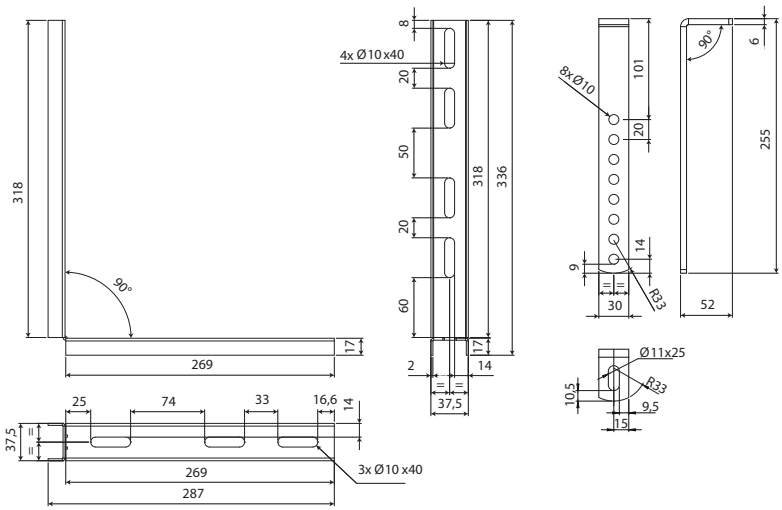
Kit support seul pour coffres à outils polypropylène.
Support set fot polypropylene toolbox.

Référence *Reference*	Pour *For*
3950629SU	3950628SF 3950629SF
3950634SU	3950634SF 3950635SF 3950636SF



Kit support seul acier zingué pour coffres WELVET, JUST, SLIDEN.
Zinc plated steel support set for box WELVET, JUST, SLIDEN.

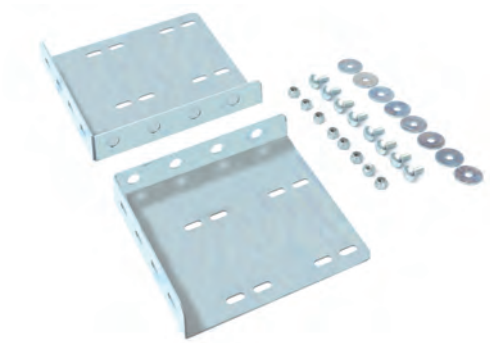
Référence *Reference*	Kg	Pour *For*
3950680SU	1,70	3950628SF 3950680SF 3950629SF 3950681SF 3950634SF 3950682SF 3950638SF 3950683SF 3950635SF 3950684SF 3950636SF 3950593 3950639SF 3950594

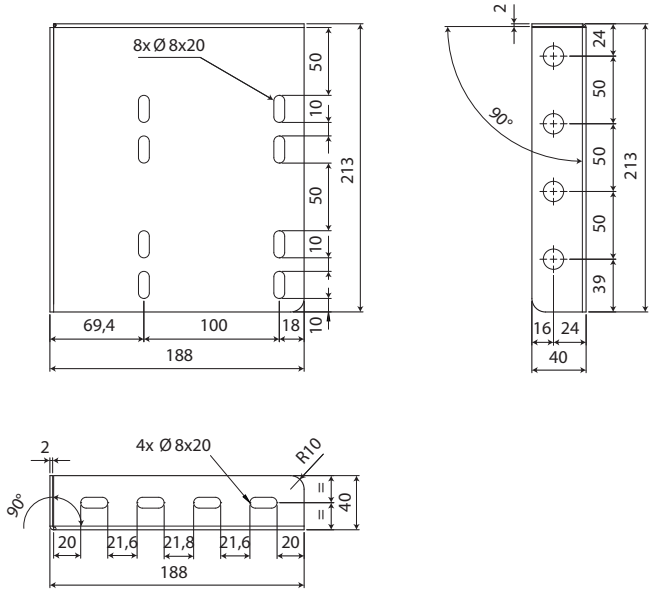


Kit support renforcé seul acier zingué pour coffres à outils polypropylène JUST.
Zinc plated steel support set for polypropylene toolbox JUST.

Référence *Reference*	Kg	Pour *For*
3950682SU	2,15	3950682SF 3950683SF 3950684SF

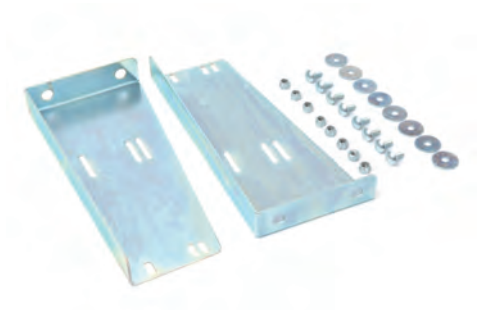
Supports de coffres / *Toolboxes supports*

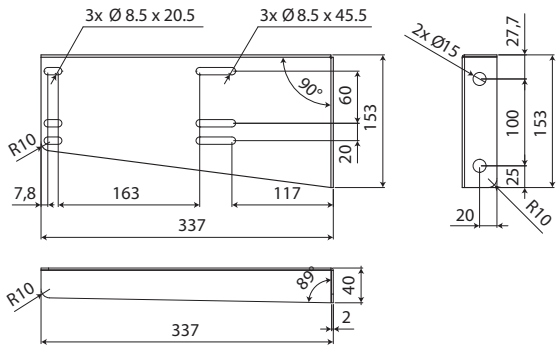




Kit supports mixtes, acier zingué pour coffres à outils JUST.
Mixed supports kit, zinc plated steel for toolboxes JUST.

Référence *Reference*	Kg	Pour *For*
3950683SU	2,00	3950680SF 3950681SF 3950683SF

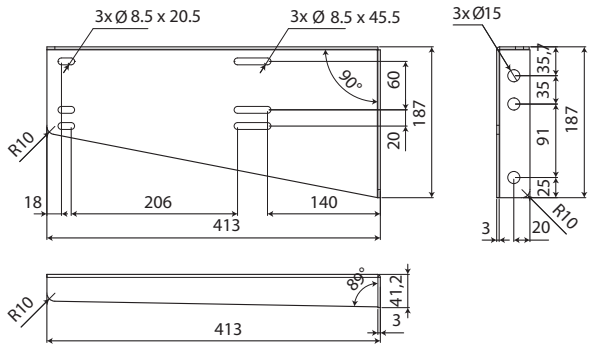




Kit de supports horizontaux acier zingué pour coffres JUST et WELVET.
Zinc plated steel horizontal supports kit for JUST and WELVET.

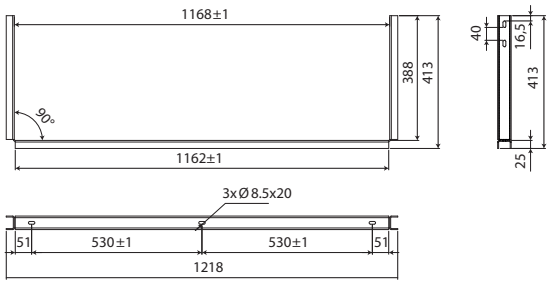
Référence *Reference*	Kg	Pour *For*
3950681SH	2,35	3950628SF 3950629SF 3950680SF 3950681SF 3950683SF

Supports de coffres / *Toolboxes supports*



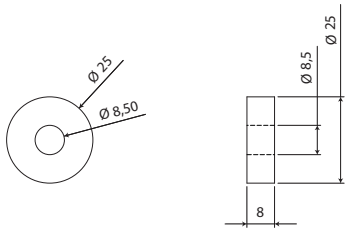
Kit de supports horizontaux acier zingué pour coffres JUST et WELVET.
Zinc plated steel horizontal supports kit for box JUST and WELVET.

Référence *Reference*	Kg	Pour *For*
3950682SH	4,00	3950634SF 3950635SF 3950636SF 3950638SF 3950639SF 3950682SF 3950684SF



Support en «U», acier peint en noire, charge maxi 150 kg.
«U» support, black paint steel, max load 150 kg.

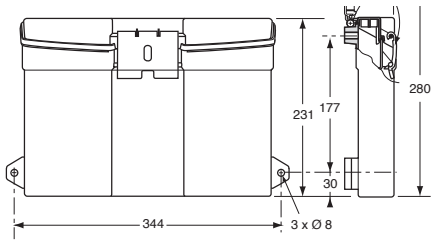
Référence *Reference*	Kg	Pour *For*
3950639SU	3,90	3950639SF



Kit rondelles entretoises acier zingué pour coffres 3950638SF.
Washers steel galvanized for tool boxes 3950638SF.

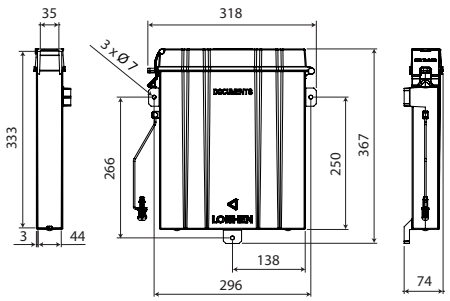
Référence *Reference*	Kg	Pour *For*
3950638EN	0,20	3950638SF

Porte-documents, réservoirs et fixations / *Documents-box, tank and support*



Porte-documents rectangulaire en composite gris.
Grey composite rectangular document-box.

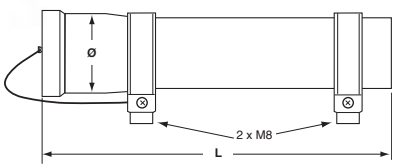
Référence *Reference*	Kg	Sur stock *On stock*
3805130	0,55	x



RIGHT

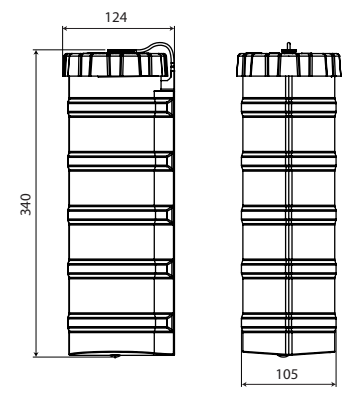
Porte documents plastique noir.
Document-box in black plastic.

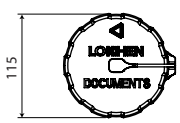
Référence *Reference*	Kg	Sur stock *On stock*
3805700	0,65	x



Porte-documents étanche en plastique gris.
Waterproof document-box in grey plastic.

Référence *Reference*	Kg	Ø	Longueur *Length*	Sur stock *On stock*
3805132	0,683	110	330	x
3805133	0,386	75	330	x



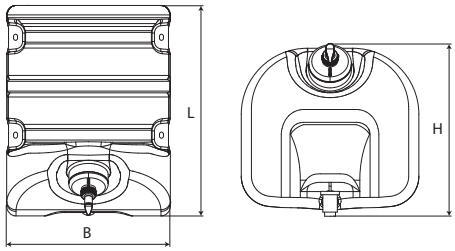


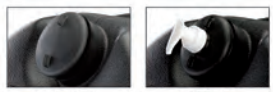
ROLL

Porte documents plastique noir.
Document-box in black plastic.

Référence *Reference*	Kg	Sur stock *On stock*
3805710	0,36	x

Porte-documents, réservoirs et fixations / *Documents-box, tank and support*

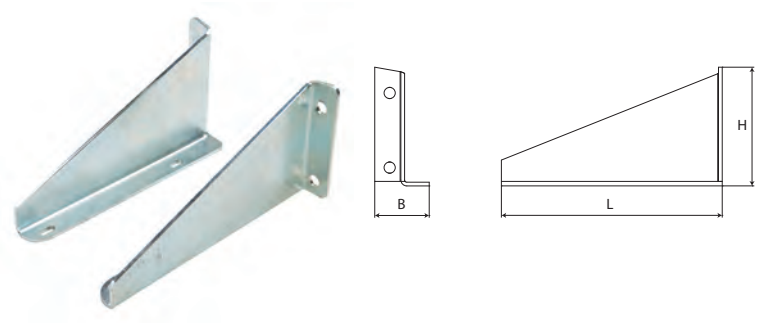




SQUARE

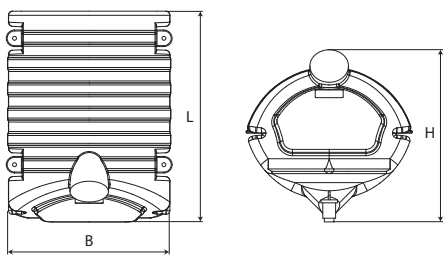
Réservoir à eau plastique noir 30L.
Water tank black plastic 30L.

Référence *Reference*	Kg	B (mm)	L (mm)	H (mm)	Sur stock *On stock*
3952000	2,10	343	421	333	-
3952001	2,15	343	421	333	x



Kit supports pour réservoir à eau Square 30L.
Supports kit for Square water tank 30L.

Référence *Reference*	Kg	B (mm)	L (mm)	H (mm)	Sur stock *On stock*
3952020	3,25	70	298	160	x

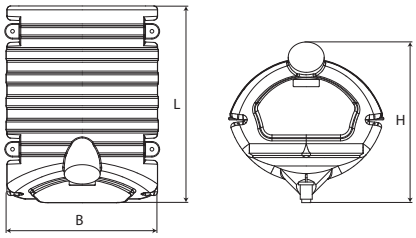


GALLERY

Réservoir à eau plastique blanc 30L.
Water tank white plastic 30L.

Référence *Reference*	Kg	B (mm)	L (mm)	H (mm)	Sur stock *On stock*
3952010	2,1	350	455	360	-
3952011	2,15	350	455	360	-

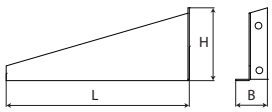
Porte-documents, réservoirs et fixations / *Documents-box, tank and support*



GALLERY

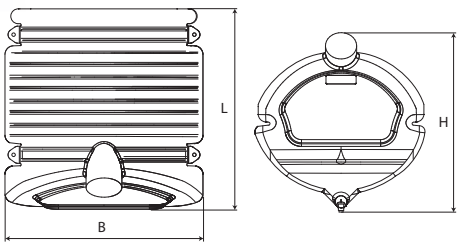
Réservoir à eau plastique noir 30L.
Water tank black plastic 30L.

Référence *Reference*	Kg	B (mm)	L (mm)	H (mm)	Sur stock *On stock*
3952012	2,10	350	455	360	-
3952013	2,15	350	455	360	x



Kit supports pour réservoir à eau Gallery 30L.
Supports kit for Gallery water tank 30L.

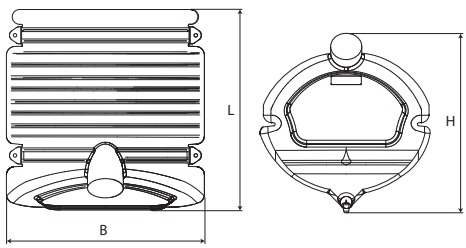
Référence *Reference*	Kg	B (mm)	L (mm)	H (mm)	Sur stock *On stock*
3952022	2,5	71	410	163	x



GALLERY

Réservoir à eau plastique blanc 50L.
Water tank white plastic 50L.

Référence *Reference*	Kg	B (mm)	L (mm)	H (mm)	Sur stock *On stock*
3952014	3,6	453	458	470	-
3952015	3,65	453	458	470	-

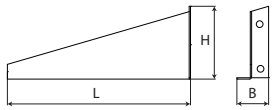


GALLERY

Réservoir à eau plastique noir 50L.
Water tank black plastic 50L.

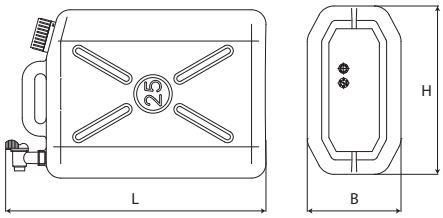
Référence *Reference*	Kg	B (mm)	L (mm)	H (mm)	Sur stock *On stock*
3952016	3,60	453	458	470	-
3952017	3,65	453	458	470	x

Porte-documents, réservoirs et fixations / *Documents-box, tank and support*



Kit supports pour réservoir à eau Gallery 50L.
Supports kit for Gallery water tank 50L.

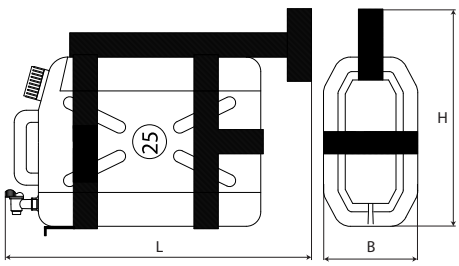
Référence *Reference*	Kg	B (mm)	L (mm)	H (mm)	Sur stock *On stock*
3952023	3,40	71	410	163	x



START

Réservoir à eau plastique blanc 25L.
Water tank white plastic 25L.

Référence *Reference*	Kg	B (mm)	L (mm)	H (mm)	Sur stock *On stock*
3952030	1,25	195	541	350	-
3952031	1,25	195	541	350	-



START

Réservoir à eau start plastique blanc 25L avec support.
Water tank white plastic 25L with supports.

Référence *Reference*	Kg	B (mm)	L (mm)	H (mm)	Sur stock *On stock*
3952032	6,05	200	634	450	-
3952033	6,05	200	634	450	x

Nous avons arrangé la présentation de notre gamme d'ailes PARLOK en un tableau de correspondance, PNEUMATIQUE / AILE, où le critère d'entrée est la taille du pneumatique, suivie de la référence PARLOK pour l'Aile la mieux adaptée au règlement Européen 109/2011/EU.
Nous vous prions de noter que les impératifs d'espace ou les standards des constructeurs peuvent nécessiter l'emploi d'ailes légèrement plus étroites ou plus larges que le type suggéré sur le tableau.
Nous espérons que ce le tableau de correspondance vous rendra plus aisé le choix de vos ailes PARLOK afin d'offrir a vos clients la meilleure solution.

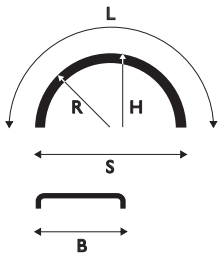
We have coordinated our range of PARLOK mudguards to a conversion list, TYRE / MUDGUARD, where the entry key is the tyre dimension, followed by the PARLOK-code number for the most suitable mudguard to european regulation 109/2011/ EEC.
Please note that space requirements or manufacturer's standards may necessitate the use of a slightly smaller or larger mudguard than the one suggested by us.
We hope that this conversion list will make it easier for you and many other users of PARLOK mudguards to choose the correct mudguard for a specific type of tyre.

Dimensions des pneus / *Tyre Size*				White Line		Flat Top		Supra Spray Suppression	
Taille des pneus	Largeur	Ecart du centre de la jante	Max Ø	Jumelé	Simple	Jumelé	Simple	Jumelé	Simple
Tyre Size	*Width*	*Dual spacing*	*Max Ø*	*Twin*	*Single*	*Twin*	*Single*	*Twin*	*Single*
8.25 R 15	237	267	830	5123175		5023950		5165520	
10.00 R 15	283	308	942	5122170				5165920	
7.00 R 16	204	230	795	5125000		5023950	5026560	5165019	
7.50 R 16	216	240	814	5124170		5023950		5165020	
8.25 R 16	237	264	874	5123175		5024188		5165520	
9.00 R 16	253	274	927	5123175		5024188		5165520	
255/100 R 16	262	282	936	5123175		5024188		5165520	
305/95 R 16	300	335	1010	5120165				5166520	
325/85 R 16	341		980		5124018				5164026
8.25 R 17	237		900	5123175		5024188		5165520	
205/75 R 17,5	214	250	765	5124160		5023950	5026560	5165019	
215/75 R 17,5	222	260	779	5124160		5023950	5026560	5165019	
225/75 R 17,5	237	266	797	5123171		5024188		5165519	
235/75 R 17,5	245	282	811	5123171		5024188		5165519	
245/75 R 17,5	260	290	827	5123171		5024188		5165519	
225/70 R 17,5	235	263	773	5124170		5023950	5026560	5165019	
245/70 R 17,5	260	290	803	5123171		5024188		5165519	
265/70 R 17,5	275	298	831	5122170				5165920	
205/65 R 17,5	214	234	721	5125000		5025137	5026560	5165019	
355/45 R 17,5	368		777		5124018				5164026
8 R 17,5	214	234	794	5125000		5023950	5026560	5165019	
8.5 R 17,5	221	236	813	5124160		5023950		5165019	
9 R 17,5	237	260	831	5124160		5023950		5165019	
9.5 R 17,5	247	272	854	5123175		5024188		5165520	
10 R 17,5	262	282	870	5122170		5024188		5165920	
11 R 17,5	287	318	914	5120940				5166320	
245/70 R 19,5	260	288	853	5123171		5024188		5165519	
265/70 R 19,5	275	309	881	5122170				5165920	
285/70 R 19,5	297	332	911	5120940				5166320	
305/70 R 19,5	320	354	941	5110185	5124018			5166822	5164026
315/70 R 19,5	328	362	937	5110185	5124018			5166822	5164026
245/65 R 19,5	248	280	814	5123175				5165520	
385/65 R 19,5	405		1020		5124018				5164026
445/65 R 19,5	477		1097		5124214				5165025

Dimensions des pneus / *Tyre Size*				White Line		Flat Top		Supra Spray Suppression	
Taille des pneus	Largeur	Ecart du centre de la jante	Max Ø	Jumelé	Simple	Jumelé	Simple	Jumelé	Simple
Tyre Size	*Width*	*Dual spacing*	*Max Ø*	*Twin*	*Single*	*Twin*	*Single*	*Twin*	*Single*
255/60 R 19,5	260	290	813	5122157				5165918	
425/55 R 19,5	442		981		5124818				5164821
385/55 R 19,5	400		936		5124018				5164026
265/55 R 19,5	265	295	799	5120953				5166319	
435/50 R 19,5	460		949		5124818				5164821
445/45 R 19,5	458		910		5124818				5164821
7 R 19,5	191	209	809	5125000		5023950		5165019	
8 R 19,5	214	229	867	5124170		5023950		5165020	
9 R 19,5	237	260	906	5124870		5024188		5165021	
9.5 R 19,5	247	274	926	5123175		5024188		5165520	
10 R 19,5	262	292	949	5121180		5024188		5166022	
11 R 19,5	287	317	984	5120940				5166320	
12 R 19,5	309	341	1023	5120185	5124018			5166520	5164026
15 R 19,5	399		998		5124018				5164026
16.5 R 19,5	438		1063		5126190				5164323
18 R 19,5	471		1100		5124214				5165025
19.5 R 19,5	495		1134		5124214				5165025
6.50 R 20	186	216	871	5124870		5023950		5165021	
7.00 R 20	204	222	904	5124870		5024188		5165021	
7.50 R 20	216	243	941	5124818		5024188		5164821	
8.25 R 20	237	273	976	5121180		5024188		5166022	
9.00 R 20	266	296	1033	5121050				5166123	
10.00 R 20	283	319	1068	5121050	5126503			5166123	5164023
11.00 R 20	295	339	1099	5120190	5126503			5166523	5164023
12.00 R 20	319	358	1140	5110300	5126190			5166724	5164323
13.00 R 20	346		1196		5125020				5164524
14.00 R 20	377		1260						
385/90 R 20	398		1270						
225/90 R 20	240	276	926	5123175				5165520	
365/85 R 20	382		1152		5126503				5164023
395/85 R 20	405		1206		5125020				5164524
12/80 R 20	314	349	1023	5110190	5126503			5166823	5164023
13/80 R 20	336		1064		5126503				5164023
14/80 R 20	361		1107		5126503				5164023
14.75/80 R 20	381		1142		5126190				5164323
15.5/80 R 20	396		1177		5126190				5164323
335/80 R 20	350		1066		5126503				5164023
365/80 R 20	382		1116		5126190				5164323
475/80 R 20	498		1298		5124214				5165025
475/60 R 20	475		1078		5124214				5165025
12/80 R 22,5	320	344	1064	5110190	5126503			5166823	5164023
385/95 R 22,5	398		1270		5125022				5164524
375/90 R 22,5	387		1276		5125022				5164524
275/80 R 22,5	290	324	1030	5120190	5126503			5166523	5164023
295/80 R 22,5	313	348	1062	5110190	5126503			5166823	5164023
315/80 R 22,5	328	363	1096	5112190	5126503			5167223	5164023
215/75 R 22,5	211	246	894	5124870		5023950		5165021	
295/75 R 22,5	313	348	1032	5110190	5126503			5166823	5164023

Dimensions des pneus / *Tyre Size*				White Line		Flat Top		Supra Spray Suppression	
Taille des pneus	Largeur	Ecart du centre de la jante	Max Ø	Jumelé	Simple	Jumelé	Simple	Jumelé	Simple
Tyre Size	*Width*	*Dual spacing*	*Max Ø*	*Twin*	*Single*	*Twin*	*Single*	*Twin*	*Single*
315/75 R 22,5	328	360	1063	5112190	5126503			5167223	5164023
345/75 R 22,5	365		1111		5126503				5164023
350/75 R 22,5	364		1097		5126503				5164023
445/75 R 22,5	462		1266		5124214				5165025
255/70 R 22,5	268	297	944	5122170				5165920	
275/70 R 22,5	290	322	973	5120940				5166320	
295/70 R 22,5	313	330	1005	5120190	5126503			5166523	5164023
305/70 R 22,5	320	349	1018	5110190	5126503			5166823	5164023
315/70 R 22,5	328		1032	5110190	5126503			5166823	5164023
365/70 R 22,5	380		1104		5126503				5164023
385/65 R 22,5	408		1092		5126190				5164323
425/65 R 22,5	452		1146		5125020				5164524
445/65 R 22,5	477		1174		5124214				5165025
265/60 R 22,5	275	300	890	5122170				5165920	
285/60 R 22,5	299	327	928	5120940				5166320	
295/60 R 22,5	307	333	940	5120185				5166520	
305/60 R 22,5	312	348	952	5110185	5124018			5166822	5164026
315/60 R 22,5	319	360	966	5110185	5124018			5166822	5164026
385/55 R 22,5	401		1012		5124018				5164026
455/55 R 22,5	470		1092		5124818				5164821
355/50 R 22,5	375		942		5124018				5164026
445/50 R 22,5	463		1036		5124818				5164821
415/45 R 22,5	433		960		5124818				5164821
435/45 R 22,5	457		980		5124818				5164821
455/45 R 22,5	461		998		5124818				5164821
495/45 R 22,5	519		1036		5122300				5165823
445/40 R 22,5	453		936		5124818				5164821
455/40 R 22,5	453		936		5124818				5164821
8 R 22,5	214	247	947	5124818		5024188		5164821	
9 R 22,5	237	260	982	5121180				5166022	
10 R 22,5	262	286	1033	5122300				5165823	
11 R 22,5	287	318	1064	5121050	5126503			5166123	5164023
12 R 22,5	309	342	1099	5110190	5126503			5166823	5164023
13 R 22,5	328	360	1141	5112190	5126190			5167223	5164323
15 R 22,5	399		1089		5126503				5164023
16.5 R 22,5	438		1139		5125020				5164524
18 R 22,5	471		1176		5124214				5165025
9/70 R 22,5	236	257	901	5124870		5024188		5165021	
10/70 R 22,5	262	286	938	5123175		5024188		5165520	
11/70 R 22,5	279	322	973	5121180				5166022	
12/70 R 22,5	320	346	1018	5110190	5126503			5166823	5164023
13/70 R 22,5	340		1047		5026503				5064023
11.00 R 24	295	342	1199	5110300	5126190			5166724	5164323
12.00 R 24	319	350	1244	5110300	5125020			5166724	5164524
14/80 R 24,5	361		1209		5125020				5164524
295/80 R 24,5	313	345	1112	5110300	5126503			5166724	5164023
285/75 R 24,5	283		1050	5120190				5166523	
305/75 R 24,5	320	350	1098	5110190	5126503			5166823	5164023
315/75 R 24,5	328	360	1112	5112190	5126503			5167223	51 64023

Ailes et quarts d'ailes / *Mudguards and quarters mudguard*



WHITE LINE V

Aile Parlok.
Parlok mudguard.

Référence *Reference*	Kg	B	L	R	S	H	Matière *Material*	Sur stock *On stock*
5124018	2,60	405	1800	580	1160	580	PE-HD	X
5126503	2,40	405	1900	635	1270	595	PE-HD	X
5126507	2,50	405	2050	635	1270	665	PE-HD	X
5126504	2,00	415	1420	420	840	460	PE-HD	X
5126190	2,50	430	1900	650	1300	580	PE-HD	X
5126217	2,50	430	2175	650	1300	720	PE-HD	X
5125130	1,90	450	1300	420	840	410	PE-HD	X
5125140	2,10	450	1400	420	840	450	PE-HD	X
5125190	2,80	450	1900	650	1300	580	PE-HD	X
5125210	3,10	450	2100	650	1300	680	PE-HD	X
5125000	2,40	455	1600	480	960	525	PE-HD	X
5125020	3,30	455	2090	685	1350	655	PE-HD	X
5125022	3,50	455	2290	685	1370	755	PE-HD	-
5124818	2,80	480	1800	580	1160	580	PE-HD	X
5124160	2,50	500	1600	500	1000	500	PE-HD	X
5124214	3,20	500	2140	685	1370	670	PE-HD	X
5124870	2,60	500	1700	550	1100	530	PE-HD	X
5124871	2,80	500	1900	550	1100	630	PE-HD	X
5123171	3,20	550	1700	500	1000	550	PE-HD	X
5123175	3,10	550	1700	550	1100	530	PE-HD	X
5123190	3,50	550	1900	550	1100	630	PE-HD	X
5122300	3,70	580	1930	640	1270	610	PE-HD	X
5122157	3,20	595	1570	500	1000	500	PE-HD	-
5122170	3,50	595	1700	550	1100	530	PE-HD	X
5121180	3,70	600	1850	580	1160	595	PE-HD	X
5121050	3,70	610	1930	640	1280	610	PE-HD	X
5120940	3,50	630	1650	580	1150	495	PE-HD	X
5120941	3,80	630	1850	580	1160	495	PE-HD	X
5120165	3,60	650	1650	580	1150	495	PE-HD	-
5120185	3,90	650	1800	580	1160	580	PE-HD	X
5120190	4,00	650	1900	630	1260	590	PE-HD	X
5120217	4,70	650	2175	630	1260	730	PE-HD	X
5110300	5,00	670	2090	670	1340	660	PE-HD	X
5110303	5,20	670	2175	670	1340	715	PE-HD	X
5110165	4,00	680	1650	580	1150	495	PE-HD	X
5110185	4,30	680	1800	580	1160	580	PE-HD	X
5110190	4,60	680	1900	630	1260	590	PE-HD	X
5110217	5,30	680	2175	630	1260	730	PE-HD	X
5112190	5,40	720	1900	630	1260	590	PE-HD	X
5112217	6,20	720	2175	630	1260	730	PE-HD	-

Ailes et quarts d'ailes / *Mudguards and quarters mudguard*

Aile Parlok.
Parlok mudguard.

Référence *Reference*	Kg	B	L	R	S	H	Matière *Material*	Sur stock *On stock*
5027130	1,10	240	1300	420	840	410	PE-HD	X

WHITE LINE V

Quart d'aile Parlok
Parlok quarter mudguards.

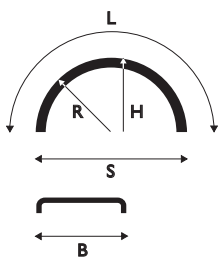
Référence *Reference*	Kg	B	L	R	S	Matière *Material*	Sur stock *On stock*
5126500	0,90	405	650	635	630	PE-HD	-
5126069	0,90	430	650	650	630	PE-HD	-
5125007	1,10	455	700	685	700	PE-HD	-
5124000	1,00	500	650	500	600	PE-HD	-
5123000	1,20	550	650	550	610	PE-HD	-
5121171	1,30	600	650	580	610	PE-HD	-
5120071	1,50	650	650	630	630	PE-HD	-
5110269	1,70	670	700	670	630	PE-HD	-
5110070	1,70	680	700	630	630	PE-HD	-
5112070	2,00	720	700	630	630	PE-HD	-

Ailes 3 parties / *3 parts Mudguard*

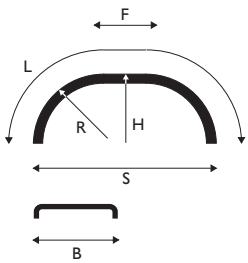
WHITE LINE V

Aile Parlok 3 pièces. Livré par set de 2 ailes, 1 droite + 1 gauche (6 pièces).
Parlok 3 pieces mudguard, delivered in set of 2 mudguard, 1 right + 1 left (6 pieces).

Référence *Reference*	Kg	B	L	R	S	Matière *Material*	Sur stock *On stock*
5126530	15,00	430	1900	650	1300	PE-HD	-
5124830	7,00	480	1800	580	1160	PE-HD	-
5120095	7,00	650	1900	630	1260	PE-HD	-
5110325	15,00	670	2090	670	1340	PE-HD	-
5110225	13,00	680	1900	630	1260	PE-HD	-



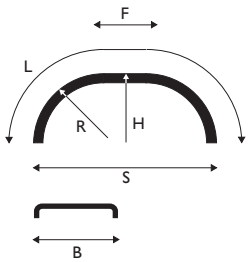
Ailes essieu directeur / *Steering axle mudguards*



WHITE LINE F 150

Aile Parlok pour essieux directeurs.
Parlok Steering Axle Mudguard.

Référence *Reference*	Kg	B	L	R	S	H	F	Matière *Material*	Sur stock *On stock*
5121543	2,80	430	2050	650	1450	580	150	PE-HD	-
5121548	3,90	480	1950	580	1310	580	150	PE-HD	-
5121555	3,90	550	1850	550	1250	530	150	PE-HD	-
5121567	5,50	670	2300	670	1490	670	150	PE-HD	-



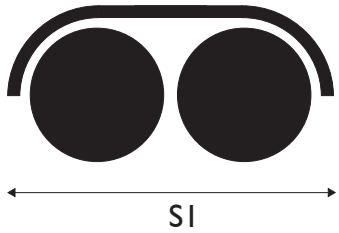
WHITE LINE F 400

Aile Parlok pour essieux directeurs.
Parlok Steering Axle Mudguard.

Référence *Reference*	Kg	B	L	R	S	H	F	Matière *Material*	Sur stock *On stock*
5300443	4,00	430	2560	650	1700	705	400	PE-HD	-
5300448	4,00	480	2340	580	1570	630	400	PE-HD	-
5300468	6,20	680	2500	630	1660	690	400	PE-HD	-

Ailes tandem et tridem / *Tandem and tridem mudguards*

A

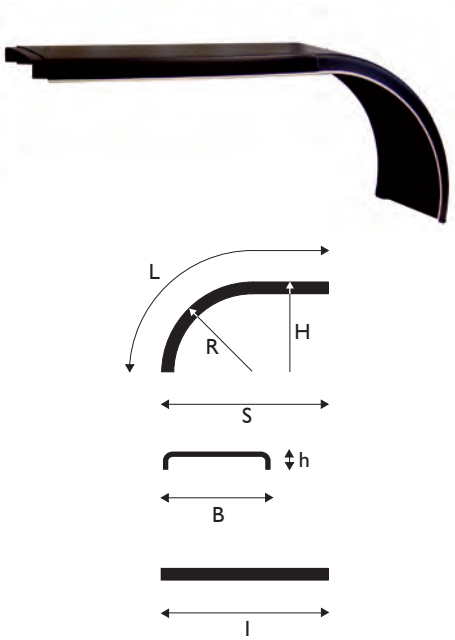


B

C

Type *Type*	Pour assemblage *For assembly*	Quantité *Quantity*	Référence *Reference*	Sl min	Sl max	S2 max
430	A	1	5304417			
	B	2	5304417	2450	3360	
		1	5038665			
	C	2	5304417			4300
		1	5304411			
		2	5038665			
650	A	1	5306617			
	B	2	5306617	2450	3360	
		1	5038666			
	C	2	5306617			4200
		1	5306611			
		2	5038666			

Ailes tandem et tridem / *Tandem and tridem mudguards*



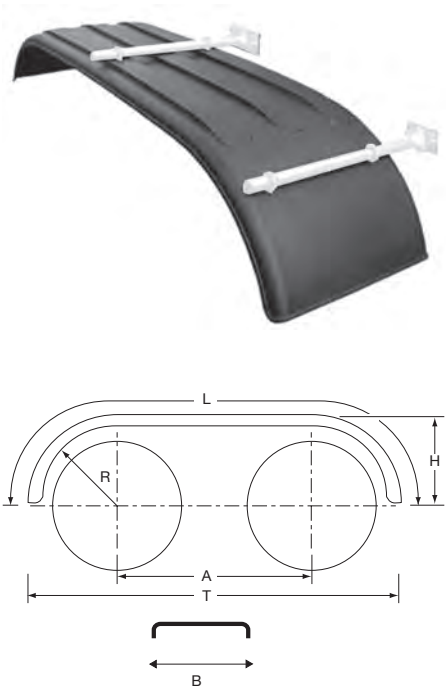
TANDEM WHITE LINE V

Aile Parlok.
Parlock Mudguards.

Référence *Reference*	Kg	B	L	R	S	H	h	I	Type *Type*	Matière *Material*	Sur stock *On stock*
5304411	1,70	430					70	1000	430	PE-HD	-
5304417	3,40	430	2120	650	1700	705	70		430	PE-HD	-
5306611	2,30	650					70	1000	650	PE-HD	-
5306617	5,00	650	2120	650	1700	705	70		650	PE-HD	-

Visserie M6 pour aile Parlok White Line Tandem.
M6 screws, nuts and washers for white Line Tandem Mudgards.

Référence *Reference*	Kg	Type Type	Sur stock *On stock*
5038665	0,10	430	-
5038666	0,10	650	X



Ailes tandem seule polyéthylène noir.
Black tandem polyethylene mudguards alone.

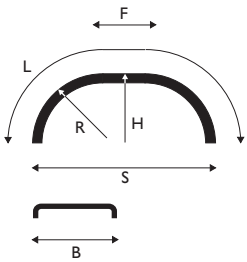
Référence *Reference*	Kg	B	L	R	H	A	Travée (T) *Span (T)*	Pneumatique *Tyre Sizes*	Sur stock *On stock*
3950385	10,37	670	3385	635	620	1400	2760	11.00R20 E20 12/80R22.5 12.00R22.5 13R22.5 315/80R22.5 11.00R20 E20 12/80R22.5 12.00R22.5 13R22.5 315/80R22.5	X

Ailes méplatées / *Flat top mudguards*

FLAT TOP

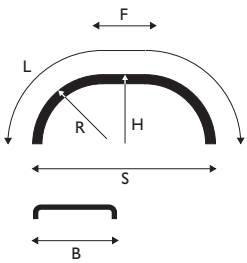
Aile Parlok méplatée.
Parlok Mudguards.

Référence *Reference*	Kg	B	L	R	S	H	F	Matière *Material*	Sur stock *On stock*
5026560	1,70	260	1570	410	900	480	500	PE-HD	X
5026565	1,60	260	1300	360	840	440	400	PE-HD	X
5025135	3,00	450	1300	360	840	440	400	PE-HD	X
5025137	3,00	450	1570	410	900	480	440	PE-HD	X
5023950	3,40	510	1770	450	1050	560	550	PE-HD	X
5024188	5,00	550	1180	510	1150	570	650	PE-HD	X

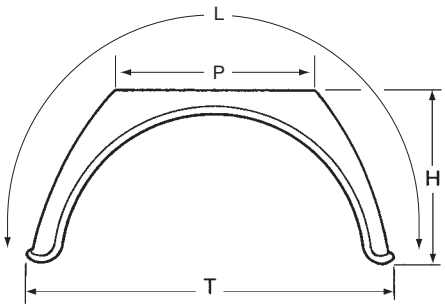


Aile méplatée.
Flat top mudguard.

Référence *Reference*	Kg	B	L	R	S	H	F	Matière *Material*	Sur stock *On stock*
3950443	6,56	620	2085	625	1250	625	700	PE-MD	X
3950446	7,40	670	2345	680	1360	720	750	PE-MD	X



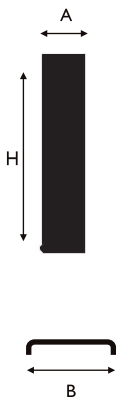
Ailes méplatées / *Flat top mudguards*



Aile plastique noire avec méplat et bord plastique blanc.
Black plastics mudguards and white plastic edge.

Référence *Reference*	Kg	B	L	H	P	Travée (T) *Span (T)*	Pneumatique *Tyre Sizes*	Sur stock *On stock*
3950426E	1,71	260	1450	450	400	880	185-215/70R15 225/75R15 185-215/75R14 185-225/75R16 185-235R14 195-225R15 195-215R16 7.00R15 50R14 195-14	X
3950427E	2,67	450	1480	460	400	920	185-205/70R15 185-205/75R14 185-195/75R16 185-205R14 185-195R15	X

Ailerons / *Spats*

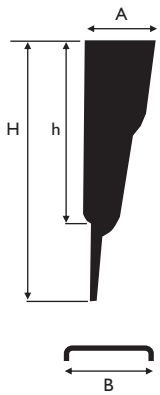


WHITE LINE

Aileron Parlok.
Parlok Spat.

Référence *Reference*	Kg	B	H	A	Matière *Material*	Sur stock *On stock*
5302504	0,50	250	400	70	PE-HD	-
5304604	0,70	460	400	70	PE-HD	-
5304606	1,10	460	600	70	PE-HD	X
5306006	1,30	600	600	70	PE-HD	-
5306506	1,40	650	600	70	PE-HD	-

Ailerons / *Spats*



WHITE LINE

Aileron Parlok pour véhicules inférieurs à 7,5 tonnes.
Parlok spat mudguards for vehicles under 7,5 tonnes.

Référence *Reference*	Kg	B	H	h	A	Matière *Material*	Sur stock *On stock*
5026390	0,80	250	630		100	PE-HD	X
5026395	0,60	250		400	100	PE-HD	X
5026370	1,60	460	630		100	PE-HD	X
5026375	0,80	460		400	100	PE-HD	X

A460 SPAT

Aileron Parlok.
Parlok Spat.

Référence *Reference*	Kg	B	H	A	C	Matière *Material*	Sur stock *On stock*
5026230	0,70	460	320	100	230	PE-HD	X
5026270	1,60	460	700	100	250	PE-HD	X

Ailerons / *Spats*

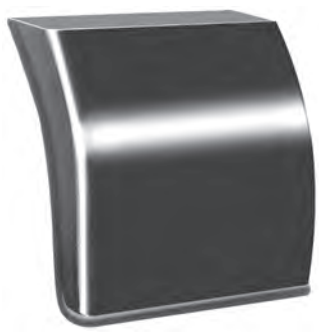
A460 SPAT

Aileron Parlok.
Parlok Spat.

Référence *Reference*	Kg	B	H	A	C	Matière *Material*	Sur stock *On stock*
5010266	2,30	660	660	75	290	PE-HD	X

Support pour aileron Parlok A.
Support for Parlok A mudguard.

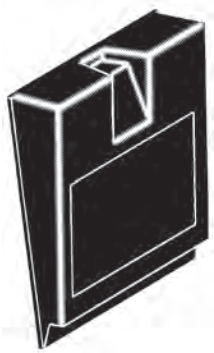
Référence *Reference*	Kg	Type *Type*	Sur stock *On stock*
5039114	0,40	660	-
5039115	0,40	460	-



Ailerons polyéthylène moyenne densité, couleur noire.
Polyethylene spats medium density, black color.

Référence *Reference*	Kg	Largeur intérieure (I) *Internal width (I)*	Largeur extérieure (E) *External width (E)*	Hauteur *Height*	Sur stock *On stock*
3950388	1,10	265	280	380	X
3950389	1,35	425	440	420	X
3950390	1,90	445	460	600	X
3950391	1,70	525	540	500	X
3950392	2,10	610	625	500	X
3950393	1,75	645	660	600	X

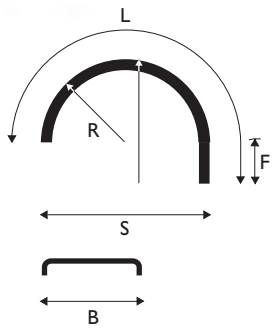
Ailerons / *Spats*



Ailerons polyéthylène moyenne densité, couleur noire.
Polyethylene spats medium density, black color.

Référence *Reference*	Kg	Largeur intérieure (I) *Internal width (I)*	Largeur extérieure (E) *External width (E)*	Hauteur *Height*	Sur stock *On stock*
3950450	1,12	440	450	410	X
3950452	2,25	640	650	600	X

Ailes et quarts d'ailes anti-projections/*Spray suppression mudguards and quarters mudguard*

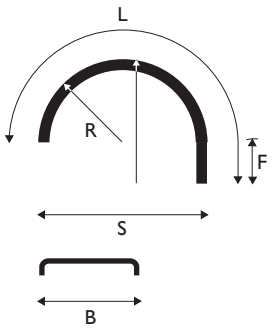


SUPRA WHITE LINE V

Aile Parlok avec système anti-projections intégré, (e1*109/2011*109/2011*0018*00).
*Parlock integrated spray suppression system, (e1*109/2011*109/2011*0018*00).*

Référence *Reference*	Kg	B	L	R	S	H	F	Matière *Material*	Sur stock *On stock*
5164023	3,90	405	2300	635	1260	1040	400	PE-HD	X
5164024	4,10	405	2450	635	1270	1070	400	PE-HD	X
5164026	3,90	405	2100	580	1160	890	300	PE-HD	X
5164323	4,10	430	2300	650	1290	1050	400	PE-HD	X
5164325	4,40	430	2575	650	1300	1120	400	PE-HD	-
5164523	4,60	455	2390	685	1370	955	400	PE-HD	X
5164524	4,90	455	2490	685	1370	1055	400	PE-HD	-
5164821	4,90	480	2100	580	1160	890	300	PE-HD	X
5165019	4,20	500	1900	500	1000	800	300	PE-HD	X
5165020	4,40	500	2000	500	1000	800	300	PE-HD	X
5165025	4,90	500	2540	685	1370	1085	400	PE-HD	-
5165518	4,80	550	1800	500	1000	800	300	PE-HD	X
5165519	5,10	550	2000	500	1000	800	300	PE-HD	X
5165520	5,10	550	2000	550	1100	850	300	PE-HD	X
5165823	5,40	580	2330	640	1270	1040	400	PE-HD	-
5165918	4,80	595	1870	500	1000	800	300	PE-HD	-
5165920	5,50	595	2000	550	1100	850	300	PE-HD	X
5166319	5,40	630	1930	530	1060	815	300	PE-HD	-
5166320	5,60	630	2050	580	1160	980	400	PE-HD	X
5166520	5,70	650	2050	580	1160	930	400	PE-HD	X
5166523	6,20	650	2300	630	1260	1030	400	PE-HD	X
5166724	7,30	670	2490	670	1340	1070	400	PE-HD	X
5166822	6,40	680	2050	580	1160	980	400	PE-HD	X
5166823	7,00	680	2300	630	1260	1030	400	PE-HD	X
5166824	7,30	680	2425	630	1260	1030	300	PE-HD	X
5167223	7,40	720	2300	630	1260	1030	400	PE-HD	X
5167225	8,20	720	2575	630	1260	1130	400	PE-HD	-

Ailes et quarts d'ailes anti-projections/*Spray suppression mudguards and quarters mudguard*

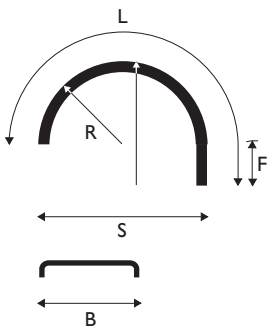


SUPRA WHITE LINE V

Quart d'aile Parlok (e1*109/2011*109/2011*0018*00).
*Parlok Quarter (e1*109/2011*109/2011*0018*00).*

Référence *Reference*	Kg	B	L	R	S	F	Matière *Material*	Sur stock *On stock*
5166481	2,40	405	1050	635	630	400	PE-HD	-
5165009	2,50	500	950	500	600	300	PE-HD	-
5165509	2,50	550	950	550	610	300	PE-HD	-
5165910	2,70	600	950	580	610	300	PE-HD	-
5166521	5,00	650	1050	630	630	400	PE-HD	-
5166711	3,50	670	1100	630	630	400	PE-HD	-
5166811	3,50	680	1100	630	630	400	PE-HD	-
5167211	5,50	720	1100	630	630	400	PE-HD	-

Ailes 3 parties SUPRA / *SUPRA 3 parts mudguards*



WHITE LINE V

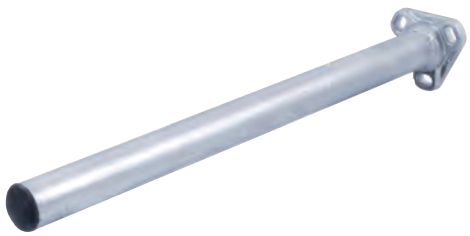
Aile Parlok 3 pièces (e1*109/2011*109/2011*0018*00).
*Parlok 3 pieces SUPRA mudguard (e1*109/2011*109/2011*0018*00).*

Référence *Reference*	Kg	B	L	R	S	H	F	Matière *Material*	Sur stock *On stock*
5166530	9,00	430	2200	650	1300	950	300	PE-HD	-
5164830	9,00	480	2100	580	1160	890	300	PE-HD	-
5160095	12,00	650	2200	630	1260	930	300	PE-HD	-
5160325	14,00	670	2390	670	1340	970	300	PE-HD	-
5160225	15,00	680	2200	630	1260	930	300	PE-HD	-

Tubes supports d'ailes / *Fixing tubes for mudguard*

Tube de fixation d'aile acier galvanisé.
Galvanized steel fixing tube for mudguard.

Référence *Reference*	Kg	Ø	Longueur *Length*	Sur stock *On stock*
3950501TG	1,95	34	750	X



Tube de fixation d'aile acier galvanisé, modèle renforcé avec platine moulée.
Galvanized steel tube for mudguard, reinforced with casting plate.

Référence *Reference*	Kg	Ø	Longueur *Length*	Sur stock *On stock*
3950660	2,15	42	550	X
3950662	2,76	42	750	X

Tube coudé de fixation d'aile, acier galvanisé, modèle renforcé avec platine moulée.
Galvanized steel bent tube for mudguard, reinforced with casting plate.

Référence *Reference*	Kg	Ø	Longueur *Length*	Sur stock *On stock*
3950665	2,90	42	800	X

Tube de fixation d'aile, acier galvanisé, modèle renforcé avec platine moulée et fixation centrale M16.
Galvanized steel tube for mudguard, reinforced with casting plate, M16 axles screws.

Référence *Reference*	Kg	Ø	Longueur *Length*	Sur stock *On stock*
3950668	2,05	42	500	X

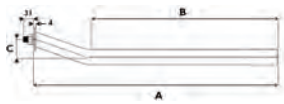
Tube coudé de fixation d'aile, acier finition peinture noire.
Black powder coated steel bent tube for mudguard.

Référence *Reference*	Kg	Ø	Longueur *Length*	Sur stock *On stock*
3950511	2,05	34	750	X

Tubes supports d'ailes / *Fixing tubes for mudguard*

Tube coudé de fixation d'aile, acier galvanisé, modèle renforcé avec platine moulée et fixation centrale M16.
Galvanized steel bent tube for mudguard, reinforced with casting plate, M16 axles screws.

Référence *Reference*	Kg	Ø	Longueur *Length*	Sur stock *On stock*
3950670	3,50	42	800	X



Support d'aile coudé Parlok, Ø 42 mm.
Parlok bracket tubes, Ø 42 mm.

Référence *Reference*	A (mm)	B (mm)	C (mm)	D (mm)	Sur stock *On stock*
5030510	540	376	100	42	-
5030550	540	376	50	42	-
5030710	700	536	100	42	-
5030750	700	536	50	42	-

Support d'aile droit Parlok, Ø 42 mm.
Parlok bracket tubes, straight.

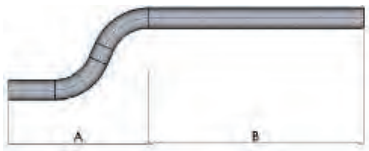
Référence *Reference*	A (mm)	D (mm)	Sur stock *On stock*
5030540	540	42	-
5030700	700	42	-

Tubes supports d'ailes / *Fixing tubes for mudguard*

TUBE PK

Tube coudé de fixation d'aile.
Tubes.

Référence *Reference*	Kg	Ø	B	A	C	Longueur *Length*	Type *Type*	Sur stock *On stock*
5039216	2,30	42	462	298	150	760	PK-760	X
5039214	2,00	42	477	228	50	705	PK-705	X



Consolle à souder pour tubes Ø 42 mm série PK.
PK Tubes Accessories, Bush weld on.

Référence *Reference*	Kg	Pour *For*	Sur stock *On stock*
5039218	0,60	5039214 5039216	X

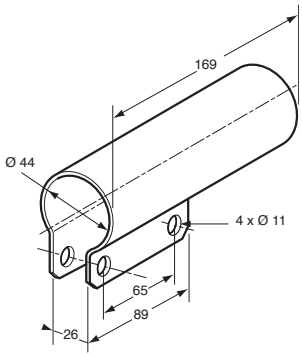
Consolle à visser pour tubes Ø 42 mm série PK.
PK Tubes Accessories, Bush bolt on.

Référence *Reference*	Kg	Pour *For*	Sur stock *On stock*
5039219	0,90	5039214 5039216	X

Bouchon plastique pour tubes Ø 42 mm série PK.
PK Tubes Accessories, Plastic end cap.

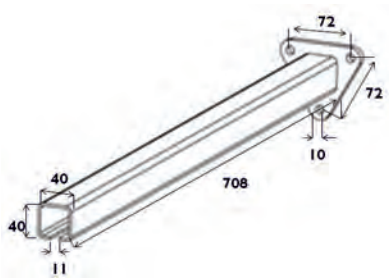
Référence *Reference*	Kg	Pour *For*	Sur stock *On stock*
5039221	0,01	5039214 5039216	X

Tubes supports d'ailes / *Fixing tubes for mudguard*



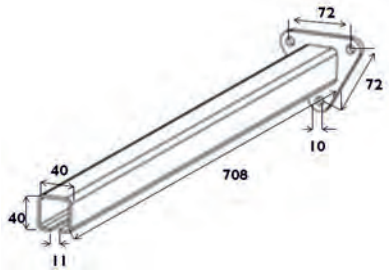
Support à souder pour tube d'aile Ø 40 à 42 mm.
Support to be weld, for mudguard tube Ø 40 to 42 mm.

Référence *Reference*	Kg	Finition *Finish*	Sur stock *On stock*
3950507	0,52	Acier brut *Raw steel*	X
3950507IN	0,52	Inox *Stainless steel*	X



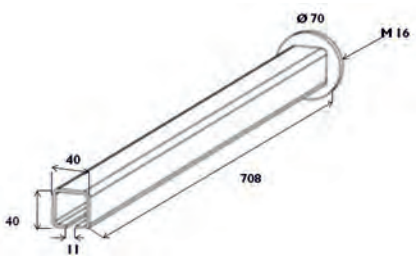
Tube de fixation d'aile Parlok, acier zingué, modèle 40 x 40 en C avec platine triangulaire.
Parlok zinc plate C-profile bracket triangular flange.

Référence *Reference*	Kg	Longueur *Length*	Sur stock *On stock*
5039101ZN	2,30	708	X



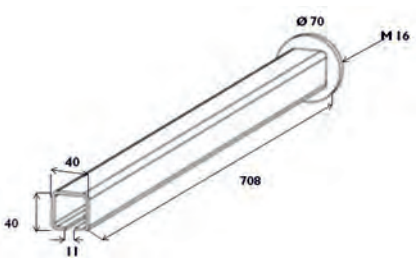
Tube de fixation d'aile Parlok, acier zingué, modèle 40 x 40 en C avec platine triangulaire. Livré avec kit de fixation d'aile.
Parlok zinc plate 40 x 40 C-profile bracket triangular flange with fixing set.

Référence *Reference*	Kg	Longueur *Length*	Sur stock *On stock*
5039111ZN	2,50	708	X



Tube de fixation d'aile Parlok, acier zingué, modèle 40 x 40 en C avec platine cylindrique, montage avec une vis M16 (non incluse).
Parlok zinc plate C-profile bracket round flange. Mounting with one M16 bolt (not included).

Référence *Reference*	Kg	Longueur *Length*	Sur stock *On stock*
5039108ZN	2,30	708	-



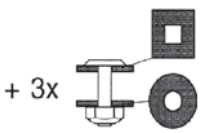
Tube de fixation d'aile Parlok, acier zingué, modèle 40 x 40 en C avec platine cylindrique, montage avec une vis M16 (non incluse). Livré avec kit de fixation d'aile.
Parlok zinc plate C-profile bracket round flange. Mounting with one M16 bolt (not included) with fixing set.

Référence *Reference*	Kg	Longueur *Length*	Sur stock *On stock*
5039118ZN	2,50	708	-

Tubes supports d'ailes / *Fixing tubes for mudguard*

Bouchon pour tube de fixation d'aile en C Parlok 40 x 40.
End cap for C-profile bracket, black HD-PE.

Référence *Reference*	Kg	Pour *For*	Matière *Material*	Sur stock *On stock*
5039107	0,02	5039101ZN 5039111ZN 5039108ZN 5039118ZN	HD-PE	X



Kit visserie pour tube de fixation d'aile en C Parlok.
Fixing set.

Référence *Reference*	Pour *For*	Sur stock *On stock*
5039112	5039101ZN 5039111ZN 5039108ZN 5039118ZN	X

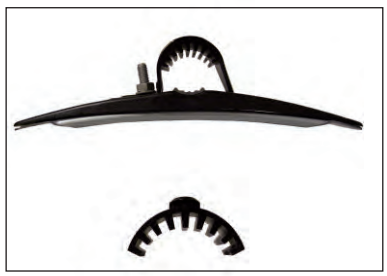
Support d'aile réglable / *Adjustable mudguard mounting*

Livré intégré aux ailes PARLOK WHITELINE et PARLOK SUPRA
Réalisé en acier zingué.
Peinture poudre noire.
Pour tubes de diamètre 42,4 et 40 et 38 et 34 mm.
Plage de réglage 90 mm.
Référence =
Référence de l'aile Parlok suivie de P ou P40 ou P38 ou P34.

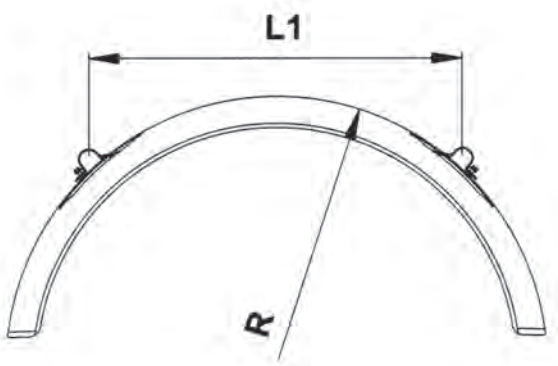
Delivery integr ated with PARLOK WHITELINE and PARLOK SUPRA mudguards.
Made of zinc coated steel plate.
Black powder painted.
Fits tubes with a diameter of 42,4 and 40 and 38 and 34 mm.
Range of adjustment 90 mm.
Order code =
Parlok mudguard code + P or P40 or P38 or P34.

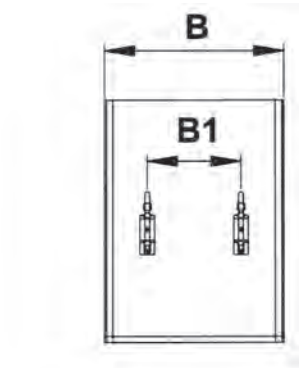
P
5039650 B

P38 / P40



P34
5039650D34

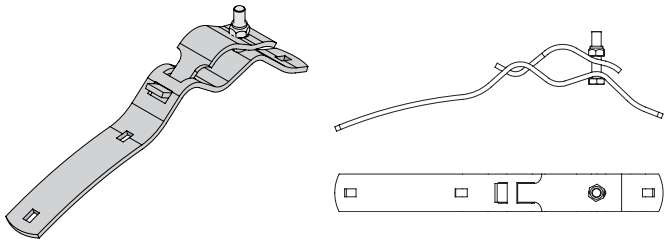




R	L1
685	1000
670	980
650	950
640	940
635	930
630	920
580	850
550	800
530	770
500	730
480	710
420	620

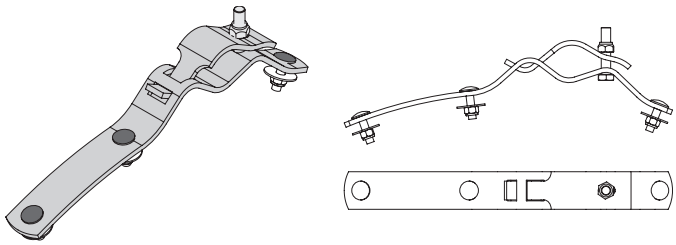
B	B1
405	150
415	150
430	150
450	225
455	225
480	225
500	225
550	225
595	335
600	335
610	335
630	335
650	350
670	350
680	350

Colliers supports d'ailes / *Fixing collar for mudguard*



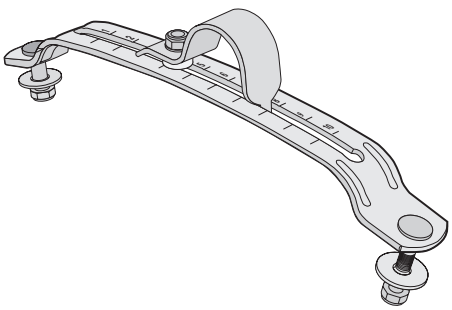
Collier support d'aile, acier zingué, pour tube Ø 38 à 43 mm, sans vis.
Zinc plated steel fixing collar for mudguard, for tube Ø 38 to 43 mm, without screw.

Référence *Reference*	Kg	Sur stock *On stock*
3950514 S	0,74	X



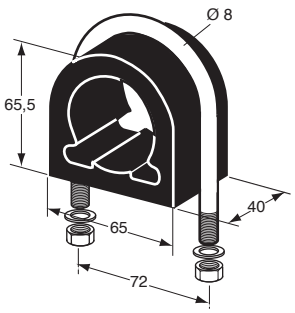
Collier support d'aile, acier zingué, pour tube Ø 38 à 43 mm, avec vis M8 x 40.
Zinc plated steel fixing collar for mudguard, for tube Ø 38 to 43 mm, with screw M8-40.

Référence *Reference*	Kg	Sur stock *On stock*
3950505 S	0,87	X



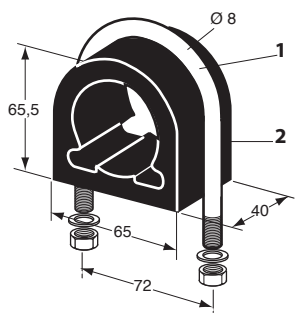
Collier support d'aile, acier zingué pour tube d'aile Ø 40 à 42,5 mm.
Zinc plated steel fixing collar for mudguard, for tube Ø 40 to 42,5 mm.

Référence *Reference*	Kg	€	Pour *For*	Sur stock *On stock*
3950508	0,57	30	Ø42 Ø42,5	X
3950512	0,542	30	Ø34	X



Collier de serrage complet pour tube Ø 40 à 42 mm.
Fixing collar for tube Ø 40 to 42 mm.

Référence *Reference*	Kg	Type *Type*	Composition *Composition*	Sur stock *On stock*
3950506	0,20	-	3950506CO x 1 3950506ET x 1	X

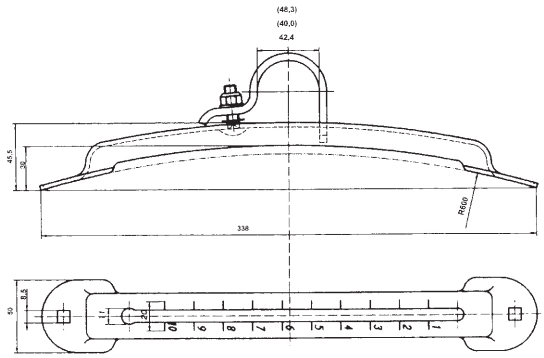


Composants pour collier de serrage 3950506.
Component for fixing collar 3950506.

Référence *Reference*	Kg	Type *Type*	Sur stock *On stock*
3950506CO	0,10	2	X
3950506ET	0,10	1	X

Colliers supports d'ailes / *Fixing collar for mudguard*

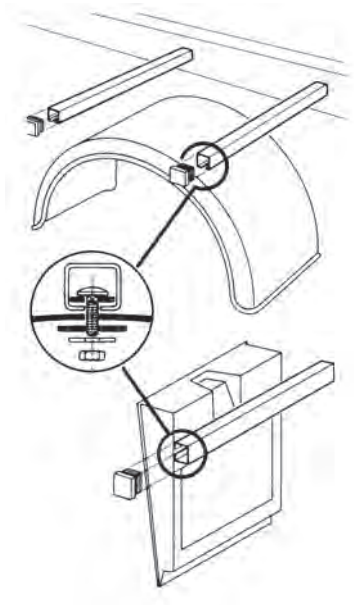
Select



COLLIER VR

Collier support d'aile réglable, plage de réglage 150 mm.
Adjustable mudguard mounting, range of adjustment 150 mm.

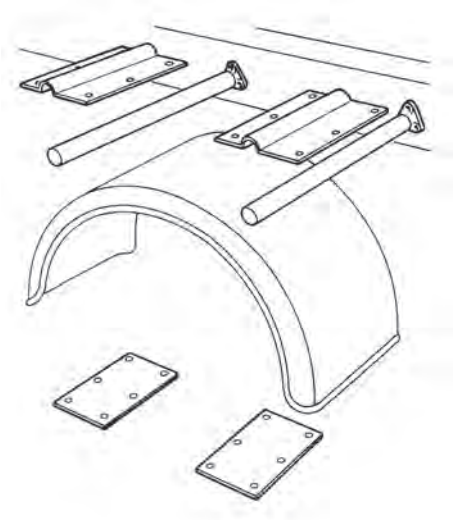
Référence *Reference*	Kg	Ø	Pour *For*	Couleur *Colour*	Type *Type*	Finition *Finish*	Sur stock *On stock*
2900000049	0,50	40	R Ø500-700		VR/40.0 Zn	Acier zingué *Zinc plated*	-
2900000050	0,50	42	R Ø500-700		VR/42.4 Zn	Acier zingué *Zinc plated*	X
2900000150	0,50	42	R Ø500-700	Black *Black*	VR/42.4 Black	Acier peint *Painted steel*	X



Kit de fixation complet pour une aile ou 2 ailerons comprenant 2 tubes carrés 40 x 40 longueur 700 mm, visserie, rondelles polyéthylène et bouchons.
Complete kit of installation for one mudguard or 2 spats comprising two 40 x 40 square tubes, length 700 mm, made of painted steel, polyethylene screws, wahers and caps.

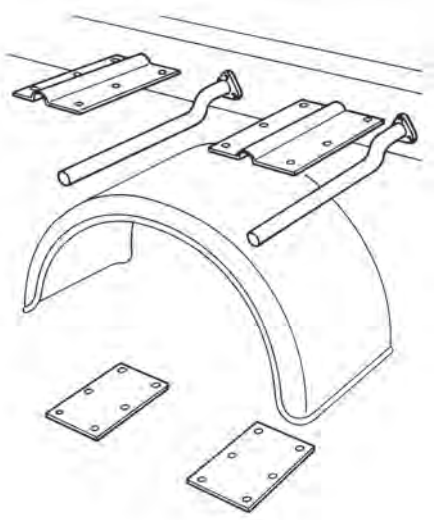
Référence *Reference*	Kg	Longueur *Length*	Finition *Finish*	Sur stock *On stock*
3950500	5,00	700	Acier peint *Painted steel*	X
3950500BR	5,00	700	Acier brut *Raw steel*	X

Colliers supports d'ailes / *Fixing collar for mudguard*



Kit de fixation d'aile comprenant 2 tubes droits, longueur 750 mm, 2 plaques et 2 contre-plaques de fixation.
Mudguard kit of installation comprising 2 straight tubes, length 750 mm, 2 fixing plates and 2 fixing backplates.

Référence *Reference*	Kg	Ø	Longueur *Length*	Sur stock *On stock*
3950501	6,50	34	750	X
3950502	7,00	42	750	X



Kit de fixation d'aile comprenant 2 tubes coudés Ø 42, longueur 800 mm, 2 plaques et 2 contre-plaques de fixation.
Mudguard kit of installation comprising 2 bent tubes, length 800 mm, 2 fixing plates and 2 fixing backplates.

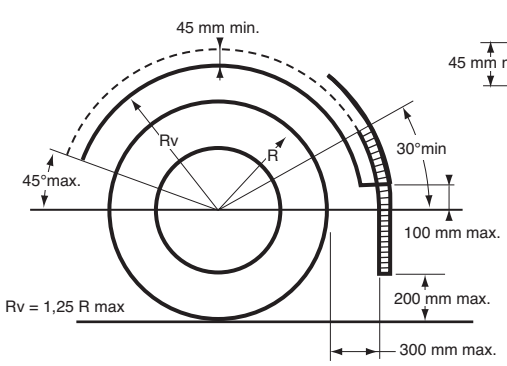
Référence *Reference*	Kg	Ø	Longueur *Length*	Sur stock *On stock*
3950503	7,00	42	800	X

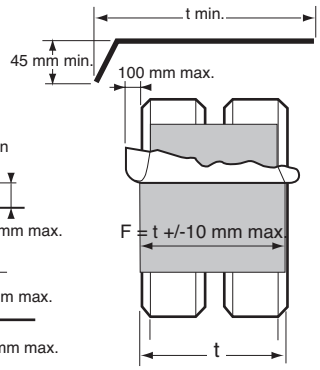
Bavettes / *Mud-flap*

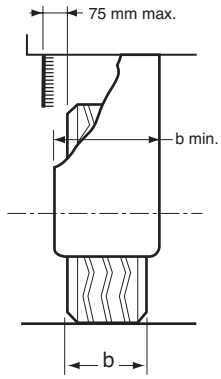
Le règlement UE 109/2011, l'article R 104-1 du Code de la Route et son arrêté d'application du 18 septembre 1992 rendent obligatoire le montage de dispositifs anti-projections homologués sur les véhicules à moteur d'un P.T.A.C. supérieur à 7,5 tonnes et sur les remorques d'un P.T.A.C. supérieur à 3,5 tonnes mis en circulation pour la première fois à compter du 1er octobre 1993.

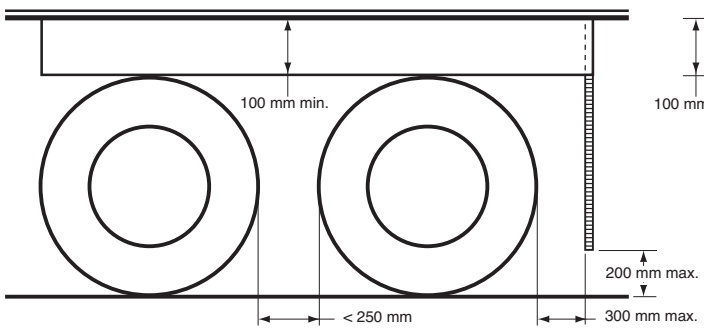
The reglement UE 109/2011, the article R 104-1 of the Highway Code and its decree of 18th September 1992 make the fitting of anti-projection systems mandatory on motor vehicles whose laden weight exceeds 7.5 tonnes and on trailers with a laden weight of over 3.5 tonnes, which were first put on the road from 1st October 1993.

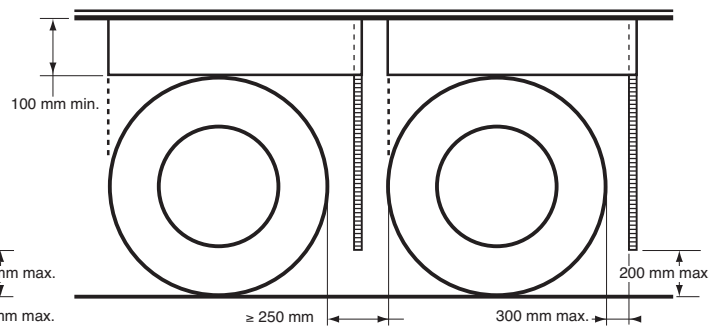
Roues non directrices, dimensions minimales exigées
Non-guiding wheels, minimum dimensions required



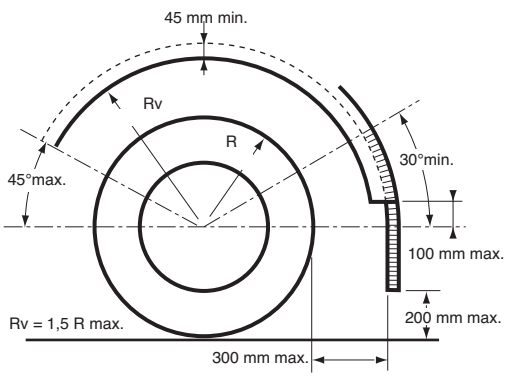


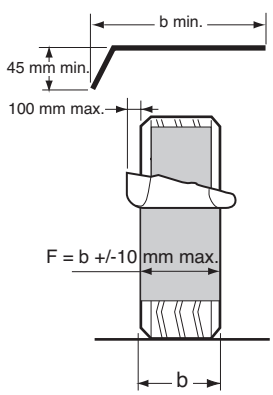






Roues directrices, dimensions minimales exigées
Guiding wheels, minimum dimensions required





Les dimensions indiquées sont données en mm, véhicule à vide, surface de chargement à l'horizontale et roues dirigées en ligne droite. La hauteur libre de la bavette est limitée à 450 mm. En circulation elle ne doit pas trop s'écarter du pneumatique : voir essai de flexion maximale 6-3-6 du règlement UE 109/2011.

The dimensions indicated are in mm, vehicle unloaded, loading surface horizontal and wheels straightened.
The free height of the flap is limited to 450 mm. When on the road, it should not move too far out from the tyre : see maximum bending test 6-3-6 of the reglement UE 109/2011.

CLEAR PASS® est une marque déposée
CLEAR PASS® is a trademark

Bavettes caoutchouc / *Mud/flap in rubber*

Bavette caoutchouc naturel, épaisseur 3 mm.
Mud-flat in naturel rubber, 3 mm thickness.

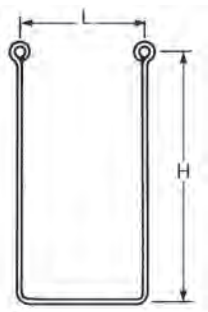
Référence *Reference*	Kg	L (mm)	H (mm)
3950304	0,77	500	350
3950305	0,97	600	400

Bavettes anti-projections CLEAR PASS / *CLEAR PASS spray suppression flaps*

CLEAR PASS

Protections homologuées e6*109/2011*109/2011*0025*00, personnalisable sans supplément à partir de 24 pièces.
*Flaps, approved e6*109/2011*109/2011*0025*00, customizable at no extra charge from 24 pieces.*

Référence *Reference*	Kg	L (mm)	H (mm)
3950310	3,90	610	1220
3950311	3,35	610	1065
3950312	3,40	610	915
3950318	2,35	610	725
3950345	3,30	450	1220
3950346	2,90	450	1065
3950347	2,50	450	915
3950349	3,70	660	1065
3950350	3,20	660	915
3950355	3,90	690	1065



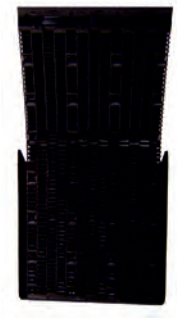
Raidisseurs galvanisés avec 2 assemblages U.
Galvanized stiffeners with 2 U assemblies.

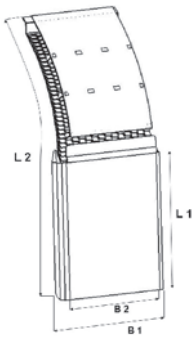
Référence *Reference*	Kg	L (mm)	H (mm)
3950331	1,40	450	750

Assemblage U.
U assembly.

Référence *Reference*	
3950330ET	200

Bavettes anti-projections SUPRA / *SUPRA spray suppression flaps*





SUPRA

Bavette anti-projections Parlok (e1*109/2011*109/2011*0018*00).
*Parlok spray suppression mudflap (e1*109/2011*109/2011*0018*00).*

Référence *Reference*	Kg	B1	B2	L1	L2	Matière *Material*	Sur stock *On stock*
5068405	1,60	405-430	370	400	820	PE-HD	X
5068455	1,80	450-455	420	400	820	PE-HD	-
5068480	1,60	480-500	445	300	720	PE-HD	X
5068550	2,00	550	515	300	720	PE-HD	X
5068595	2,20	595-630	560	400	820	PE-HD	X
5068650	2,50	650-680	615	400	820	PE-HD	X
5068720	2,90	720	685	400	820	PE-HD	-

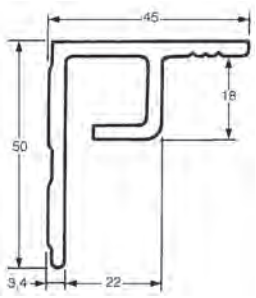
Kit visserie pour bavette anti-projections Parlok SUPRA.
Fixing set for Parlok SUPRA mudflap.

Référence *Reference*	Kg	Matière *Material*
5942680	-	Zingué *Zinc plated*

Jupes latérales anti-projections CLEAR PASS / *CLEAR PASS spray suppression lateral flaps*

Jupes latérales Clear Pass homologuées e6*109/2011*109/2011*0025*00.
*Clear Pass lateral flaps, approved e6*109/2011*109/2011*0025*00.*

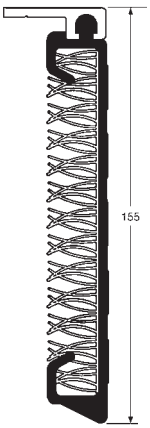
Référence *Reference*	Kg	L (mm)	H (mm)
3950361	1,30	1220	200
3950362	2,20	1220	300
3950363	1,20	1350	150
3950364	2,50	2000	200

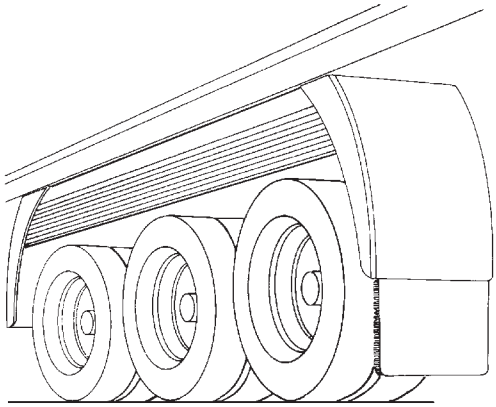


Profil aluminium anodisé pour accrochage des jupes latérales.
Anodised aluminium profile for fixing of the lateral flaps.

Référence *Reference*	Longueur *Length*
3950332	4000

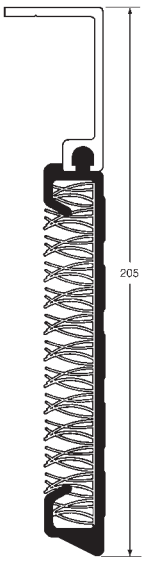
Jupes latérales anti-projections / *Spray suppression lateral flaps*





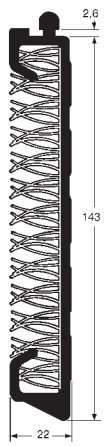
Jupe latérale complète, hauteur 155 mm, équipée d'un dispositif anti-projections.
Side-skirt plus profile, 155 mm height fitted with anti spray.

Référence *Reference*	Longueur *Length*	Hauteur *Height*
3950375	3800	155



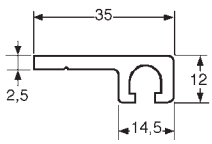
Jupe latérale complète, hauteur 205 mm, équipée d'un dispositif anti-projections.
Side-skirt plus profile, 205 mm height fitted with anti spray.

Référence *Reference*	Longueur *Length*	Hauteur *Height*
3950377	3800	205



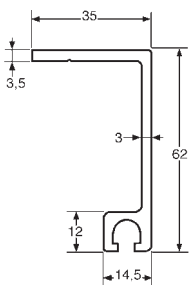
Bandeau anti-projections.
Side-skirt.

Référence *Reference*	Longueur *Length*
3950375JU	3800
3950376JU	4500



Profil aluminium anodisé.
Anodized aluminium profile.

Référence *Reference*	Longueur *Length*
3950367SU	3800



Profil aluminium anodisé.
Anodized aluminium profile.

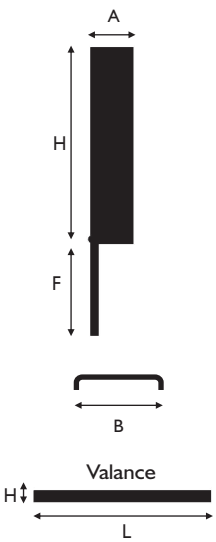
Référence *Reference*	Longueur *Length*
3950368SU	3800

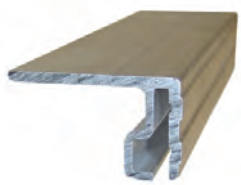
Jupes latérales anti-projections et ailerons / *Spats and spray suppression lateral flaps*

SUPRA WHITE LINE

Aileron Parlok + jupe latérale (e1*109/2011*109/2011*0018*00).
*Parlok Spat + Valance (e1*109/2011*109/2011*0018*00).*

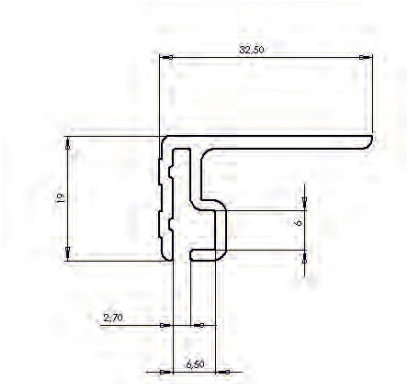
Référence *Reference*	B	L	H	A	F	Type *Type*	Sur stock *On stock*
5315010	500		600	70	400		-
5316010	600		600	70	400		-
5316510	650		600	70	400		-
5311540		4000	140			Valance	-





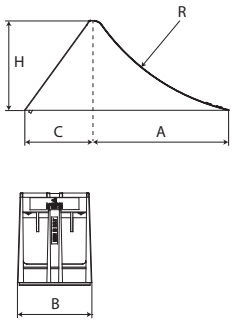
Profil aluminium de fixation de jupe latérale pour modèle Parlok White Line Supra.
Aluminium fixing profile for Parlok White Line SUPRA Valance.

Référence *Reference*	L	Sur stock *On stock*
5949999	4000	-



Cales de roues / *Wheel chocks*

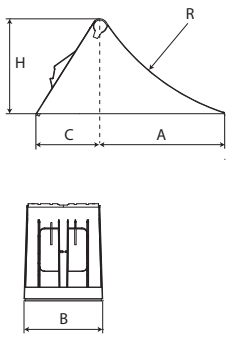
LOKHEN



TINY

Cale de roue G36, plastique jaune.
Yellow plastic wheel chock G36.

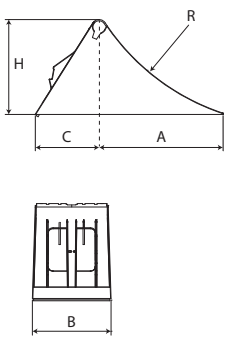
Référence *Reference*	Kg	A (mm)	B (mm)	C (mm)	H (mm)	R (mm)	Sur stock *On stock*
3951400	0,53	220	122	115	147	355	x
3951401	0,44	220	122	115	147	355	-



NET

Cale de roue G46, plastique jaune.
Yellow plastic wheel chock G46.

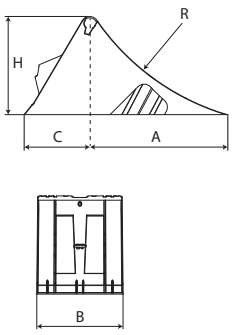
Référence *Reference*	Kg	A (mm)	B (mm)	C (mm)	H (mm)	R (mm)	Sur stock *On stock*
3951410	0,84	253	193	134	193	460	x
3951411	0,73	253	193	134	193	460	-



NET

Cale de roue G46, plastique noir.
Black plastic wheel chock G46.

Référence *Reference*	Kg	A (mm)	B (mm)	C (mm)	H (mm)	R (mm)	Sur stock *On stock*
3951412	0,84	253	193	134	193	460	-
3951413	0,73	253	193	134	193	460	-



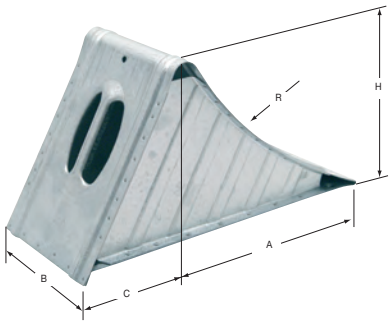
HIVE

Cale de roue E53, plastique jaune.
Yellow plastic wheel chock E53.

Référence *Reference*	Kg	A (mm)	B (mm)	C (mm)	H (mm)	R (mm)	Sur stock *On stock*
3951420	1,4	317	198	150	225	555	x
3951421	1,25	317	198	150	225	555	x

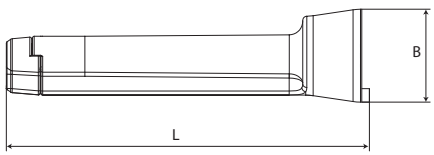
Cales de roues / *Wheel chocks*

LOKHEN



Cale de roue acier galvanisé, DIN 76051-11/92.
Galvanized steel wheel chock (DIN 76051-11/92)

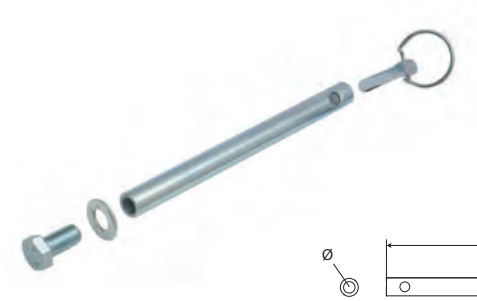
Référence *Reference*	Kg	A (mm)	B (mm)	C (mm)	H (mm)	R (mm)	Charge (kN) *Charge (kN)*	Type *Type*
3951284GA	4,30	320	200	150	230	560	16	NG53
3951286GA	2,80	260	160	120	190	460	50	NG46
3951288GA	1,00	220	120	100	150	360	65	-



KLOK

Support plastique noir pour cale de roue.
Black plastic support for wheel chock.

Référence *Reference*	Kg	B (mm)	L (mm)	Pour *For*
3951450	0,16	55	215	G46
3951451	0,18	55	258	E53

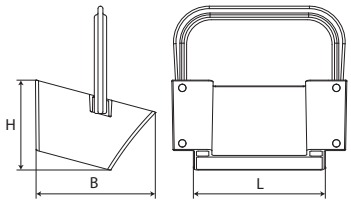


Support zingué pour cale de roue.
Zinc plated steel support for wheel chock.

Référence *Reference*	Kg	Ø	L (mm)
3951452	0,42	21	250

Cales de roues / *Wheel chocks*

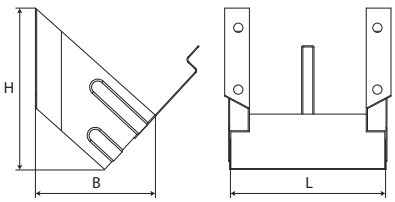
LOKHEN



HOST

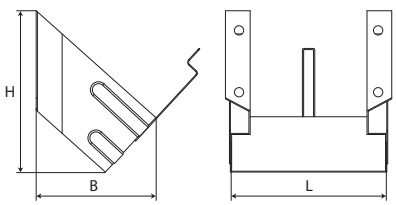
Support plastique noir pour cale de roue G46.
Black plastic support for wheel chock G46.

Référence *Reference*	Kg	B (mm)	L (mm)	H (mm)	Sur stock *On stock*
3951465	0,4	194	184	128	x



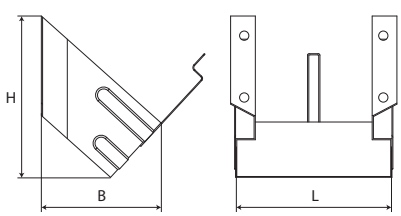
Support acier zingué pour cale de roue G46.
Zinc plated steel support for wheel chock G46.

Référence *Reference*	Kg	B (mm)	L (mm)	H (mm)	Sur stock *On stock*
3951471	0,49	127	165	167	-



Support acier galvanisé pour cale de roue G46.
Galvanized steel support for wheel chock G46.

Référence *Reference*	Kg	B (mm)	L (mm)	H (mm)	Sur stock *On stock*
3951474	0,49	127	165	167	x

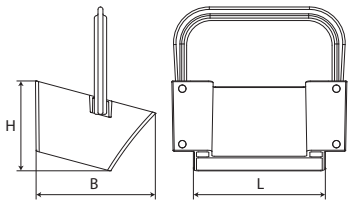


Support acier peinture noire pour cale de roue G46.
Black painted steel support for wheel chock G46.

Référence *Reference*	Kg	B (mm)	L (mm)	H (mm)	Sur stock *On stock*
3951477	0,49	127	165	167	-

Cales de roues / *Wheel chocks*

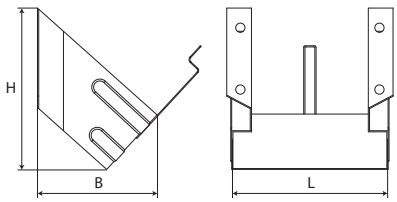
LOKHEN



HOST

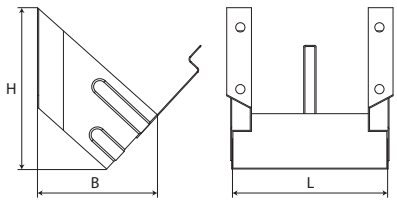
Support plastique noir pour cale de roue E53.
Black plastic support for wheel chock E53.

Référence *Reference*	Kg	B (mm)	L (mm)	H (mm)	Sur stock *On stock*
3951466	0,7	191	212	144	x



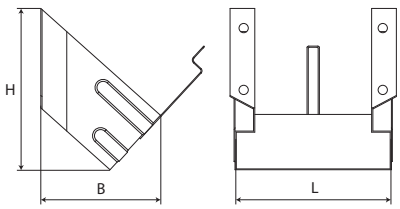
Support acier zingué pour cale de roue E53.
Zinc plated steel support for wheel chock E53.

Référence *Reference*	Kg	B (mm)	L (mm)	H (mm)	Sur stock *On stock*
3951472	0,91	127	165	167	-



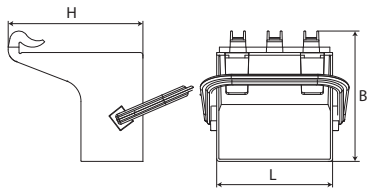
Support acier galvanisé pour cale de roue E53.
Galvanized steel support for wheel chock E53.

Référence *Reference*	Kg	B (mm)	L (mm)	H (mm)	Sur stock *On stock*
3951475	0,91	127	165	167	x



Support acier peinture noire pour cale de roue E53.
Black painted steel support for wheel chock E53.

Référence *Reference*	Kg	B (mm)	L (mm)	H (mm)	Sur stock *On stock*
3951478	0,91	127	165	167	-



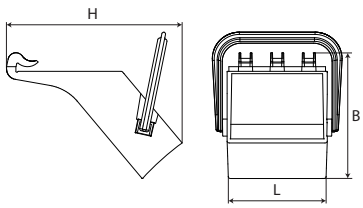
NEST

Support 90° plastique noir pour cale de roue E53.
Black plastic support 90° for wheel chock E53.

Référence *Reference*	Kg	B (mm)	L (mm)	H (mm)	Sur stock *On stock*
3951460	1,09	244	217	252	x

Cales de roues / *Wheel chocks*

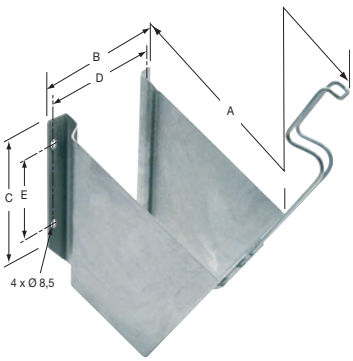
LOKHEN



NEST

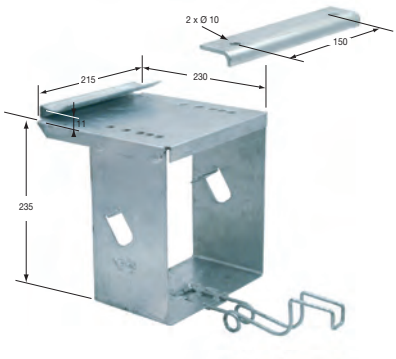
Support 130° plastique noir pour cale de roue E53.
Black plastic support 130° for wheel chock E53.

Référence *Reference*	Kg	B (mm)	L (mm)	H (mm)	Sur stock *On stock*
3951462	1,24	270	210	377	x



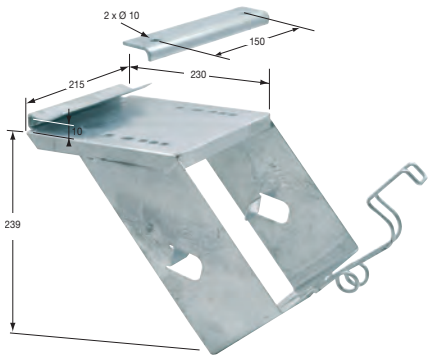
Support acier galvanisé.
Galvanized steel support.

Référence *Reference*	Kg	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	Pour *For*	Type *Type*
3951289GA	0,50	225	164	92	144	40	3951288GA	-
3951307GA	1,378	266	250	120	226 230	80	3951284GA	NG53
3951308GA	0,995	225	210	100	184 190	60	3951286GA	NG46



Support à brider, acier galvanisé, pour cale de roue NG53.
Steel support for wheel chock NG53.

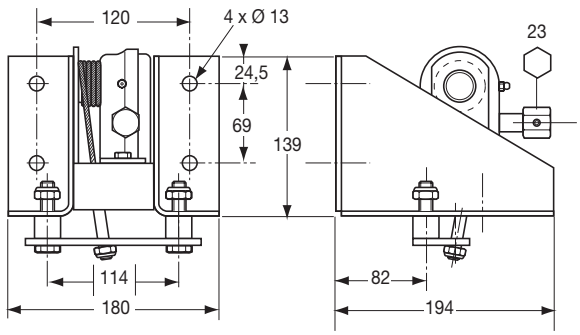
Référence *Reference*	Kg	Pour *For*
3951306	3,18	3951284GA



Support à brider, acier galvanisé, pour cale de roue NG53.
Steel support for wheel chock NG53.

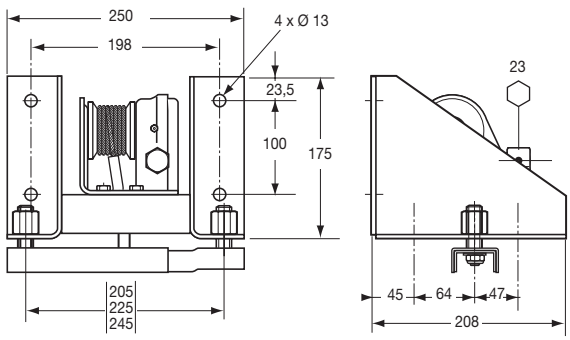
Référence *Reference*	Kg	Pour *For*
3951305	3,22	3951284GA

Treuils porte-roue / *Spare wheel carrier*



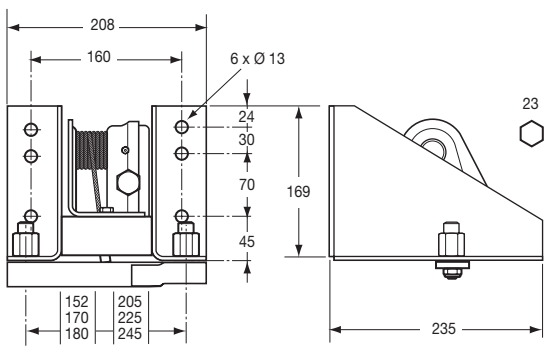
Porte-roue pour jante, montage à 2 trous.
Wheel carrier, 2 stud wheel.

Référence *Reference*	Kg
3644276	5,10



Porte-roue pour jante, montage à 6 trous.
Wheel carrier, 6 stud wheel.

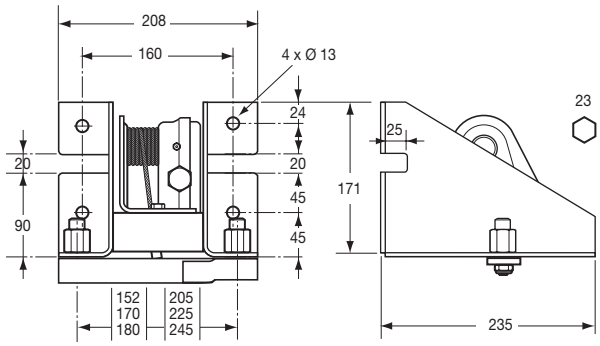
Référence *Reference*	Kg
3644287	6,34



Porte-roue universel 152/245 mm.
Universal spare wheel carrier 152/245 mm.

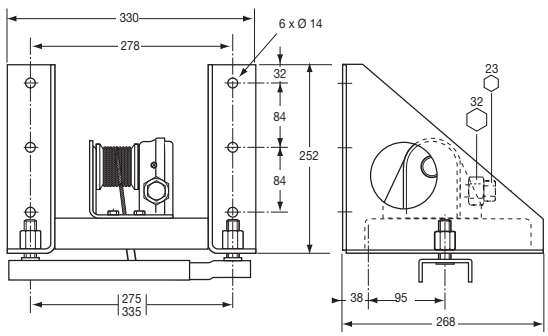
Référence *Reference*	Kg
3644295	5,80

Treuils porte-roue / *Spare wheel carrier*



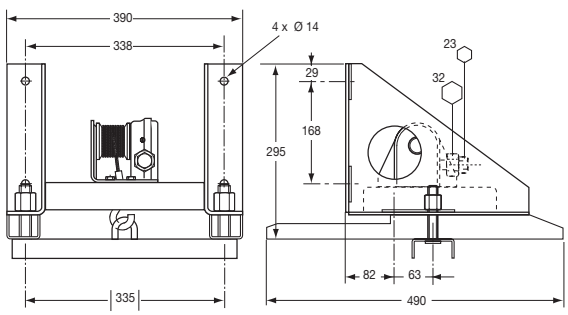
Porte-roue pour Mercedes Sprinter.
Spare wheel carrier for Mercedes Sprinter.

Référence *Reference*	Kg
3644296	5,715



Porte-roue pour jante, montage à 8/10 trous.
Wheel carrier, 8/10 stud wheel.

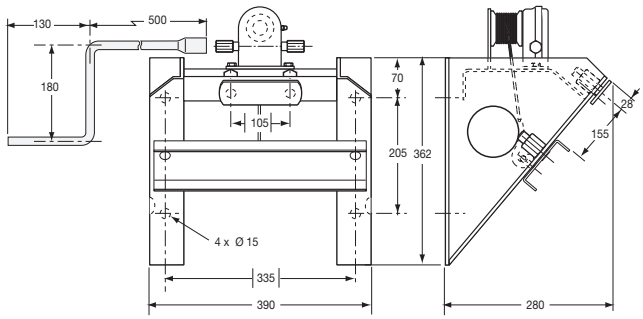
Référence *Reference*	Kg
3644288	10,40



Porte-roue pour jante, montage à 10 trous.
Wheel carrier, 10 stud wheel.

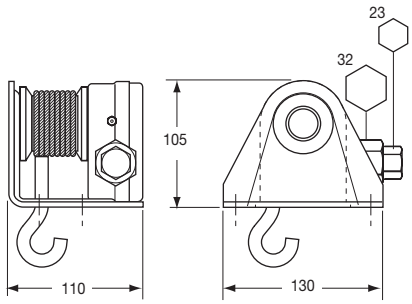
Référence *Reference*	Kg
3644275	15,45

Treuils porte-roue / *Spare wheel carrier*



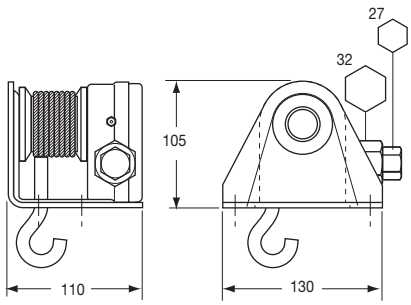
Porte-roue incliné à 52 ° avec manivelle pour jante, montage à 10 trous.
Tilted wheel carrier (52°) with crank, for 10 stud wheel.

Référence *Reference*	Kg
3644289	16,00



Mécanisme seul pour 3644275 et 3644288 (1 tour = 7 mm).
Only mecanism for 3644275 et 3644288 (1 turn = 7 mm).

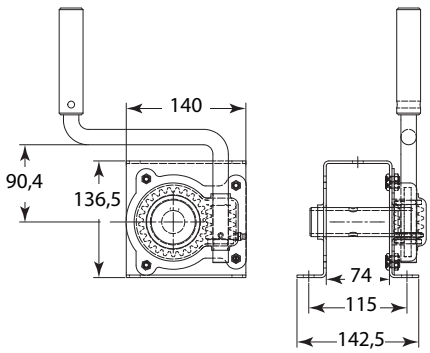
Référence *Reference*	Kg	Pour *For*
3644291	0,194	3644275 3644288



Mécanisme seul pour 3644275 et 3644288 (1 tour = 7 mm).
Only mecanism for 3644275 et 3644288 (1 turn = 7 mm).

Référence *Reference*	Kg
3644297	0,194

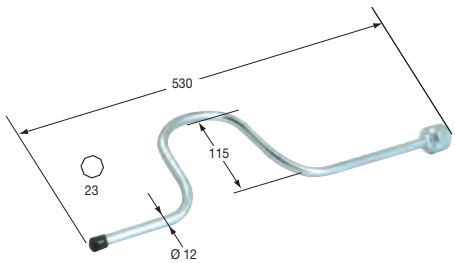
Treuils porte-roue / *Spare wheel carrier*



Treuil de relevage acier, charge maxi : 250 kg, levée par tour : 8 mm, rapport vis/roue : 1/25.
Pulling winch, steel, maximum load : 250 kg, raising distance : 8 mm per revolution, ratio screw gear/pinion : 1/25.

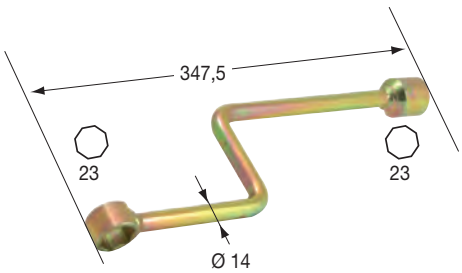
Référence *Reference*	Kg
3644265	4,50

Clés et douilles / *Crank/handle and socket*



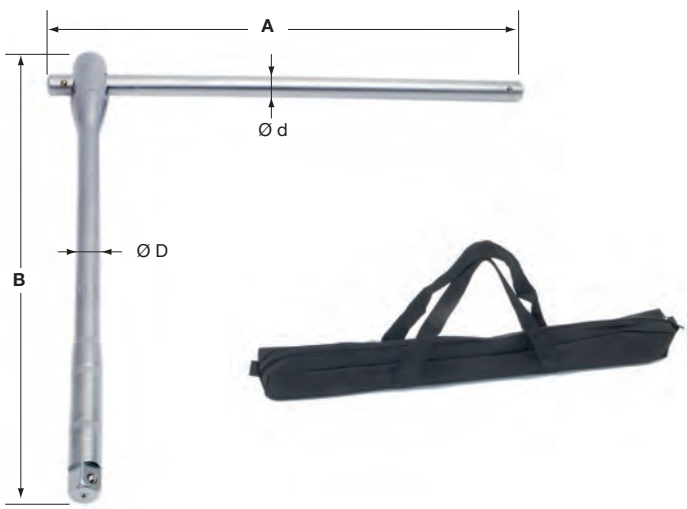
Manivelle acier zingué.
Zind plated steel crank-handle.

Référence *Reference*	Kg
3644292	0,690



Clé 23 mm, acier zingué bichromaté, pour treuil porte-roue.
ZBI crank-handle 23 mm for spare wheel carrier.

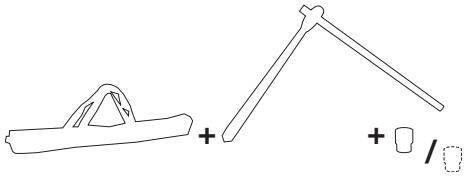
Référence *Reference*	Kg
3644294	0,59



Clé de roue seule acier zingué, avec sacoche toile.
Zinc plated crank-handle only, with cloth bag.

Référence *Reference*	Kg	B (mm)	Ø D (mm)	Ø d (mm)
3644320	3,272	480	22	22

Clés et douilles / *Crank/handle and socket*



Clé de roue complète = sacoche + clé + douille(s).
Complete crank-handle = cloth bag + crank-handle + socket(s).

Référence *Reference*	Kg	⬡
3644327	3,545	27
3644332	3,571	32
3644333	3,671	33

Douille 27 mm, acier zingué, pour clé de roue 3644320.
Socket 27 mm, zinc plated, for crank-handle 3644320.

Référence *Reference*	Kg	Pour *For*
3644327D0	0,273	3644320

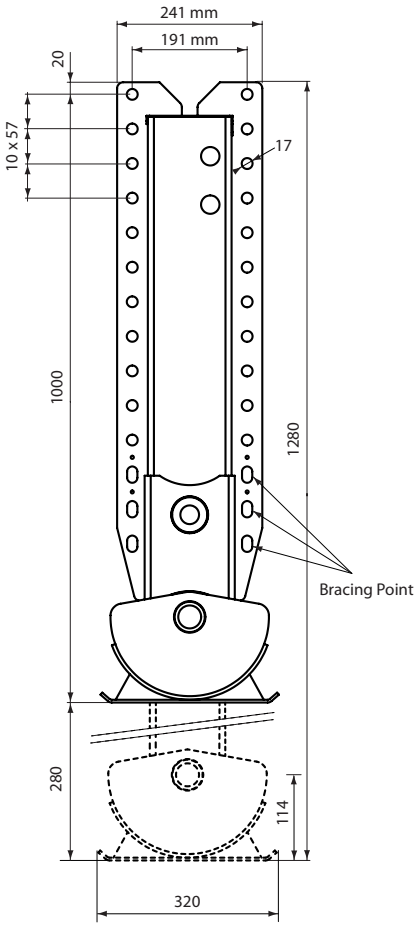
Douille 32 mm, acier zingué, pour clé de roue 3644320.
Socket 32 mm, zinc plated, for crank-handle 3644320.

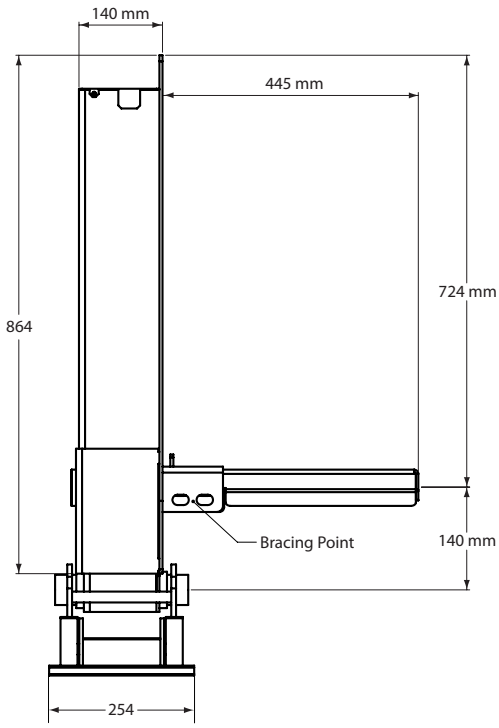
Référence *Reference*	Kg	Pour *For*
3644332D0	0,299	3644320

Douille 33 mm, acier zingué, pour clé de roue 3644320.
Socket 33 mm, zinc plated, for crank-handle 3644320.

Référence *Reference*	Kg	Pour *For*
3644333D0	0,399	3644320

Béquilles pneumatiques / *Pneumatic landing leg*





PTS 50-280-OM

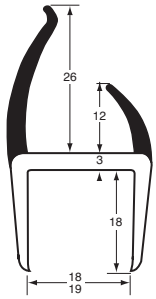
Jeu de 2 béquilles pneumatiques. Pression de fonctionnement 2,5 bars.
Set of 2 pneumatic landing legs.

Référence *Reference*	Kg	Finition *Finish*	Capacité *Capacity*	Course *Stroke*
3644402	91	Acier peint *Painted steel*	50 t	280

COMPLÉMENTS CARROSSERIE
ADDITIONAL BODYWORK ACCESSORIES

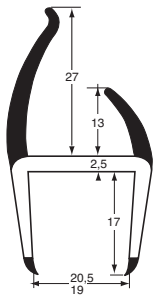
JOINTS / *SEALS*
PROFILS ALUMINIUM INTÉRIEURS / *INTERIOR ALUMINIUM PROFILES*
PROFILS ALUMINIUM EXTÉRIEURS / *EXTERIOR ALUMINIUM PROFILES*
SÉCURITÉ / *SECURITY*
SIGNALISATION / *MARKING*
REVÊTEMENTS DE SOLS / *FLOOR COVERING*
VENTILATION / *VENTILATION*
BAIES / *WINDOWS*
ASSISTANCE AU RELEVAGE / *LIFTING ASSISTANCE*
TOIT COULISSANT OPEN / *OPEN SLIDING ROOF*
TOIT FIXE OPEN / OPEN FLAT ROOF
ACCESSOIRES DE TOIT COULISSANT / *SLIDING ROOF ACCESSORIES*
POTEAUX COULISSANTS / *SLIDING PILLARS*
ACCESSOIRES DE BÂCHAGE / *CURTAIN ACCESSORIES*
ACCESSOIRES POUR BENNES ET PLATEAUX / *ACCESSORIES FOR TIPPER AND FLATBED*
ACCESSOIRES DE CAISSE AMOVIBLE ET CONTENEUR / *CONTAINER ACCESSORIES*
ACCÈS / *ACCESS*

Joints avec semelle rigide / *Seals with rigid soles*



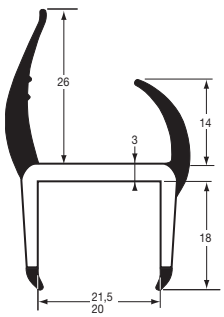
Joint P.V.C. bi-dureté gris / noir.
Grey/black dual-hardness P.V.C.

Référence *Reference*	Longueur *Length*
1132386	5



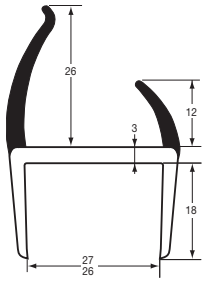
Joint P.V.C. bi-dureté gris / noir.
Grey/black dual-hardness P.V.C.

Référence *Reference*	Longueur *Length*
1132386B	3,2



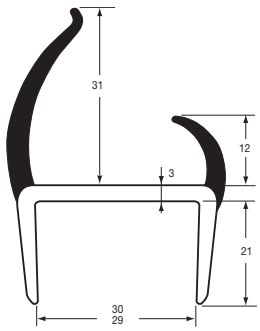
Joint P.V.C. bi-dureté.
Dual-hardness P.V.C.

Référence *Reference*	Longueur *Length*	Couleur *Colour*
1132215	5	Gris *Grey*
1132216	6	Gris *Grey*
1132374	6	Gris/noir *Grey/black*
1132375	5	Gris/noir *Grey/black*
1132375A	2,7	Gris/noir *Grey/black*
1132375B	3,2	Gris/noir *Grey/black*



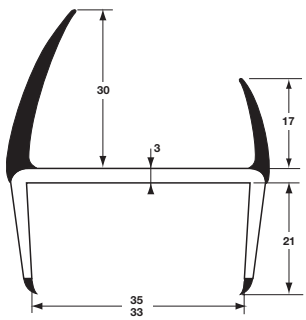
Joint P.V.C. bi-dureté.
Grey dual-hardness P.V.C.

Référence *Reference*	Longueur *Length*	Couleur *Colour*
1132219A	2,8	Gris *Grey*
1132220A	3,3	Gris *Grey*
1132383	5	Gris/noir *Grey/black*
1132383A	2,7	Gris/noir *Grey/black*
1132383B	3,2	Gris/noir *Grey/black*



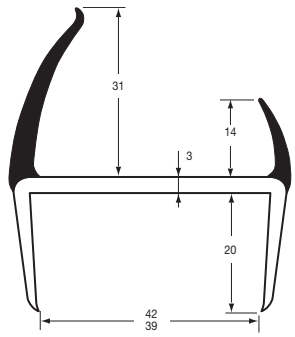
Joint P.V.C. bi-dureté.
Dual-hardness P.V.C.

Référence *Reference*	Longueur *Length*	Couleur *Colour*
1132225	5	Gris *Grey*
1132376	5	Gris/noir *Grey/black*



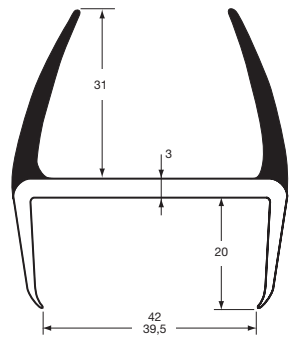
Joint P.V.C. bi-dureté gris / gris.
Grey/grey dual-hardness P.V.C.

Référence *Reference*	Longueur *Length*
1132401	2,7



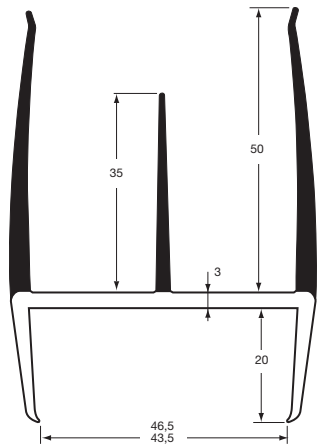
Joint P.V.C. bi-dureté.
Dual-hardness P.V.C.

Référence *Reference*	Longueur *Length*	Couleur *Colour*
1132230	5	Gris *Grey*
1132385	5	Gris/noir *Grey/black*



Joint P.V.C. bi-dureté gris.
Grey dual-hardness P.V.C.

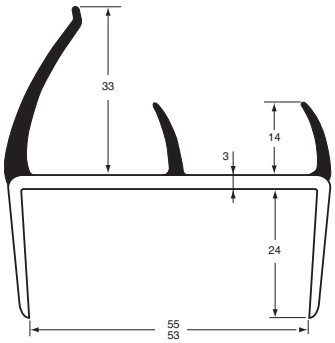
Référence *Reference*	Longueur *Length*
1132391	5



Joint P.V.C. bi-dureté.
Dual-hardness P.V.C.

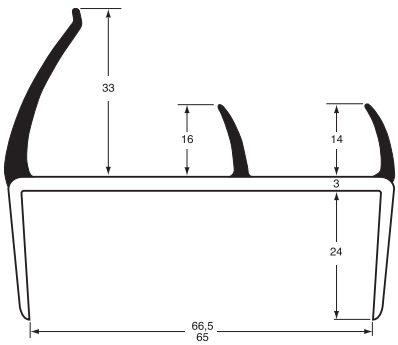
Référence *Reference*	Longueur *Length*	Couleur *Colour*
1132397	2,7	Gris/noir *Grey/black*
1132400	2,7	Gris *Grey*

Joints avec semelle rigide / *Seals with rigid soles*



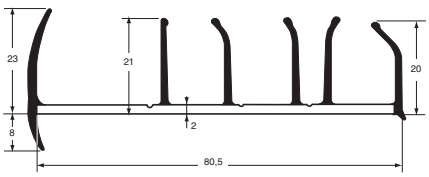
Joint P.V.C. bi-dureté.
Dual-hardness P.V.C.

Référence *Reference*	Longueur *Length*	Couleur *Colour*
1132235	5	Gris *Grey*
1132384	5	Gris/noir *Grey/black*



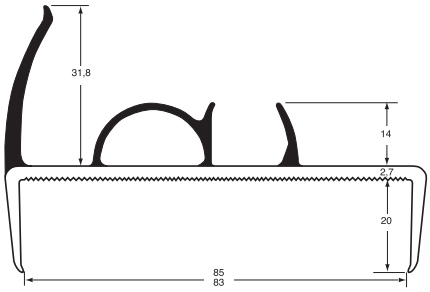
P.V.C. bi-dureté.
Grey dual-hardness P.V.C.

Référence *Reference*	Longueur *Length*	Couleur *Colour*
1132240	5	Gris *Grey*
1132392	5	Gris/noir *Grey/black*



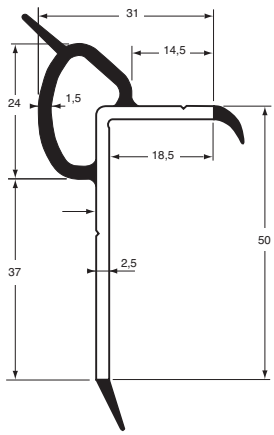
Joint à lèvres santoprène, semelle polypropylène.
Santoprene fins, polypropylene base.

Référence *Reference*	Longueur *Length*
1132403	2,7



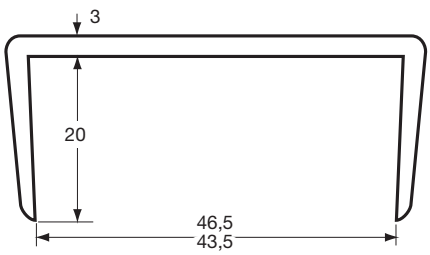
Joint P.V.C. bi-dureté.
Dual-hardness P.V.C.

Référence *Reference*	Longueur *Length*	Couleur *Colour*
1132245	5	Gris *Grey*
1132389	5	Gris/gris *Grey/grey*
1132389BN	5	Blanc/noir *White/black*



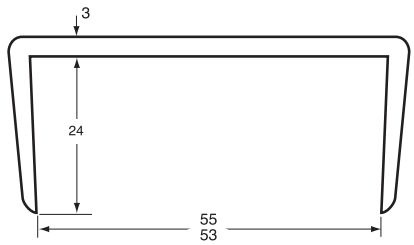
P.V.C. bi-dureté gris/noir.
Grey/black dual-hardness P.V.C.

Référence *Reference*	Longueur *Length*
1132395	3,2



Semelle P.V.C rigide grise.
Grey hardness P.V.C.

Référence *Reference*	Longueur *Length*
1132402	2,6



Semelle P.V.C rigide grise.
Grey rigid P.V.C.

Référence *Reference*	Longueur *Length*
1132398	5

Onglets de finition / *Finishing mitres*

Profil onglet de finition.
Grey finishing mitre profile.

Référence *Reference*	Longueur *Length*	Couleur *Colour*
1132393	25	Gris *Grey*
1132394	25	Noir *Black*

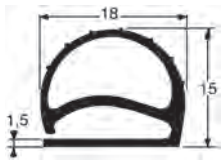
Onglets de finition noir.
Black finishing mitres.

Référence *Reference*	A	Pour *For*	Intérieur *Inside*	Extérieur *Outside*
1132377	68	1132374 1132375 1132382 1132383 1132386		x
1132378	78	1132376 1132385		x
1132379	52	1132374 1132375 1132376 1132382 1132383 1132385 1132386	x	
1132387	60	1132384 1132392	x	
1132388	90	1132384 1132392		x

Onglets de finition gris.
Grey finishing mitres.

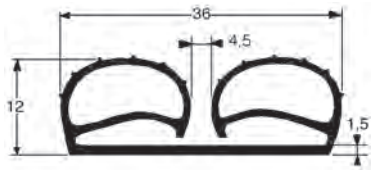
Référence *Reference*	A	Pour *For*	Extérieur *Outside*
1132390	78	1132389 1132391	x

Joints souples / *Soft seals*



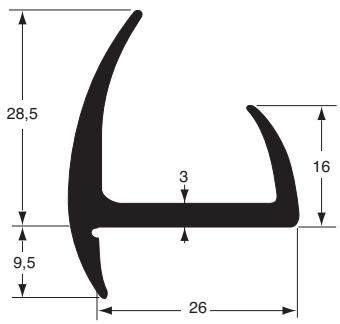
Joint E.P.D.M. gris.
Grey E.P.D.M.

Référence *Reference*	Longueur *Length*
1232510	30



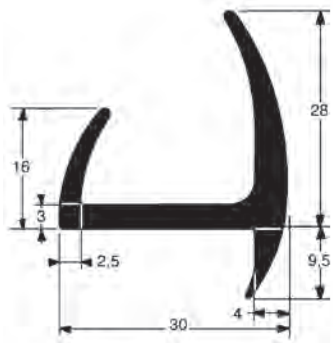
Joint E.P.D.M. gris.
Grey E.P.D.M.

Référence *Reference*	Longueur *Length*
1232514	4,8



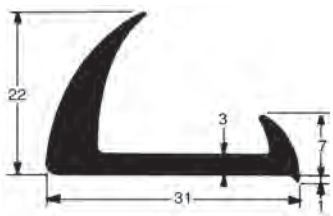
Joint E.P.D.M. noir.
Black E.P.D.M.

Référence *Reference*	Longueur *Length*
1232541	2,5



Joint E.P.D.M. gris.
Grey E.P.D.M.

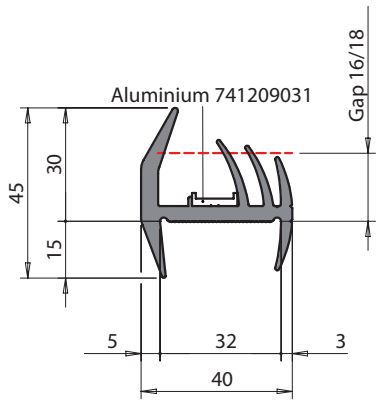
Référence *Reference*	Longueur *Length*
1232518	2,6



Joint S.B.R. noir.
Black S.B.R.

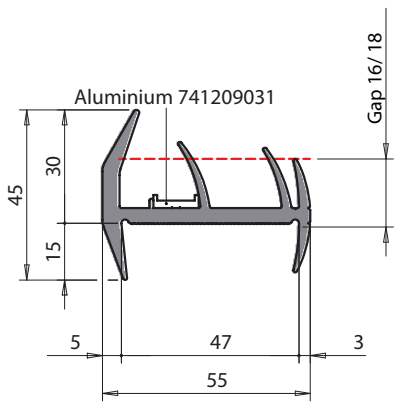
Référence *Reference*	Longueur *Length*
1103199	2,5

Joints souples / *Soft seals*



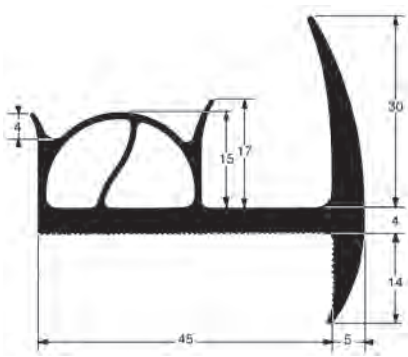
Joint E.P.D.M. noir.
Black EPDM.

Référence *Reference*	Longueur *Length*
580611210	20



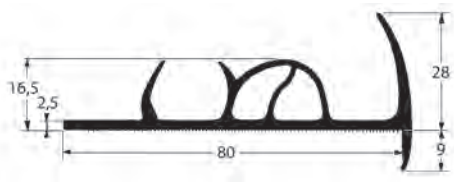
Joint E.P.D.M. noir.
Black EPDM.

Référence *Reference*	Longueur *Length*
580611211	20



Joint E.P.D.M. gris.
Grey E.P.D.M.

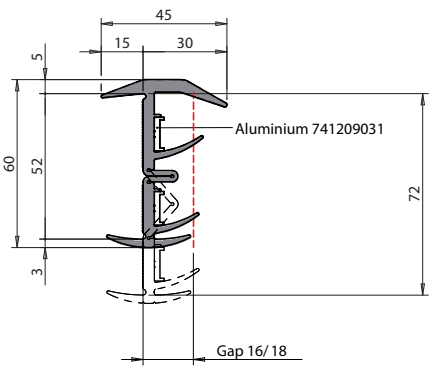
Référence *Reference*	Longueur *Length*
1232516	4



Joint E.P.D.M. noir.
Black E.P.D.M.

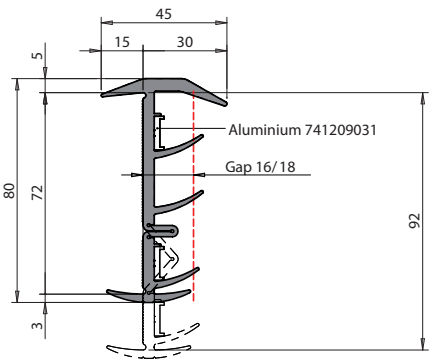
Référence *Reference*	Longueur *Length*
1232515NO	2,6

Joints extensibles / *Extendable gaskets*



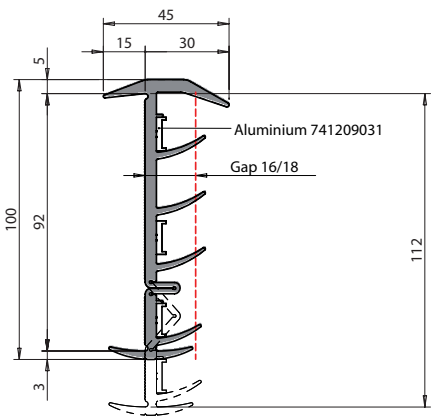
Joint en rouleau de 20 m. Idéal pour panneau de 50 à 70 mm.
Gasket in 20 m rolls for panel width from 50 to 70 mm.

Référence *Reference*	Kg
580611207	0,532



Joint en rouleau de 20 m. Idéal pour panneau de 70 à 90 mm.
Gasket in 20 m rolls for panel width from 70 to 90 mm.

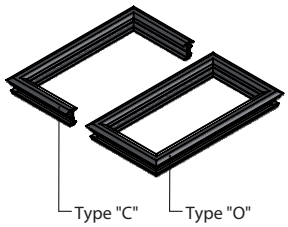
Référence *Reference*	Kg
580611208	0,647

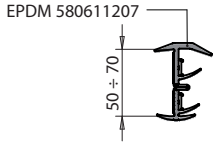


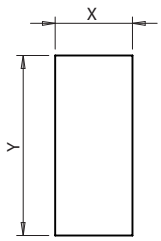
Joint en rouleau de 20 m. Idéal pour panneau de 90 à 110 mm.
Gasket in 20 m rolls for panel width from 90 to 110 mm.

Référence *Reference*	Kg
580611209	0,763

Cadres soudés / *Welded frames*

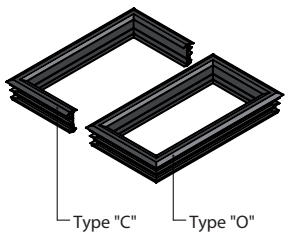


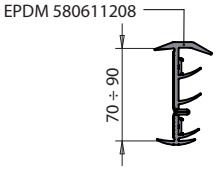


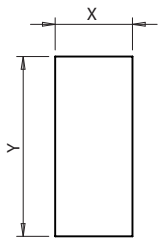


Cadre EPDM avec coins vulcanisés, idéal pour panneau de 50 à 70 mm.
Vulcanised rubber gasket for complete door, panel width from 50 to 70 mm.

Référence *Reference*
600010795

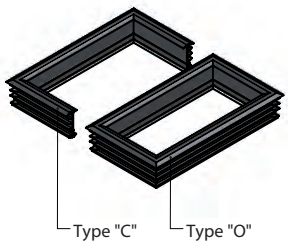


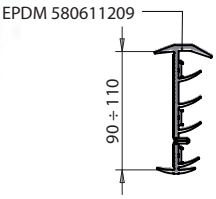


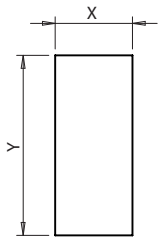


Cadre EPDM avec coins vulcanisés, idéal pour panneau de 70 à 90 mm.
Vulcanised rubber gasket for complete door, panel width from 70 to 90 mm.

Référence *Reference*
600011412

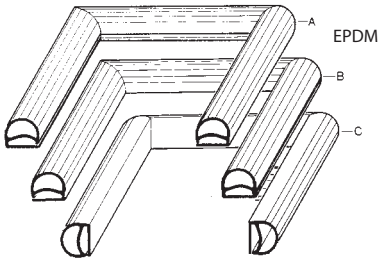


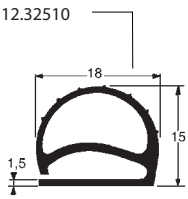


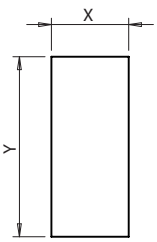


Cadre EPDM avec coins vulcanisés, idéal pour panneau de 90 à 110 mm.
Vulcanised rubber gasket for complete door, panel width from 90 to 110 mm.

Référence *Reference*
600011413

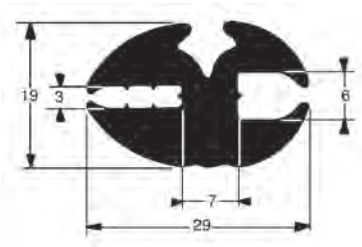






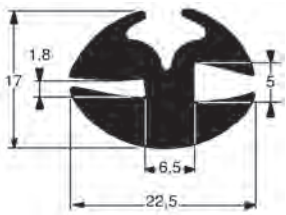
Cadre soudé à 3 ou 4 côtés, exécution A, B, C, à la commande, précisez la longueur et la largeur hors tout.
Welded frame with 3 or 4 sides, execution A, B, C, with the order specify the over-all length and breadth.

Joints pour vitrage / *Window seals*



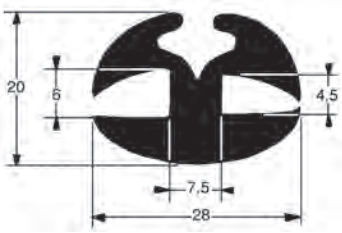
Joint E.P.D.M. noir.
Black E.P.D.M.

Référence *Reference*	Longueur *Length*
1232550	25



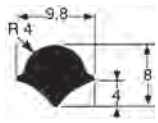
Joint E.P.D.M. noir.
Black E.P.D.M.

Référence *Reference*	Longueur *Length*
1232410	25



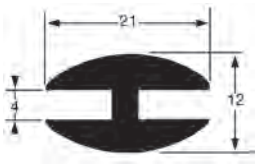
Joint E.P.D.M. noir.
Black E.P.D.M.

Référence *Reference*	Longueur *Length*
1203255	25



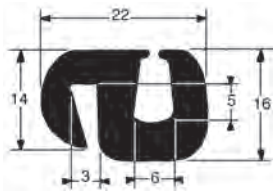
Clé E.P.D.M noir.
Black E.P.D.M filler strip.

Référence *Reference*	Longueur *Length*	Pour *For*
1203242	50	1232410 1203255 1232550



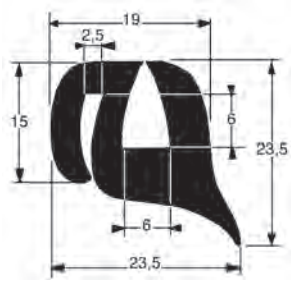
Joint de glace S.B.R. noir.
Black S.B.R.

Référence *Reference*	Longueur *Length*
1132372	50



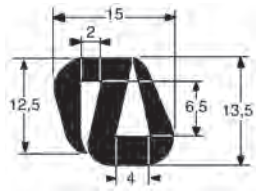
Joint de glace E.P.D.M. noir.
Black E.P.D.M.

Référence *Reference*	Longueur *Length*
1203235	25



Joint de glace E.P.D.M. noir.
Black E.P.D.M.

Référence *Reference*	Longueur *Length*
1203257	20



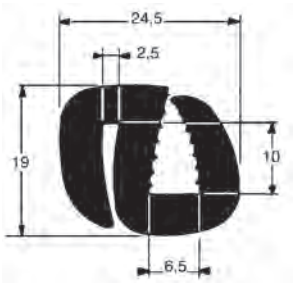
Joint de glace E.P.D.M. noir.
Black E.P.D.M.

Référence *Reference*	Longueur *Length*
1232351	25

Appareil de montage pour profil à clé : avec agrafes PM réf. 4300851, monte les clés 1203242.
Tool used to insert the filler strip : N°4300851 replacement tip for filler strips 1203242.

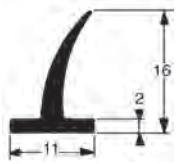
Référence *Reference*	Kg
4300850	0,15

Joints pour vitrage / *Window seals*



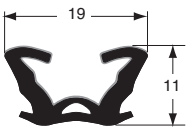
Joint de glace E.P.D.M. noir.
Black E.P.D.M.

Référence *Reference*	Longueur *Length*
1132350	25



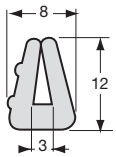
Joint néoprène noir.
Black neoprene section.

Référence *Reference*	Longueur *Length*
1232546	25



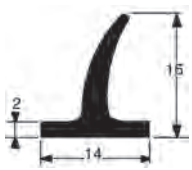
Coulisse E.P.D.M. noir flockée.
Flock E.P.D.M. black.

Référence *Reference*	Longueur *Length*
1145695	50



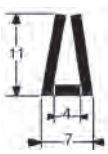
Joint E.P.D.M. gris.
Grey E.P.D.M.

Référence *Reference*	Longueur *Length*
1232040	25



Joint E.P.D.M. noir.
Black E.P.D.M.

Référence *Reference*	Longueur *Length*
1232543	25



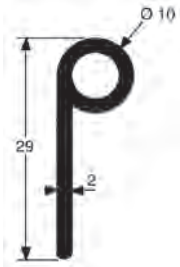
Joint de glace E.P.D.M. noir.
Black E.P.D.M.

Référence *Reference*	Longueur *Length*
1232455	25

Autres joints et accessoires / *Other seals and accessories*

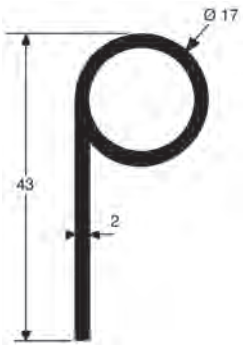
Joint E.P.D.M. noir.
Black E.P.D.M.

Référence *Reference*	Longueur *Length*
1132191	50



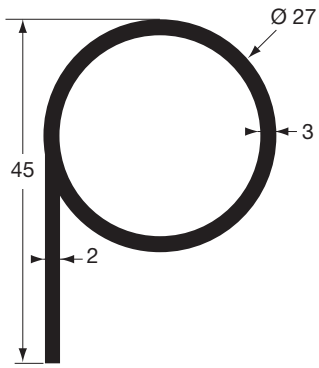
Joint E.P.D.M. noir.
Black E.P.D.M.

Référence *Reference*	Longueur *Length*
1103198	50



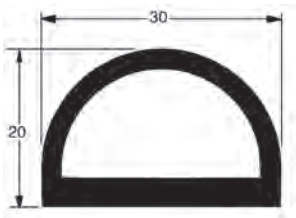
Joint E.P.D.M. noir.
Black E.P.D.M.

Référence *Reference*	Longueur *Length*
1132190	25



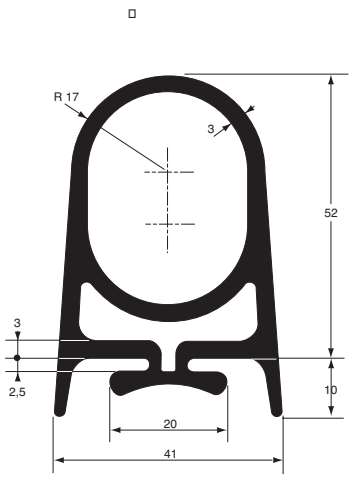
S.B.R noir.
Black S.B.R.

Référence *Reference*	Longueur *Length*
1132302	15



Joint E.P.D.M. noir.
Black E.P.D.M.

Référence *Reference*	Longueur *Length*
1132343	15



Joint E.P.D.M. noir, pour hayon élévateur isotherme.
Black E.P.D.M., for isothermal elevator tailgate.

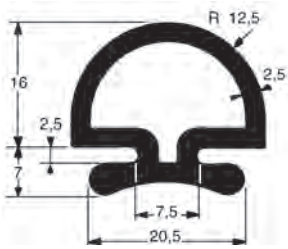
Référence *Reference*	Longueur *Length*
1232560	3

Joint E.P.D.M. noir.
Black E.P.D.M.

Référence *Reference*	Longueur *Length*
1203173	2,2

Joint E.P.D.M. noir.
Black E.P.D.M.

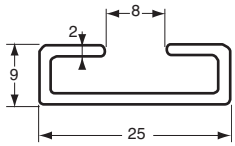
Référence *Reference*	Longueur *Length*
1203174	1,6



Joint E.P.D.M. noir.
Black E.P.D.M.

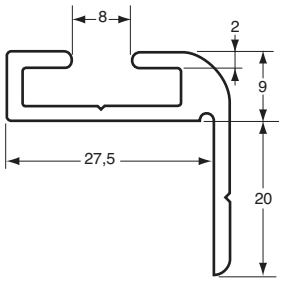
Référence *Reference*	Longueur *Length*
1232554	4
1232554C0	20

Autres joints et accessoires / *Other seals and accessories*



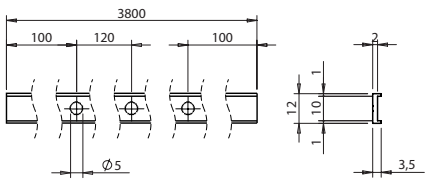
Profil aluminium brut.
Self colour aluminium profil.

Référence *Reference*	Longueur *Length*	Pour *For*
1637597	4	1232560 1203173 1203174 1232554



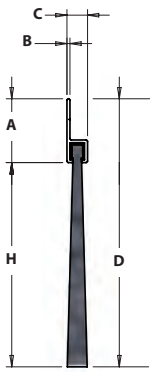
Profil aluminium brut.
Self colour aluminium profil.

Référence *Reference*	Longueur *Length*	Pour *For*
1637598	4	1232560 1203173 1203174 1232554



Profil pour fixation joints EPDM.
Fixing profi le for EPDM gaskets.

Référence *Reference*	Kg	Pour *For*
741209031	0,38	580311207 580311208 580311209 580311210 580611211



Brosse sur profil alu.
Aluminium brush seal.

Référence *Reference*	Kg	A	B	C	D	H	Longueur *Length*
1132600	0,575	26	1.2	8	55	30	2
1132601	0,735	26	1.2	8	55	30	2
580610497	0,75	25	1	7.2	94.5	72	2
580610498	0,6	25	1	7.2	64.5	42	2

Joints cellulaires / *Sponge rubber strips*

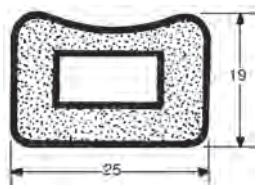
Joint E.P.D.M. noir, cellulaire, étanche, 25% de compression = 4.9 N/cm², 55% de compression = 11.2 N/cm².
Black closed cell E.P.D.M. in rolls, 25% compression = 4.9 N/cm², 55% compression = 11.2 N/cm².

Référence *Reference*	E	L	Longueur *Length*
1132441EC	15	25	50
1132441ED	20	25	50
1132441FD	20	30	50
1132441FF	30	30	50
1132441HD	20	40	50
1132441HE	25	40	50
1132441HF	30	40	50

Joint adhésivé une face, E.P.D.M. noir, cellulaire, étanche, 25% de compression = 4.9 N/cm², 55% de compression = 11.2 N/cm².
Black closed cell E.P.D.M. with self adhesive backing 25% compression = 4.9 N/cm², 50% compression = 11.2 N/cm².

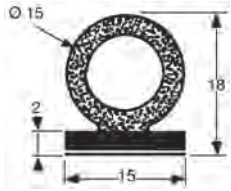
Référence *Reference*	E	L	Longueur *Length*
1132442BB	10	10	50
1132442CA	5	15	50
1132442CB	10	15	50
1132442CC	15	15	50
1132442CF	3	15	50
1132442CM	8	15	50
1132442DA	5	20	50
1132442DB	10	20	50
1132442DC	15	20	50
1132442DD	20	20	50
1132442DF	3	20	50
1132442DM	8	20	50
1132442EA	5	25	50
1132442EC	15	25	50
1132442FA	5	30	50
1132442BA	5	10	50
1132442EB	10	25	50
1132442FB	10	30	50
1132442FC	15	30	50
1132442HA	5	40	50
1132442LA	5	70	50

Joints cellulaires / *Sponge rubber strips*



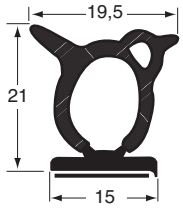
Joint E.P.D.M. noir.
Black E.P.D.M.

Référence *Reference*	Longueur *Length*
1103225	25



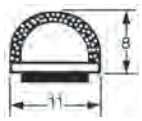
Joint E.P.D.M. bi-dureté noir adhésivé.
Dual-hardness black E.P.D.M. self adhesive.

Référence *Reference*	Longueur *Length*
1103221	50



Joint E.P.D.M. bi-dureté noir adhésivé.
Dual-hardness black E.P.D.M. self adhesive.

Référence *Reference*	Longueur *Length*
1103226	25

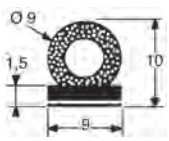


Joint E.P.D.M. bi-dureté noir adhésivé.
Dual-hardness black E.P.D.M. self adhesive.

Référence *Reference*	Longueur *Length*
1103223	100

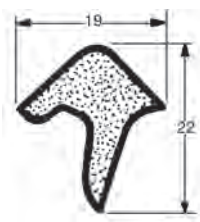
Joint E.P.D.M. noir.
Black E.P.D.M.

Référence *Reference*	Ø	Longueur *Length*
1103243B	10	50
1103243C	15	25
1103243K	6	50



Joint E.P.D.M. bi-dureté noir adhésivé.
Dual-hardness black E.P.D.M. self adhesive.

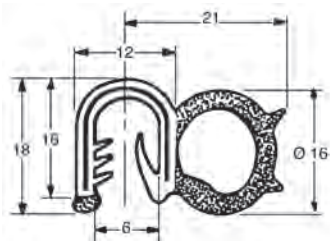
Référence *Reference*	Longueur *Length*
1103222	100



Joint S.B.R. noir.
Black S.B.R.

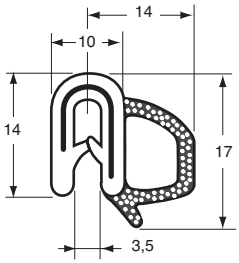
Référence *Reference*	Longueur *Length*
1131741	25

Joints clips / *Clip on seals*



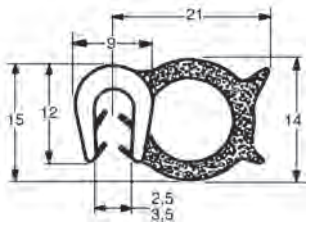
Tubulaire : E.P.D.M. cellulaire noir - Clip armé : E.P.D.M. noir.
Bulb : black closed cell E.P.D.M. - Armoured anchoring part : black E.P.D.M.

Référence *Reference*	Longueur *Length*
1132580	50



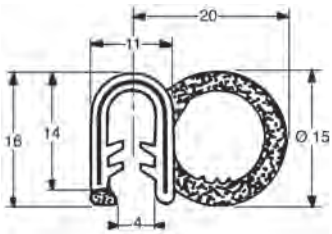
Tubulaire : E.P.D.M. cellulaire noir - Clip armé : E.P.D.M. noir.
Draught Excluder, Bulb : black closed cell E.P.D.M. - Carrier : black E.P.D.M.

Référence *Reference*	Longueur *Length*
1132588	50



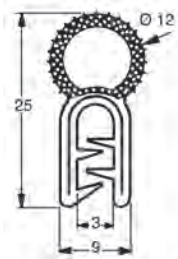
Tubulaire: E.P.D.M. cellulaire noir - Clips : E.P.D.M. noir.
Draught Excluder, Bulb : black closed cell E.P.D.M. - Carrier : black E.P.D.M.

Référence *Reference*	Longueur *Length*
1132596	50



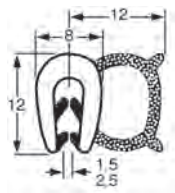
Tubulaire : E.P.D.M. cellulaire noir - Clip armé : E.P.D.M. noir.
Bulb : black closed cell E.P.D.M. - Armoured anchoring part : black E.P.D.M.

Référence *Reference*	Longueur *Length*
1132581	50



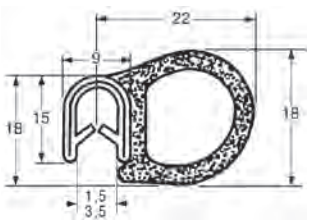
Tubulaire : E.P.D.M. cellulaire noir - Clip armé : E.P.D.M. noir.
Bulb : black closed cell E.P.D.M. - Armoured anchoring part : black E.P.D.M.

Référence *Reference*	Longueur *Length*
1132579	50



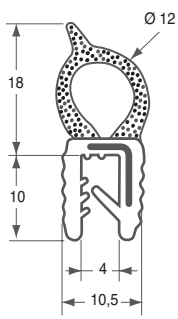
Tubulaire: E.P.D.M. cellulaire noir - Clips : E.P.D.M. noir.
Bulb : black closed cell E.P.D.M. - Anchoring part : black E.P.D.M.

Référence *Reference*	Longueur *Length*
1132583	100



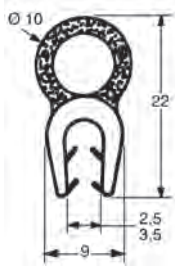
Tubulaire : E.P.D.M. cellulaire noir - Clip armé : E.P.D.M. noir.
Bulb : black closed cell E.P.D.M. - Armoured anchoring part : black E.P.D.M.

Référence *Reference*	Longueur *Length*
1132582	50



Tubulaire : E.P.D.M. cellulaire noir - Clip armé : E.P.D.M. noir.
Bulb : black closed cell E.P.D.M. - Armoured anchoring part : black E.P.D.M.

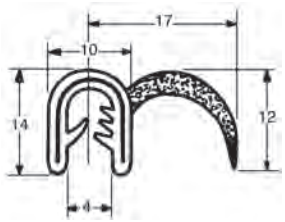
Référence *Reference*	Longueur *Length*
1132592	50



Tubulaire: E.P.D.M. cellulaire noir - Clips : E.P.D.M. noir.
Bulb: black closed cell E.P.D.M. - Anchoring part: black E.P.D.M.

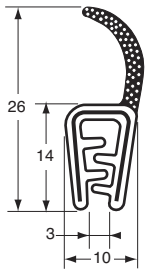
Référence *Reference*	Longueur *Length*
1132597	50

Joints clips / *Clip on seals*



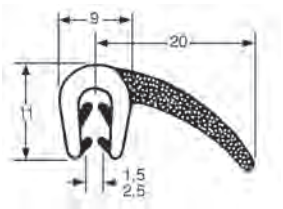
Languette : E.P.D.M. cellulaire noir - Clip armé : E.P.D.M. noir.
Draught Excluder, Fins : black closed cell E.P.D.M. - Carrier : black E.P.D.M.

Référence *Reference*	Longueur *Length*
1132585	50



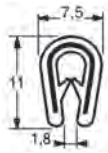
Languette : E.P.D.M. cellulaire noir - Clip armé : E.P.D.M. noir.
Lips : black closed cell E.P.D.M. - Armoured anchoring part : black E.P.D.M.

Référence *Reference*	Longueur *Length*
1132594	50



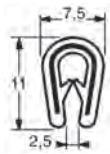
Languette : E.P.D.M. cellulaire noir - Clip : E.P.D.M. rigide et lèvres souples.
Draught Excluder, Fins : black closed cell E.P.D.M. - Carrier : black E.P.D.M.

Référence *Reference*	Longueur *Length*
1132586	50



Clips armé P.V.C. noir.
Edge trim, Black P.V.C.

Référence *Reference*	Longueur *Length*
1132590	50



Clips armé P.V.C. noir.
Black P.V.C. clips.

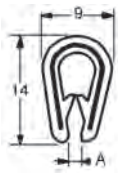
Référence *Reference*	Longueur *Length*
1132589	50

Clips : E.P.D.M. rigide et lèvres souples.
Edge trim, rigid E.P.D.M. and flexible lips.

Référence *Reference*	Longueur *Length*
1132575	100

Clips : E.P.D.M. rigide et lèvres souples.
Anchoring parts ; rigid E.P.D.M. and flexible lips.

Référence *Reference*	Longueur *Length*
1132576	50



Clips P.V.C.
Edge trim, P.V.C.

Référence *Reference*	A	Longueur *Length*	Couleur *Colour*
1132599 BL	3	50	Blanc *White*
1132599 GC	1,5-3	50	Gris *Grey*
1132599 NO	3	50	Noir *Black*

Cornières et finitions / *Corners and finishings*

Méplat aluminium brut.
Raw aluminium flat profiles.

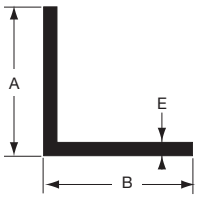
Référence *Reference*	A	E	Longueur *Length*
1503600	20	3	5000
3110214	25	2,5	5000

Méplat aluminium brut.
Raw aluminium flat profiles.

Référence *Reference*	A	Longueur *Length*
1503581	23	5000
1503582	27	5000

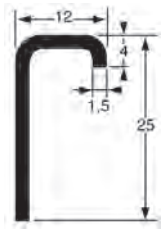
Méplat aluminium brut.
Raw aluminium flat profiles.

Référence *Reference*	Longueur *Length*
1503591	5000



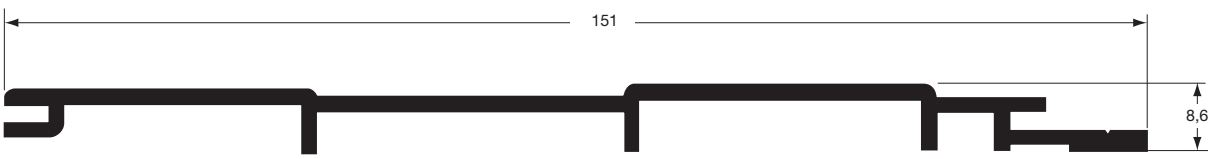
Profil en L, cornière aluminium brut.
L profiles, raw aluminium corners sections.

Référence *Reference*	A	B	E	Longueur *Length*
1503605	20	20	1,5	5000
1536080	30	30	2	5000
1536083	40	40	2,5	5200



Profil d'encadrement de baie aluminium brut.
Edging section.

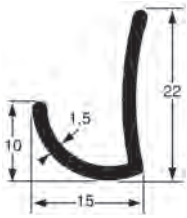
Référence *Reference*	Longueur *Length*
1503629	5000



Profil d'habillage aluminium brut, fabrication sur demande minimum 500 m.
Raw aluminium profil, available upon request, minimum order 500 m.

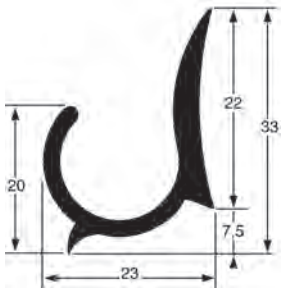
Référence *Reference*	Longueur *Length*
1636699	12

Gouttières / *Gutter*



Profil gouttière aluminium brut.
Gutter sections.

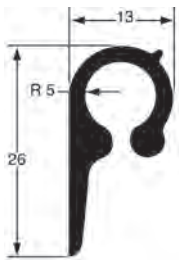
Référence *Reference*	Longueur *Length*
1503634	5000



Profil gouttière aluminium brut.
Gutter sections.

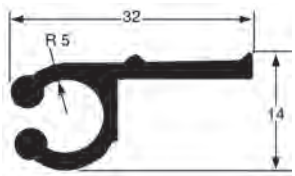
Référence *Reference*	Longueur *Length*
1503637	5000

Rails d'auvent / *Awning sections*



Profil rail d'auvent aluminium brut.
Awning profile.

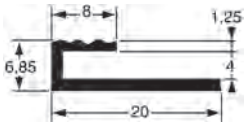
Référence *Reference*	Longueur *Length*
1637591	5000



Profil rail d'auvent aluminium brut.
Awning profile

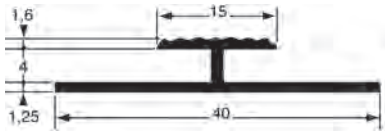
Référence *Reference*	Longueur *Length*
1637596	5000

Porte-panneaux / *Edging sections*



Profil porte-panneau aluminium poli.
Edging sections.

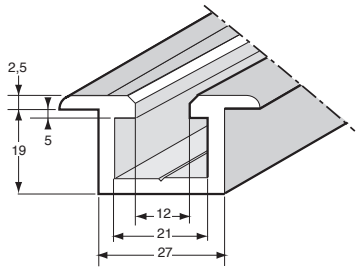
Référence *Reference*	Longueur *Length*
1635731	5000



Profil porte-panneau en H aluminium poli.
Edging sections.

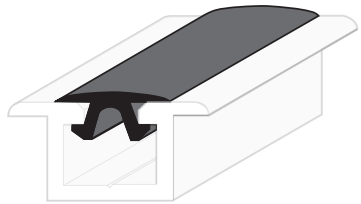
Référence *Reference*	Longueur *Length*
1635741	5000

Seuils, plinthes et encastrement au sol / *Doorstep, plinth and track profile*



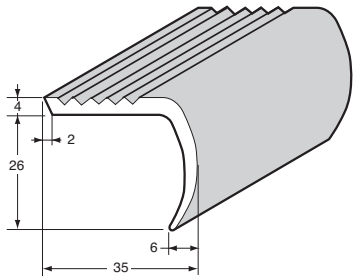
Profil rail aluminium brut sans galon.
Raw aluminium track profile without buffer.

Référence *Reference*	Longueur *Length*
1636729	5000



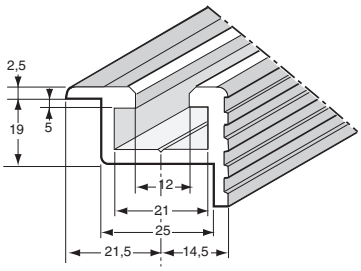
Galon P.V.C. noir.
Black P.V.C. buffer section.

Référence *Reference*	Longueur *Length*	Pour *For*
1636730	5000	1636729 1636733 1636739



Profil nez de marche, aluminium anodisé.
Anodized aluminium nose for step profile.

Référence *Reference*	Longueur *Length*
1636735AN	5000

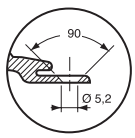


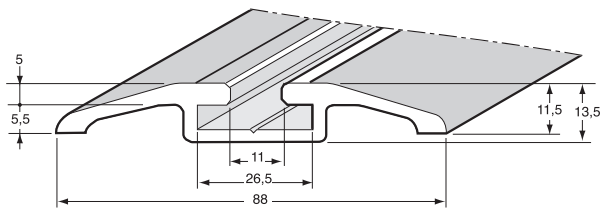
Profil rail aluminium brut sans galon.
Raw aluminium track profile without buffer.

Référence *Reference*	Longueur *Length*
1636733	5000

Vis tête carrée M8 x 20 classe 8.8 acier zingué.
Zinc plated steel grade 8.8 M8 screw.

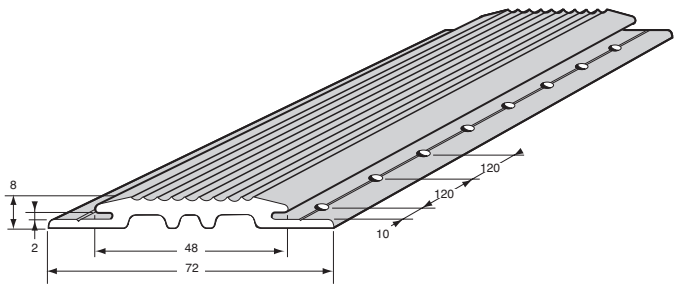
Référence *Reference*	Kg	Ø	Longueur *Length*	Pour *For*
1636733VI	0,018	8	25	1636729 1636733
1636741VI	0,018	8	20	1636729 1636733





Profil rail aluminium anodisé sans galon.
Anodized aluminium track profile without buffer.

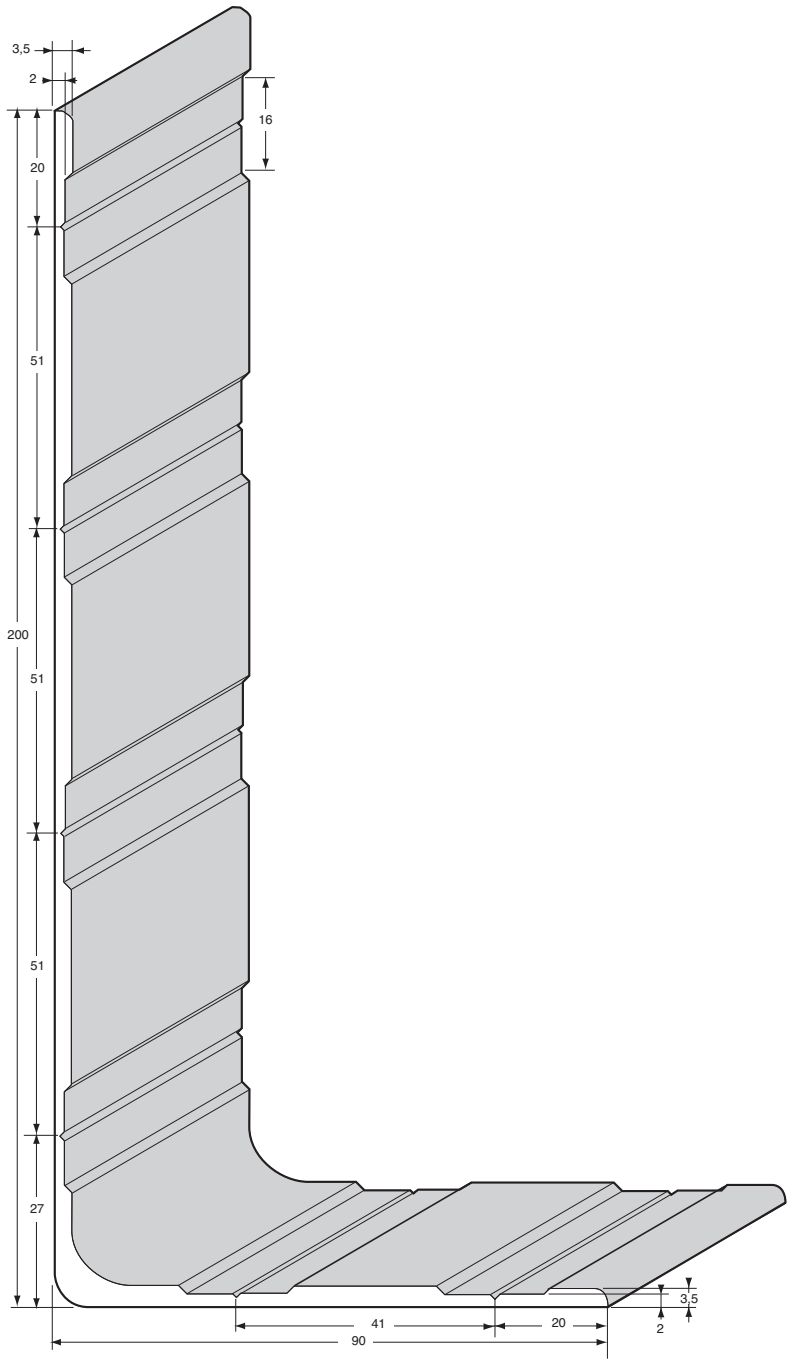
Référence *Reference*	Longueur *Length*
1636739	5000



Profil de seuil, aluminium brut, percé.
Raw aluminium threshhold profile, with holes.

Référence *Reference*	Longueur *Length*
1636717	2470

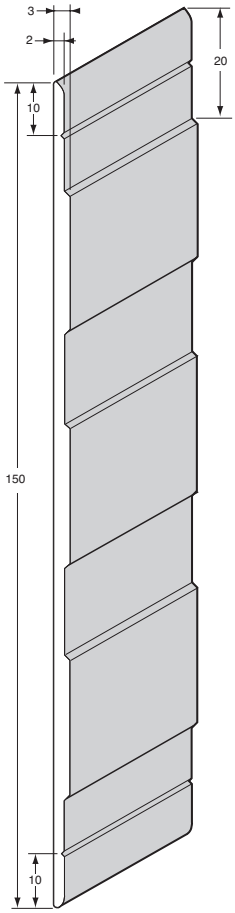
Seuils, plinthes et encastrement au sol / *Doorstep, plinth and track profile*



Profil plinthe en équerre aluminium brut.
Mill finish aluminium wall protection profiles.

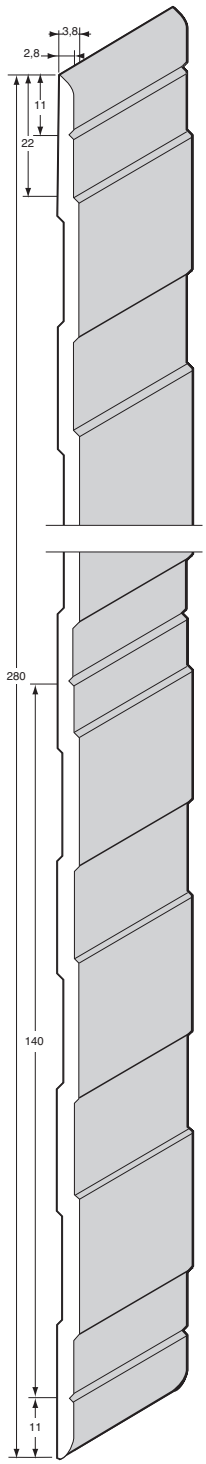
Référence *Reference*	Longueur *Length*
1636722	5000

Seuils, plinthes et encastrement au sol / *Doorstep, plinth and track profile*



Profil de plinthe aluminium brut.
Mill finish aluminium wall protection profiles.

Référence *Reference*	Longueur *Length*
1636716	5000



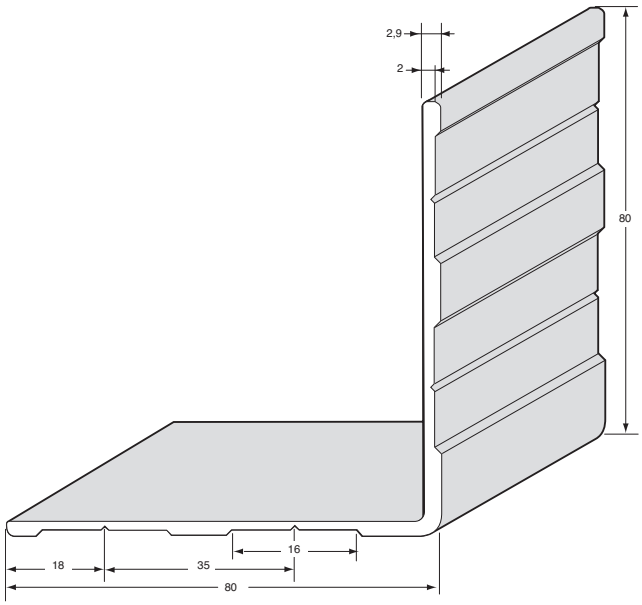
Profil de plinthe aluminium brut.
Mill finish aluminium wall protection profiles.

Référence *Reference*	Longueur *Length*
1636740	5000

Profils fourgons et accessoires / *Van profiles and accessories*

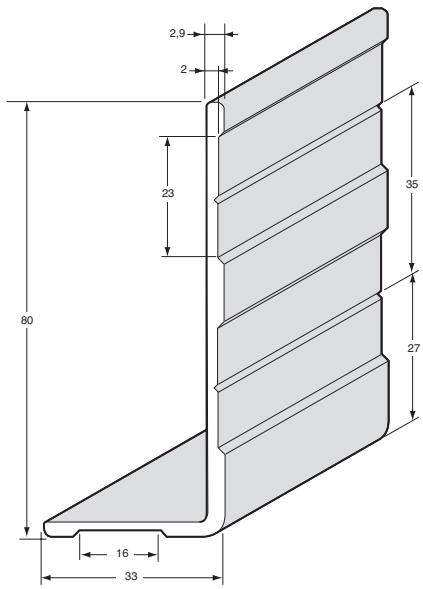
Profil d'angle aluminium anodisé.
Anodized aluminium capping profile.

Référence *Reference*	Longueur *Length*
1636711AN	5000



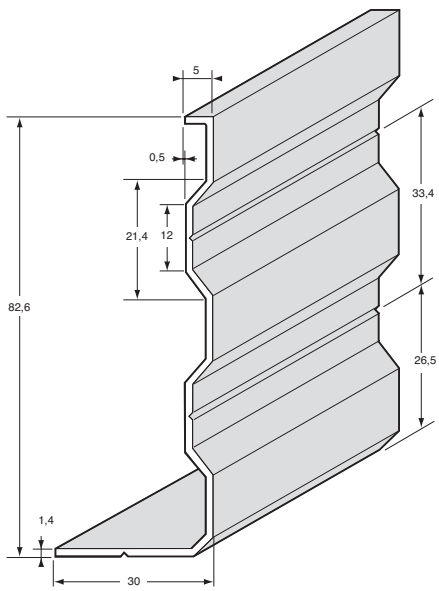
Profil d'angle aluminium anodisé.
Anodized aluminium capping profile.

Référence *Reference*	Longueur *Length*
1636738	7000

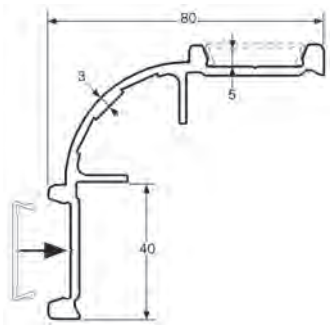


Profil d'angle aluminium.
Aluminium capping profile

Référence *Reference*	Longueur *Length*
1636715	5000

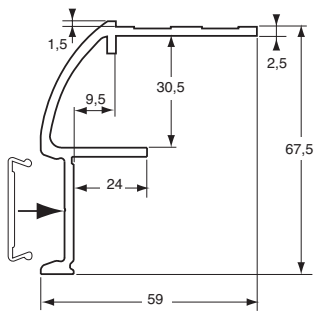


Profils fourgons et accessoires / *Van profiles and accessories*



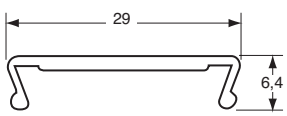
Profil d'angle, aluminium anodisé.
Corner profile, anodized aluminium.

Référence *Reference*	Longueur *Length*
3110343	2600
3110343A	3000



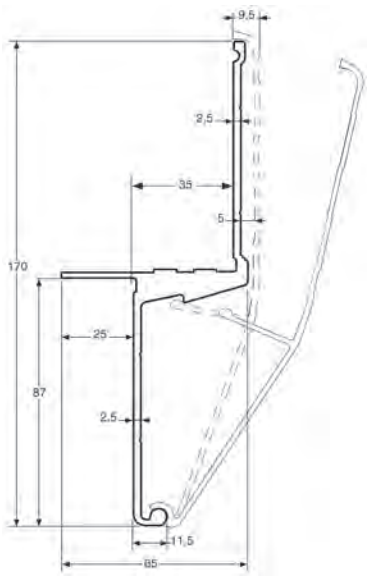
Profil de toit aluminium anodisé.
Roof profile, anodized aluminium.

Référence *Reference*	Longueur *Length*
3110345	7500
3110345A	5000



Profil de finition à cliper, aluminium anodisé.
Corner finishing profile to be clipped, anodized aluminium.

Référence *Reference*	Longueur *Length*
3110344	2650
3110344A	3000

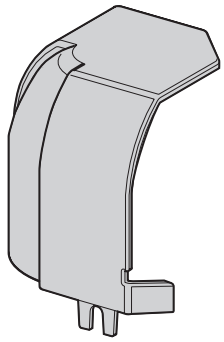


Profil de rive, aluminium brut.
Side profile, self colour aluminium.

Référence *Reference*	Longueur *Length*
3110340	7500
3110340A	5000

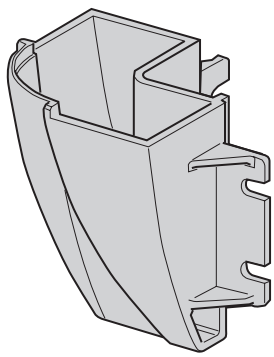
Profil de finition de rive à cliper, aluminium anodisé.
Side finishing profile to be clipped, anodized aluminium.

Référence *Reference*	Longueur *Length*
3110341	7500
3110341A	5000



Coin supérieur en composite gris.
Upper corner piece, grey composite.

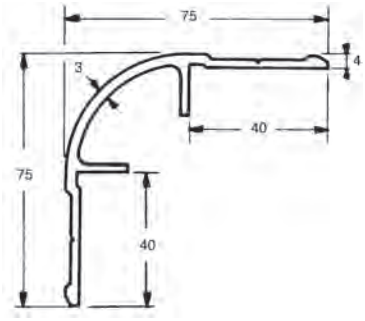
Référence *Reference*	Kg	Pour *For*
3110348	0,07	3110343 3110343A



Coin inférieur en composite gris.
Lower corner piece, grey composite.

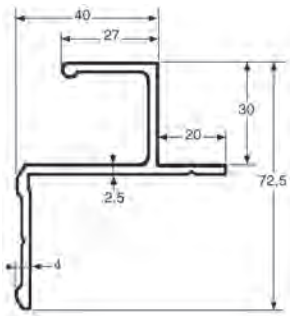
Référence *Reference*	Kg	Pour *For*
3110342	0,1	3110343 3110343A

Profils fourgons et accessoires / *Van profiles and accessories*



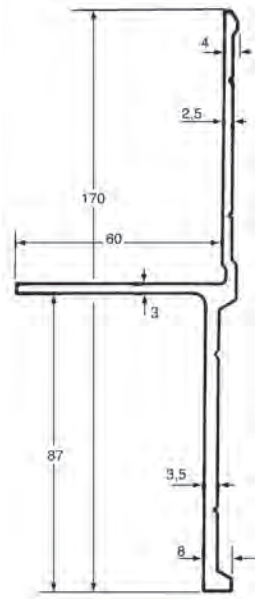
Profil d'angle.
Corner profile.

Référence *Reference*	Longueur *Length*	Finition *Finish*
3110217	5200	Brut *Raw*
3110217AN	5200	Anodisé (e) *Anodized*



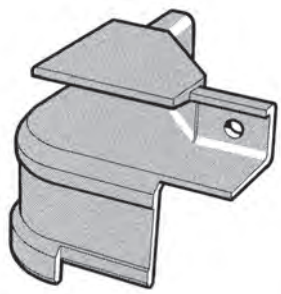
Profil de toit aluminium.
Aluminium roof profile.

Référence *Reference*	Longueur *Length*	Finition *Finish*
3110218	7500	Brut *Raw*
3110218AN	7500	Anodisé (e) *Anodized*



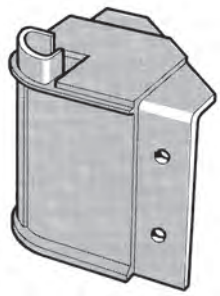
Profil de rive aluminium.
Aluminium side profile.

Référence *Reference*	Longueur *Length*	Finition *Finish*
3110216	7500	Brut *Raw*
3110216AN	7500	Anodisé (e) *Anodized*



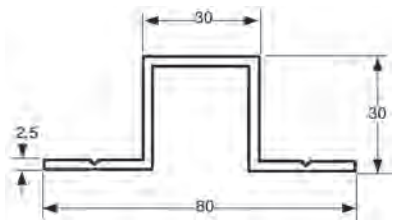
Coin supérieur, aluminium brut.
Upper corner piece, self colour aluminium.

Référence *Reference*	Kg	Pour *For*
3110222	0,232	3110217 3110217AN



Coin inférieur, aluminium brut.
Lower corner piece, self colour aluminium.

Référence *Reference*	Kg	Pour *For*
3110221	0,268	3110217 3110217AN

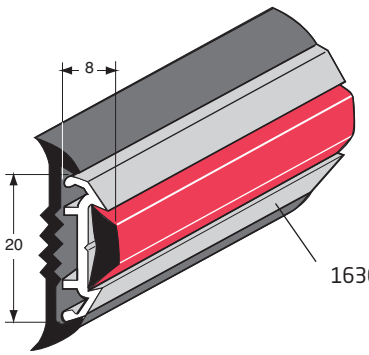


Oméga aluminium brut.
Self colour aluminium omega profile.

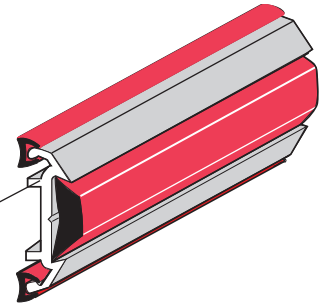
Référence *Reference*	Longueur *Length*	Pour *For*
3110220	5000	3110218 3110218AN 3110345 3110345A

Profils décoratifs et de protection / *Protective and decorative profiles*

Il n'existe pas d'arrêt pour ce profil.
No end finisher for this profile.

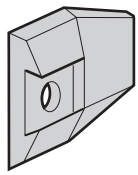


1636667AN

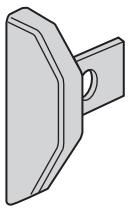


Avec semelle caoutchouc noir 1636495 et galon P.V.C. 1636795.
With black rubber sole 1636495 and P.V.C. buffer section 1636795.

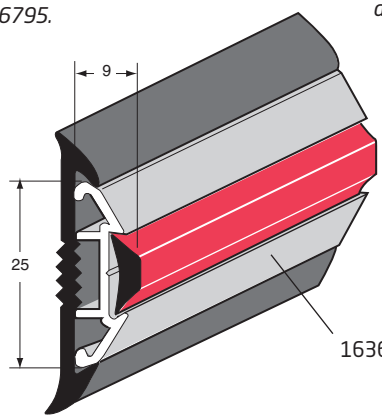
Avec liseré P.V.C. 1636522 et galon P.V.C. 1636795.
With P.V.C. edge seal 1636522 and P.V.C. buffer section 1636795.



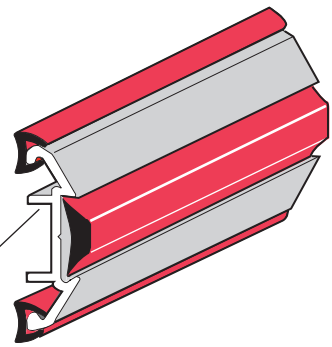
1636667EA
Embout aluminium anodisé.
Anodized aluminium end cap.



1636660AR
Arrêt aluminium anodisé.
Anodized aluminium end finisher.

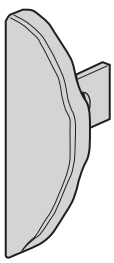


1636660AN

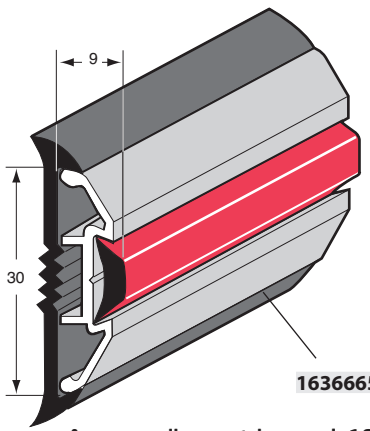


Avec semelle caoutchouc noir 1636492 et galon P.V.C. 1636795.
With black rubber sole 1636492 and P.V.C. buffer section 1636795.

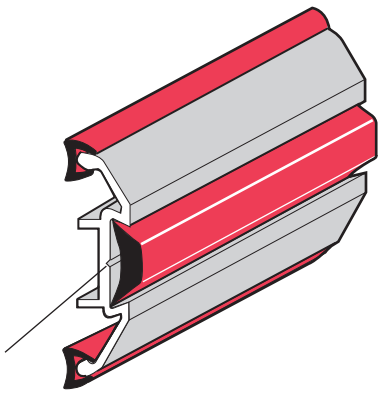
Avec liseré P.V.C. 1636522 et galon P.V.C. 1636795.
With P.V.C. edge seal 1636522 and P.V.C. buffer section 1636795.



1636665AR
Arrêt aluminium anodisé.
Anodized aluminium end finisher.



1636665AN



Avec semelle caoutchouc noir 1636494 et galon P.V.C. 1636795.
With black rubber sole 1636494 and P.V.C. buffer section 1636795.

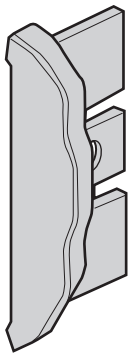
Avec liseré P.V.C. 1636522 et galon P.V.C. 1636795.
With P.V.C. edge seal 1636522 and P.V.C. buffer section 1636795.

Les profils aluminium sont stockés en barre de 5 m.
These aluminium profiles are stocked in 5 m length.

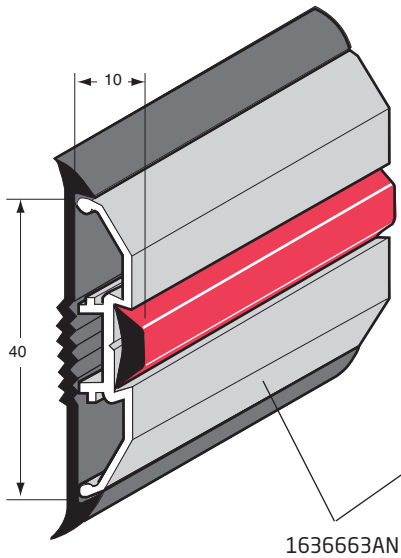
Veuillez nous indiquer référence et coloris des galons et liserés choisis.
Please can you indicate number and colour of the rubber section and edge seal.

Coloris disponibles *Available colours*	Rouge *Red* **RO**	Noir *Black* **NO**	Bleu *Blue* **BL**
Liseré 1636522 *Edge seal 1636522*	X	X	-
Galon 1636795 *Buffer section 1636795*	X	X	-

Profils décoratifs et de protection / *Protective and decorative profiles*

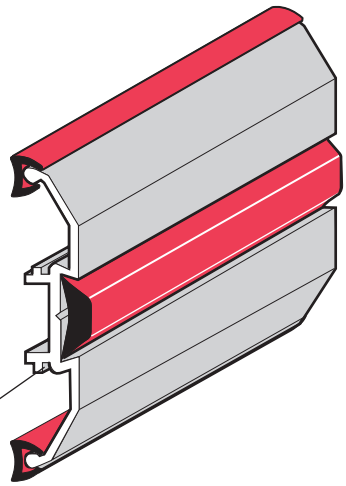


1636663AR
Arrêt aluminium anodisé.
Anodized aluminium end finisher.



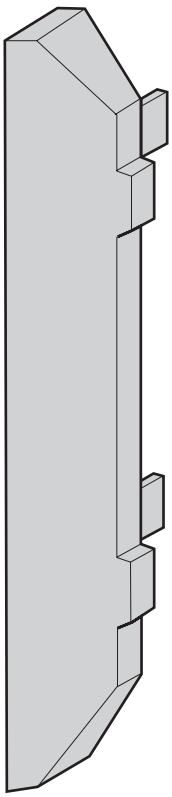
1636663AN

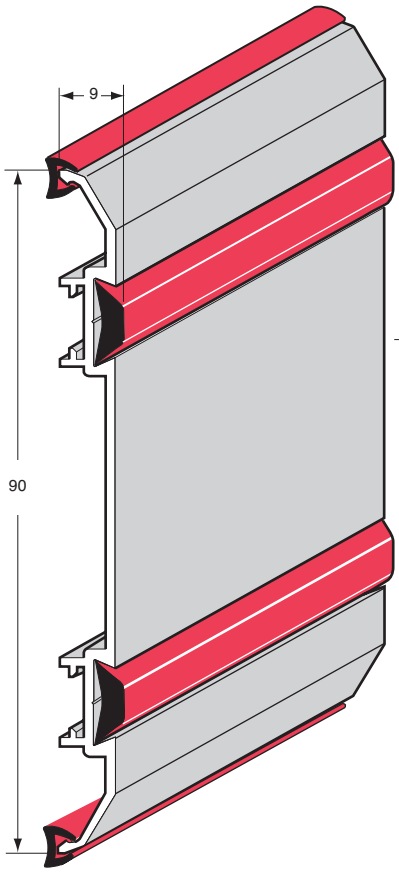
Avec semelle caoutchouc noir 1636497 et galon P.V.C. 1636795.
With black rubber sole 1636497 and P.V.C. buffer section 1636795.



Avec liseré P.V.C. 1636522 et galon P.V.C. 1636795.
With P.V.C. edge seal 1636522 and P.V.C. buffer section 1636795.

1636780AR
Arrêt polyamide couleur anodisé.
Polyamide end finisher anodized colour.





Il n'existe pas d'embout pour ce profil.
No end cap for this profile.

1636780AN

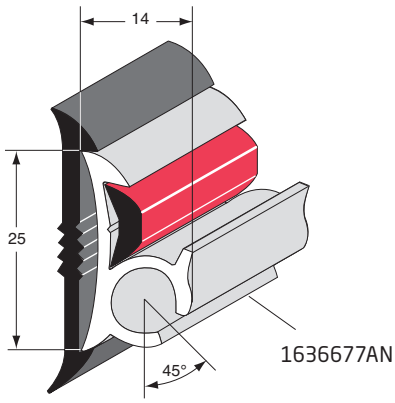
Avec liseré P.V.C. 1636522 et galon P.V.C. 1636795.
With P.V.C. edge seal 1636522 and P.V.C. buffer section 1636795.

Les profils aluminium sont stockés en barre de 5 m.
These aluminium profiles are stocked in 5 m length.

Veuillez nous indiquer référence et coloris des galons et liserés choisis.
Please can you indicate number and colour of the rubber section and edge seal.

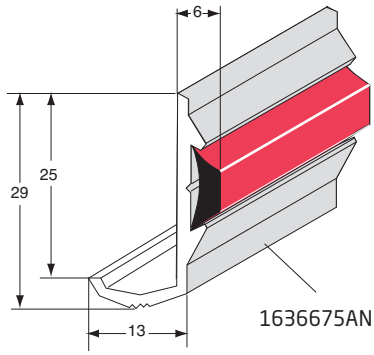
Coloris disponibles *Available colours*	Rouge *Red* **RO**	Noir *Black* **NO**
Liseré 1636522 *Edge seal 1636522*	X	X
Galon 1636795 *Buffer section 1636795*	X	X

Profils décoratifs et de protection / *Protective and decorative profiles*



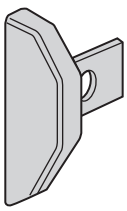
1636677AN

Avec semelle caoutchouc noir 1636492 et galon P.V.C. 1636795.
With black rubber sole 1636492 and P.V.C. buffer section 1636795.

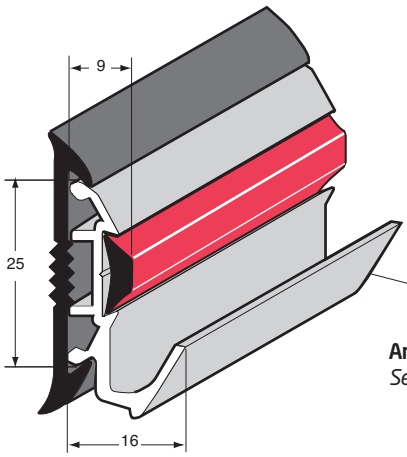


1636675AN

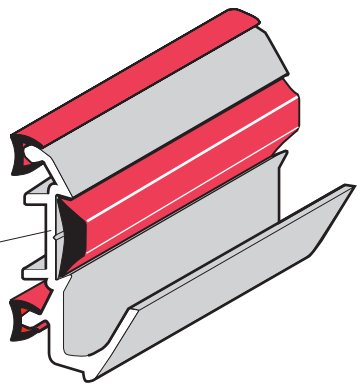
Galon P.V.C. 1636795.
P.V.C. buffer section 1636795.



1636660AR
Arrêt aluminium anodisé.
Anodized aluminium end finisher.



Avec semelle caoutchouc noir 1636492 et galon P.V.C. 1636795.
With black rubber sole 1636492 and P.V.C. buffer section 1636795.



1636662AN
Anodisé incolore.
Self colour anodized.

Avec liseré P.V.C. 1636522 et galon P.V.C. 1636795.
With P.V.C. edge seal 1636522 and P.V.C. buffer section 1636795.

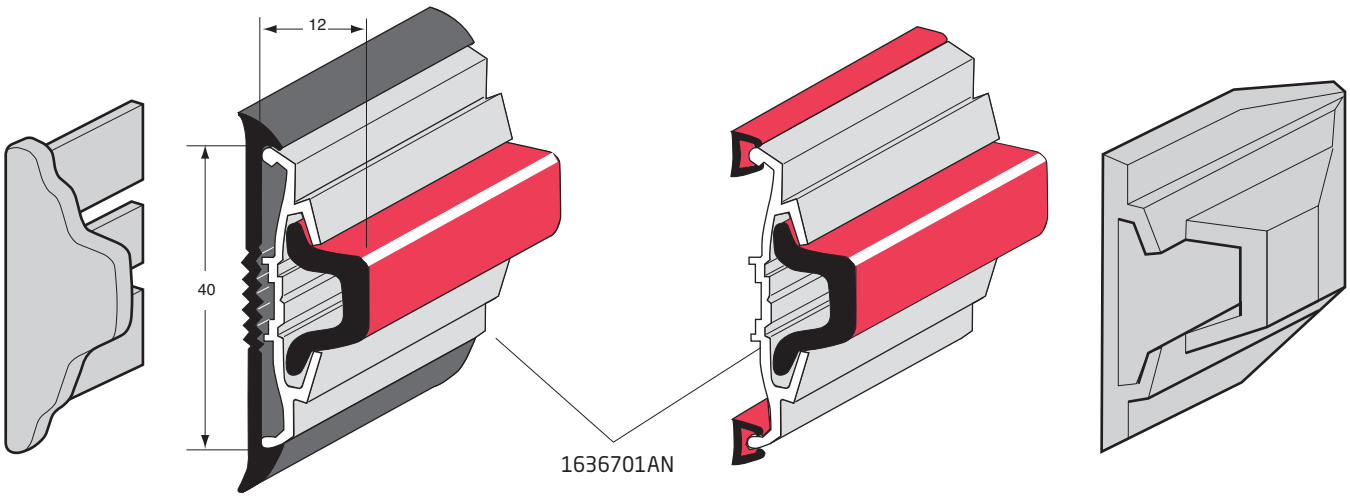
Les profils aluminium sont stockés en barre de 5 m.
These aluminium profiles are stocked in 5 m length.

Veuillez nous indiquer référence et coloris des galons et liserés choisis.
Please can you indicate number and colour of the rubber section and edge seal.

Coloris disponibles *Available colours*	Rouge *Red* **RO**	Noir *Black* **NO**
Liseré 1636522 *Edge seal 1636522*	X	X
Galon 1636795 *Buffer section 1636795*	X	X

Profils décoratifs et de protection / *Protective and decorative profiles*

Les profils aluminium sont stockés en barre de 5 m.
These aluminium profiles are stocked in 5 m length.



1636701AR
Arrêt aluminium anodisé.
Anodized aluminium end finisher.

Avec semelle caoutchouc noir 1636497 et galon P.V.C. 1636793.
With black rubber sole 1636497 and P.V.C. buffer section 1636793.

Avec liseré P.V.C. 1636522 et galon P.V.C. 1636793.
With P.V.C. edge seal 1636522 and P.V.C. buffer section 1636793.

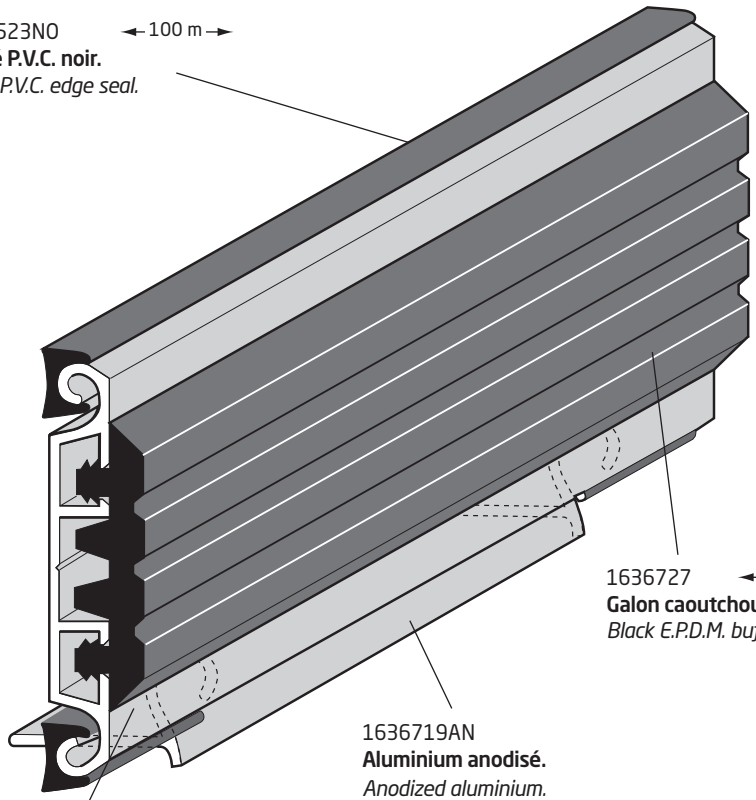
1636701EA
Embout aluminium anodisé.
Anodized aluminium end cap.

Veuillez nous indiquer référence et coloris des galons et liserés choisis.
Please can you indicate number and colour of the rubber section and edge seal.

Coloris disponibles *Available colours*	Rouge *Red* **RO**	Noir *Black* **NO**
Galon 1636791 *Buffer section 1636791*	-	X
Galon 1636793 *Buffer section 1636793*	X	X
Liseré 1636522 *Edge seal 1636522*	X	X

Profils décoratifs et de protection / *Protective and decorative profiles*

1636523NO ← 100 m →
Liseré P.V.C. noir.
Black P.V.C. edge seal.



1636727 ← 25 m →
Galon caoutchouc E.P.D. M. noir.
Black E.P.D.M. buffer section.

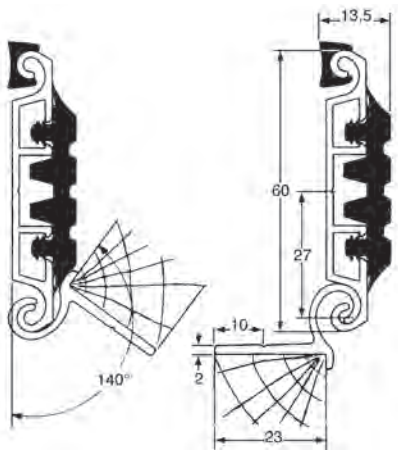
1636719AN
Aluminium anodisé.
Anodized aluminium.

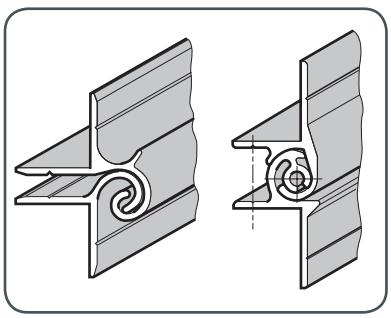
1636719NO
Aluminium anodisé noir mat.
Black anodized aluminium.

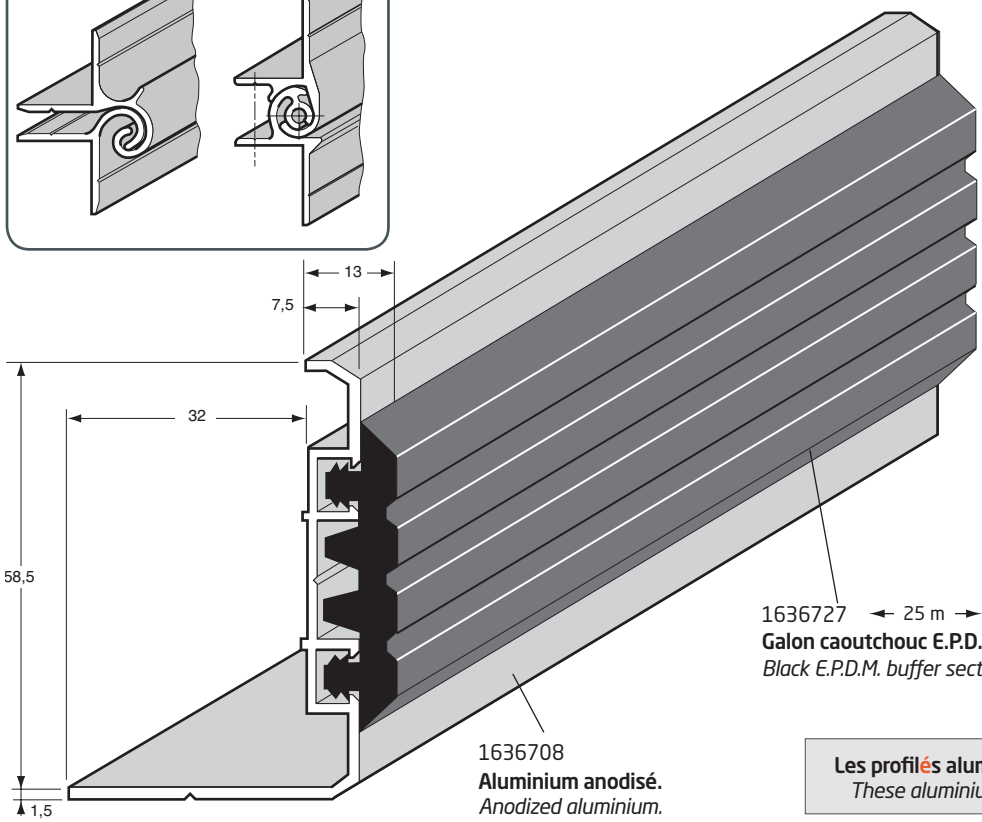
1636725AN
Aluminium anodisé.
Anodized aluminium.

1636725NO
Aluminium anodisé noir mat.
Anodized aluminium hinge.

1636725AR
Arrêt en nylon noir.
Black nylon end finisher.







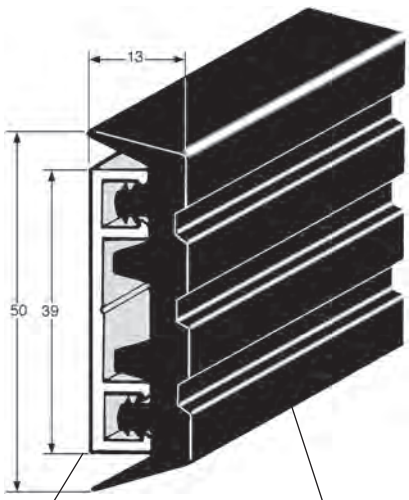
1636727 ← 25 m →
Galon caoutchouc E.P.D. M. noir.
Black E.P.D.M. buffer section.

1636708
Aluminium anodisé.
Anodized aluminium.

1636725AR
Arrêt en nylon noir.
Black nylon end finisher.

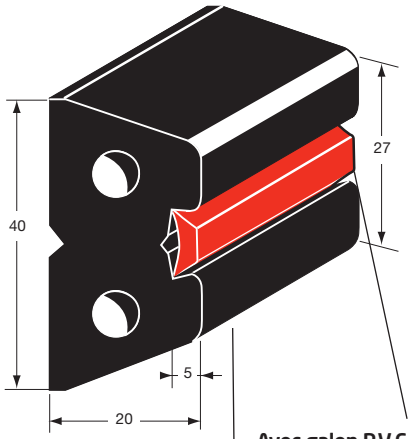
Les profilés aluminium sont stockés en barre de 5 m.
These aluminium profiles are stocked in 5 m length.

Profils décoratifs et de protection / *Protective and decorative profiles*



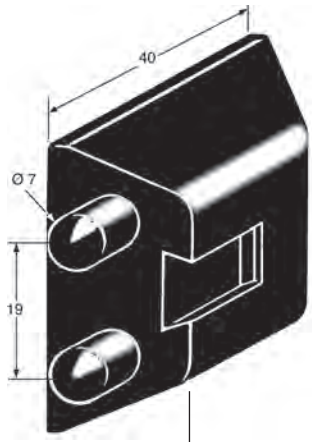
1636723BR ◄ 5 m ►
Aluminium brut.
Raw aluminium.

1636726 ◄ 20 m ►
Galon E.P.D.M. noir.
Black E.P.D.M. buffer section.

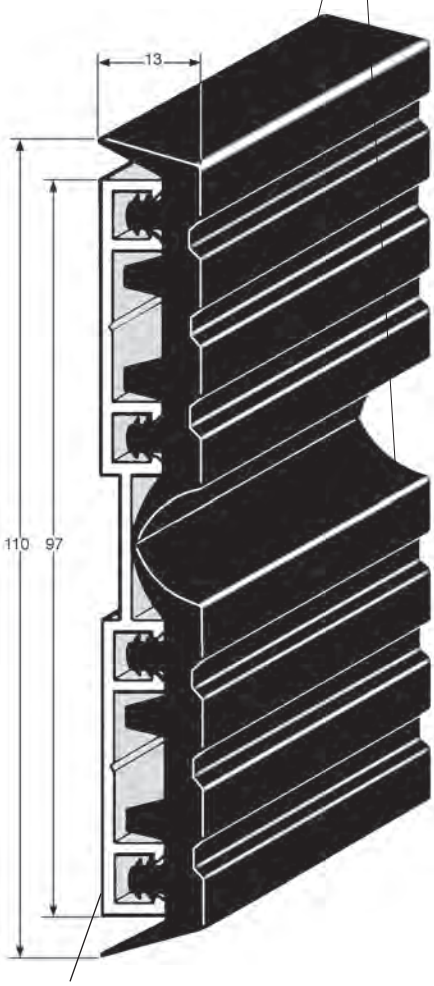


Avec galon P.V.C. 1636795.
With P.V.C. buffer section 1636795.

1636736 ◄ 5 m ►
Profil de protection semi-rigide noir.
Semi-rigid black P.V.C. profile.



1636736E
Embout plastique noir.
Black plastic end cap.

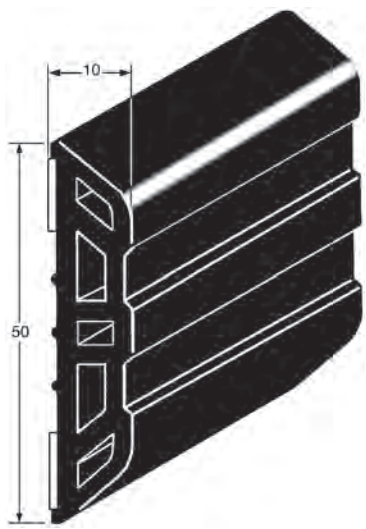


1636724BR ◄ 5 m ►
Aluminium brut.
Raw aluminium.

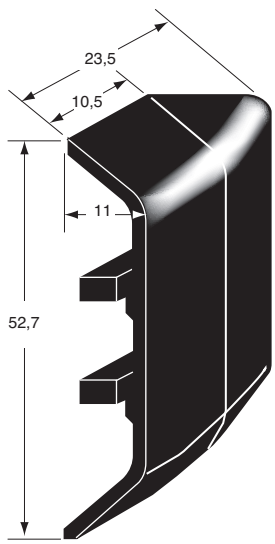
1636724AR
Arrêt en nylon noir.
Black nylon end finisher.

Veuillez nous indiquer référence et coloris des galons et liserés choisis.
Please can you indicate number and colour of the rubber section and edge seal.

Coloris disponibles *Available colours*	Rouge *Red* **RO**	Noir *Black* **NO**
Galon 1636795 *Buffer section 1636795*	X	X



P.V.C. semi-rigide noir adhésif.
Adhesive semi-rigid black P.V.C. profile.
1636737 ◄ 10 m ►
1636751 ◄ 25 m ►

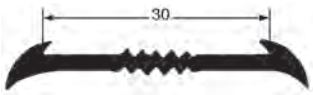


1636737E
Embout en A.B.S. noir adhésivé.
Black A.B.S. adhesive end cap.

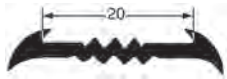
Profils décoratifs et de protection / *Protective and decorative profiles*

Semelles caoutchouc en couronnes de 25 m
Rubber soles in coils of 25 m

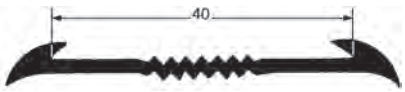
1636492



1636494

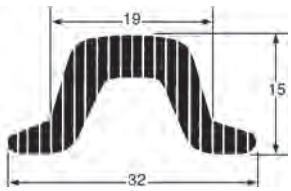


1636495



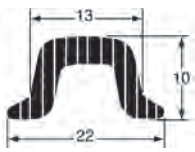
1636497

Galons P.V.C.
P.V.C. buffer sections



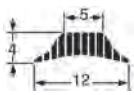
◄ 5 m ►

Référence *Reference*	Coloris *Colour*
1636791NO	Noir - *Black*



◄ 10 m ►

Référence *Reference*	Coloris *Colour*
1636793RO	Rouge - *Red*
1636793NO	Noir - *Black*



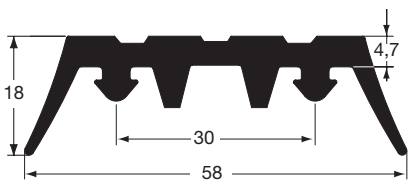
◄ 100 m ►

Référence *Reference*	Coloris *Colour*
1636795RO	Rouge - *Red*
1636795NO	Noir - *Black*

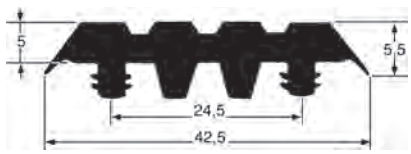
◄ 100 m ►

Référence *Reference*	Coloris *Colour*
1636798GR	Gris - *Grey*

Galons caoutchouc
Rubber buffer sections

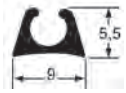


1636726 ◄ 20 m ►

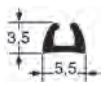


1636727 25 m ►

Lisères P.V.C.
P.V.C. edge



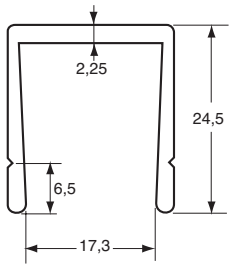
1636523NO ◄ 100 m ►
Coloris noir.
Black colour.



◄ 100 m ►

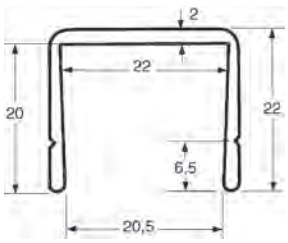
Référence *Reference*	Coloris *Colour*
1636522RO	Rouge - *Red*
1636522NO	Noir - *Black*

Encadrements et battues / *Frames*



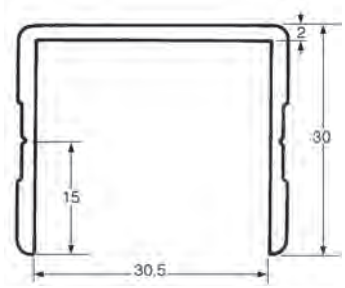
Profil d'encadrement, aluminium brut.
Self colour aluminium profile.

Référence *Reference*	Longueur *Length*
3110203	5000



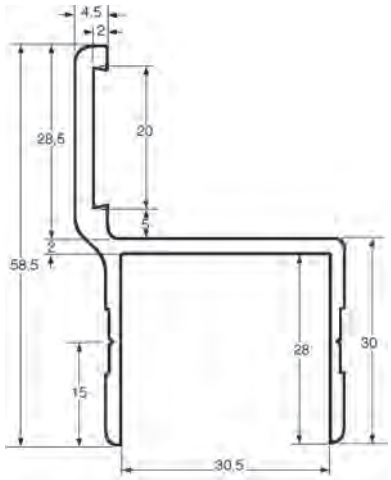
Profil d'encadrement, aluminium brut.
Self colour aluminium profile.

Référence *Reference*	Longueur *Length*
3110201	5000



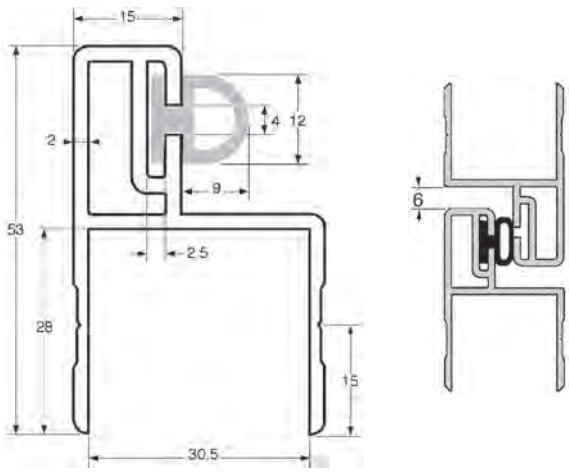
Profil d'encadrement, aluminium brut.
Self colour aluminium profile.

Référence *Reference*	Longueur *Length*
3110207	5000



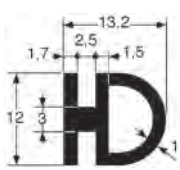
Profil d'encadrement avec battue, aluminium anodisé.
Anodized aluminium profile.

Référence *Reference*	Longueur *Length*
3110206AN	5000



Profil d'encadrement avec battue, aluminium anodisé.
Anodized aluminium profile.

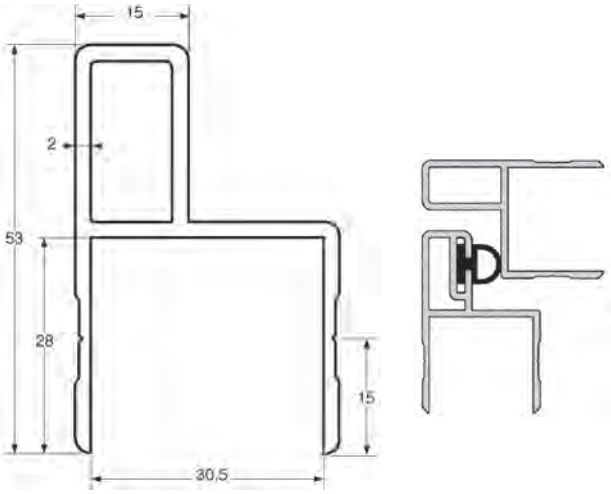
Référence *Reference*	Longueur *Length*
3110208AN	5000



Joint EPDM noir.
Black EPDM seal.

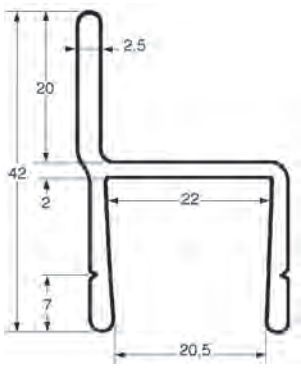
Référence *Reference*	Longueur *Length*
1232557	25000

Encadrements et battues / *Frames*



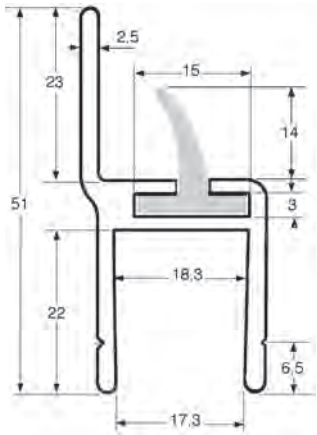
Profil d'encadrement avec battue, aluminium anodisé.
Anodized aluminium profile.

Référence *Reference*	Longueur *Length*
3110209AN	5000



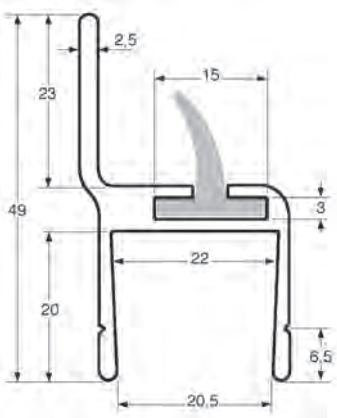
Profil d'encadrement avec battue, aluminium brut.
Self colour aluminium profile.

Référence *Reference*	Longueur *Length*
3110205	5000



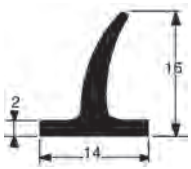
Profil d'encadrement avec battue, aluminium brut.
Self colour aluminium profile.

Référence *Reference*	Longueur *Length*
3110202	5000



Profil d'encadrement avec battue, aluminium brut.
Self colour aluminium profile.

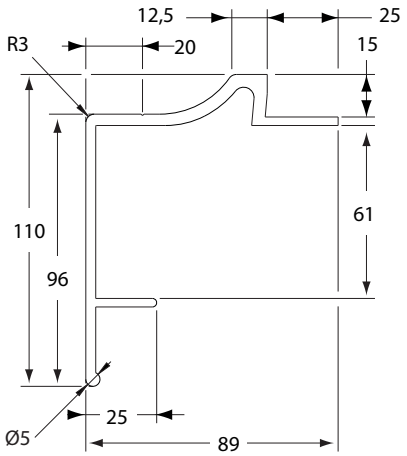
Référence *Reference*	Longueur *Length*
3110200	5000

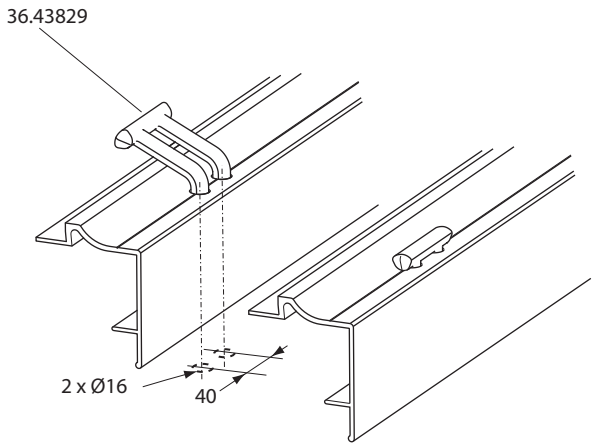


Joint E.P.D.M. noir
Black E.P.D.M.

Référence *Reference*	Longueur *Length*
1232543	25

Bord de rive et plancher / *Side rave and floor profiles*

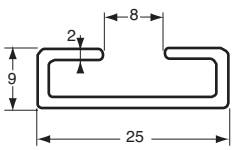




Profil bord de rive ALU brut.
Side rave profil, raw aluminium.

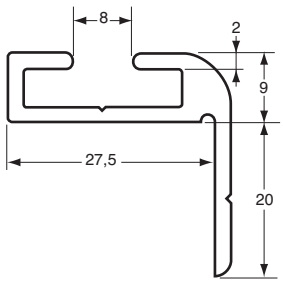
Référence *Reference*	Kg	Longueur *Length*
3110510	2,25	5000

Profils pour joints de hayons / *Aluminium profil for tail*



Profil aluminium brut.
Self colour aluminium profil.

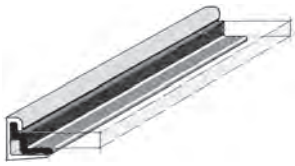
Référence *Reference*	Longueur *Length*	Pour *For*
1637597	4	1232560 1203173 1203174 1232554

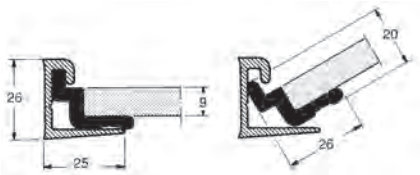


Profil aluminium brut.
Self colour aluminium profil.

Référence *Reference*	Longueur *Length*	Pour *For*
1637598	4	1232560 1203173 1203174 1232554

Équipement intérieur pour bus et cabines / *Indoor equipment for buses and cabins*





Profilé P.V.C. noir.
Black P.V.C. profile.

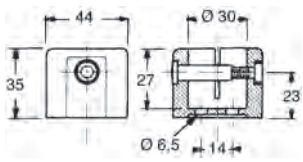
Référence *Reference*	Longueur *Length*
3037610	5400

Tube aluminium anodisé Ø 30 mm, épaisseur 2 mm.
Anodized aluminium tube Ø 30 mm, thickness 2 mm.

Référence *Reference*	Ø	Longueur *Length*
3004108	30	5000

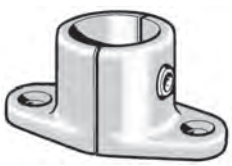
Tube aluminium poli.
Polished aluminium tube.

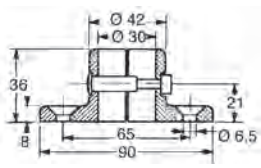
Référence *Reference*	Ø	Longueur *Length*
3004645Y	18	6000



Embout, aluminium époxy gris foncé.
Dark grey epoxy aluminium end bracket.

Référence *Reference*	Kg
3004101	0,089

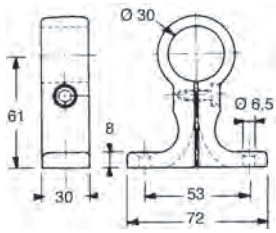




Embout à embase, aluminium époxy gris foncé.
Dark grey epoxy aluminium end bracket.

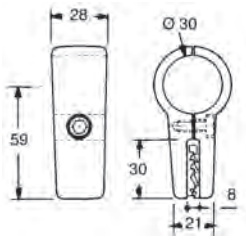
Référence *Reference*	Kg
3004106	0,093

Équipement intérieur pour bus et cabines / *Indoor equipment for buses and cabins*



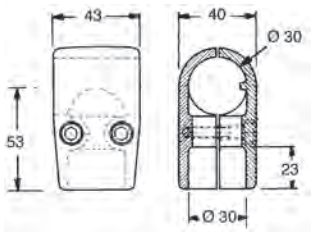
Support, aluminium époxy gris foncé.
Dark grey epoxy aluminium bracket.

Référence *Reference*	Kg
3004105	0,09



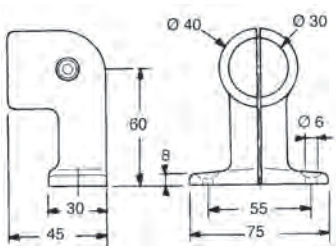
Support à pince simple, aluminium époxy gris foncé.
Dark grey epoxy aluminium bracket (simple).

Référence *Reference*	Kg
3004103	0,092



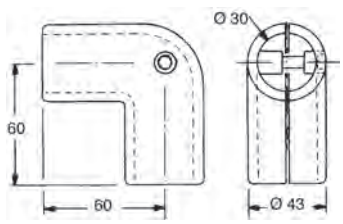
Support en T, aluminium époxy gris foncé.
Dark grey epoxy aluminium T bracket.

Référence *Reference*	Kg
3004102	0,145



Support borgne, aluminium époxy gris foncé.
Dark grey epoxy aluminium blind bracket.

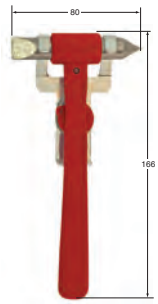
Référence *Reference*	Kg
3004112	0,15



Coude à 90°, aluminium époxy gris foncé.
Dark grey epoxy aluminium, 90° angle bracket.

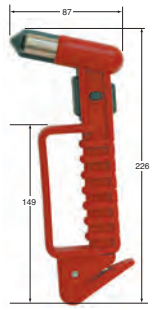
Référence *Reference*	Kg
3004111	0,176

Équipement intérieur pour bus et cabines / *Indoor equipment for buses and cabins*



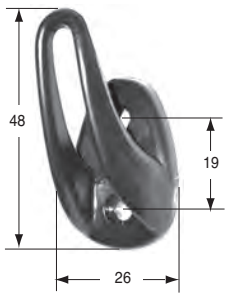
Marteau brise-vitres antivol.
Thief-proof glass-breaking hammer.

Référence *Reference*	Kg
3004099	0,145



Marteau brise-vitres, avec coupe ceinture.
Glass-breaking hammer, with belt cutter.

Référence *Reference*	Kg
3004097	0,26



Paterre plastique noir.
Black plastic hook.

Référence *Reference*	Kg
3004075	0,007

Rétroviseurs et supports / *Mirrors and arms*

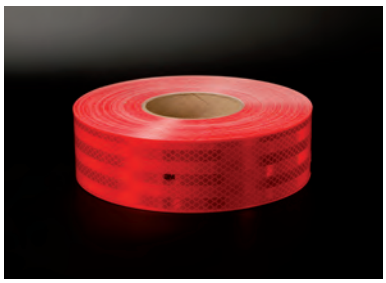
Support de rétroviseur en tube acier peint, embase en aluminium.
Painted steel tube mirror arm, aluminium support.

Référence *Reference*	Kg	Côté *Hand*
3809053DR	1,38	Droit (e) *Right*
3809053GA	0,95	Gauche *Left*

Tête de rétroviseur en matière plastique, glace bombée.
Plastic mirror-head, convex glass.

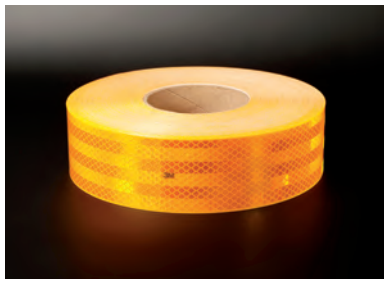
Référence *Reference*	Kg	Largeur *Width*	Hauteur *Height*
3805357	1,1	177	357

Bande de balisage pour carrosserie rigide / *Strip markers for rigid body*



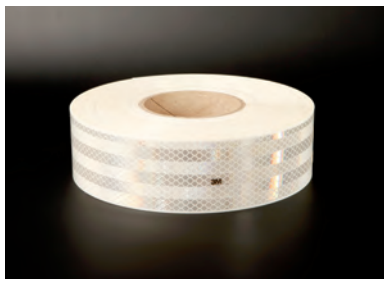
Ligne de sécurité ECE 104, rouge, auto-adhésive pour balisage des véhicules de plus de 6 m et plus de 3.5 tonnes. 1 carton de 1 rouleau de bande.
Red self adhesive security line ECE 104 for marker for vehicle more than 6 m length and 3,5 tons, 1 coil per box.

Référence *Reference*	Kg	Largeur *Width*	Classe *Grade*	Couleur *Colour*
3805109	1,7	55	DG	Rouge *Red*



Ligne de sécurité ECE 104, jaune, auto-adhésive pour balisage des véhicules de plus de 6 m et plus de 3.5 tonnes. 1 carton de 1 rouleau de bande.
Yellow self adhesive security line ECE 104 for marker for vehicle more than 6 m length and 3,5 tons, 1coil per box.

Référence *Reference*	Kg	Largeur *Width*	Classe *Grade*	Couleur *Colour*
3805106	1,7	55	DG	Jaune *Yellow*



Ligne de sécurité ECE 104, blanc, auto-adhésive pour balisage des véhicules de plus de 6 m et plus de 3.5 tonnes. 1 carton de 1 rouleau de bande.
White self adhesive security line ECE 104 for marker for vehicle more than 6 m length and 3,5 tons, 1 coil per box.

Référence *Reference*	Kg	Largeur *Width*	Classe *Grade*	Couleur *Colour*
3805105	1,7	55	DG	Blanc *White*

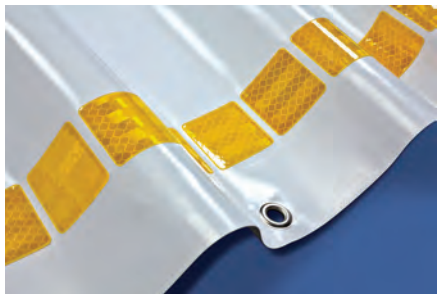
Bande de balisage pour véhicules bachés / *Strip markers for curtainsider vehicles*

Ligne de sécurité ECE 104, blanc, auto-adhésive pour balisage des véhicules de plus de 6 m et plus de 3.5 tonnes. 1 carton de 1 rouleau de bande, pour bâche.
White self adhesive security line ECE 104 for marker for vehicle more than 6 m length and 3,5 tons, 1 coil per box, for tarpaulin.

Référence *Reference*	Kg	Largeur *Width*	Classe *Grade*	Couleur *Colour*
3805107	1,7	51	DG	Blanc *White*

Ligne de sécurité ECE 104, rouge, auto-adhésive pour balisage des véhicules de plus de 6 m et plus de 3.5 tonnes. 1 carton de 1 rouleau de bande, pour bâche.
Red self adhesive security line ECE 104 for marker for vehicle more than 6 m length and 3,5 tons, 1 coil per box, for tarpaulin.

Référence *Reference*	Kg	Largeur *Width*	Classe *Grade*	Couleur *Colour*
3805112	1,7	51	DG	Rouge *Red*



Ligne de sécurité ECE 104, jaune, auto-adhésive pour balisage des véhicules de plus de 6 m et plus de 3.5 tonnes. 1 carton de 1 rouleau de bande, pour bâche.
Yellow self adhesive security line ECE 104 for marker for vehicle more than 6 m length and 3,5 tons, 1 coil per box for tarpaulin.

Référence *Reference*	Kg	Largeur *Width*	Classe *Grade*	Couleur *Colour*
3805108	1,7	51	DG	Jaune *Yellow*

Bande de balisage pour citernes / *Strip markers for tankers*

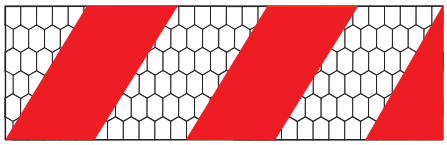
Ligne de sécurité ECE 104, rouge, auto-adhésive pour balisage des véhicules de plus de 6 m et plus de 3.5 tonnes. 1 carton de 1 rouleau de bande, pour citerne.
Red self adhesive security line ECE 104 for marker for vehicle more than 6 m length and 3,5 tons, 1 coil per box, for tanker.

Référence *Reference*	Kg	Largeur *Width*	Classe *Grade*	Couleur *Colour*
3805113	1,7	50	DG	Rouge *Red*

Bandes de balisage alternées / *Alternate strip markers*

1 / (**A**)

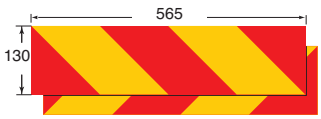
2 / (**B**)

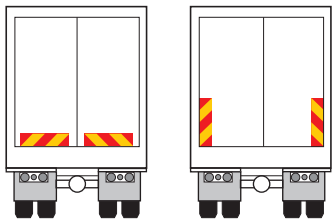


Bandes alternées rouges et blanches auto-adhésives. Carton de 2 rouleaux 1 droit - 1 gauche.
Alternate red and white stripes self-adhesive, 1 box of 2 rolls 1 right - 1 left.

Référence *Reference*	Largeur *Width*	Longueur *Length*	Classe *Grade*
3805110	140	9000	1-A
3805111	140	9000	2-B

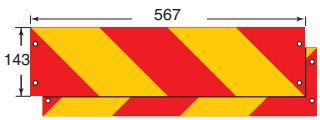
Plaques de signalisation pour porteurs / *Reflecting plates for trucks*

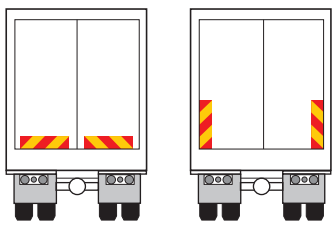




Jeu de 2 adhésifs ECE 70-01RF (Amendement 01) pour véhicule de 6 tonnes et plus.
Set of two adhesives ECE 70-01RF (Amendement 01) for 6 tons vehicle and over.

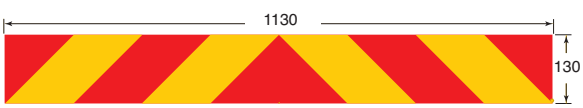
Référence *Reference*	Kg
3805374	0,09

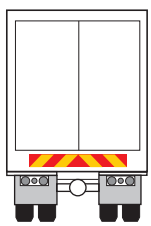




Jeu de 2 plaques thermo plastique avec catadioptre ép. 5 mm ECE 70-01RF (Amendement 01) pour véhicule de 6 tonnes et plus.
Set of two thermo plastic plates with reflector 5 mm th. ECE 70-01RF (Amendement 01) for 6 tons vehicle and over.

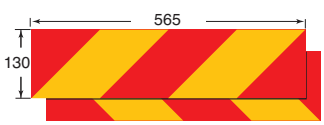
Référence *Reference*	Kg
3805391	0,6

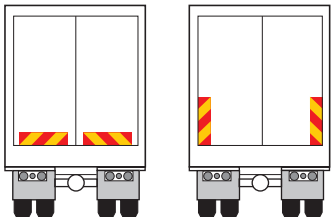




Plaque aluminium ép. 1 mm ECE 70-01RF (Amendement 01) pour véhicule de 6 tonnes et plus.
Aluminium plate 1 mm th. ECE 70-01RF (Amendement 01) for 6 tons vehicle and over.

Référence *Reference*	Kg
3805370	0,46

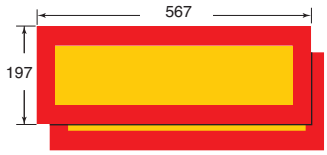


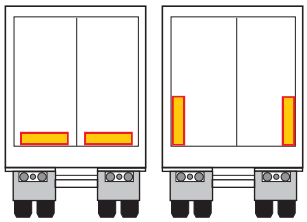


Jeu de 2 plaques aluminium ép. 1 mm ECE 70-01RF (Amendement 01) pour véhicule de 6 tonnes et plus.
Set of two aluminium plates 1 mm th. ECE 70-01RF (Amendement 01) for 6 tons vehicle and over.

Référence *Reference*	Kg
3805371	0,46

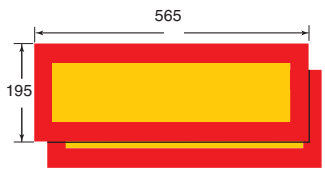
Plaques de signalisation pour remorque / *Reflecting plates for semi-trailers*

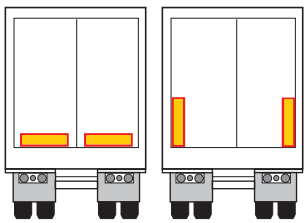




Jeu de 2 plaques thermo plastique ép. 3 mm ECE 70-01RF (Amendement 01) pour remorque de 6 tonnes et plus.
Set of two thermo plastic plates 3 mm th. ECE 70-01RF (Amendement 01) for 6 tons trailer and over.

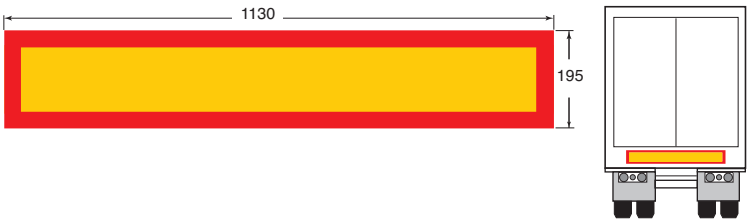
Référence *Reference*	Kg
3805389	0,675





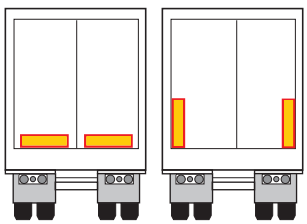
Jeu de 2 adhésifs ECE 70-01RF (Amendement 01), pour remorque de 6 tonnes et plus.
Set of two adhesives ECE 70-01RF (Amendement 01), for 6 tons trailer and over.

Référence *Reference*	Kg
3805390	0,13



Plaque aluminium ép. 1 mm ECE 70-01RF (Amendement 01) pour remorque de 6 tonnes et plus.
Aluminium plate 1 mm th. ECE 70-01RF (Amendement 01) for 6 tons trailer and over.

Référence *Reference*	Kg
3805375	0,68



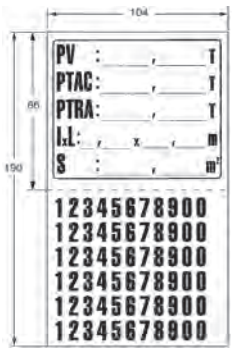
Jeu de 2 plaques aluminium ép. 1 mm ECE 70-01RF (Amendement 01) pour remorque de 6 tonnes et plus.
Set of two aluminium plates 1 mm th. ECE 70-01RF (Amendement 01) for 6 tons trailer and over.

Référence *Reference*	Kg
3805376	0,68

Marquages adhésifs / *Adhesive marking*

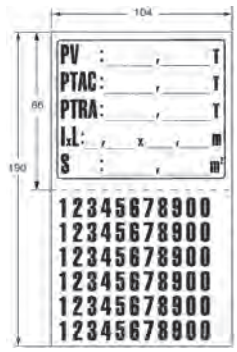
Disque limitation de vitesse Ø 200 mm, adhésif.
Speed limit disk Ø 200 mm, adhesive sheet.

Référence *Reference*	Ø	Vitesse *Speed*
3851370J	200	60
3851370L	200	70
3851370M	200	80
3851370N	200	90



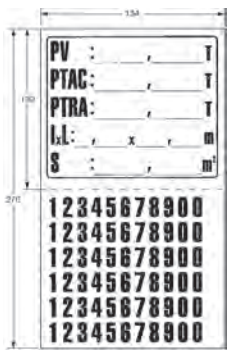
Plaque tare adhésive blanche 104 x 190 mm, soixante chiffres noirs prédécoupés.
White adhesive sheets for vehicle mass 104 x 190 mm, sixty black precut figures.

Référence *Reference*
3805141



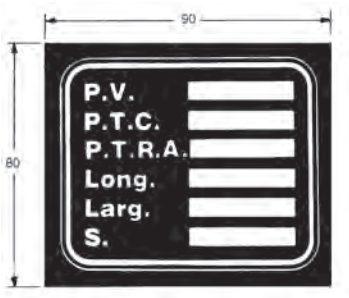
Plaque tare adhésive transparente 104 x 190 mm, soixante chiffres noirs prédécoupés.
Transparent adhesive sheets for vehicle mass 104 x 190 mm, sixty black precut figures.

Référence *Reference*
3805142



Plaque tare adhésive blanche 134 x 270 mm, soixante chiffres noirs prédécoupés.
White adhesive sheets for vehicle mass 134 x 270 mm, sixty black precut figures.

Référence *Reference*
3805143



Plaque de tare sur aluminium adhésif, pour remorque.
Adhesive aluminium sheet for trailer.

Référence *Reference*
3805191

Plaques symboles / *Plates - symbols*

Symbole adhésif 300 x 300 mm DANGER D'EXPLOSION.
Adhesive symbol EXPLOSION DANGER.

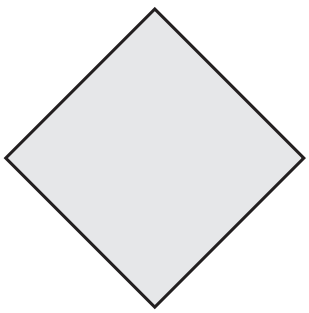
Référence *Reference*	Kg
3805150A	0,026

Symbole adhésif 300 x 300 mm DANGER DE FEU MATIERE LIQUIDE ou GAZ INFLAMMABLE.
Adhesive symbol FIRE DANGER, LIQUID MATTER or INFLAMABLE GAS.

Référence *Reference*	Kg
3805151A	0,026

Symbole adhésif 300 x 300 mm MATIERE ou GAZ TOXIQUE.
Adhesive symbol TOXIC MATTER or GAS.

Référence *Reference*	Kg
3805152A	0,026



Plaque nue en alu de 300 x 300 mm.
Striped alu plate 300 x 300 mm.

Référence *Reference*	Kg
3805150P	0,024

Symbole adhésif d'identification sans barre 300 x 400 mm.
Adhesive symbol 300 x 400 mm identification without bar.

Référence *Reference*	Kg
3805160A	0,035

Plaques symboles / *Plates - symbols*

Symbole matières radioactives 300 x 300 mm.
Hazardous radioactive substances symbol 300 x 300 mm.

Référence *Reference*	Kg
3805153A	0,026

Symbole danger biologique 300 x 300 mm.
Hazardus infectious materials symbol 300 x 300 mm.

Référence *Reference*	Kg
3805154A	0,026

Symbole matières comburantes 300 x 300 mm.
Hazardous oxidizing materials symbol 300 x 300 mm.

Référence *Reference*	Kg
3805155A	0,026

Symbole matières danger environnement 300 x 300 mm.
Materials hazardous for environment 300 x 300 mm.

Référence *Reference*	Kg
3805156A	0,026

Symbole gaz comprimés non inflamable 300 x 300 mm.
Non-flammable, non toxic symbol 300 x 300 mm.

Référence *Reference*	Kg
3805157A	0,026

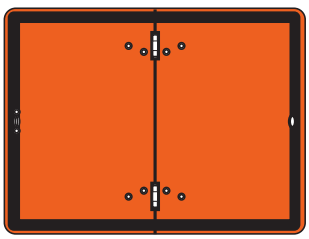
Plaques symboles / *Plates - symbols*

Symbole adhésif d'identification avec barre 300 x 400 mm.
Adhesive symbol 300 x 400 mm identification with bar.

Référence *Reference*	Kg
3805161A	0,035

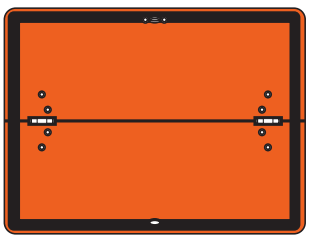
Plaque alu de 300 x 400 mm pour symboles adhésifs.
Alu plate 300 x 400 mm for adhesive symbols.

Référence *Reference*	Kg
3805160P	0,31



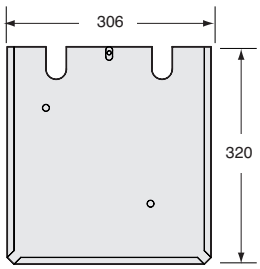
Plaque d'identification aluminium 300 x 400 x 1,50 mm repliable verticalement.
Aluminium identification plate 300 x 400 x 1,50 mm, vertical folding.

Référence *Reference*	Kg
3805158	0,588



Plaque d'identification aluminium 300 x 400 x 1,5 mm repliable horizontalement.
Aluminium identification plate 300 x400 x 1,5 mm, horizontal folding.

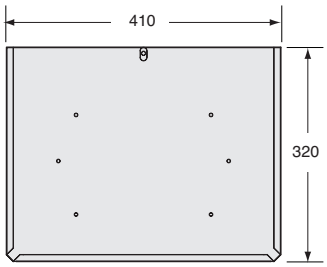
Référence *Reference*	Kg
3805159	0,588



Support acier zingué, ADR2009, pour plaque 300 x 300 mm.
Zinc plated steel support, ADR2009, for 300 x 300 mm plate.

Référence *Reference*	Kg
3805188	0,645

Plaques symboles / *Plates - symbols*

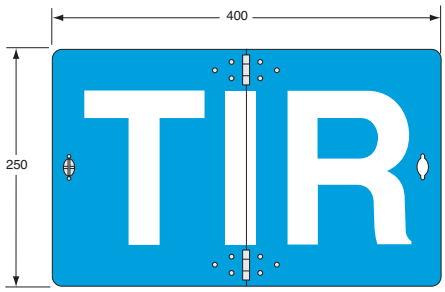


Support acier zingué, ADR2009, pour plaque 300 x 400 mm.
Zinc plated steel support, ADR2009, for 300 x 400 mm plate.

Référence *Reference*	Kg
3805189	0,885

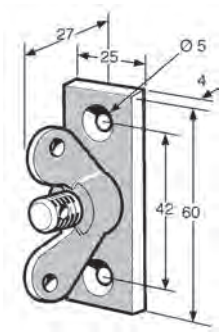
Plaque TIR en aluminium, lettres blanches sur fond bleu.
Aluminium TIR plate, blue with white letter.

Référence *Reference*	Kg
3805138	0,034



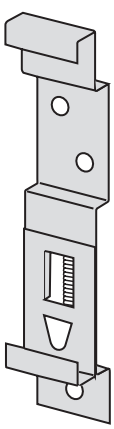
Plaque TIR repliable en aluminium, lettres blanches sur fond bleu.
Aluminium TIR folding plate, blue with white letter.

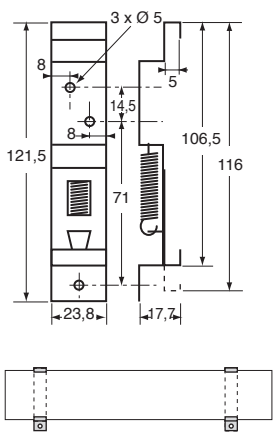
Référence *Reference*	Kg
3805185	0,086



Platine TIR avec écrou à oreilles, acier zingué.
Zinc plated steel TIR base plate and wing nut.

Référence *Reference*	Kg
3805144	0,085

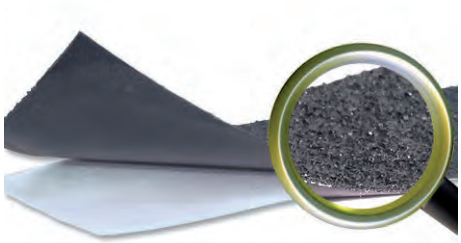




Support de plaque inox.
Stainless steel number plate holder.

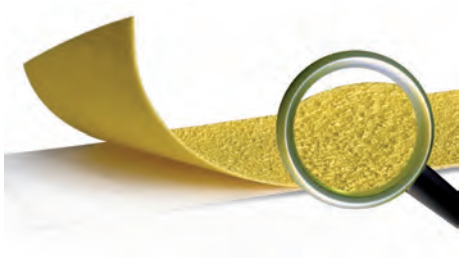
Référence *Reference*	Kg
3805157	0,035

Revêtements de sols à poser / *Floor coverings to lay*



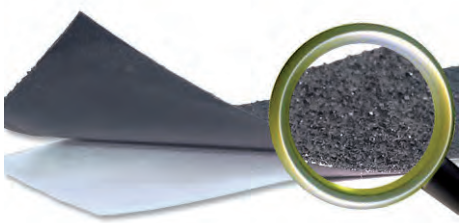
TBS 10 auto-adhésif Noir - Poudrette Polyuréthanne.
TBS 10 self-adhesive - Polyurethan powder.

Référence *Reference*	Kg	Longueur *Length*	Largeur *Width*	Epaisseur *Thickness*
4471817	0,16	10	25	1
4471818	0,455	10	50	1
4471819	0,84	10	100	1
4471820	1,358	10	150	1
4471821	2,89	10	300	1
4471822	4,84	10	610	1



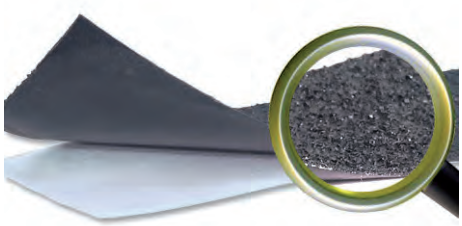
Rouleau TBS10 autoadhésif jaune largeur 40 mm.
Self adhesive yellow TBS10, 40 mm width roll.

Référence *Reference*	Kg	Longueur *Length*	Largeur *Width*	Epaisseur *Thickness*
4471840	0,1	2,5	40	1



TBS 11R auto-adhésif Noir. Poudrette corindon.
TBS 11R self-adhesive Black. Sand powder.

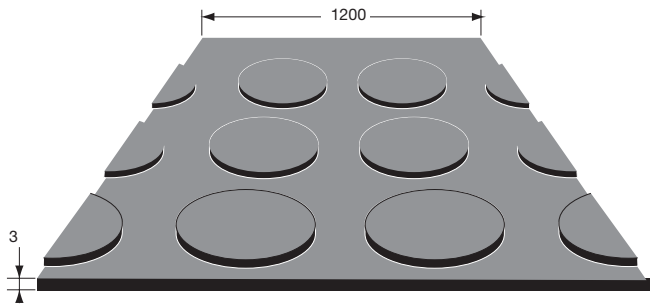
Référence *Reference*	Kg	Longueur *Length*	Largeur *Width*	Epaisseur *Thickness*
4471849	0,36	10	25	1
4471850	0,72	10	50	1
4471851	1,58	10	100	1
4471852	1,74	10	150	1
4471853	3,48	10	300	1
4471854	7,2	10	610	1



TBS 21 auto-adhésif Noir - Poudrette Polyuréthanne.
TBS 21 self-adhesive - Polyurethan powder.

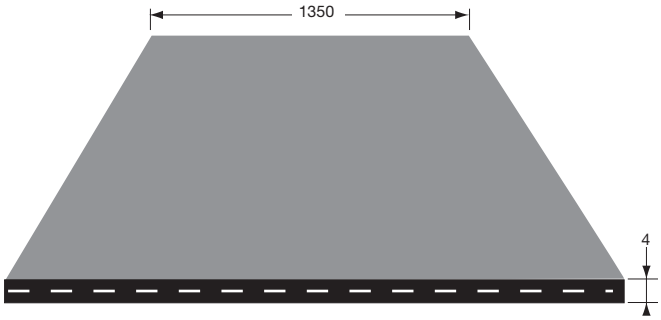
Référence *Reference*	Kg	Longueur *Length*	Largeur *Width*	Epaisseur *Thickness*
4471823	1,045	10	40	2,1
4471825	2,98	10	100	2,1
4471826	8,34	10	300	2,1
4471827	15,8	10	600	2,1
4471828	0,65	10	25	2,1
4471829	10	10	320	2,1

Revêtements de sols à poser / *Floor coverings to lay*



Tapis caoutchouc pastillé noir antidérapant.
Non slipping black rubber mat.

Référence *Reference*	Kg	Largeur *Width*	Epaisseur *Thickness*
4503494	46	1200	3



Tapis caoutchouc lisse entoilé.
Plain rubber mat, fabric reinforced.

Référence *Reference*	Kg	Largeur *Width*	Epaisseur *Thickness*
4503498	100	1350	4

Revêtements de sols à appliquer / *Floor coverings to apply*

TABUFLEX-Noir-bidon de 16.5 Kg de résine + 2,8 Kg durcisseur, kit 5m².
TABUFLEX-Black-16.5 Kg can resin + 2,8 can hardener, 5 m² kit.

Référence *Reference*	Kg
4471930	20

Granulat caoutchouc - sac de 18 Kg.
Rubber granules - 18 Kg bag.

Référence *Reference*	Kg
4471960	18

Revêtements de sols à appliquer / *Floor coverings to apply*

Durcisseur - bidon de 2,8 Kg. Permet d'augmenter la dureté de la résine.
Hardener - 2,8 Kg can. To increase the hardness of the resin.

Référence *Reference*	Kg
4471950	3

Poudre thixotropique - bidon d'1 Kg. Pour la réalisation de remontées et passages de roues.
Thixotropic powder - 1 Kg can. For vertical surface use.

Référence *Reference*	Kg
4471945	1,1

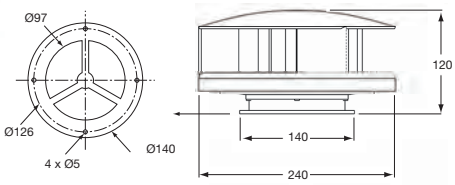
Primaire pour aluminium et acier, rendement : 1 litre pour 4 m².
Steel /aluminium primer, coverage : 1 liter for 4 m².

Référence *Reference*	Kg
4471905	1,11
4471906	5,11

Primaire pour bois - bidon de 5 litres. Rendement 1 litre pour 1,5 m².
Wood primer - 5 liter can. Coverage : 1 liter for 1,5 m².

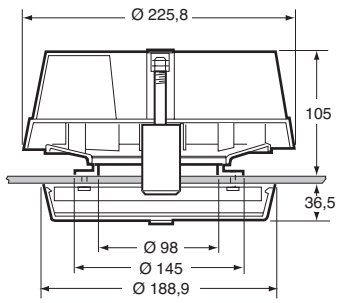
Référence *Reference*	Kg
4471907	5,25

Ventilateurs / *Ventilator*



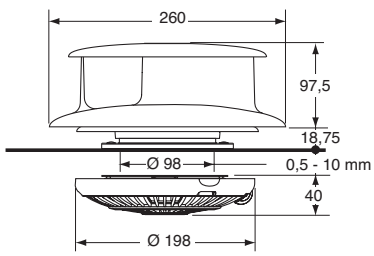
Aérateur rotatif, ABS blanc. Débit d'air 80 m³/h à 50 km/h, débit d'air 168 m³/h à 100 km/h.
White ABS rotary ventilator. Flow of 80 m³/h at 50 km/h, flow of 168 m³/h at 100 km/h.

Référence *Reference*	Kg
4104688	0,7



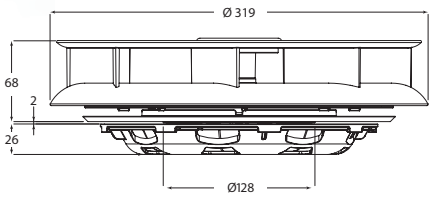
Aérateur rotatif Flettner 2000, débit d'air 51 m³/h à 50 km/h, débit d'air 108 m³/h à 100 km/h.
Flettner 2000 rotary ventilator. Flow of 51 m³/h at 50 km/h, flow of 108 m³/h at 100 km/h.

Référence *Reference*	Kg	Couleur *Colour*
4104691	0,665	Noir *Black*
4104691BL	0,665	Blanc *White*



Aérateur rotatif Flettner TCX, blanc. Débit d'air 99 m³/h à 50 km/h, débit d'air 214 m³/h à 100 km/h.
Flettner TCX white rotary ventilator. Flow of 99 m³/h at 50 km/h, flow of 214 m³/h at 100 km/h.

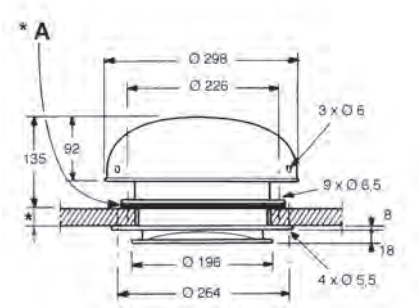
Référence *Reference*	Kg
4104692	1,28



Aérateur rotatif, ABS blanc. Débit d'air 113 m³/h à 50 km/h, débit d'air 246 m³/h à 100 km/h.
White rotary ventilator. Flow of 113 m³/h at 50 km/h, flow of 246 m³/h at 100 km/h.

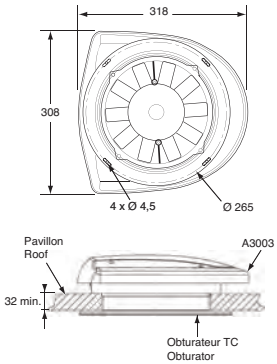
Référence *Reference*	Kg
4104695	1,2

Ventilateurs / *Ventilator*



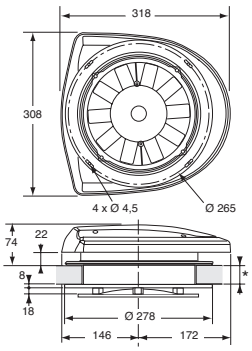
Aérateur motorisé blanc à deux sens de marche. Débit d'air 350 m³/h, équipé d'un moteur 12V. (*A) Equipé d'un joint d'étanchéité.
White motorised ventilator with two operating modes. Capacity of 350 m³/h of air. Supplied with a 12 V drive motor. Equiped with rubber weatherstrip.

Référence *Reference*	Kg
4104683	2,2



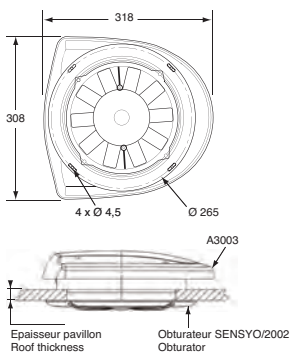
Aérateur blanc silencieux avec obturateur TC. Débit d'air 450 m³/h.
White silent ventilator with obturator TC. Capacity of 450 m³/h of air.

Référence *Reference*	Kg	V
4104710	2,25	12V
4104711	2,25	24V



Aérateur blanc à deux sens de marche. Débit d'air 670 m³/h.
White ventilator with two operating modes. Capacity of 670 m³/h of air.

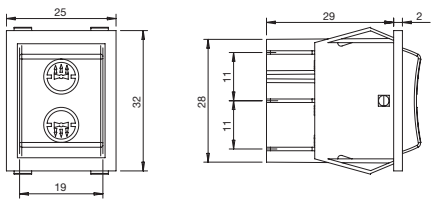
Référence *Reference*	Kg	V
4104685	2,25	12 V
4104686	2,25	24 V



Aérateur noir air orientable avec obturateur SENSYO. Débit d'air 670 m³/h.
Black ventilator with directional air and obturator SENSYO. Capacity of 670 m³/h of air.

Référence *Reference*	Kg	V
4104712	2,25	12V
4104713	2,25	24V

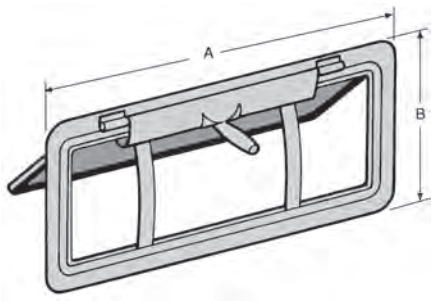
Accessoires de ventilateurs / *Ventilator accessories*



Interrupteur, inverseur pour aérateur.
Switch for ventilator.

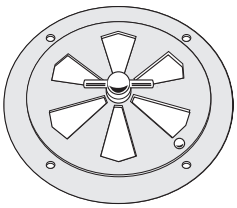
Référence *Reference*	Pour *For*
4104684	4104685 4104683 4104686

Aérateurs et régleurs / *Air distributor*



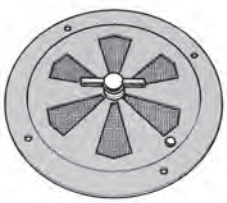
Aérateur en tôle d'acier avec joint caoutchouc.
Cab ventilator in steel with rubber seal.

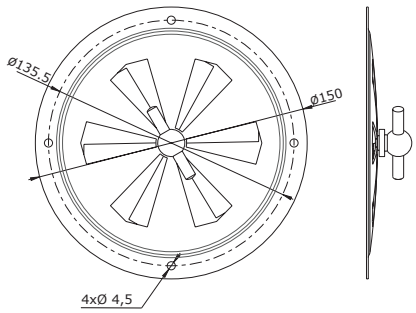
Référence *Reference*	Kg	A (mm)	B (mm)
4137320	0,42	235	110
4137331	0,505	310	110



Régleur d'air.
Air distributor.

Référence *Reference*	Kg	Ø	Finition *Finish*
4104672IN	0,365	230	Inox *Stainless steel*

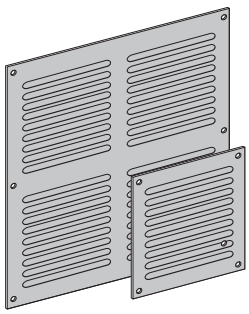


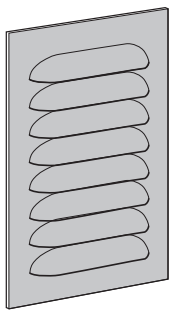


Régleur d'air inox poli grillagé, Ø 150 mm.
Polished stainless steel air distributor with screen Ø 150 mm.

Référence *Reference*	Kg	Ø
4146710	0,18	150

Persiennes / *Shutter*

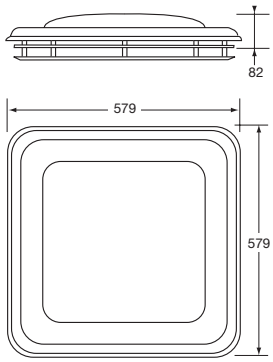




Persiennes en tôle d'aluminium AG3.
Shutter, AG3 aluminium.

Référence *Reference*	Kg	Longueur *Length*	Epaisseur *Thickness*	Hauteur *Height*
4137275FD	0,24	200	1,5	300
4137275FF	0,244	300	1	300
4137275HF	0,49	300	1,5	400
4137275JG	0,7	350	1,5	500
4137275TY	0,1	180	1,5	130
4137275VV	0,062	150	1	150

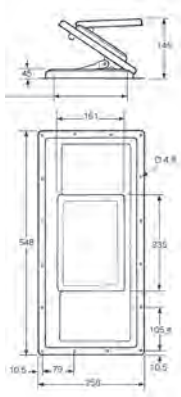
Aérateurs de toit / *Roof hatch*



Aérateur de toit en ABS et polycarbonate, encadrement intérieur de 500 x 500 mm (couvercle seul *).
*Moulded roof hatch, ABS mechanism, polycarbonate dome, inner frame 500 x 500 mm (cover only *).*

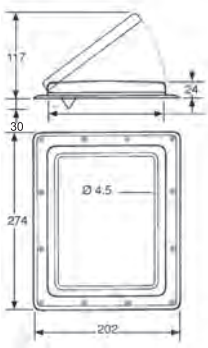
Référence *Reference*	Kg
4104668	1,95
4104668C0	1,55

Aérateurs de toit / *Roof hatch*



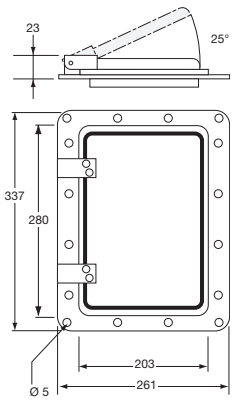
Aérateur à double ouverture, acier peint noir mat.
Double cab ventilator in black enamelled steel plate.

Référence *Reference*	Kg
4104678	2,5



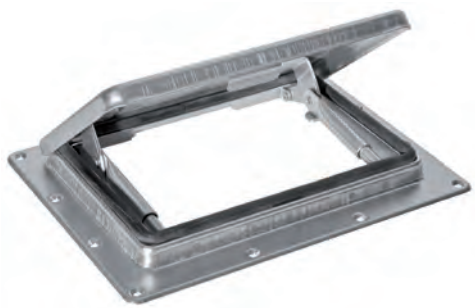
Aérateur acier / aluminium.
Steel / aluminium ventilator.

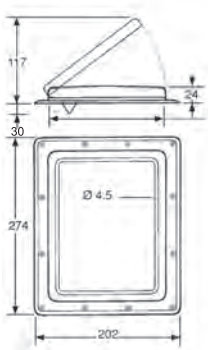
Référence *Reference*	Kg
4104658	0,935



Aérateur acier / aluminium.
Steel / aluminium ventilator.

Référence *Reference*	Kg
4104659	1,325





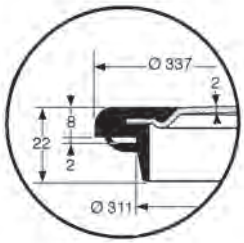
Aérateur acier zingué, sans grille ABS.
Zinc plated steel ventilator, without ABS screen.

Référence *Reference*	Kg
4104660	0,82

Grille en ABS marron pour aérateur 4104660.
Brown ABS screen for ventilator 4104660.

Référence *Reference*	Kg	Pour *For*
4104660GR	0,13	4104660

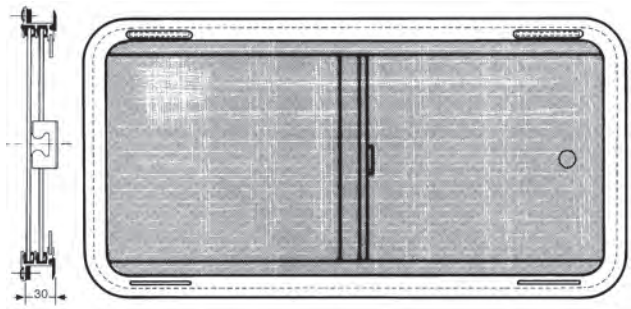
Hublots de toit / *Roof windows*



Hublot de toit en polycarbonate translucide, Ø 337 mm.
Roof hatch, Ø 337 mm, in translucent polycarbonate.

Référence *Reference*	Kg	Ø
4104661	0,415	337

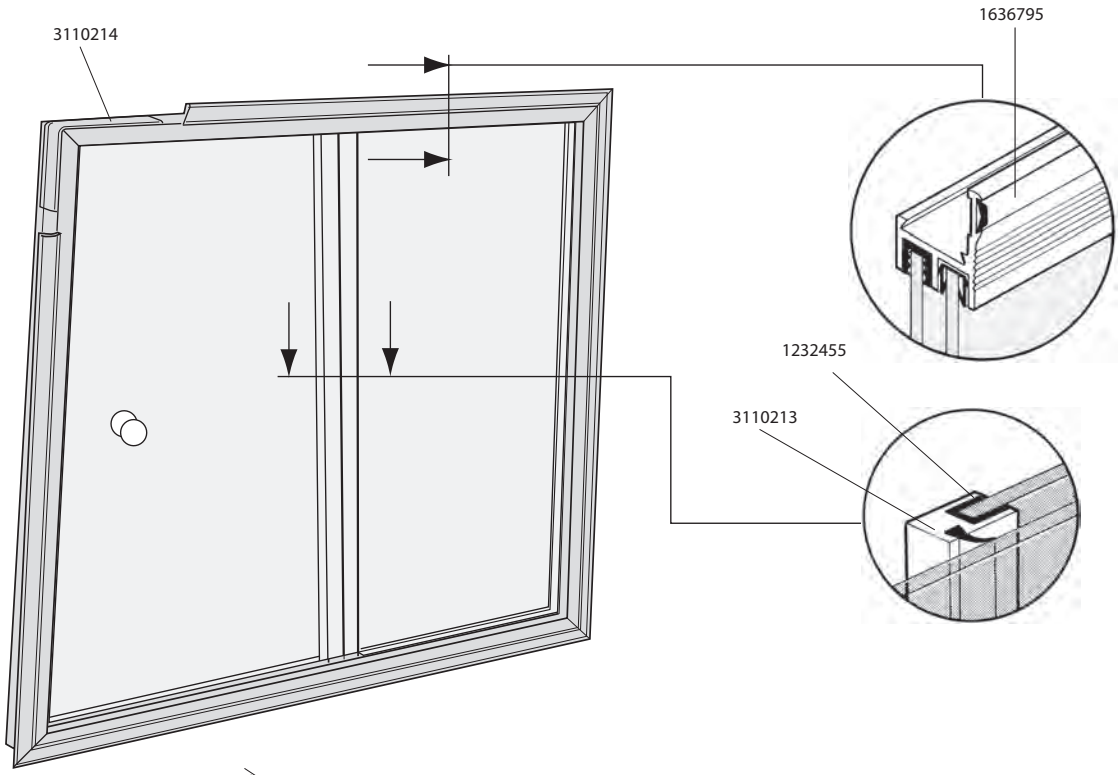
Baies coulissantes / *Sliding windows*

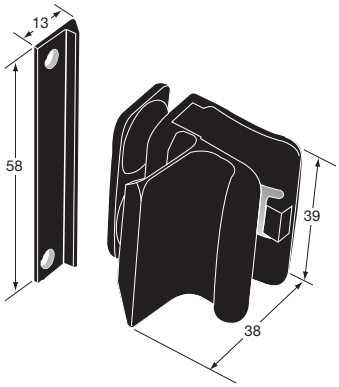


Blocs coulissants aluminium époxy noir, deux glaces claires coulissantes (dimensions données pour découpe).
Sliding windows, black epoxy aluminium, two transparent sliding plate glasses (dimensions given for cut-out).

Référence *Reference*	Kg	Longueur *Length*	Largeur *Width*	Rayon *Radius*
4147412	4,2	500	500	75
4147413	4,2	600	400	75
4147414	5,7	750	475	75
4147415	7	900	500	75
4147416	9	1200	500	75

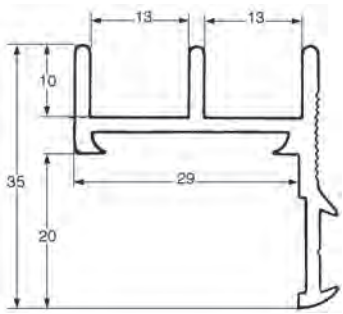
Baies coulissantes modulable / *Custom sliding windows*





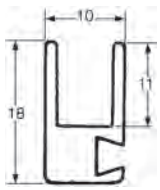
Fermeture de baie, plastique noir.
Lock for sliding window, black plastic.

Référence *Reference*	Kg
3110211	0,28



Profil aluminium anodisé.
Anodized aluminium profile.

Référence *Reference*	Kg	Longueur *Length*
3110212	0,456	5000



Profil aluminium anodisé.
Anodized aluminium profile.

Référence *Reference*	Kg	Longueur *Length*
3110213	0,255	5000

Comment choisir un compas à gaz / *Gas spring selection calculation*

Connaissant :
- le poids du hayon X en kilogrammes ;
- la longueur du hayon Y en mètres ;
- la distance Z (en mètres) entre le point d'application du verin sur le hayon et l'axe de rotation du hayon ;
- le nombre de vérins nécessaires Nb ;

On détermine la force de poussée du vérin en appliquant la formule suivante :

P = $\frac{X \times 10 \times Y}{2.Nb.Z}$ + 50 = pression du vérin en N (Newton).

Le nombre 50 représente une force de 50 N constante équivalente aux actions de frottement.

Exemple de calcul :
- soit un hayon de :
. poids 50 kg,
. longueur Y : 1,50 m,
. distance Z : 0,25 m,
. nombre Nb : 2.
l'application de la formule est la suivante :

$$\frac{500 \times 1,5}{2 \times 2 \times 0,25} + 50 = 800 \text{ N}$$

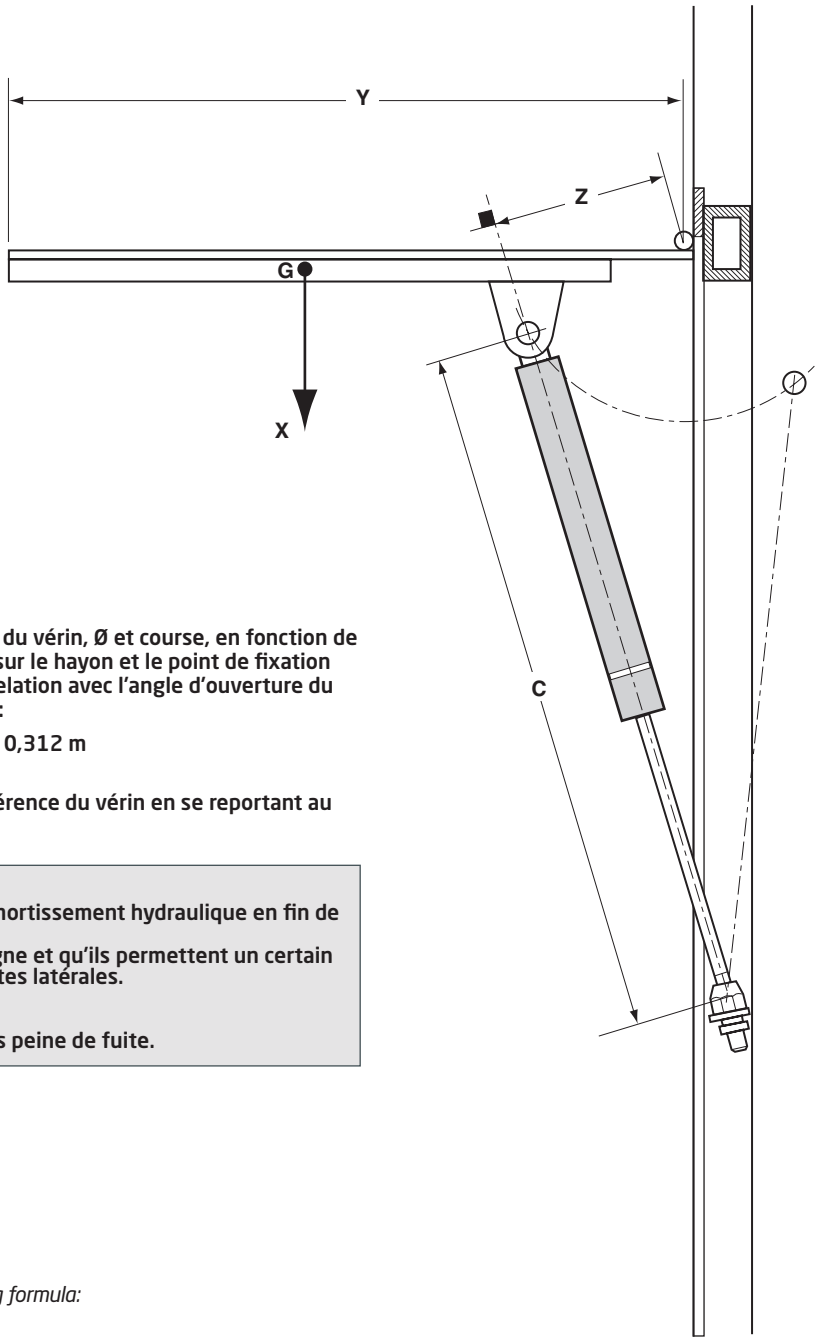
Il nous faut donc poser deux vérins de 800 N.

On choisit ensuite les caractéristiques dimensionnelles du vérin, Ø et course, en fonction de la distance voulue entre le point d'application du vérin sur le hayon et le point de fixation sur le montant. La course du vérin est directement en relation avec l'angle d'ouverture du hayon. Pour un ouverture de 90°, on choisit en général :

$\frac{\text{Course du vérin}}{Z} = \frac{1}{0,8}$ **, soit course du vérin =** $\frac{0,25}{0,8}$ **= 0,312 m**

Ces différentes données déterminées, on obtient la référence du vérin en se reportant au tableau des caractéristiques.

RECOMMANDATIONS IMPORTANTES
Placer l'appareil la tige vers le bas afin d'obtenir un amortissement hydraulique en fin de course.
Il est important que les points de fixation soient en ligne et qu'ils permettent un certain jeu afin que la tige ne soit pas soumise à des contraintes latérales.
Eviter tout choc.
Ne jamais démonter : gaz sous pression.
Aucune trace de peinture sur le piston du compas sous peine de fuite.



Determine:
- tailboard X in kilogrammes;
- tailboard length Y in meters;
- distance Z (in meters) between strut pin on tailboard and tailboard hinge pin;
- quantity of necessary struts Nb;

To determine the required capacity of strut, use the following formula:

P = $\frac{X \times 10 \times Y}{2.Nb.Z}$ + 50 = strength in N (Newton).

Number 50 used in example below corresponds to frictional losses.

Calculation example:
- tailboard:
. length Y: 1,50 m,
. distance Z: 0,25 m,
. strut quantity Nb: 2.
The formula is used as follows:

$$\frac{500 \times 1,5}{2 \times 2 \times 0,25} + 50 = 800 \text{ N}$$

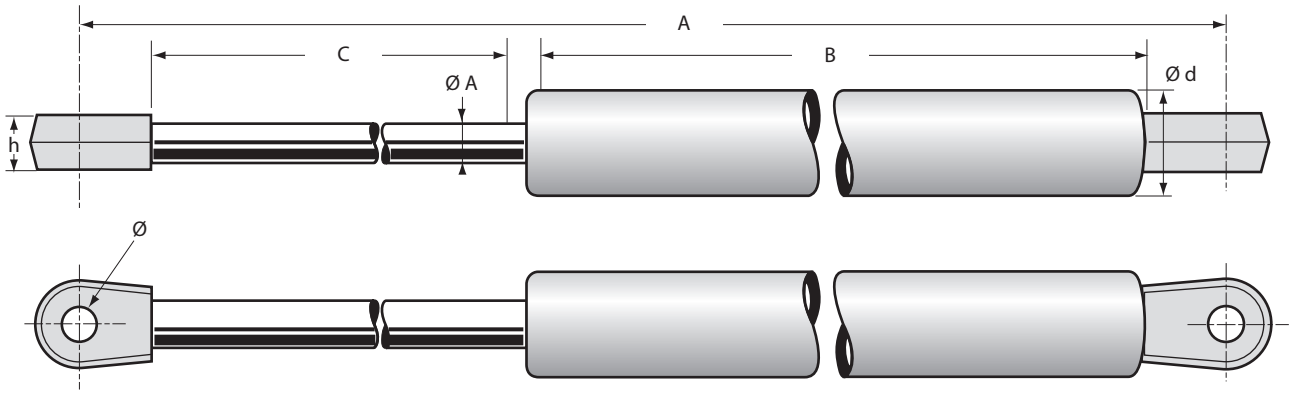
Therefore two struts of 800 N capacity each must be used, now overall dimensions of strut must be selected together with the piston stroke. This selection is made according to the requested distance between strut pin on tailboard and anchor point. Strut stroke is directly related to tailboard opening angle. For a 90° opening angle, the following stroke is generally selected:

$\frac{\text{Strut stroke}}{Z} = \frac{1}{0,8}$ *, that's strut stroke =* $\frac{0,25}{0,8}$ *= 0,312 m*

Having determined the various caracteristics of the strut, refer to table to select corresponding part number.

IMPORTANT NOTICE
To obtain a feathering action at end of stroke, install strut with rod at end.
Securing points must be in line to avoid lateral stresses.
Avoid misuse.
Never attempt to dismantle : Gas under pressure.
Never coat strut piston with paint to avoid gas leaks.

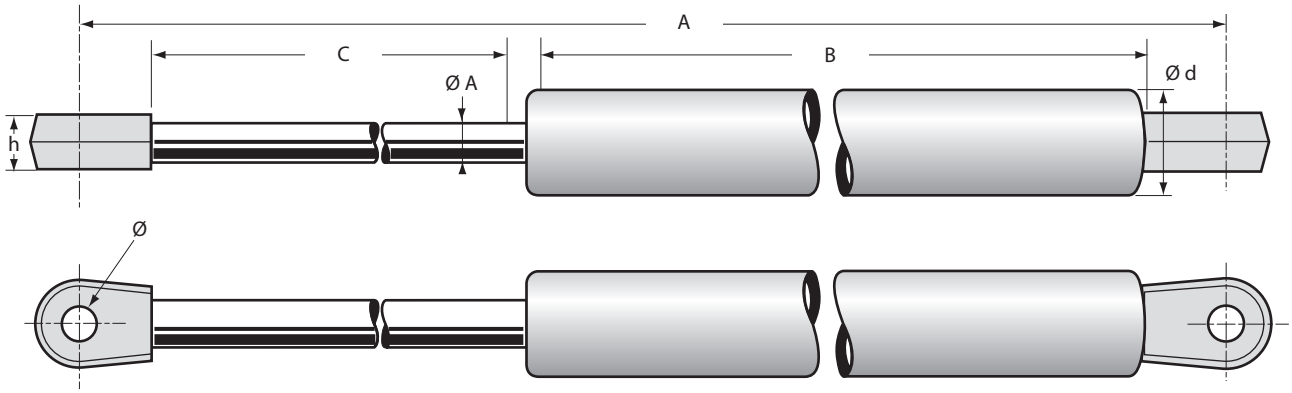
Compas à gaz / *Gas spring*



Compas à gaz à embouts vissés.
Gas spring with screwed end filting.

Référence *Reference*	Kg	Force *Trust force*	C	Ø A	A	Ø d	B	h	Ø
2043912A	0,082	50	80	6	173 - 253	15	113	5	6
2043912B	0,082	100	80	6	173 - 253	15	113	5	6
2043912D	0,082	200	80	6	173 - 253	15	113	5	6
2043913D	0,229	200	160	8	263 - 423	18.5	203	5	6
2043913F	0,229	300	160	8	263 - 423	18.5	203	5	6
2043913H	0,229	400	160	8	263 - 423	18.5	203	5	6
2043914C	0,330	150	250	8	353,5 - 603,5	18.5	294	5	8
2043914D	0,330	200	250	8	353,5 - 603,5	18.5	294	5	8
2043914H	0,330	400	250	8	353,5 - 603,5	18.5	294	5	8
2043914K	0,330	600	250	8	353,5 - 603,5	18.5	294	5	8
2043915F	0,313	300	98	10	182 - 280	22	148	12	8
2043915G	0,313	350	98	10	182 - 280	22	148	12	8
2043915J	0,313	500	98	10	182 - 280	22	148	12	8
2043916J	0,320	500	148	10	232 - 380	22	198	12	8
2043916PI	0,320	1000	148	10	232 - 380	22	198	12	8
2043921PI	0,650	1000	198	14	302 - 500	28	268	12	8
2043921TI	0,650	1300	198	14	302 - 500	28	268	12	8
2043921WI	0,650	2000	198	14	302 - 500	28	268	12	8
2043922D	0,510	200	298	10	402 - 700	22	368	12	8
2043922F	0,510	300	298	10	402 - 700	22	368	12	8
2043922H	0,510	400	298	10	402 - 700	22	368	12	8
2043922JI	0,868	550	298	14	402 - 700	28	368	12	8
2043922PI	0,868	1000	298	14	402 - 700	28	368	12	8
2043922SI	0,868	1200	298	14	402 - 700	28	368	12	8
2043922VI	0,868	1500	298	14	402 - 700	28	368	12	8
2043922WI	0,868	2000	298	14	402 - 700	28	368	12	8
2043923F	0,503	300	248	10	352 - 600	22	318	12	8
2043923J	0,503	500	248	10	352 - 600	22	318	12	8
2043923PI	0,765	1000	248	14	352 - 600	28	318	12	8
2043923TI	0,765	1300	248	14	352 - 600	28	318	12	8

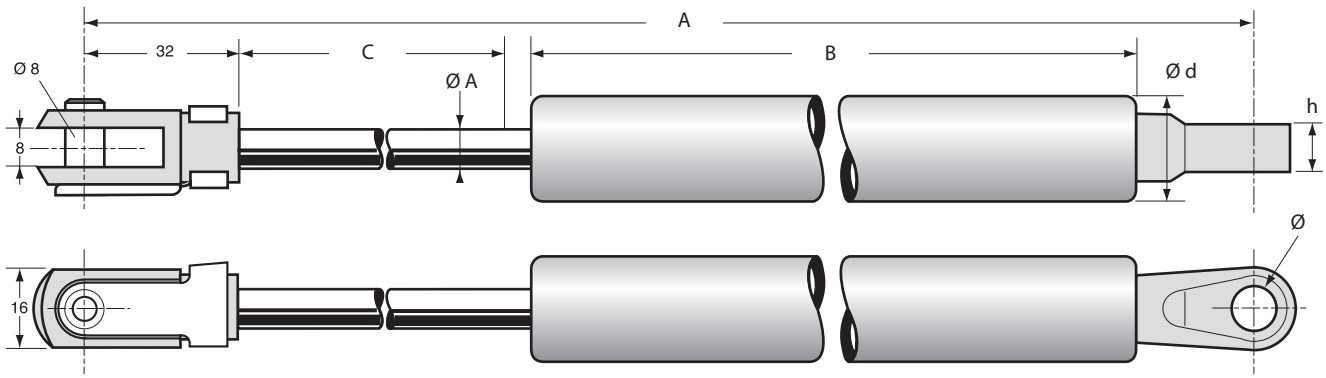
Compas à gaz / *Gas spring*



Compas à gaz à embouts vissés.
Gas spring with screwed end filting.

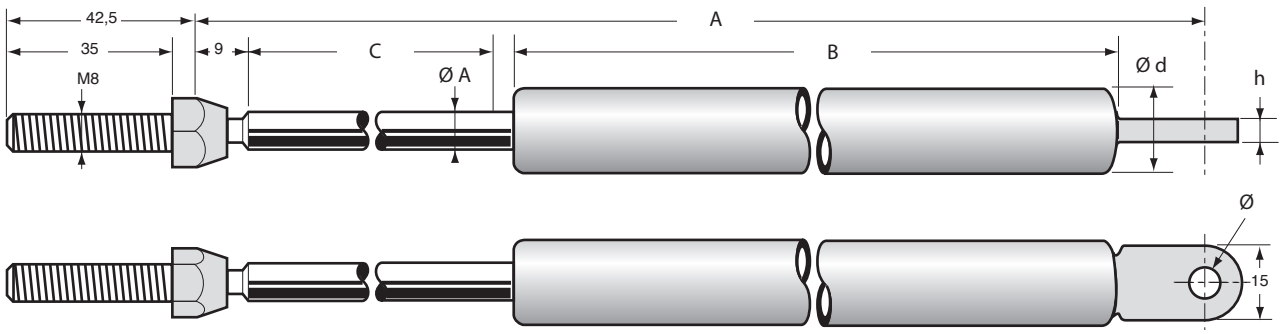
Référence *Reference*	Kg	Force *Trust force*	C	Ø A	A	Ø d	B	h	Ø
2043918F	0,181	300	85	8	189 - 274	18.5	128	5	6
2043918H	0,181	400	85	8	189 - 274	18.5	128	5	6
2043918J	0,181	500	85	8	189 - 274	18.5	128	5	6
2043918K	0,181	600	85	8	189 - 274	18.5	128	5	8
2043920E	0,277	250	195	8	296 - 491	18.5	235	5	6
2043920G	0,277	350	195	8	296 - 491	18.5	235	5	6
2043920I	0,277	450	195	8	296 - 491	18.5	235	5	6
2043920J	0,277	550	195	8	296 - 491	18.5	235	5	6
2043921K	0,430	600	210	10	290 - 500	22	253	12	8
2043921M	0,430	800	210	10	290 - 500	22	253	12	8
2043921P	0,430	1000	210	10	290 - 500	22	253	12	8
2043922J	0,510	550	298	10	402 - 700	22	368	12	8
2043922M	0,510	800	298	10	402 - 700	22	368	12	8
2043922P	0,510	1000	298	10	402 - 700	22	368	12	8
2043922S	0,510	1200	298	10	402 - 700	22	368	12	8
2043923M	0,503	800	248	10	352 - 600	22	318	12	8
2043923P	0,503	1000	248	10	352 - 600	22	318	12	8
2043924D	0,650	200	348	10	452 - 800	22	418	12	8
2043924F	0,650	300	348	10	452 - 800	22	418	12	8
2043924H	0,650	400	348	10	452 - 800	22	418	12	8
2043924J	0,650	500	348	10	452 - 800	22	418	12	8
2043924M	0,650	800	348	10	452 - 800	22	418	12	8
2043924MI	0,966	800	348	14	452 - 800	28	418	12	8
2043924P	0,650	1000	348	10	452 - 800	22	418	12	8
2043924PI	0,966	1000	348	14	452 - 800	28	418	12	8
2043924TI	0,966	1300	348	14	452 - 800	28	418	12	8
2043924VI	0,966	1500	348	14	452 - 800	28	418	12	8

Compas à gaz / *Gas spring*



Compas a gaz.
Gas spring.

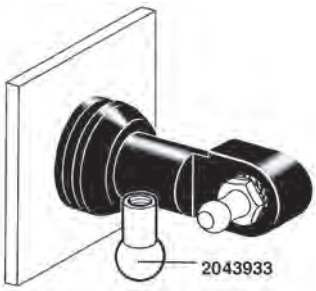
Référence *Reference*	Kg	Force *Trust force*	C	Ø A	A	Ø d	B	h	Ø
2043917F	0,313	300	98	10	182 - 280	22	148	12	8
2043917G	0,313	350	98	10	182 - 280	22	148	12	8
2043917J	0,313	500	98	10	182 - 280	22	148	12	8

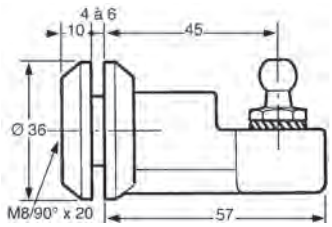


Compas a gaz embout fileté.
Gas spring with threaded end filting.

Référence *Reference*	Kg	Force *Trust force*	C	Ø A	A	Ø d	B	h	Ø
2043919D	0,257	200	150	8	228,5 - 378,5	18.5	201	5	6
2043919F	0,257	300	150	8	228,5 - 378,5	18.5	201	5	6
2043919H	0,257	400	150	8	228,5 - 378,5	18.5	201	5	6

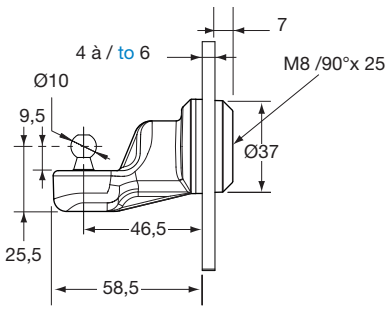
Supports de compas et embouts / *Brackets for gas springs and end fittings*





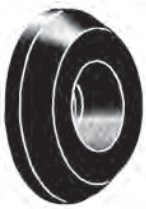
Ensemble support de vérin en polyamide noir chargé en fibre de verre.
Black glassfibre polyamide bracket.

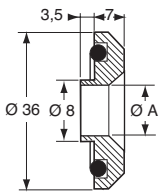
Référence *Reference*	Kg
2043932	0,07



Ensemble support de vérin en polyamide noir chargé en fibre de verre.
Black glassfibre polyamide bracket.

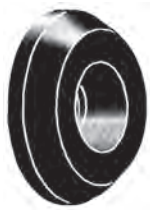
Référence *Reference*	Kg
2043938	0,065

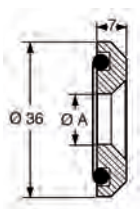




Socle épaulé plastique noir pour vis Ø A = M6/F90°.
Black plastic base with shoulder for Ø A = M6/F90° screw.

Référence *Reference*	Kg	Pour *For*
2043935	0,008	Ø A = M6/F90°





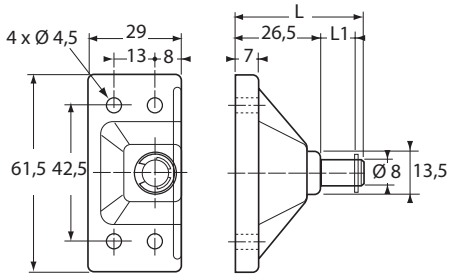
Socle plastique noir.
Black plastic base.

Référence *Reference*	Kg	Pour *For*
2043932S0	0,006	Ø A = M8/F90°
2043934	0,006	Ø A = M6/F90°

Embout à rotule percé à Ø 8,1 pour compas à filetage M8.
End with Ø 8,1 hole for gas spring with M8 threading.

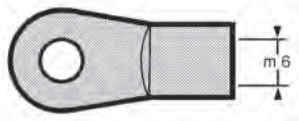
Référence *Reference*	Kg
2043933	0,015

Supports de compas et embouts / *Brackets for gas springs and end fittings*



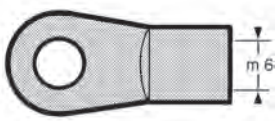
Support plastique déporté.
Offset plastic bracket for gas spring.

Référence *Reference*	Kg	L (mm)	Pour *For*
2043936	0,04	40x11	2043914H 2043914K
2043937	0,04	48x19	2043921 2043922 2043923 2043924



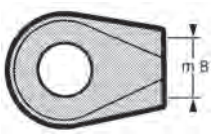
Embout percé à Ø 6,1 pour compas à filetage M6.
End with Ø 6,1 hole for gas spring with M6 threading.

Référence *Reference*	Kg
2043927	0,015



Embout percé à Ø 8,1 pour compas à filetage M6.
End with Ø 8,1 hole, for gas spring with M6 threading.

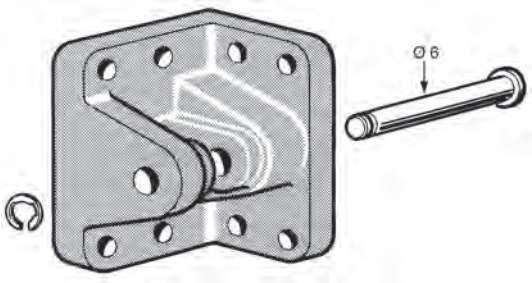
Référence *Reference*	Kg
2043926	0,015

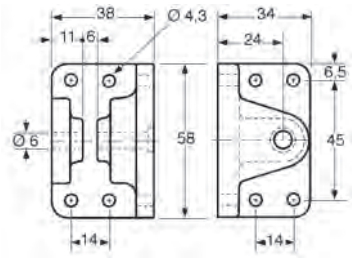


Embout percé à Ø 8,1 pour compas à filetage M8.
End with Ø 8,1 hole for gas spring with M8 threading.

Référence *Reference*	Kg
2043928	0,015

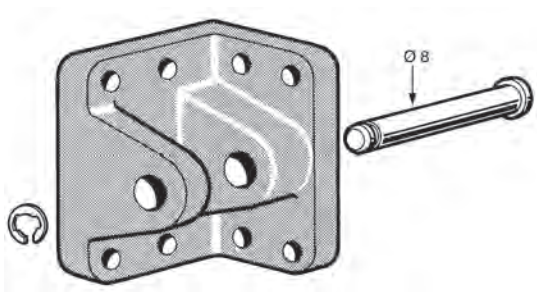
Supports de compas et embouts / *Brackets for gas springs and end fittings*

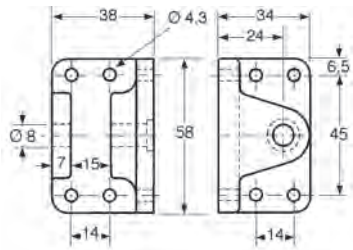




Support en polyamide gris chargé en fibre de verre avec axe acier zingué pour chape Ø 6,1 et épaisseur 5 mm.
Grey glassfibre polyamide bracket with zinc plated steel pin for bracket Ø 6,1 and 5 mm thick.

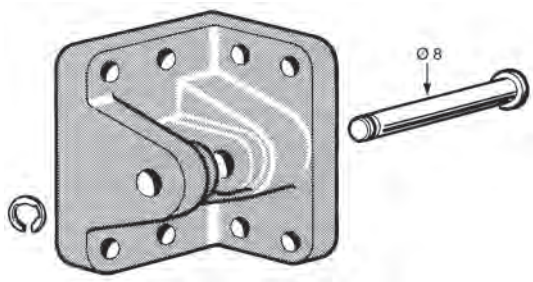
Référence *Reference*	Kg
2043930	0,065

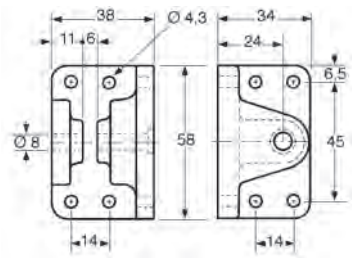




Support en polyamide gris chargé en fibre de verre avec axe acier zingué pour chape Ø 8,1 et épaisseur 12 mm.
Grey glassfibre polyamide bracket with zinc plated steel pin for bracket Ø 8,1 and 12 mm thick.

Référence *Reference*	Kg
2043929	0,065

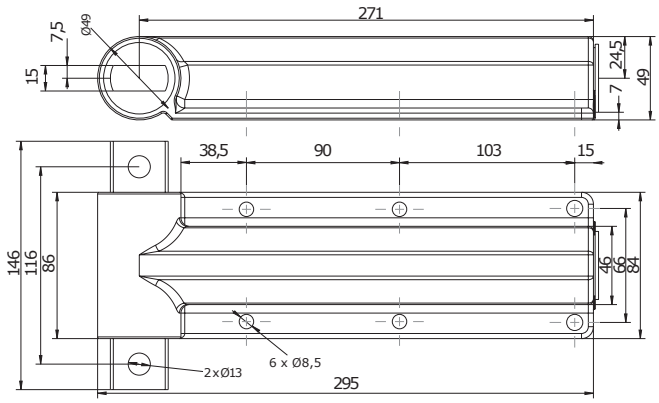




Support en polyamide gris chargé en fibre de verre avec axe acier zingué pour chape Ø 8,1 et épaisseur 5 mm.
Grey glassfibre polyamide bracket with zinc plated steel pin for bracket Ø 8,1 and 5 mm thick.

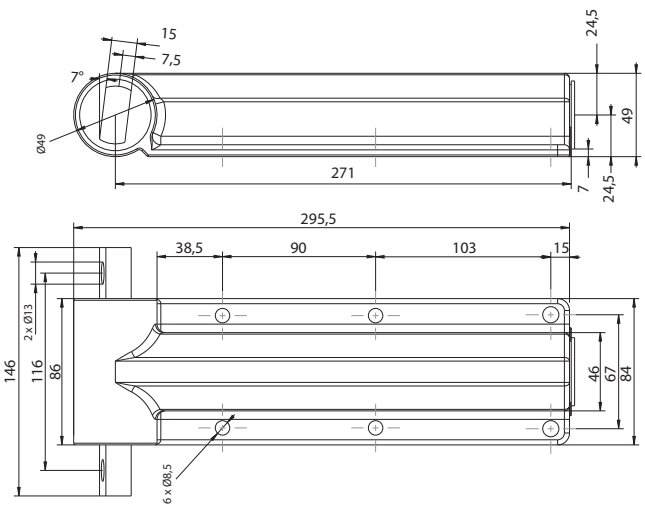
Référence *Reference*	Kg
2043931	0,065

Releveurs LIFT UP / *LIFT UP elevators*



Releveur Lift Up 360 simple effet, couple de relevage 13 daN.m pour rampes.
Lift Up raising system 360, single action, lifting torque 13 daN.m for opening down closures.

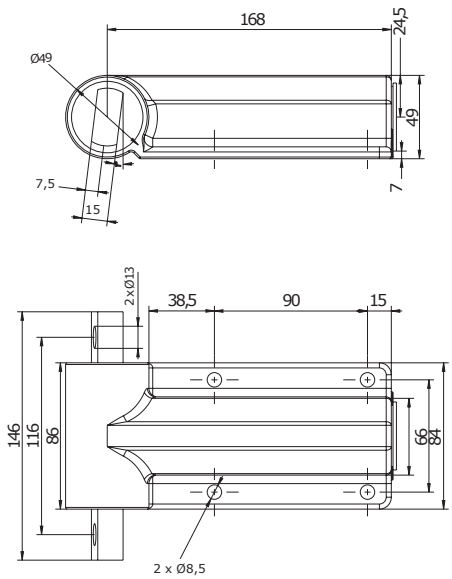
Référence *Reference*	Kg
0844905	4,65



Releveur Lift Up 360 double effet, couple de relevage 14 daN.m pour auvents.
Lift Up raising system, double action, lifting torque 14 daN.m for opening up closures.

Référence *Reference*	Kg
0844906	4,65

Releveurs LIFT UP / *LIFT UP elevators*



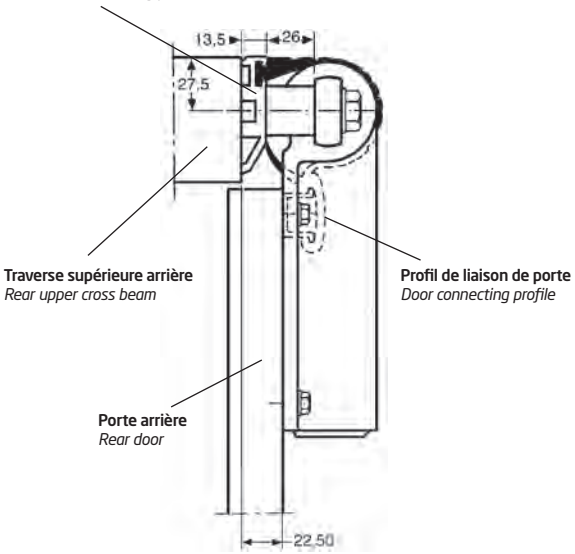
Releveur Lift Up 180 double effet, couple de relevage 10 daN.m pour auvents.
Lift Up raising system, double action, lifting torque 10 daN.m for lifting up closures.

Référence *Reference*	Kg
0844907	3,25

Releveurs LIFT UP / *LIFT UP elevators*

Position fermée
Closed

Profil de liaison de cadre arrière
Rear frame connecting profile



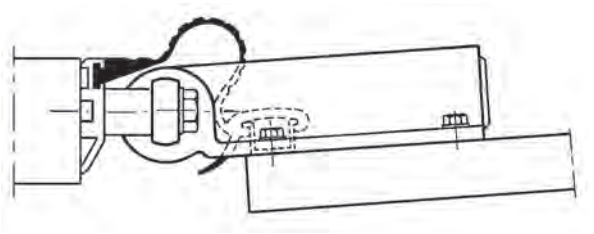
Traverse supérieure arrière
Rear upper cross beam

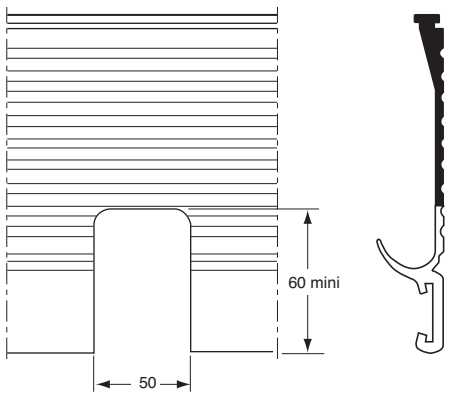
Profil de liaison de porte
Door connecting profile

Porte arrière
Rear door

Position ouverte
Opened

Joint d'étanchéité
Seal section





Découpe pour le passage du releveur
Punching for the raise way

Formule générale : $P = \frac{G \times H}{2} + M1 + \ldots.$

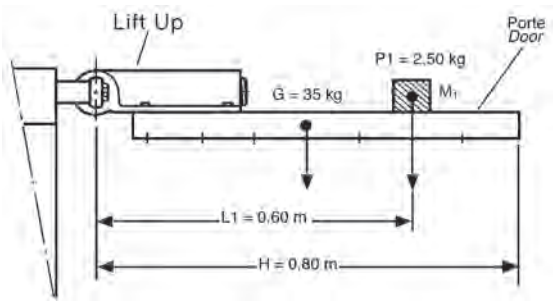
General formula

G = poids de la porte en kilogrammes
G = weight of the door in kilogrammes
H = hauteur de la porte en mètres
H = height of the door in meters
$M_1 = P_1 \times L_1$

Application numérique :
Numerical application:

$$P = \frac{35 \times 0{,}80}{2} + (2{,}50 \times 0{,}60)$$

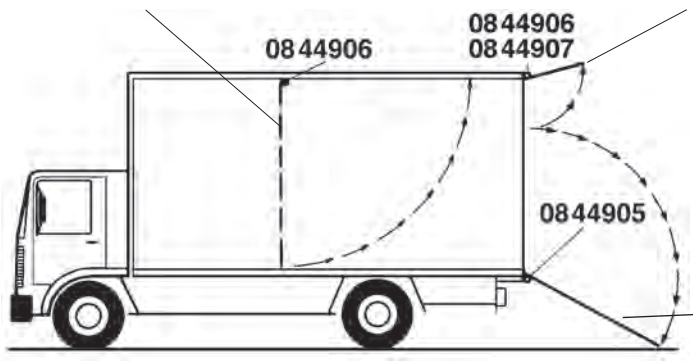
P = 15,50 daN.m



Conclusion : pour cette application, on utilisera 2 Lift Up 180 double effet 0844907.
Conclusion: for this application, 2 Lift Up 180, double action, 0844907, should be used.

Cloison frigorifique
Refrigeration partition

Hayon arrière supérieur
Rear upper tailgate



Hayon arrière inférieur
Rear lower tailgate

MEMO

Compensateurs de ponts / *Ramp springs*

MONTAGE

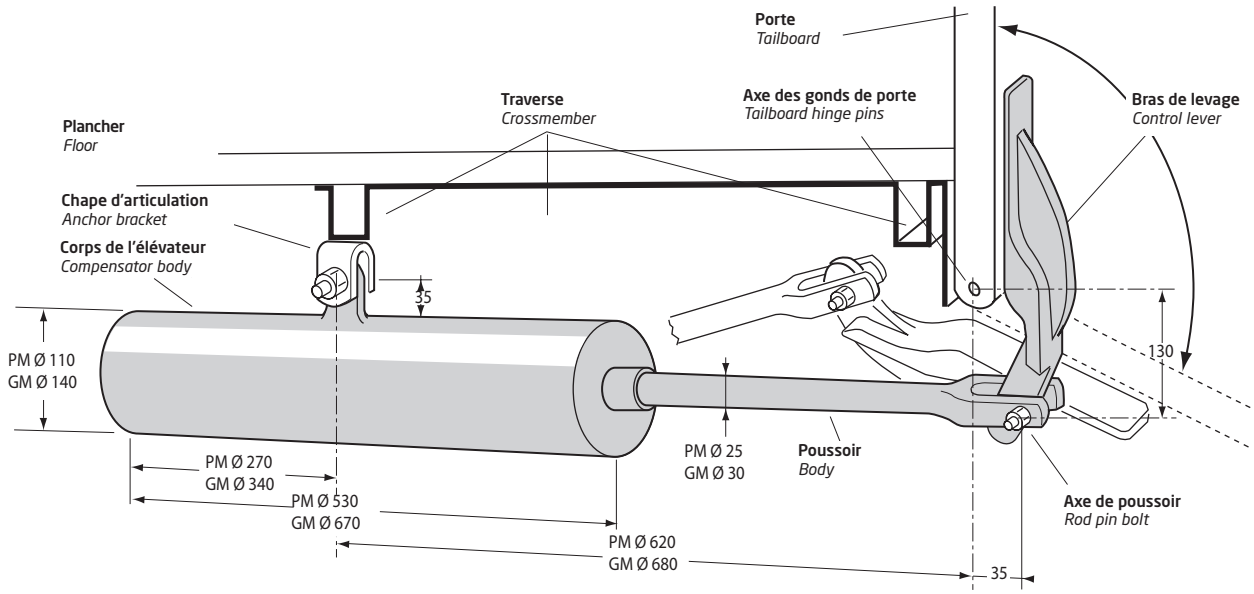
1. **Fixer le bras de relevage sur la partie inférieure de la porte à relever.**
2. **Placer le boulon servant d'axe de poussoir.**
   Placer le corps du releveur de façon à ce que la chape d'articulation qui est fixée en son milieu vienne toucher à la traverse destinée à le recevoir.
   Comprimer légèrement le ressort de 15 mm environ, (la porte étant fermée), et fixer la chape sur la traverse par soudure et boulons.

IMPORTANT : pour la bonne marche du releveur «IDEAL», le corps devra être placé absolument parallèle à l'axe du véhicule de façon à rester toujours d'équerre avec la porte. La traverse sur laquelle sera fixée la chape du corps de releveur sera reliée à la traverse arrière afin d'éviter le flambage sous l'action du ressort.

INSTALLATION

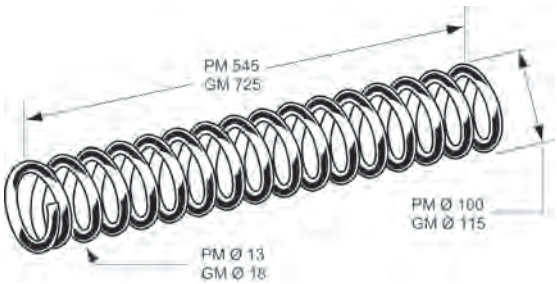
1° Screw the control lever on the lower part of the tailboard.
2° Insert rod pin bolt.
Install the compensator body to fit the anchor bracket against the support member.
Slightly compress spring 15 mm approx. (with door closed) and secur anchor bracket on support member (bolding or welding).

IMPORTANT NOTICE : for a proper operation of the «IDEAL» tailboard spring compensator, compensator body must be absolutely parallel with the compensator axis so that it always remains straight relative to the door. To avoid excessive stresses on the support member of the spring compensator it must be braced with the closing chassis member.



0804489GM 30
Compensateur de pont grand modèle. Poids maximal de relevage : 80 kg à 120 kg.
Tailboard spring compensator (large size). Capacity: 80 kg to 120 kg.

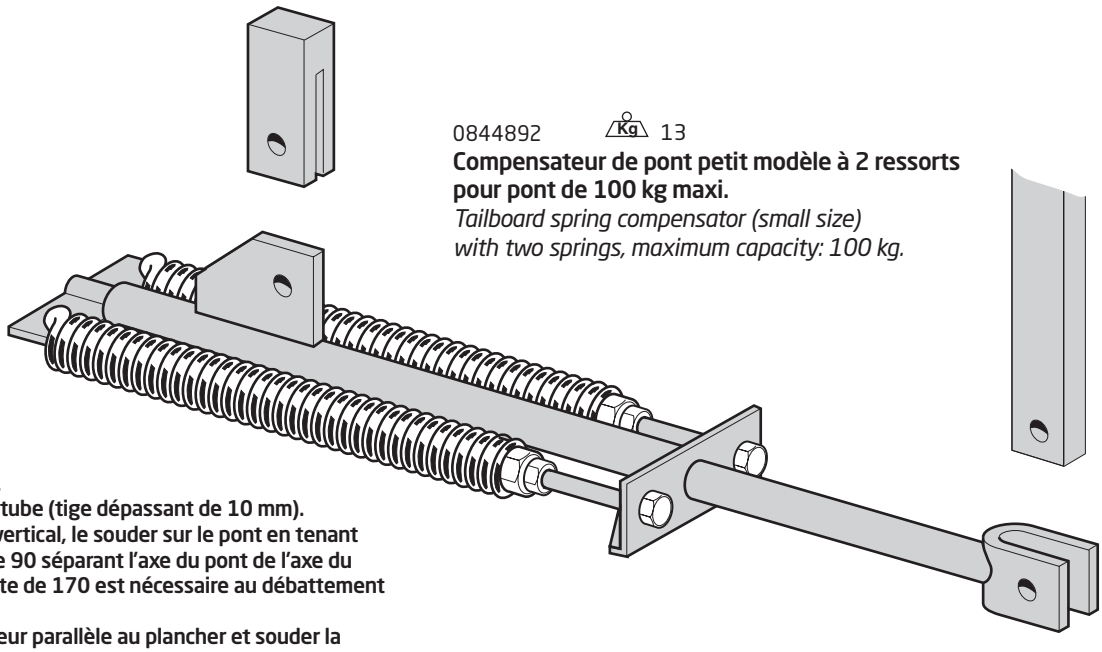
0804489PM 18
Compensateur de pont petit modèle. Poids maximal de relevage : 80 kg.
Tailboard spring compensator (small size). Maximum capacity: 80 kg.



0844890GM 10
Ressort seul pour compensateur grand modèle réf. 0804489GM.
Spring for tailboard compensator (large size) ref. 0804489GM.

0844890PM 5
Ressort seul pour compensateur petit modèle réf. 0804489PM.
Spring for tailboard compensator (small size) ref. 0804489PM.

Compensateurs de ponts / *Ramp springs*



0844892 Kg 13

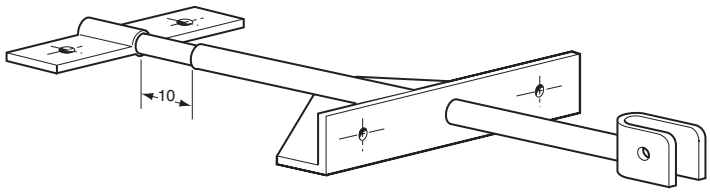
Compensateur de pont petit modèle à 2 ressorts pour pont de 100 kg maxi.

Tailboard spring compensator (small size) with two springs, maximum capacity: 100 kg.

MONTAGE :

1. **Enlever les ressorts.**
2. **Caler la tige dans le tube (tige dépassant de 10 mm).**
3. **Positionner le bras vertical, le souder sur le pont en tenant compte de la cote de 90 séparant l'axe du pont de l'axe du compensateur; la cote de 170 est nécessaire au débattement du compensateur.**
4. **Poser le compensateur parallèle au plancher et souder la patte arrière (d) le plus loin possible sur le tube.**
   Souder ensuite la chape (e).
   Assembler.
5. **Monter les ressorts.**
6. **Régler la tension et veiller à ce que les ressorts soient de la même longueur.**

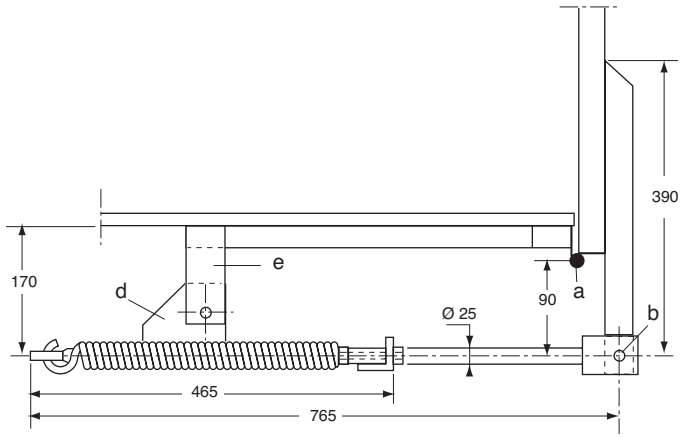
IMPORTANT : ne pas oublier de monter le contre-écrou à sa bonne place, c'est à dire sur le ressort et non au dos de la plaquette de tension (plaquette verticale). Il est possible de positionner ce releveur verticalement.

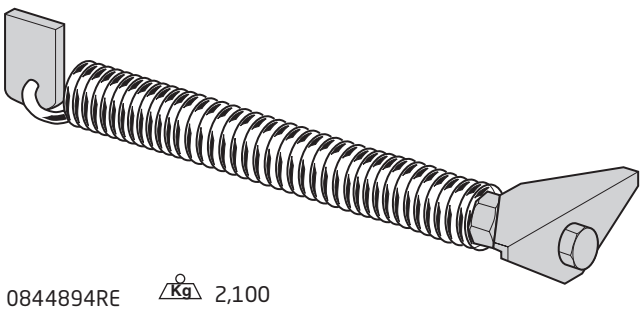


INSTALLATION:

1° Remove both springs.
2° Insert rod into pipe (visible length of rod at end of pipe : 10 mm
3° Install the vertical arm and weld into place on tailboard: adhere to following dimensions: 90 mm between tailboard center line and compensator center line;170 mm : necessary stroke for compensator.
4° Install compensator parallel with floor board and weld rear anchor bracket (d) at the rearmost end of pipe.
Then weld-on bracket (e).
Assemble all parts.
5° Install springs.
6° Adjust springs tension, both springs must be adjusted to same length.

IMPORTANT NOTICE: do not forget to install lock nut on spring. Never install nut at rear face of tensioning plate (vertical plate). This spring compensator can be installed in vertical position.





0844894RE Kg 2,100

Ressort supplémentaire sans pattes de fixation.

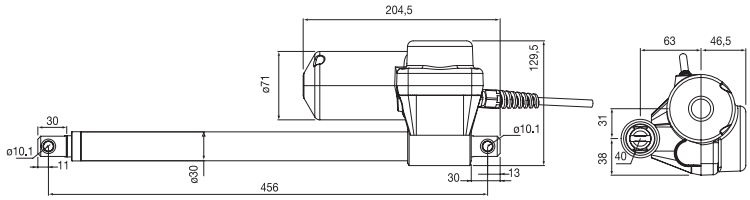
Additional spring without anchor brackets.

0844894

Ressort avec patte de fixation nécessaire pour transformer le releveur 0844892 en modèle à 3 ressorts pour pont de 150 kg maxi.

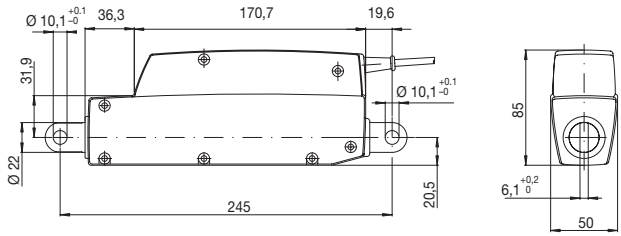
Spring with additional anchor brackets, necessary to convert a two springs compensator 0844892 into three springs compenstor. Maximum capacity: 150 kg.

Vérins électriques / *Actuators*



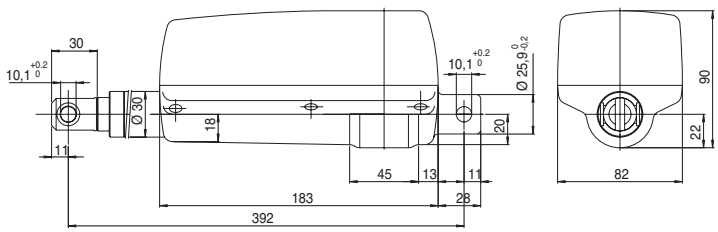
Vérin électrique LA30 avec carte de commande TREM208H externe. Classification IP66.
Electric actuator LA30 with external TREM208H motorcontroller. IP66 classified.

Référence *Reference*	Kg	Force *Trust force*	Course *Stroke*	Vitesse *Speed*	Intensité *Current*	Tension *Voltage*
2043802	2,8	3500	300	9,5 mm/s	18A	12



Vérin électrique ultra compact LA12PLC avec carte électronique et capteurs fin de course intégrés. Classification IP65. Livré avec câbles et 8 fils sans connecteur de 2300 mm.
Electric compact actuators LA12PLC equipped with electronic card and stroke end sensors. Classification IP65. Delivered with 8 wires without connectors, 2300 mm long.

Référence *Reference*	Kg	Force *Trust force*	Course *Stroke*	Vitesse *Speed*	Intensité *Current*	Tension *Voltage*
2043800	0,75	750	100	8 mm/s	1,8A	24



Vérin électrique Force 2000 N - Course 200 mm, chape plastique.
Electric actuator Force 2000 N - Stroke 200 mm, plastic gascket.

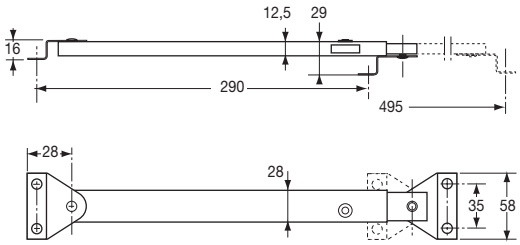
Référence *Reference*	Kg	Force *Trust force*	Course *Stroke*	Vitesse *Speed*	Intensité *Current*	Tension *Voltage*
2043810	1,9	2000	200	13 mm/s	4,4A	24
2043820	1,9	2000	200	13 mm/s	8A	12

Vérins électriques / *Actuators*

Interrupteur 3 positions pour vérins électriques.
3 positions switch for electric actuator.

Référence *Reference*	Kg
2043830	0,05

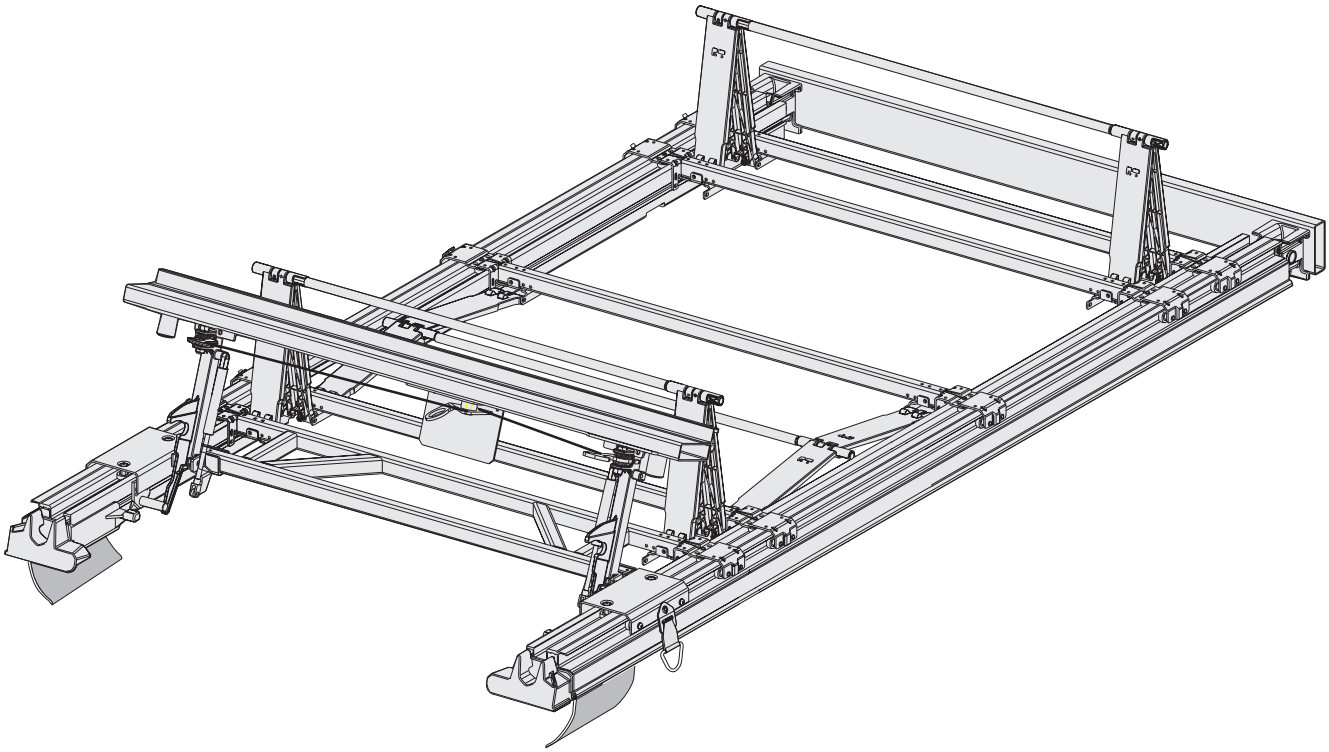
Autres systèmes de relevage / *Other lifting systems*



Béquille télescopique acier zingué bichromaté.
Telescopic prop in zinc plated steel.

Référence *Reference*	Kg
2004389	0,35

Kit complet OPEN / *OPEN kit*



KIT TOIT COULISSANT À RELEVEURS ARTICULÉS, MANŒUVRABLE DU SOL,
POUR VÉHICULES LARGEUR HORS TOUT 2550 mm.

- **Espacement entre arceaux 807 +/- 4 mm, voir fiche technique de montage 3110465FT.**
- **Pour longueur 13,55 m : pré-cintrage de la poutre aluminium 260 mm, encombrement du toit replié sur l'avant : 1,80 m.**

SLIDING ROOF KIT WITH ARTICULATED LIFTING PANELS, OUTSIDE OPENING,
FOR 2550 mm WIDTH VEHICLES.

- *Aluminium bows every 807 +/- 4 mm, see mounting technical data sheet 3110465FT.*
- *For 13,55 m length, curve of the aluminium cantrail section is 260 mm. Length of the roof opened at the front : 1,80 m.*

Longueur de la carrosserie (m) *Body length (m)*	Réf. du kit toit coulissant avec arceaux aluminium et traverse aluminium *Part number of the sliding roof kit with alu rear bow and alu rear header*	Kg	Réf. du kit toit coulissant avec arceaux aluminium et traverse acier *Part number of the sliding roof kit with alu rear bow and steel rear header*	Kg	Réf. du kit toit coulissant avec arceaux acier et traverse acier *Part number of the sliding roof kit with steel rear bow and steel rear header*	Kg
5,01 à/*to* 5,59	3110452TA	184	3110452	193	3110522	213
5,60 à/*to* 6,39	3110453TA	189	3110453	198	3110523	221
6,40 à/*to* 7,19	3110454TA	193	3110454	203	3110524	228
7,20 à/*to* 7,75	3110455TA	198	3110455	207	3110525	235
7,76 à/*to* 7,99	3110456TA	212	3110456	221	3110526	249
8,00 à/*to* 8,75	3110457TA	217	3110457	225	3110527	257
8,76 à/*to* 9,59	3110458TA	235	3110458	244	3110528	278
13,55	3110465TA	318	3110465	327	3110535	377

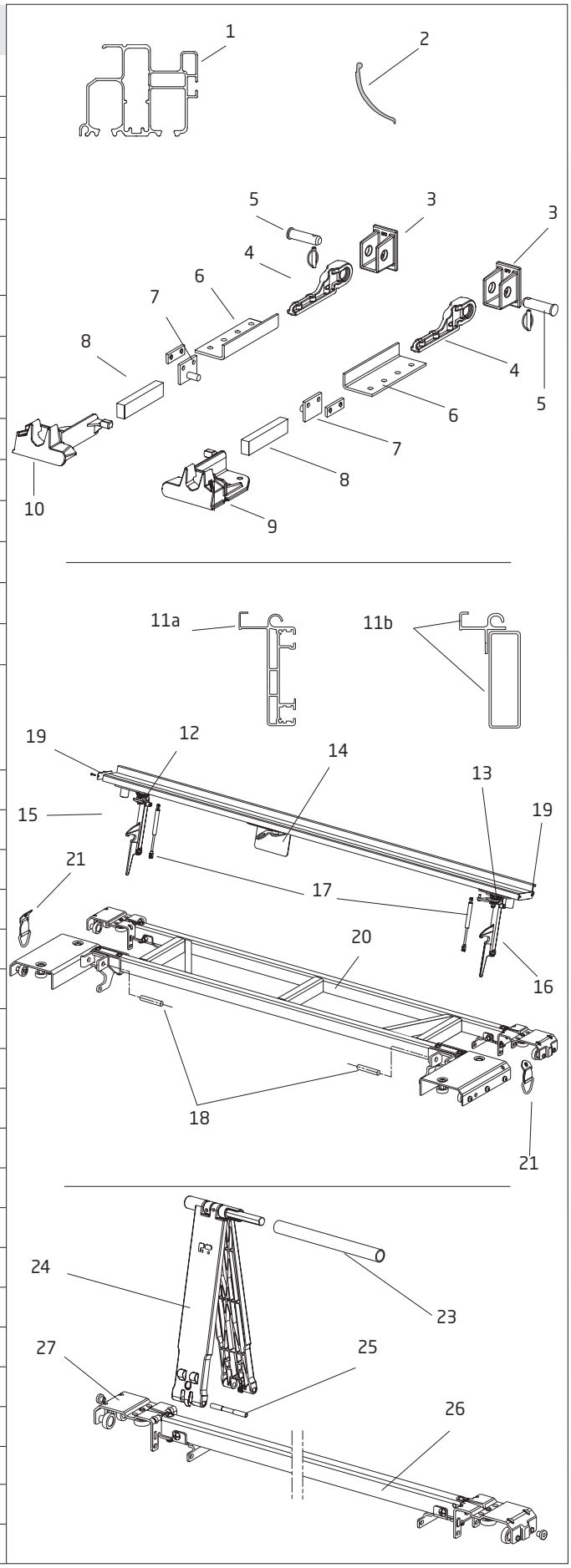
Autres longueurs, nous consulter.
For other dimensions, please contact us.

Pour la composition des kits, voir pages suivantes, repères 1 à 28.
Ne sont pas compris dans nos kits : la bâche, les poteaux, les chariots de poteaux et les chariots du bâchage latéral.

For our kits composition, see next pages, part numbers 1 to 28.
Not supplied with our kits : side pillars, trolleys for pillars and runners for side curtains.

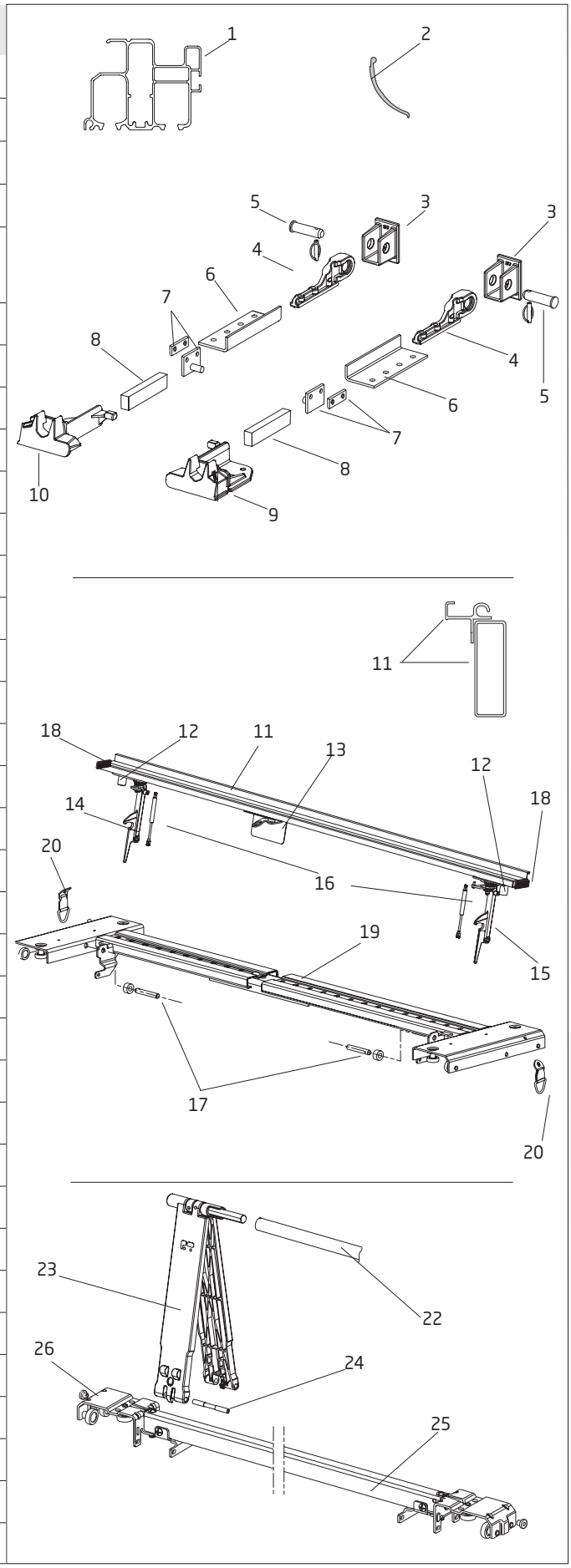
Accessoires communs OPEN / *Common OPEN accessories*

Rep. *Rep.*	Désignation *Designation*	Référence *Reference*	Qté *Qty*
1	Profil de toit aluminium, lg. 7,50 m *Aluminium cantrail, lgth 7,50 m*	3110072DR/GA	*
	Profil de toit aluminium, lg. 8,50 m *Aluminium cantrail, lgth 8,50 m*	3110073DR/GA	*
	Profil de toit aluminium, lg. 9,50 m *Aluminium cantrail, lgth 9,50 m*	3110380DR/GA	*
	Profil de toit aluminium, lg. 13,40 m *Aluminium cantrail, lgth 13,40 m*	3110075DR/GA	*
2	Profil bavette, lg. 17 m *Pelmet section, lgth 17 m*	3110259	*
ou/*or*	Profil bavette, lg. 27,40 m *Pelmet section, lgth 27,40 m*	3110250	*
3	Chape support avant *Front cantrail support*	3110080	2
4	Liaison poutre avant *Front cantrail connexion*	3110081	2
5	Axe de liaison avant *Axle for front cantrail supporte*	3110080AX	2
6	Plaque d'appui avant/Gabarit de perçage *Front support plate/Drilling gauge*	3110368	2
7	Butée de basculement *Tilting pin*	3110378	2
	+ barrette *+ fixing plate*	3110381	2
8	Tasseau arrière *Rear cantrail connexion*	3110365	2
9	Liaison arrière côté droit *Rear cantrail support-Right side*	3110364DR	1
10	Liaison arrière côté gauche *Rear cantrail support-Left side*	3110364GA	1
11a ou/*or*	Traverse aluminium équipée (Rep 12, 13, 14, 15 et 16 montés) *Aluminium rear header fully assembled (including items 12, 13, 14, 15 and 16)*	3110065TE	1
11b	Traverse acier équipée Rep. 12, 13, 15 et 16 soudés *Steel rear header assembled items 12, 13, 15 and 16 welded*	3110384TE	1
	+ fixe bâche *+ hooking cover profile*	3110374	1
12	Platine de centrage côté gauche *Centering plate left*	3110382GA	1
13	Platine de centrage côté droit *Centering plate right*	3110382DR	1
14	Ensemble de déverrouillage avec tringles *Locking device with rods*	3110064	1
15	Support de traverse équipée côté gauche *Rear header bar support device-Left side*	3110366GA	1
16	Support de traverse équipée côté droit *Rear header bar support device-Right side*	3110366DR	1
17	Compas à gaz pour traverse aluminium *Gas spring for aluminium rear header*	2043917F	2
18	Axe pour support de traverse *Pin for rear header bar support*	3110370AX	2
19	Embouts pour traverse aluminium *End cap for aluminium header*	3110383EM	2
20	Arceau double arrière assemblé *Aluminium double rear bow assembled*	3110125AM	1
21	Sangle de manœuvre *Strap*	3110375	2
22	Kit visserie *Screws set*	3110465KV	1
23	Tube aluminium Ø 20 x 1,8 mm *Aluminium tube Ø 20 x 1,8 mm*	3110359EX	*
24	Relève bâche assemblé *Articulated lifting panels*	3110367	*
25	Axe de relève-bâche *Pin for lifting panels*	3110367AX	*
26	Arceau simple aluminium 40 x 30 assemblé *Aluminium cross bow 40 x 30 assembled*	3110128AM	*
27	Bague de maintien *Roof cover washer*	3110369	*
	+ rivet *+ rivet*	5814151SE	*
28	Fiche technique de montage *Mounting instructions*	3110465FT	1
*	Quantité suivant longueur de la carrosserie *Quantity depending of body length*		

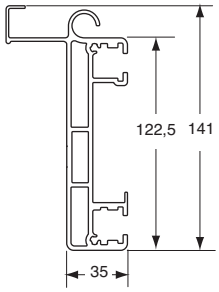


Accessoires communs OPEN / *Common OPEN accessories*

Rep. *Rep.*	Désignation *Designation*	Référence *Reference*	Qté *Qty*
1	Profil de toit aluminium, lg. 7,50 m *Aluminium cantrail, lgth 7,50 m*	3110072DR/GA	*
	Profil de toit aluminium, lg. 8,50 m *Aluminium cantrail, lgth 8,50 m*	3110073DR/GA	*
	Profil de toit aluminium, lg. 9,50 m *Aluminium cantrail, lgth 9,50 m*	3110380DR/GA	*
	Profil de toit aluminium, lg. 13,40 m *Aluminium cantrail, lgth 13,40 m*	3110075DR/GA	*
2	Profil bavette, lg. 17 m *Pelmet section, lgth 17 m*	3110259	*
ou/*or*	Profil bavette, lg. 27,40 m *Pelmet section, lgth 27,40 m*	3110250	*
3	Chape support avant *Front cantrail support*	3110080	2
4	Liaison poutre avant *Front cantrail connexion*	3110081	2
5	Axe de liaison avant *Axle for front cantrail supporte*	3110080AX	2
6	Plaque d'appui avant/Gabarit de perçage *Front support plate/Drilling gauge*	3110368	2
7	Butée de basculement *Tilting pin*	3110378	2
	+ barrette *+ fixing plate*	3110381	2
8	Tasseau arrière *Rear cantrail connexion*	3110365	2
9	Liaison arrière côté droit *Rear cantrail support-Right side*	3110364DR	1
10	Liaison arrière côté gauche *Rear cantrail support-Left side*	3110364GA	1
11	Traverse acier équipée Rep. 12, 14 et 15 soudés *Steel rear header assembled items 12, 14 and 15 welded*	3110384TE	1
	+ profil fixe bâche *+ hooking cover profile*	3110374	1
12	Pion de centrage pour traverse acier *Centering pin for steel rear header*	3110371	2
13	Ensemble de déverrouillage avec tringles *Locking device with rods*	3110064	1
14	Support de traverse équipée côté gauche *Rear header bar support device-Left side*	3110366GA	1
15	Support de traverse équipée côté droit *Rear header bar support device-Right side*	3110366DR	1
16	Compas à gaz pour traverse acier *Gas spring for steel rear header*	2043917G	2
17	Axe pour support de traverse *Pin for rear header bar support*	3110370AX	2
	+ rondelle pour support traverse *and washer*	3110370EN	5
18	Bouchon pour traverse acier *End caps for steel rear header*	3110384EM	2
19	Arceau arrière assemblé *Main rear bow assembled*	3110370	1
20	Sangle de manœuvre *Strap*	3110375	2
21	Kit visserie *Screws set*	3110465KV	1
22	Tube aluminium Ø 20 x 1,8 mm *Aluminium tube Ø 20 x 1,8 mm*	3110359EX	*
23	Relève bâche assemblé *Articulated lifting panels*	3110367	*
24	Axe de relève-bâche *Pin for lifting panels*	3110367AX	*
25	Arceau simple acier 40 x 30 assemblé *Steel cross bow 40 x 30 assembled*	3110120AM	*
26	Bague de maintien *Roof cover washer*	3110369	*
	+ rivet POP *+ POP rivet*	5814151SE	*
27	Fiche technique de montage *Mounting instructions*	3110465FT	1
*	Quantité suivant longueur de la carrosserie *Quantity depending of body length*		

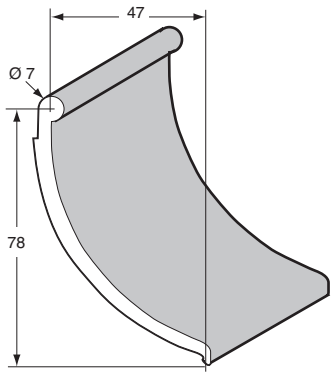


Accessoires communs OPEN / *Common OPEN accessories*



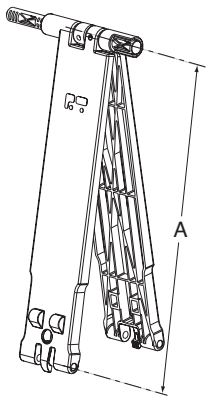
Traverse arrière seule, aluminium brut, longueur 2540 mm.
Self colour aluminium rear header bar, 2540 length.

Référence *Reference*	Kg	Longueur *Length*
3110065	9	2540



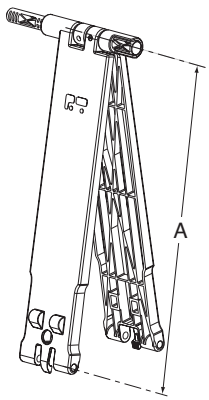
Profil bavette grise.
Grey P.V.C. flop profile.

Référence *Reference*	Kg	Longueur *Length*
3110250	19	27,4
3110259	11	17



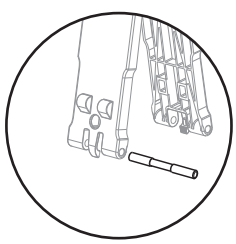
Relève bâche GM assemblé A = 373 mm (pas de 800 mm).
LM articulated lifting panels, A = 373 mm (step of 800 mm).

Référence *Reference*	Kg	A (mm)
3110367	0,44	373



Relève bâche PM assemblé A = 273 mm (pas de 600 mm).
SM articulated lifting panels, A = 273 mm (step of 600 mm).

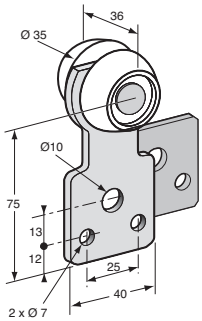
Référence *Reference*	Kg	A (mm)
3110389	0,35	273



Axe pour relève bâche.
Pin for articulated lifting panels.

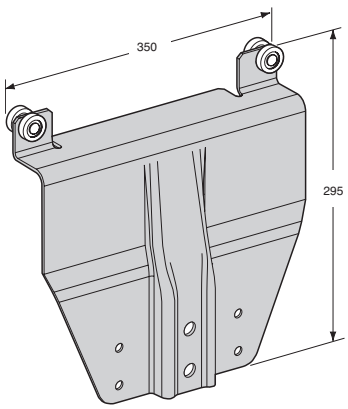
Référence *Reference*	Kg
3110367AX	0,035

Accessoires communs OPEN / *Common OPEN accessories*



Chariot de bâchage complet acier zingué avec contre plaque et galets nylon.
Zinc plated steel curtain bracket and wall-plate with nylon rollers.

Référence *Reference*	Kg
3110385	0,165



Chariot coulissant porte-poteau acier cataphorèse, avec galets nylon.
Steel sliding trolley for pillar, black epoxy primer, with nylon rollers.

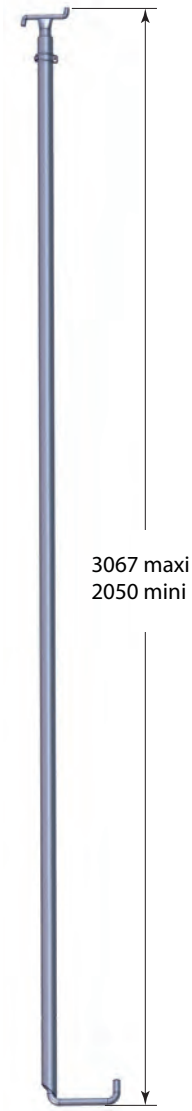
Référence *Reference*	Kg
3110397	2,8

Profil fixe bâche aluminium brut.
Hooking cover profile, self colour aluminium.

Référence *Reference*	Kg	Longueur *Length*
3110374	3	2550

Jonc d'accrochage de bâche.
Plastic profile to fix tarpaulin.

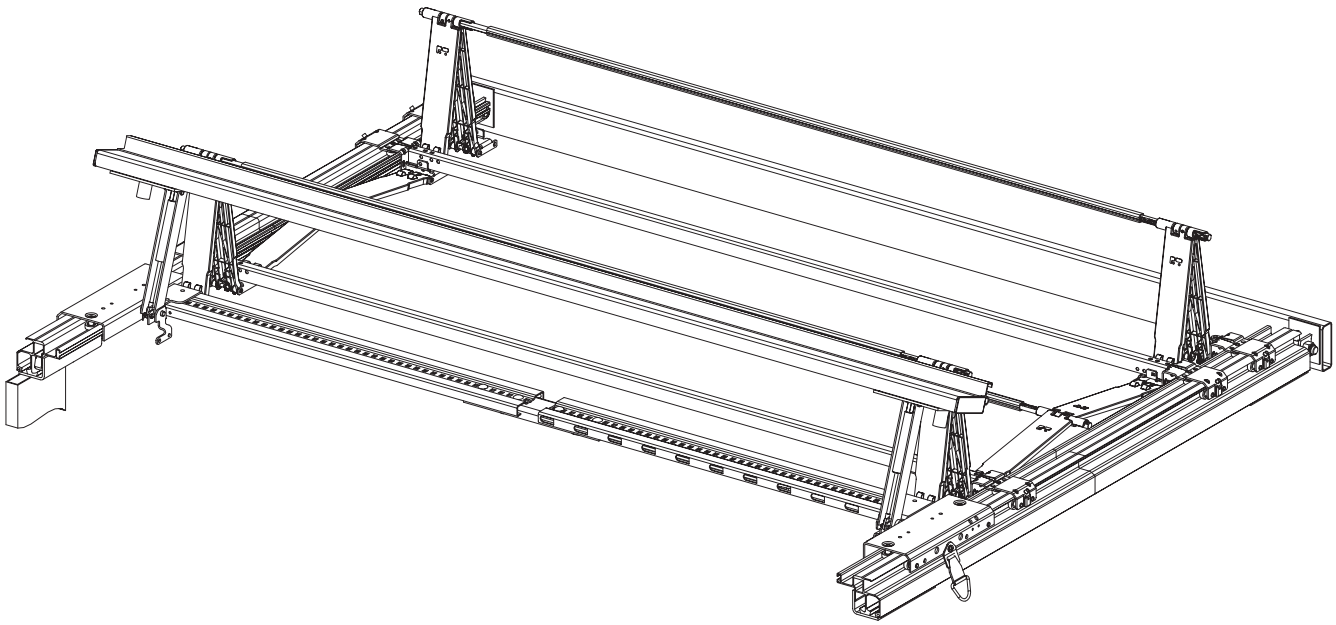
Référence *Reference*	Kg	Longueur *Length*
3110273	0,25	3200



Perche télescopique, acier zingué bichromaté.
Telescopic pole, zinc bichromated steel.

Référence *Reference*	Kg	Longueur *Length*
3110388 S	4,400	2050 3067

Kit complet OPEN PLUS 3T5 / *3T5 OPEN PLUS kit*



KIT TOIT COULISSANT OPEN PLUS 3T5 À RELEVEURS ARTICULÉS, MANŒUVRABLE DU SOL, POUR VÉHICULES LARGEUR HORS TOUT 2550 mm.

- Espacement entre arceaux 807 +/- 4 mm.

SLIDING ROOF 3T5 OPEN PLUS KIT WITH ARTICULATED LIFTING PANELS, OUTSIDE OPENING, FOR 2550 mm WIDTH VEHICLES.

- Aluminium bows every 807 +/- 4 mm.

Longueur de la carrosserie (m) *Body length (m)*	Réf. du kit toit coulissant avec arceaux aluminium et traverse aluminium *Part number of the sliding roof kit with alu rear bow and alu rear header*	Kg	Réf. du kit toit coulissant avec arceaux aluminium et traverse acier *Part number of the sliding roof kit with alu rear bow and steel rear header*	Kg	Réf. du kit toit coulissant avec arceaux acier et traverse acier *Part number of the sliding roof kit with steel rear bow and steel rear header*	Kg
3,80 à/*to* 4,59	3110601TA	130	3110601	136	3110621	156
4,60 à/*to* 5,39	3110602TA	135	3110602	141	3110622	164

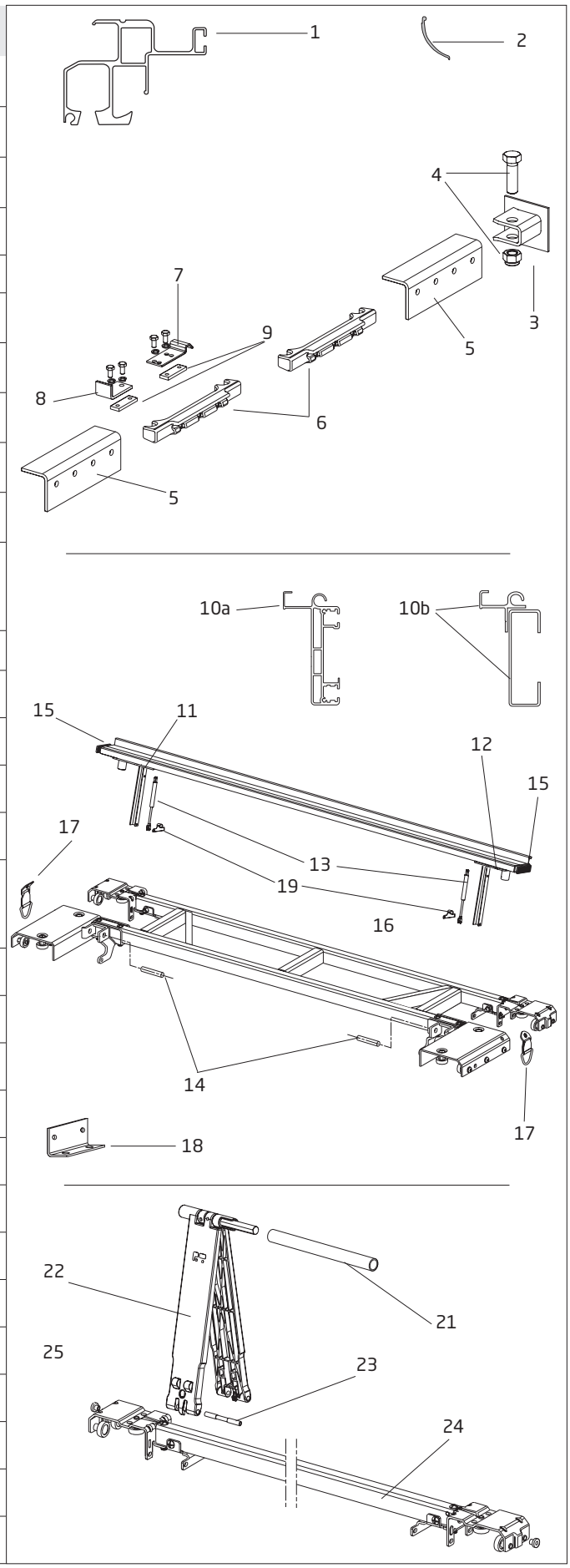
Autres longueurs, nous consulter.
For other dimensions, please contact us.

Pour la composition des kits, voir pages suivantes, repères 1 à 26.
Ne sont pas compris dans nos kits : la bâche, les poteaux, les chariots de poteaux et les chariots du bâchage latéral.

For our kits composition, see next pages, part numbers 1 to 26.
Not supplied with our kits : side pillars, trolleys for pillars and runners for side curtains.

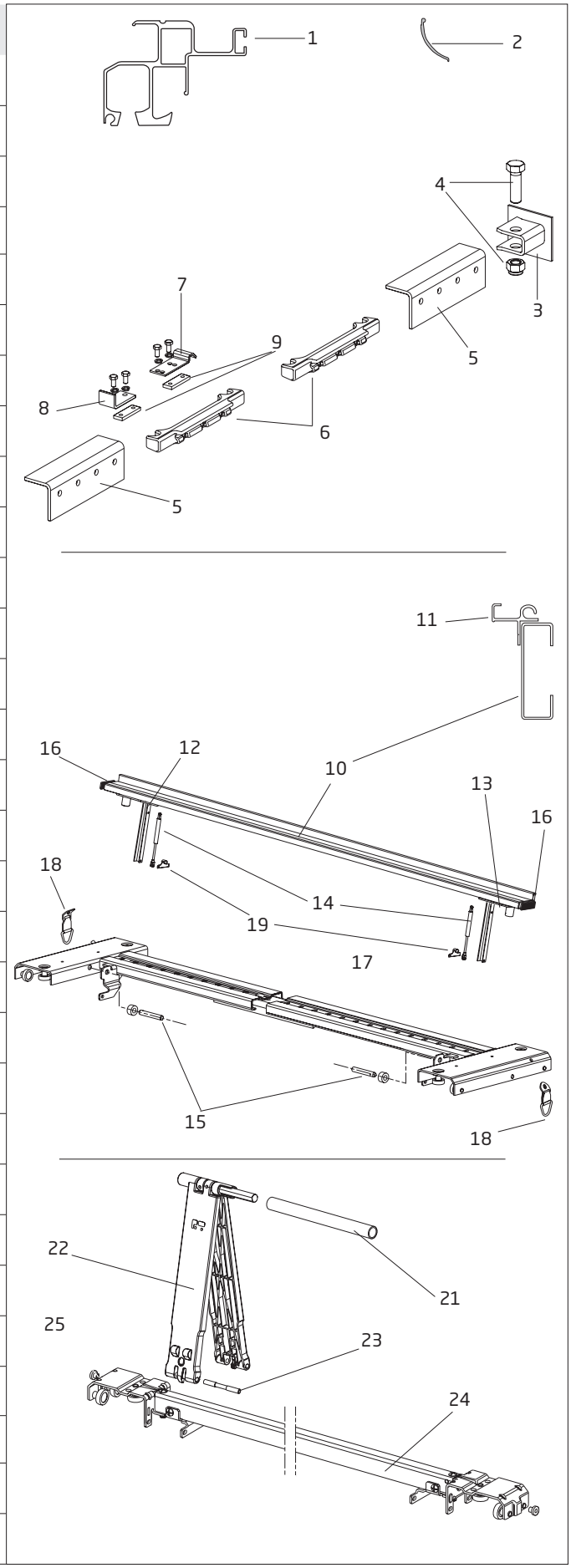
Toit coulissant OPEN PLUS 3T5 Aluminium / *OPEN PLUS 3T5 sliding roof Aluminium*

Rep. *Rep.*	Désignation *Designation*	Référence *Reference*	Qté *Qty*
1	Profil de toit aluminium, lg. 5,30 m *Aluminium cantrail, lgth 5,30 m*	3110134DR/GA	1+1
2	Profil bavette, lg. 17 m *Pelmet section, lgth 17 m*	3110259	*
3	Chape support avant *Front cantrail support*	3110063	2
4	Axe de liaison avant *Axle for front cantrail support*	3110050AX	2
	+ écrou *+ nut*	5761220	2
5	Plaque d'appui avant / arrière *Front / Rear support plate*	3110051	4
6	Tasseau de liaison *Cantrail connexion*	3110050	4
7	Butée d'arceau *Rear bow stop*	3110053	2
8	Butée de fin de course *Stop end stroke*	3110062	2
9	Barrette *Fixing plate*	3110381	4
10a ou/*or* 10b	Traverse aluminium *Aluminium rear header*	3110065	1
	Traverse acier ouverte *Steel rear opened header*	3110060	1
	+ fixe bâche *+ hooking cover profile*	3110374	1
11	Bras support de traverse côté gauche *Rear header bar support device left*	3110055GA	1
12	Bras support de traverse côté droit *Rear header bar support device right*	3110055DR	1
13	Compas à gaz *Gas spring*	2043918H	2
14	Axe pour support de traverse *Pin for rear header bar support*	3110370AX	2
15 ou/*or*	Embout pour traverse aluminium *End cap for aluminium header*	3110383EM	2
	Bouchon pour traverse acier *End cap for steel header*	3110384EM	2
16	Arceau double arrière assemblé *Aluminium double rear bow assembled*	3110125AM	1
17	Sangle de manœuvre *Lashing strap*	3110375	2
18	Porte verrou *Padlock support*	3110058	2
19	Porte vérin pour arceau aluminium *Support-jack for aluminium bow*	3110057	2
20	Kit visserie *Screws set*	3110600KV	1
21	Tube aluminium Ø 20 x 1,8 mm *Aluminium tube Ø 20 x 1,8 mm*	3110359EX	*
22	Relève bâche assemblé *Articulated lifting panels*	3110367	*
23	Axe de relève-bâche *Pin for lifting panels*	3110367AX	*
24	Arceau simple aluminium 40 x 30 assemblé *Aluminium cross bow 40 x 30 assembled*	3110128AM	*
25	Bague de maintien *Roof cover washer*	3110369	*
	+ rivet POP *+ POP rivet*	5814151SE	*
26	Fiche technique de montage *Mounting instructions*	3110622FT	1
*	Quantité suivant longueur de la carrosserie *Quantity depending of body length*		

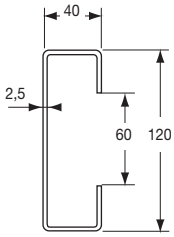


Toit coulissant OPEN PLUS 3T5 Acier / *OPEN PLUS 3T5 sliding roof Steel*

Rep. *Rep.*	Désignation *Designation*	Référence *Reference*	Qté *Qty*
1	Profil de toit aluminium, lg. 5,30 m *Aluminium cantrail, lgth 5,30 m*	3110134DR/GA	1+1
2	Profil bavette, lg. 17 m *Pelmet section, lgth 17 m*	3110259	*
3	Chape support avant *Front cantrail support*	3110063	2
4	Axe de liaison avant *Axle for front cantrail support*	3110050AX	2
	+ écrou *+ nut*	5761220	2
5	Plaque d'appui avant / arrière *Front / Rear support plate*	3110051	4
6	Tasseau de liaison *Cantrail connexion*	3110050	4
7	Butée d'arceau *Rear bow stop*	3110053	2
8	Butée de fin de course *Stop end stroke*	3110062	2
9	Barrette *Fixing plate*	3110381	2
10	Traverse acier ouverte *Steel rear opened header*	3110060	1
11	Profil fixe bâche *Fixing cover profile*	3110374	1
12	Bras support de traverse côté gauche *Rear header bar support device-Left side*	3110055GA	1
13	Bras support de traverse côté droit *Rear header bar support device-Right side*	3110055DR	1
14	Compas à gaz *Gas spring*	2043918H	2
15	Axe pour support de traverse *Pin for header bar support*	3110370AX	2
	+ rondelle pour support de traverse *+ washer for header bar support*	3110370EN	2
16	Bouchon pour traverse acier *End cap for steel header*	3110384EM	2
17	Arceau porte traverse *Bow for aluminium header bar support*	3110370	1
18	Sangle de manœuvre *Lashing strap*	3110375	2
19	Porte vérin pour arceau acier *Support-jack for steel bow*	3110056	2
20	Kit visserie *Screws set*	3110600KV	1
21	Tube aluminium Ø 20 x 1,8 mm *Aluminium tube Ø 20 x 1,8 mm*	3110359EX	*
22	Relève bâche assemblé *Articulated lifting panels*	3110367	*
23	Axe de relève-bâche *Pin for lifting panels*	3110367AX	*
24	Arceau simple acier 40 x 30 assemblé *Steel cross bow 40 x 30 assembled*	3110120AM	*
25	Bague de maintien *Roof cover washer*	3110369	*
	+ rivet POP *+ POP rivet*	5814151SE	*
26	Fiche technique de montage *Mounting instructions*	3110622FT	1
*	Quantité suivant longueur de la carrosserie *Quantity depending of body length*		

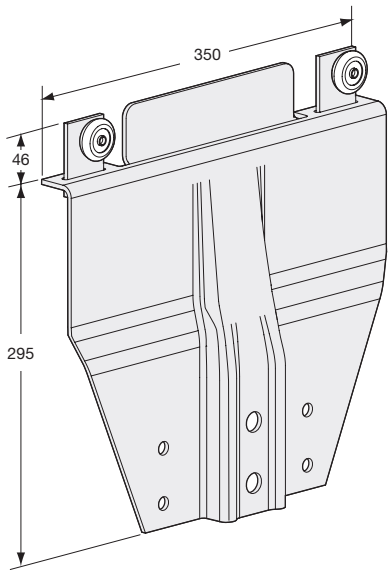


Accessoires OPEN PLUS / *OPEN PLUS accessories*



Traverse acier galvanisé.
Galvanized steel header bar.

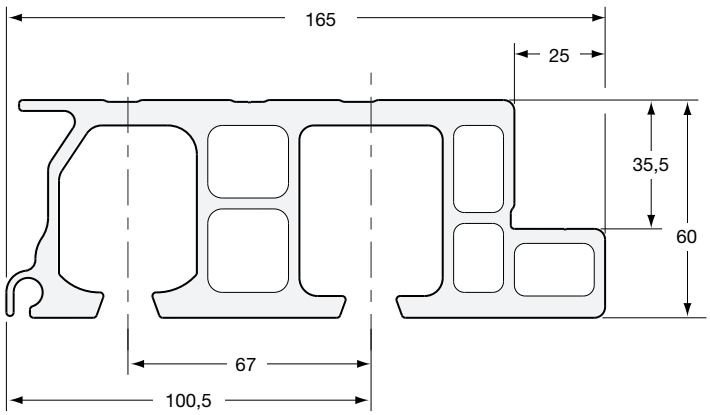
Référence *Reference*	Kg
3110060	10

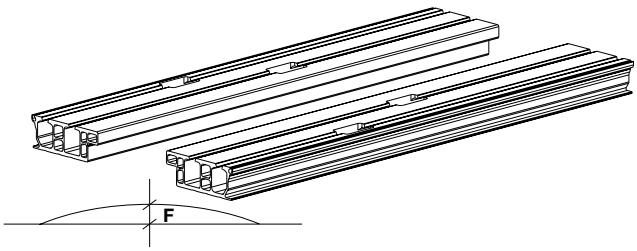


Chariot coulissant porte-poteau acier cataphorèse, avec galets nylon.
Steel sliding trolley for pillar, black epoxy primer, with nylon rollers.

Référence *Reference*	Kg
3110393	2,8

Poutres alu OPEN Flat / *OPEN Flat aluminium beams*

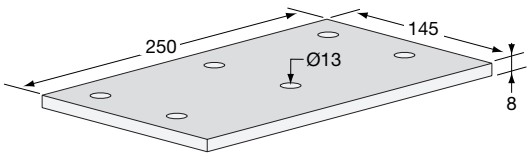




Profil alumium brut, pour véhicule avec toit fixe, modèle usiné et cintré.
Self colour aluminium profile, for vehicle with fixed roof, machined and curved model.

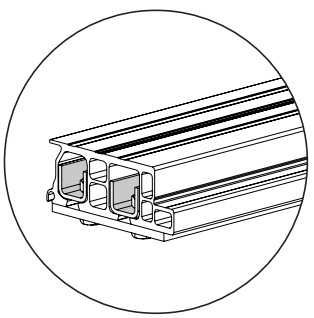
Référence *Reference*	Kg	F (mm)	Longueur *Length*	Côté *Hand*
3115024DR	79,26	50	9,7	Droit (e) *Right*
3115024GA	76,26	50	9,7	Gauche *Left*
3115025DR	107,7	160	13,7	Droit (e) *Right*
3115025GA	107,7	160	13,7	Gauche *Left*

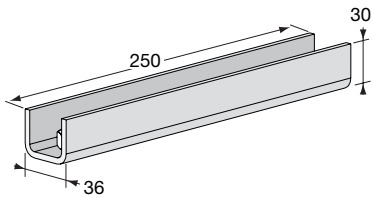
Accessoires OPEN Flat / *OPEN Flat Accessories*



Platine de fixation, acier zingué pour toit OPEN FLAT.
Zinc plated mounting plate, for OPEN FLAT roof.

Référence *Reference*	Kg
3115030	2,225

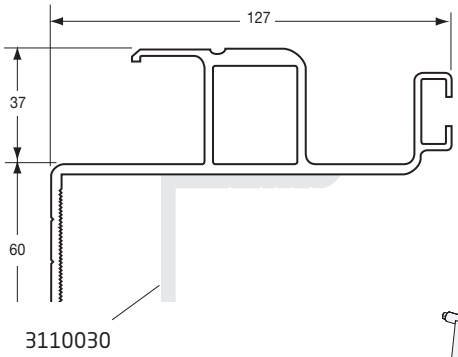




Tasseau de fixation, acier zingué pour toit OPEN FLAT.
Zinc plated fixing bracket, for OPEN FLAT roof.

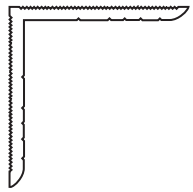
Référence *Reference*	Kg
3115031	0,715

Kit complet OPEN PLUS R / *OPEN PLUS R kit*



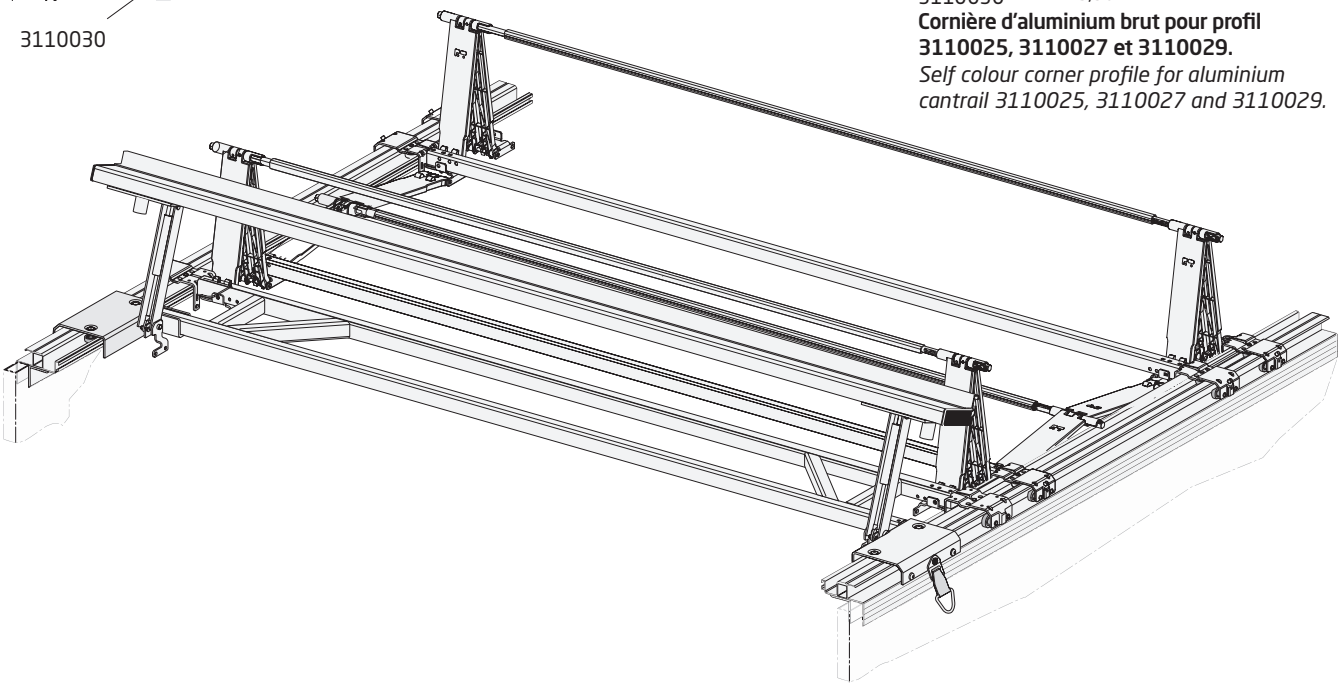
Profil de toit coulissant, aluminium brut, pour véhicule avec parois rigides.
Self colour aluminium cantrail, for vehicle with rigid panel.

3110025 ◄5,30 m►
3110027 ◄7,60 m►
3110029 ◄9,60 m►



3110030 ◄5,30 m►
Cornière d'aluminium brut pour profil 3110025, 3110027 et 3110029.
Self colour corner profile for aluminium cantrail 3110025, 3110027 and 3110029.

3110030



KIT TOIT COULISSANT POUR FOURGON OPEN PLUS'R À RELEVEURS ARTICULÉS, MANŒUVRABLE DU SOL, POUR VÉHICULES LARGEUR HORS TOUT 2550 mm.
Espacement entre arceaux 807 +/- 4 mm.

SLIDING ROOF OPEN PLUS'R KIT FOR rigid body WITH ARTICULATED LIFTING PANELS, OUTSIDE OPENING, FOR 2550 mm WIDTH VEHICLES.
Aluminium bows every 807 +/- 4 mm.

Longueur de la carrosserie (m) *Body length (m)*	Réf. du kit toit coulissant avec arceaux aluminium et traverse aluminium *Part number of the sliding roof kit with alu rear bow and alu rear header*	Kg	Réf. du kit toit coulissant avec arceaux aluminium et traverse acier *Part number of the sliding roof kit with alu rear bow and steel rear header*	Kg
3,05 à/*to* 3,84	3110580TA	85	3110580	91
3,85 à/*to* 4,64	3110581TA	96	3110581	102
4,65 à/*to* 5,34	3110582TA	103	3110582	109
5,35 à/*to* 5,44	3110583TA	124	3110583	130
5,45 à/*to* 6,24	3110584TA	127	3110584	133
6,25 à/*to* 7,04	3110585TA	132	3110585	138
7,05 à/*to* 7,64	3110586TA	137	3110586	143
7,65 à/*to* 7,84	3110587TA	150	3110587	156
7,85 à/*to* 8,64	3110588TA	159	3110588	165
8,65 à/*to* 9,44	3110589TA	164	3110589	170
9,45 à/*to* 9,64	3110590TA	166	3110590	172

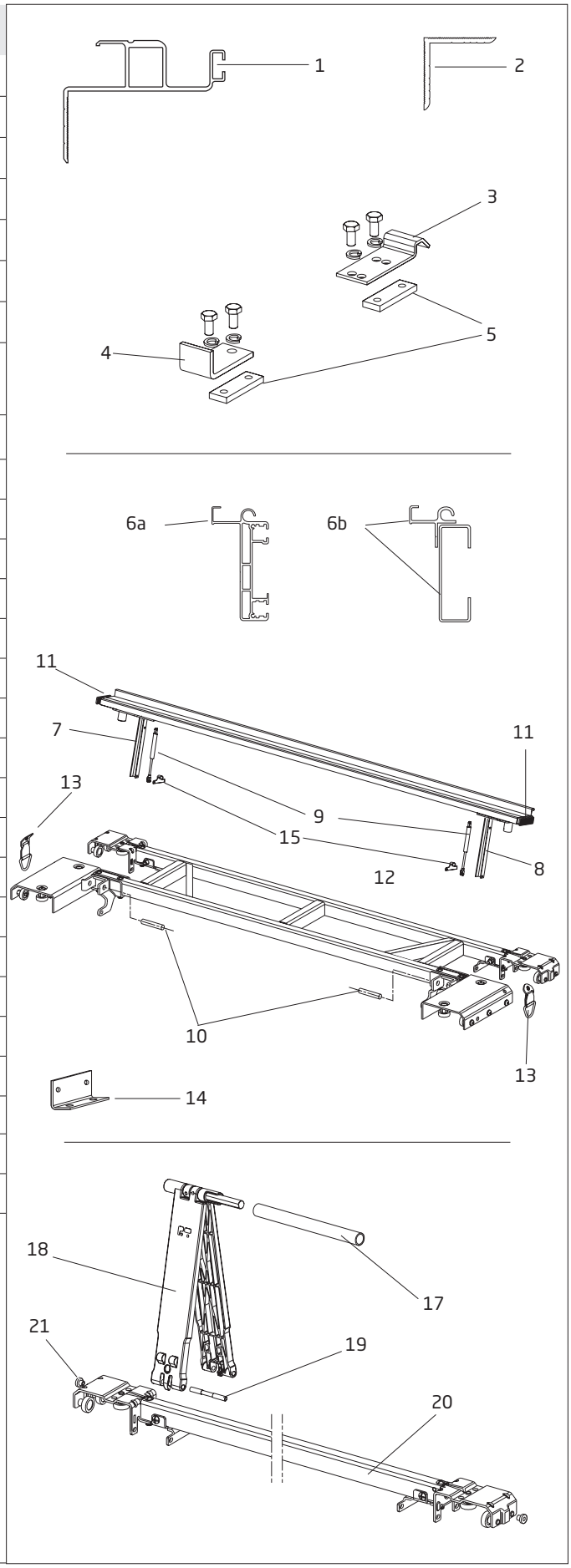
Autres longueurs, nous consulter. / *For other dimensions, please contact us.*

Pour la composition des kits, voir pages suivantes, repères 1 à 22.
La bâche et la perche de manœuvre 3110388S ne sont pas comprises dans nos kits.

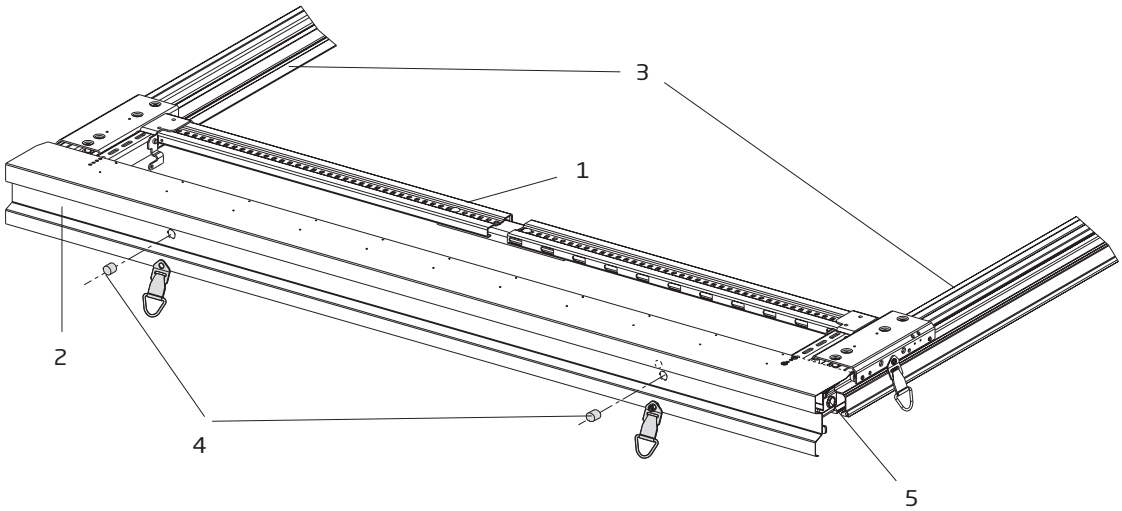
For our kits composition, see next pages, part numbers 1 to 22.
The hooking cover and the telescopic pole 3110388S are not included in the kits.

Accessoires OPEN PLUS R / *OPEN PLUS R accessories*

Rep. *Rep.*	Désignation *Designation*	Référence *Reference*	Qté *Qty*
1	Profil de toit aluminium, lg. 5,30 m *Aluminium cantrail, lgth 5,30 m*	3110025	*
	Profil de toit aluminium, lg. 7,60 m *Aluminium cantrail, lgth 7,60 m*	3110027	*
	Profil de toit aluminium, lg. 9,60 m *Aluminium cantrail, lgth 9,60 m*	3110029	*
2	Cornière aluminium, lg. 5,30 m *Aluminium angle profile 5,30 m lgth.*	3110030	*
3	Butée d'arceau *Tilting pin*	3110053	2
4	Butée de fin de course *Stop end stroke*	3110062	2
5	Barrette *Fixing plate*	3110381	4
6a ou/*or*	Traverse aluminium *Aluminium rear header*	3110065	1
6b	Traverse acier ouverte *Steel rear opened header*	3110060	1
	+ fixe bâche *+ hooking cover profile*	3110374	1
7	Bras support de traverse côté gauche *Rear header bar support device left*	3110055GA	1
8	Bras support de traverse côté droit *Rear header bar support device right*	3110055DR	1
9	Compas à gaz *Gaz spring*	2043918H	1
10	Axe pour support de traverse *Pin for header bar support*	3110370AX	2
11	Embout pour traverse aluminium *End cap for aluminium header*	3110383EM	2
ou/*or*	Bouchon pour traverse acier *End cap for steel header*	3110384EM	2
12	Arceau double arrière assemblé *Aluminium double rear bow assembled*	3110125AM	2
13	Sangle de manœuvre *Lashing strap*	3110375	2
14	Porte verrou *Padlock support*	3110058	2
15	Porte vérin pour arceau aluminium *Support-jack for aluminium bow*	3110057	2
16	Kit visserie *Screws set*	3110580KV	1
17	Tube aluminium Ø 20 x 1,8 mm *Aluminium tube Ø 20 x 1,8 mm*	3110359EX	*
18	Relève bâche assemblé *Articulated lifting panel*	3110367	*
19	Axe de relève-bâche *Pin for lifting panel*	3110367AX	*
20	Arceau simple aluminium 40 x 30 assemblé *Aluminium cross bow 40 x 30 assembled*	3110128AM	*
21	Bague de maintien *Roof cover washer*	3110369	*
	+ rivet POP *+ POP rivet*	5814151SE	*
22	Fiche technique de montage *Mounting instructions*	3110580FT	1
*	Quantité suivant longueur de la carrosserie *Quantity depending of body length*		



Accessoires spéciaux / *Special accessories*



3110132 Kg 43

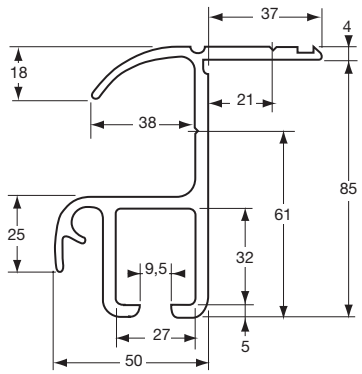
Kit d'ouverture avant pour toit coulissant Open et Open Plus.
Front opening kit for sliding roof Open and Open Plus.

Composition d'un kit.
Kit composition.

Rep. *Rep.*	Désignation *Designation*	Référence *Reference*	Qté *Qty*
1	Arceau acier *Steel bow*	3110370	1
2	Capot d'ouverture *Opening bonnet*	3110132CA	1
3	Bras d'ouverture avant *Front opening bar*	3110132BR	2
4	Kit visserie *Screws set*	3110132KV	1
5	Joint d'étanchéité *Tightness-joint*	1132395	3,20 m

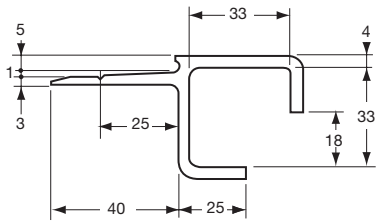
Tension des bâches voir chapitre Ouvrant.
Curtain tensioning, see Opening chapter.

Accessoires spéciaux / *Special accessories*



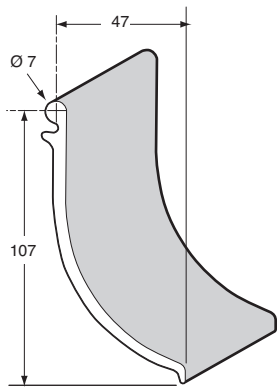
Profil de toit extérieur aluminium brut.
Outer raw aluminium roof profile.

Référence *Reference*	Longueur *Length*
3110226	6,7
3110227	8,3



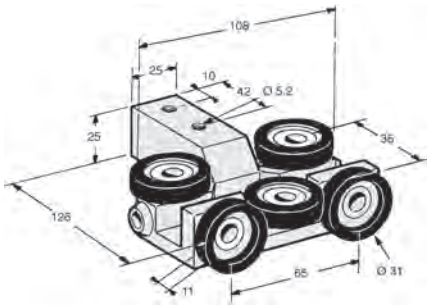
Profil de toit intérieur aluminium brut.
Inter raw aluminium roof profile.

Référence *Reference*	Longueur *Length*
3110230	8,3



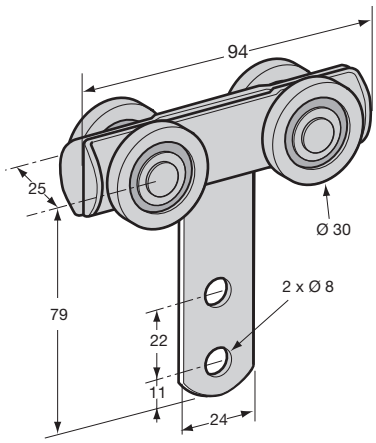
Profil bavette grise.
Grey P.V.C. flop profile.

Référence *Reference*	Kg	Longueur *Length*
3110225	17	27,4



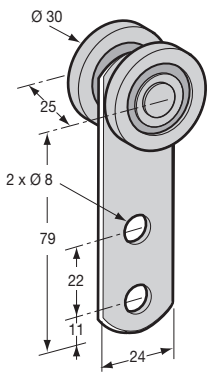
Chariot pour bâchage coulissant avec support aluminium et galets nylon.
Troley for sliding covers with aluminium bracket and nylon rollers.

Référence *Reference*	Kg
3110235	0,35



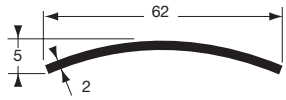
Chariot double, acier zingué.
Zinc plated steel double trolley.

Référence *Reference*	Kg
3110233	0,205



Chariot simple, acier zingué.
Zinc plated steel simple trolley.

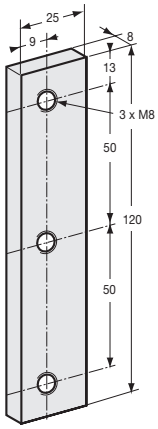
Référence *Reference*	Kg
3110232	0,115



Profil plastique relève bâche.
Raise cover plastic profile.

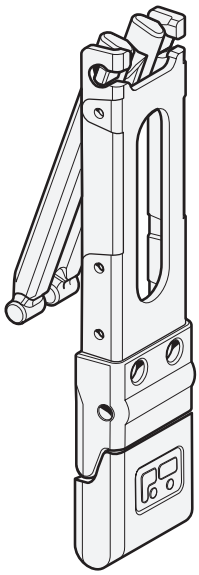
Référence *Reference*	Kg	Longueur *Length*
3110246	2	14
3110263	13	100

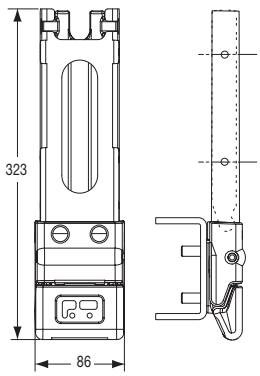
Poteaux aluminium pour véhicules 3,5 T / *Sliding aluminium pillars for 3.5 T vehicles*



Barette acier zingué pour poteau arrière 3110011.
Zinc plated steel dropside hinge for 3110011 rear pillar.

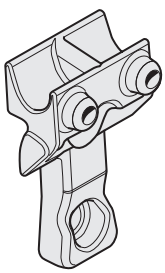
Référence *Reference*	Kg	Pour *For*
3110021BA	0,3	3110011

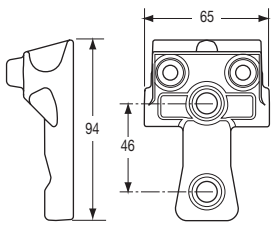




Mécanisme complet, acier cataphorèse, avec gâche, pour véhicule 3,5 t.
KTL steel mechanism for 3,5 t vehicle, with keeper.

Référence *Reference*	Kg
3544031	3,46

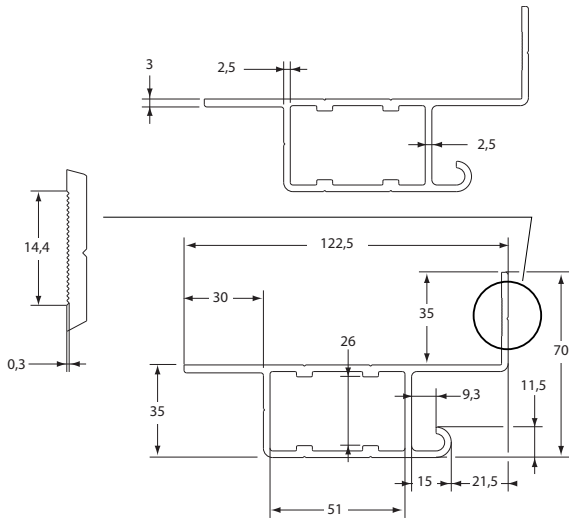




Gâche acier cataphorèse.
Keeper, KTL steel.

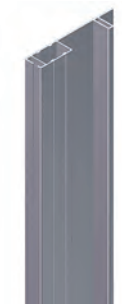
Référence *Reference*	Kg
3544030GA	0,36

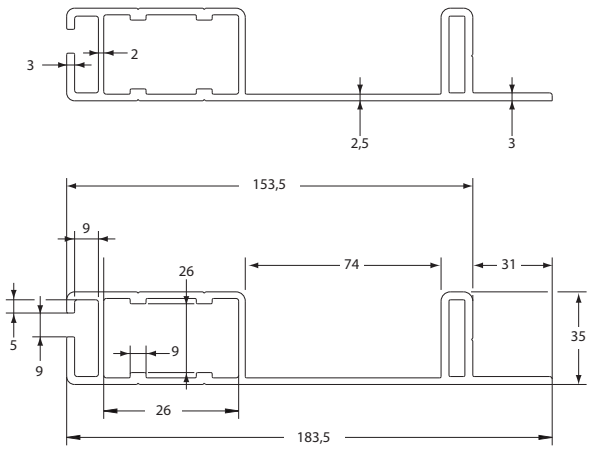
Poteaux aluminium pour véhicules 3,5 T / *Sliding aluminium pillars for 3.5 T vehicles*



Profil poteau avant, aluminium brut.
Front pilar profile, raw aluminium.

Référence *Reference*	Kg	Longueur *Length*
3110010	2,19	5200

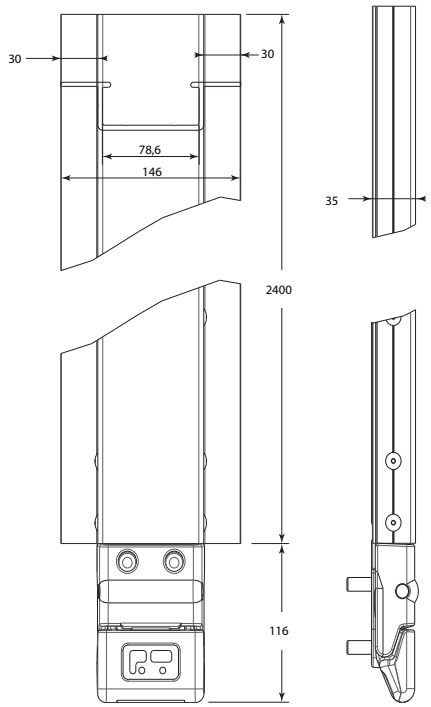




Profil poteau arrière, aluminium brut.
Rear pilar profile, raw aluminium.

Référence *Reference*	Kg	Longueur *Length*
3110011	3,021	5200

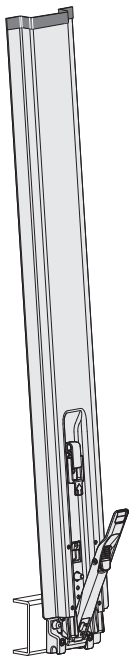
Poteaux aluminium pour véhicules 3,5 T / *Sliding aluminium pillars for 3.5 T vehicles*

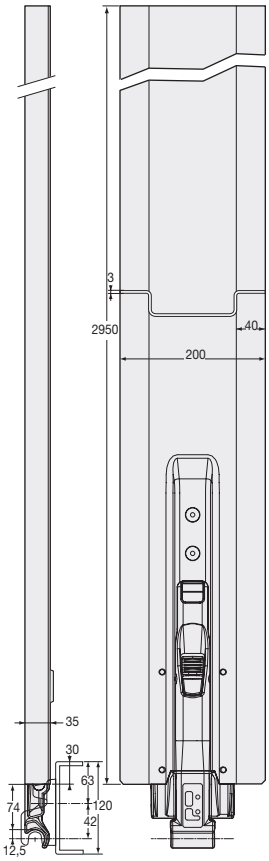


Poteau coulissant 3,5T, aluminium brut avec gâche.
Aluminium 3,5T sliding pilar, with keeper.

Référence *Reference*	Kg	Hauteur *Height*
3544036	10,72	2516

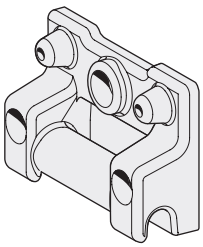
Poteaux coulissants acier / *Sliding steel pillars*

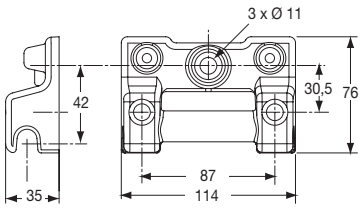




Poteau coulissant acier brut, avec gâche 3544100GA.
Sliding pillar, self colour steel, with 3544100GA keeper.

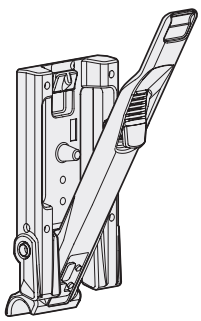
Référence *Reference*	Kg	Longueur *Length*	Pour *For*
3544101	21,5	2950	3544100GA

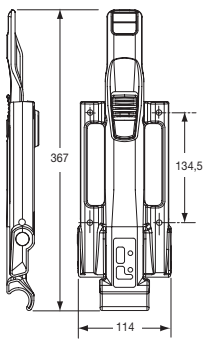




Gâche acier cataphorèse. Fixation de la gâche par 3 vis CHC M10 classe 8.8, couple de serrage 50 Nm.
KTL steel keeper. Fixing of the keeper by 3 screws CHC M10, class 8.8, 50 Nm torque.

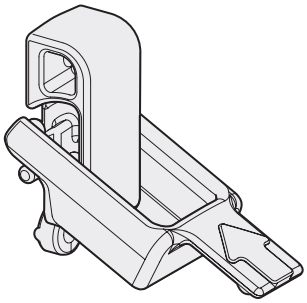
Référence *Reference*	Kg
3544100GA	0,7





Mécanisme complet, acier cataphorèse, avec gâche 3544100GA.
KTL steel mechanism, with 3544100GA keeper.

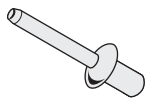
Référence *Reference*	Kg	Pour *For*
3544104	3,8	3544100GA



Ensemble volet de sécurité, acier zingué, pour poteau 3544101.
Locking catch, zinc plated steel, for sliding pillar 3544101.

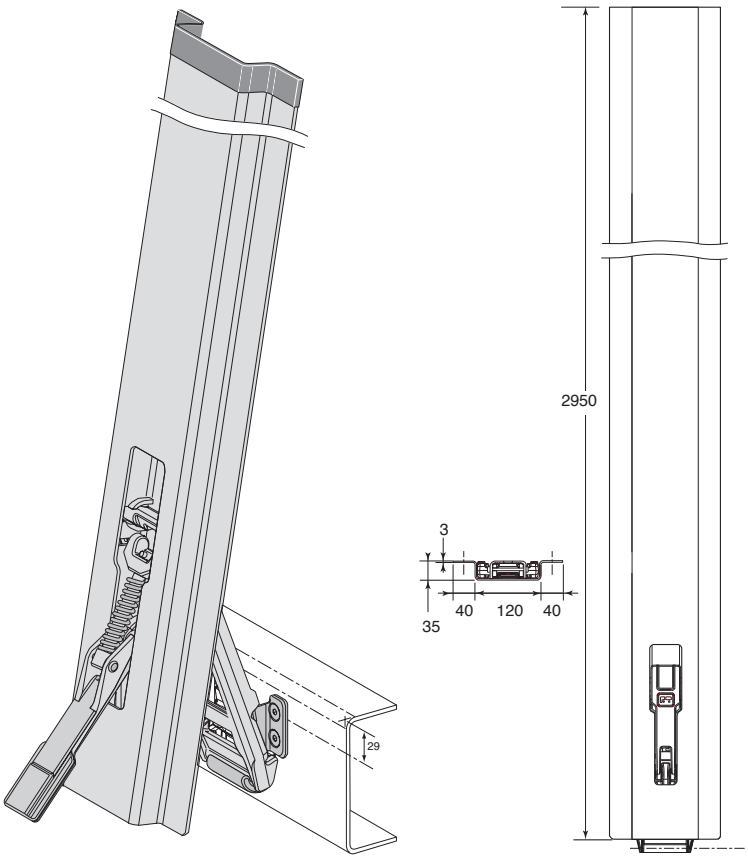
Référence *Reference*	Kg	Pour *For*
3544102VS	0,32	3544101

Poteaux coulissants acier / *Sliding steel pillars*



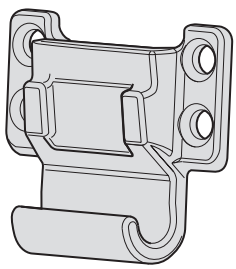
Rivet Ø 6,4 pour fixation du mécanisme 3544104 et/ou du volet de sécurité 3544102VS.
Ø 6,4 rivet for mechanism 3544104 and/or locking flap 3544102VS.

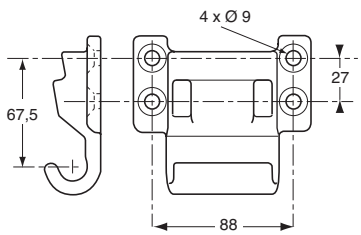
Référence *Reference*	Kg	Ø	Pour *For*
5871261VA	0,015	6	3544104 3544102VS



Poteau coulissant, acier HLE brut, avec gâche 3544050GA.
Sliding pillar, self colour HLE steel, with keeper 3544050GA.

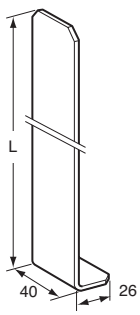
Référence *Reference*	Kg	Longueur *Length*	Pour *For*
3544051	22,5	2950	3544050GA





Gâche acier zinguée.
Keeper, zinc plated steel.

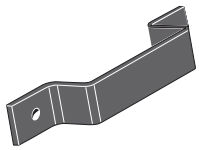
Référence *Reference*	Kg
3544050GA	0,75



Gousset de réhausse, acier brut, ép. 2,5 mm.
Self colour steel mounting bracket, 2,5 mm thickness.

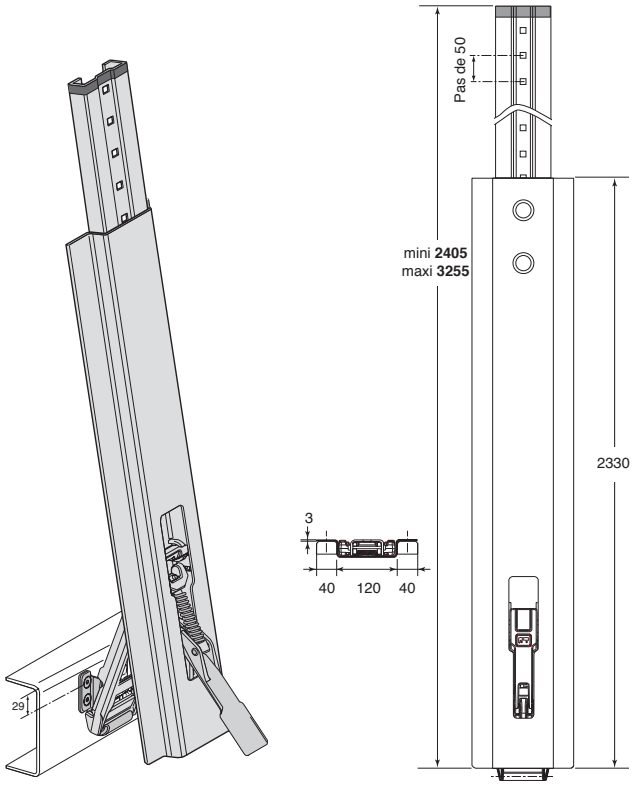
Référence *Reference*	Kg	L (mm)
3544005	0,14	150
3544006	0,4	450

Poteaux coulissants acier / *Sliding steel pillars*



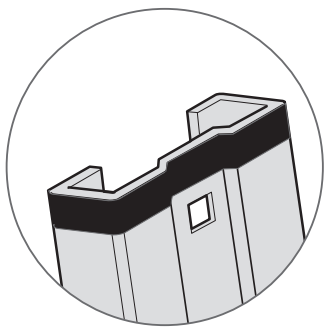
Protection pour haut de poteau coulissant.
Sliding pillar top protection.

Référence *Reference*	Kg
3544016	0,038



Poteau coulissant réglable, acier cataphorèse avec coulisse galvanisée et gâche.
Sliding pillar with elevation, black epoxy primer steel, with galvanized runner and keeper.

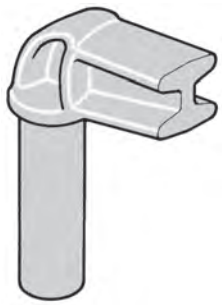
Référence *Reference*	Kg
3544073	24

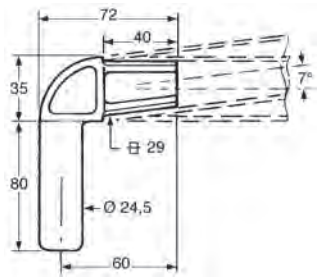


Embout de protection coulisse pour poteau coulissant.
End cap for extension for sliding pillar.

Référence *Reference*	Kg
3544009EP	0,035

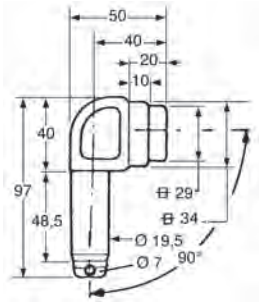
Accessoires de faitiere / *Roof accessories*





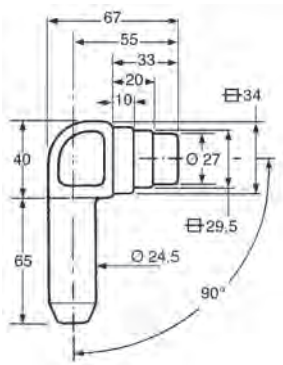
Embout d'arceau de bâche, acier brut.
End fitting for tilt cross members, self colour steel.

Référence *Reference*	Kg
3543649	0,52



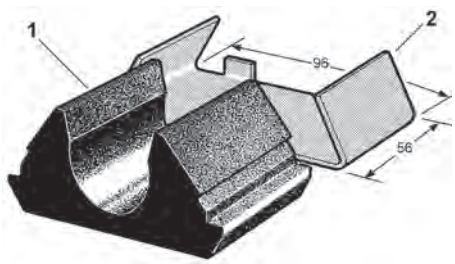
Embout d'arceau de bâche, acier brut.
End fitting for tilt cross members, self colour steel.

Référence *Reference*	Kg
3543652	0,415



Embout d'arceau de bâche, acier brut.
End fitting for tilt cross members, self colour steel.

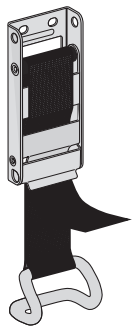
Référence *Reference*	Kg
3543654	0,615



Support de faîtière complet, pour tube de Ø 34 ou 35 mm.
Roof member bracket for tube Ø 34 or 35 mm.

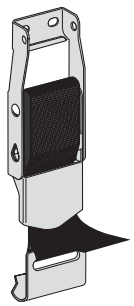
Référence *Reference*	Kg	Type *Type*
3543647	0,247	-
3543647GU	0,95	1
3543647SU	0,152	2

Accessoire de rideau de bâches / *Curtain accessories*



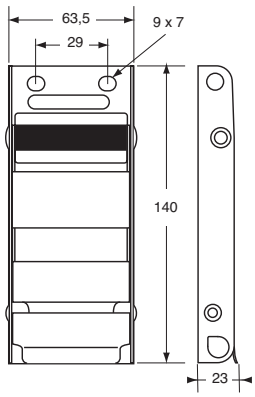
Tendeur complet avec sécurité et crochet fil, sangle longueur 0,80 m.
Complete curtain strapping system, 0,80 m length.

Référence *Reference*	Kg	Longueur *Length*
3655054	0,52	0,8



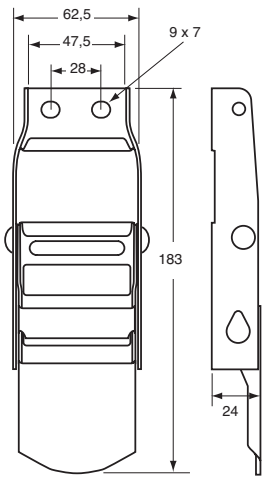
Tendeur complet sans sécurité et crochet plat inox, sangle longueur 0,62 m.
Complete curtain strapping system without safety device, stainless steel hook, 0,62 m length.

Référence *Reference*	Kg	Longueur *Length*
3655052	0,32	0,62



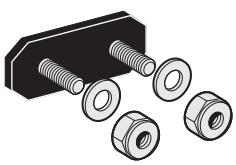
Tendeur avec sécurité, acier inox.
Buckle with safety device, stainless steel.

Référence *Reference*	Kg
3655050	0,315



Tendeur sans sécurité, acier inox.
Buckle without safety device, stainless steel.

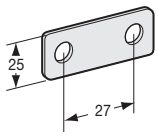
Référence *Reference*	Kg
3655051	0,025



Patte de fixation avec vis et écrous inox.
Fixing plate with screws and bolts, stainless steel.

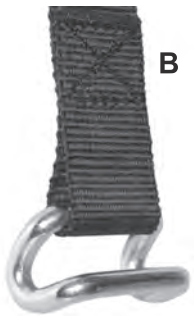
Référence *Reference*	Kg
3655039	0,23

Accessoire de rideau de bâches / *Curtain accessories*



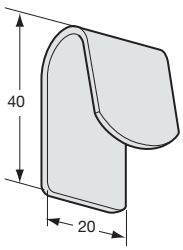
Contre plaque inox.
Counter plate, stainless steel.

Référence *Reference*	Kg
3655038	0,012



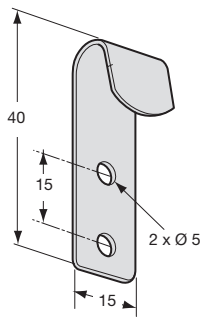
Sangle de bas de rideaux.
Lashing strap of down curtains.

Référence *Reference*	Kg	Longueur *Length*	Type *Type*
3655030	0,18	800	B
3655031	0,21	1300	B
3655032	0,145	800	A
3655033	0,17	1300	A



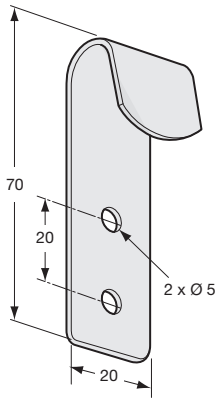
Crochet de bâche à souder.
Cover hook to be welded.

Référence *Reference*	Kg	€	Finition *Finish*
5000451BR	0,023	250	Brut (e) *Raw*
5000451ZI	0,023	250	Zingué *Zinc plated*



Crochet de bâche à river, acier.
Steel cover hook to be riveted.

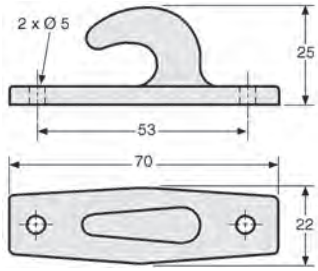
Référence *Reference*	Kg	€	Finition *Finish*
5000448	0,011	100	Zingué *Zinc plated*
5000448IN	0,011	100	Inox *Stainless steel*



Crochet de bâche à river, acier zingué.
Cover hook to be riveted, zinc plated steel.

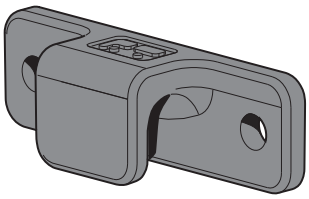
Référence *Reference*	Kg	€
5000450	0,03	100

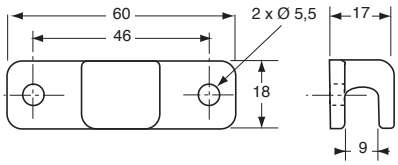
Accessoire de rideau de bâches / *Curtain accessories*



Crochet plastique gris.
Grey plastic hook.

Référence *Reference*	Kg
3744591CR	0,015



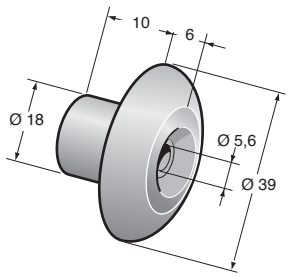


Crochet de bâche plastique gris.
Grey plastic cover hook.

Référence *Reference*
5000449

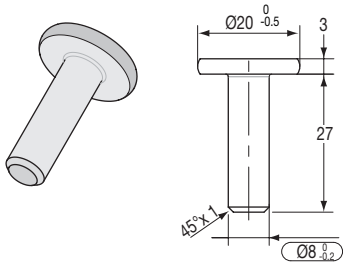
Poulie plastique noire pour sandow.
Black plastic pulley for rubber spring.

Référence *Reference*	Kg	€
5000454 S	0,005	250



Poulie plastique grise.
Grey plastic pulley.

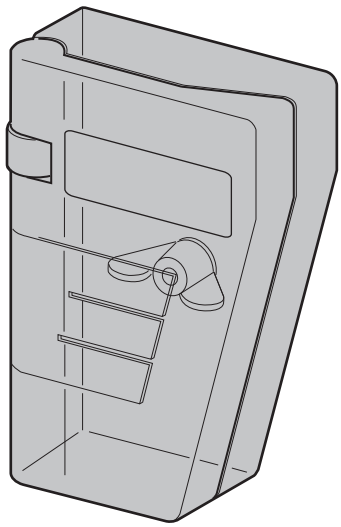
Référence *Reference*	Kg	€
5000453	0,006	250

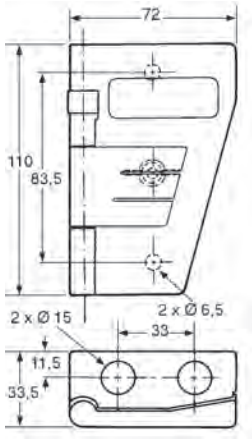


Pontet à souder, acier brut.
Lashing ring, to weld, self colour steel.

Référence *Reference*	Kg
5000440	0,015

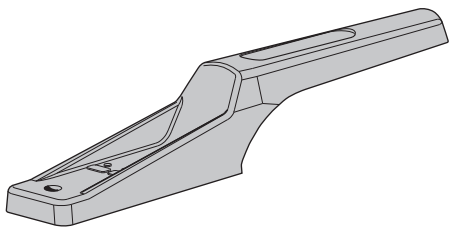
Câble TIR et accessoires / *TIR cable and accessories*

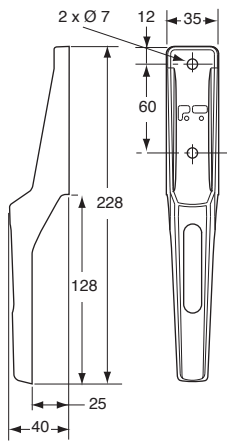




Cache-plomb TIR en composite gris.
Grey composite TIR seal cover.

Référence *Reference*	Kg
2344380	0,1





Enrouleur de câble TIR, plastique gris.
TIR cable tie in grey plastic.

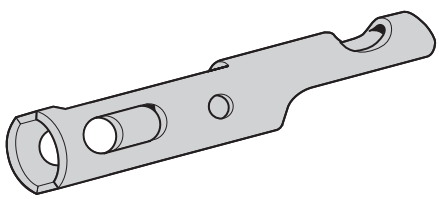
Référence *Reference*	Kg
4272165	0,07

Rouleau câble TIR Ø 6 avec embouts.
TIR cable Ø 6 with end cap.

Référence *Reference*	Kg	Ø	Longueur *Length*
4272127	2,5	6	40 m

Câble TIR nylon, couronne de 250 m.
Nylon TIR cable 250 m roll.

Référence *Reference*	Kg	Ø	Longueur *Length*
4272119	15,5	6	250 m
4272120	23	8	250 m



Embout seul pour câble TIR, acier zingué.
End cap for TIR cable, zinc plated steel.

Référence *Reference*	Kg	Pour *For*
4272125	0,01	Ø 8
4272126	0,01	Ø 6

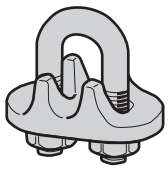
Câble TIR et accessoires / *TIR cable and accessories*

Oeillet oblong, laiton.
Brass oval eyelet.

Référence *Reference*	Kg	Pour *For*
4272124	0,001	4272125 4272126

Rivet plein, acier zingué.
Plain rivet, zinc plated steel.

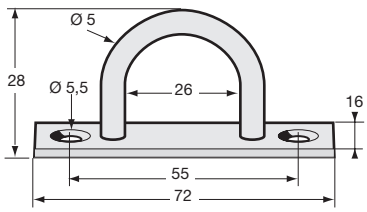
Référence *Reference*	Kg
4272122	0,11



Serre-câble à étrier, acier zingué.
Zinc plated steel wire rope clips.

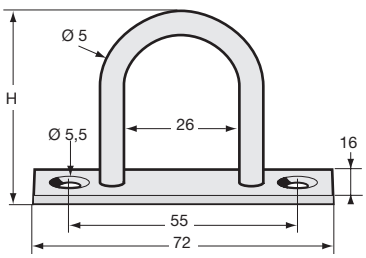
Référence *Reference*	Kg	Pour *For*
3644280K	0,035	Ø 6
3644280M	0,05	Ø 8

Pontet et barre à pontet / *Lashing rings and rails*



Pontet demi-rond, acier zingué.
Half round lashing ring, zinc plated steel.

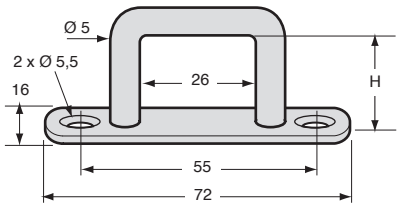
Référence *Reference*	Kg	C
5000842S	0,028	100



Pontet demi-rond, acier zingué.
Half round lashing ring, zinc plated steel.

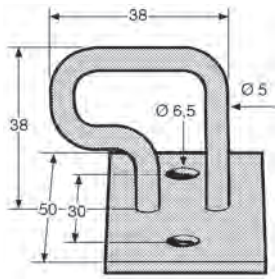
Référence *Reference*	Kg	H (mm)	h (mm)	C
5000831S	0,032	38	38	100

Pontet et barre à pontet / *Lashing rings and rails*



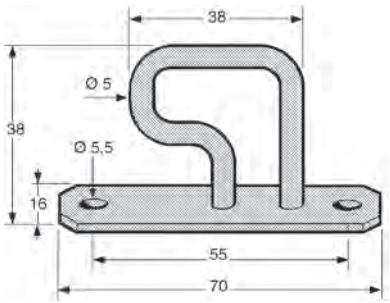
Pontet rectangulaire, acier zingué.
Rectangular lashing ring, zinc plated steel.

Référence *Reference*	Kg	H (mm)	
5000885S	0,036	22	100
5000887S	0,036	32	100



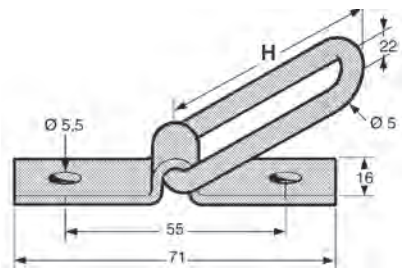
Pontet déporté, acier zingué.
Offset ring, zinc plated steel.

Référence *Reference*	Kg	
5000850	0,044	100



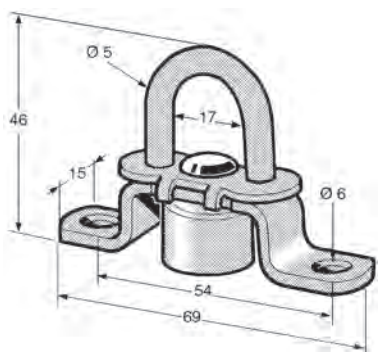
Pontet déporté, acier zingué.
Offset ring, zinc plated steel.

Référence *Reference*	Kg	
5000851S	0,038	100



Pontet rabattable, acier zingué.
Articulated lashing ring, zinc plated steel.

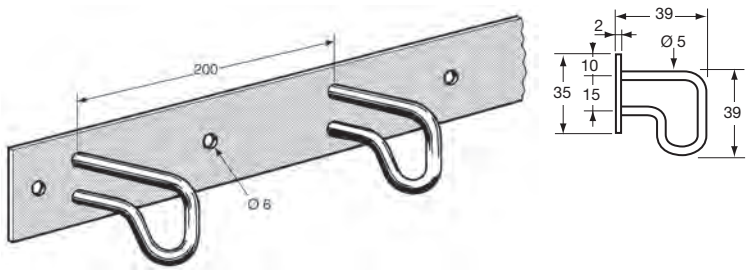
Référence *Reference*	Kg	H (mm)	
5000824	0,028	32	100
5000825S	0,036	51	100



Tourniquet à deux positions avec cache-ressort, acier zingué.
Two position curtain locking ring with spring cover, zinc plated steel.

Référence *Reference*	Kg	
5000541S	0,044	100

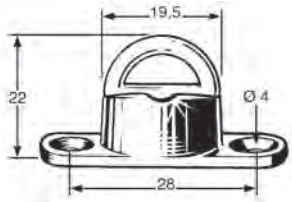
Pontet et barre à pontet / *Lashing rings and rails*



Barre à pontets déportés, acier zingué.
Lashing rail with offset rings, zinc plated steel.

Référence *Reference*	Kg	Longueur *Length*
4272162	0,7	1050

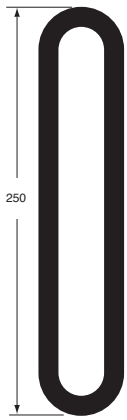
Tourniquets / *Curtain locking rings*



Tourniquet avec oeillet fendu et contre-rivure, nickelé.
With split eyelet and nickel plated rivet washer.

Référence *Reference*	Kg
5000514	0,015

Accessoires spéciaux / *Special accessories*



Anneau caoutchouc Ø 8.
Rubber ring Ø 8.

Référence *Reference*	Kg	Ø
4272112	0,025	8

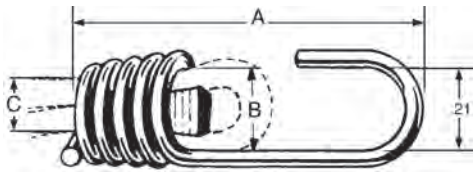
Tendobâche acier zingué, se fixe aux crochets 5000450, 5000451BR et 5000451ZI.
Tendobâche, cover tensioner, zinc plated steel, to be used with hooks 5000450, 5000451BR and 5000451ZI.

Référence *Reference*	Kg	Pour *For*
4272110D	0,127	5000450 5000451BR 5000451ZI

Accessoires spéciaux / *Special accessories*

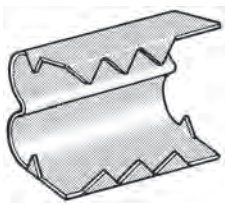
Sandow multibrin.
Multi strand rubber cord.

Référence *Reference*	Ø	Longueur *Length*	Couleur *Colour*
4272130BL	9	100 m	Blanc *White*
4272130NB	9	100 m	Noir, vert, bleu *Black, green, blue*
4272130NO	9	100 m	Noir *Black*
4272130NV	6	100 m	Noir, vert, bleu *Black, green, blue*
4272130RO	9	100 m	Rouge *Red*



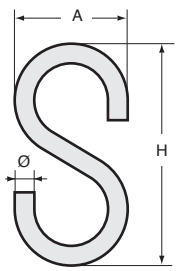
Crochet de sandow, acier zingué, avec cône de blocage.
Rubber spring hook with locking-block, zinc plated steel.

Référence *Reference*	Kg	A (mm)	B (mm)	C (mm)	Ø Sandow *Ø Ruber spring*
4272131B	1,6	76	19	13	6
4272131K	1,6	64	12	10	8-9
4272131M	1,6	75	16	10	9-10



Ferret double, pour Sandow.
Double tag for rubber spring.

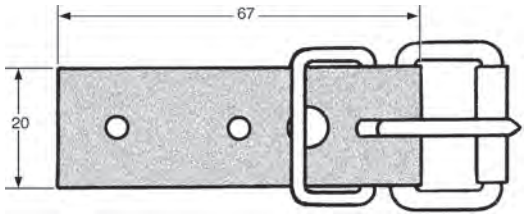
Référence *Reference*	Kg	℮	Pour *For*
5000457	0,013	100	Ø8 Ø9
5000458	0,013	100	Ø9 Ø10



Esse acier zingué.
S hook, zinc plated steel.

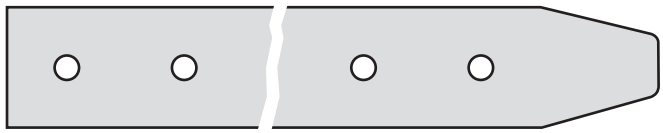
Référence *Reference*	Kg	Ø	A (mm)	H (mm)
4272113	0,008	4	20	37
4272114	0,001	4	23	45

Accessoires spéciaux / *Special accessories*



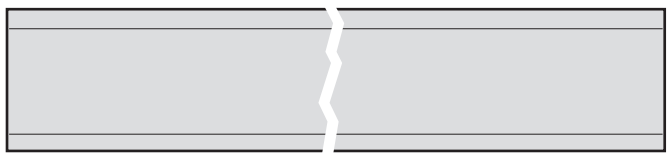
Boucleteau P.V.C. armé gris largeur 20 mm.
Reinforced grey P.V.C. buckle, width 20 mm.

Référence *Reference*	Kg
4272118	0,016



Sanglon P.V.C. armé gris largeur 20 mm.
Reinforced grey P.V.C. strap, width 20 mm.

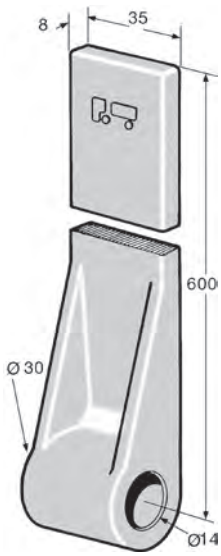
Référence *Reference*	Kg	Longueur *Length*	Largeur *Width*
4272117ED	0,013	250	20
4272117JD	0,027	500	20



Courroie TIR P.V.C. armé largeur 25 mm.
Reinforced P.V.C. TIR strap, width 25 mm.

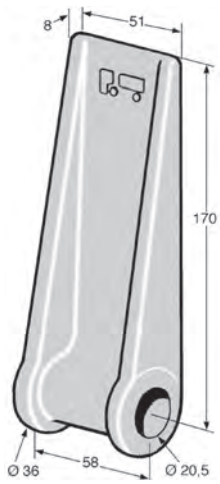
Référence *Reference*	Kg	Longueur *Length*
4272153	4,2	50 m

Pentures, chapes et embouts / *Hinges, brackets and end-fittings*



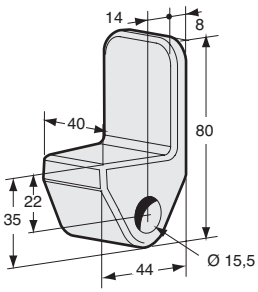
Penture acier matricé.
Drop forged steel hinge.

Référence *Reference*	Kg	Ø
3444400	1,42	14



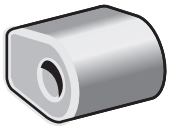
Penture Ø 20 mm, acier matricé.
Drop forged steel hinge Ø 20 mm.

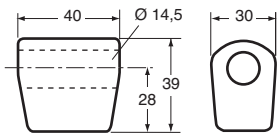
Référence *Reference*	Kg	Ø
3444037	1,035	20



Embout, acier matricé.
Drop forged steel hinge.

Référence *Reference*	Kg	Ø
3444115	0,42	16





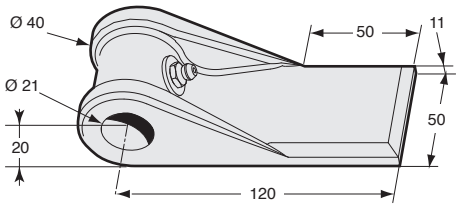
Embout de penture, acier matricé.
Drop forged steel hinge.

Référence *Reference*	Kg	Ø
3444114	0,245	14

Pentures, chapes et embouts / *Hinges, brackets and end-fittings*

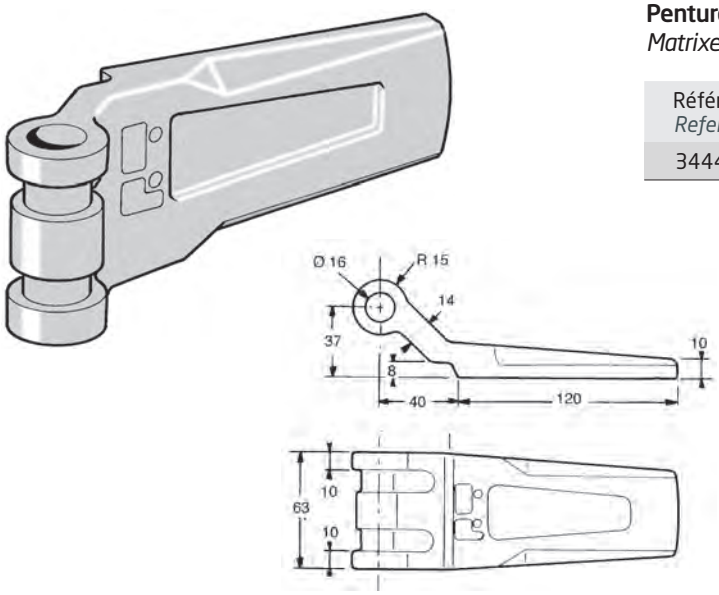
Embouts de penture, acier matricé.
Drop forged steel hinges.

Référence *Reference*	Kg	A (mm)	C (mm)	Ø D (mm)	Ø d (mm)	E (mm)	L (mm)	I (mm)
3444000	0,36	28	14,5	30	14.5	7	100	35
3444005	0,165	37	12	24	12.5	7	70	25
3444010	0,475	30	15,5	31	16.5	10	100	40
3444020	0,7	14	19	34	21	10	110	50



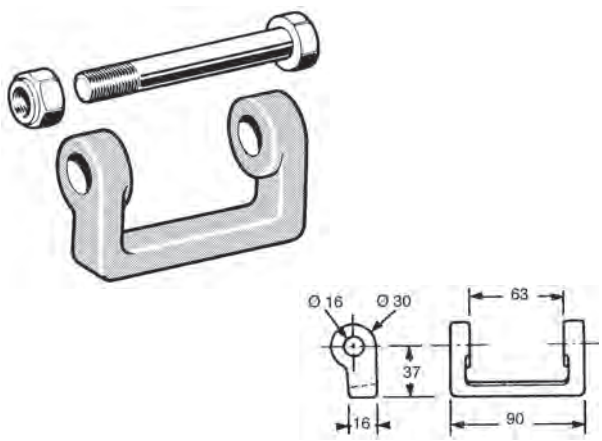
Embout de penture avec graisseur, acier matricé.
Drop forged steel hinge with grease nipple.

Référence *Reference*	Kg	Ø
3444116	0,79	21



Penture Ø 16, acier matricé.
Matrixed steel hinge, Ø 16.

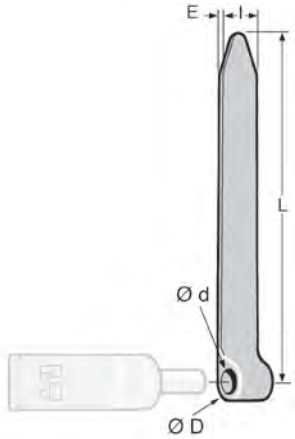
Référence *Reference*	Kg	Ø
3444039	1	16



Chape étroite à souder, acier brut, avec axe Ø 16 x 110 et écrou frein zingués.
Narrow hinge bracket to weld, self colour steel, with zinc plated locknut and Ø 16 x 110 pin.

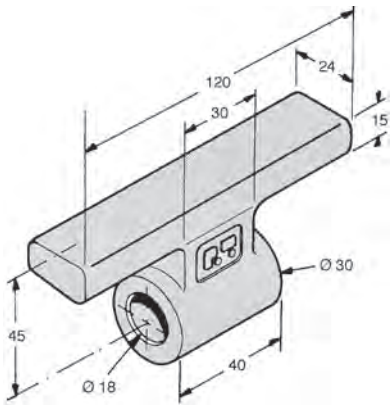
Référence *Reference*	Kg	Ø
2704446	0,35	16

Pentures, chapes et embouts / *Hinges, brackets and end-fittings*



Pentures seules, acier matricé.
Drop forged steel hinge.

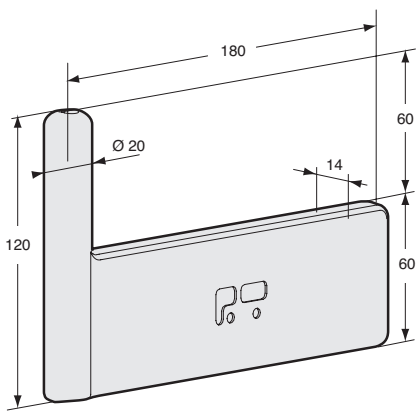
Référence *Reference*	Kg	Ø D (mm)	Ø d (mm)	E (mm)	L (mm)	I (mm)
3444031	0,44	28	12	8	260	25



Support d'articulation à souder, acier brut.
Self colour steel weld-on hinge bracket.

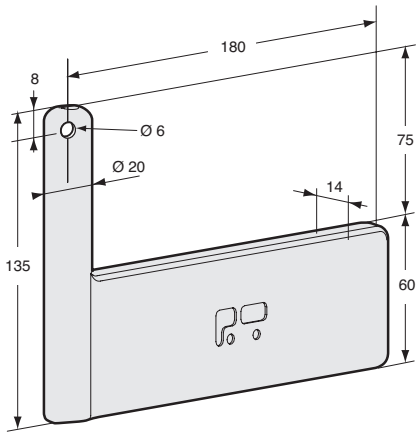
Référence *Reference*	Kg	Ø
3444068	0,525	18

Gonds / *Gondgeons*



Gond, acier matricé.
Drop forged steel gudgeon.

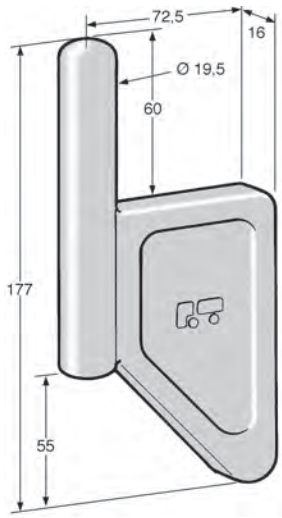
Référence *Reference*	Kg	Ø
3444117	1,35	20



Gond, acier matricé.
Drop forged steel gudgeon.

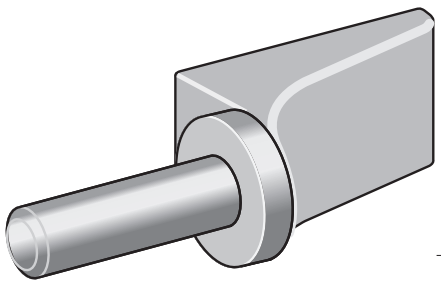
Référence *Reference*	Kg	Ø
3444134	1,4	20

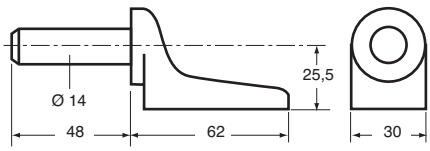
Gonds / *Gondgeons*



Gond drapeau, acier matricé.
Drop forged steel flag gudgeon.

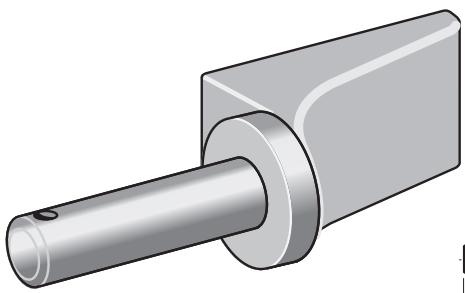
Référence *Reference*	Kg	Ø
3444072	0,795	20

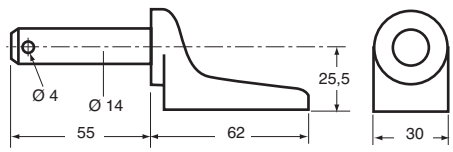




Gond à souder, acier matricé.
Drop forged steel gudgeons.

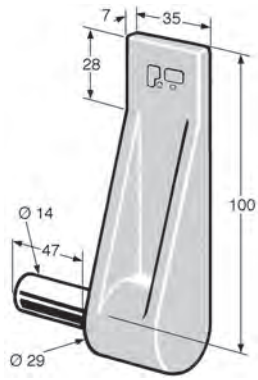
Référence *Reference*	Kg	Ø
3444104SJ	0,26	14





Gond à souder, acier matricé.
Drop forged steel gudgeons.

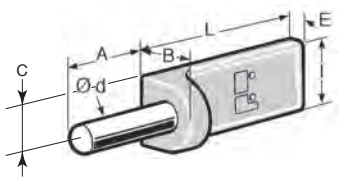
Référence *Reference*	Kg	Ø
3444105SJ	0,275	14



Gond à souder à broche verticale, acier matricé.
Drop forged steel gudgeon. As illustrated.

Référence *Reference*	Kg	Ø	Côté *Hand*
3444060 DR	0,44	14	Droit (e) *Right*
3444060 GA	0,44	14	Gauche *Left*

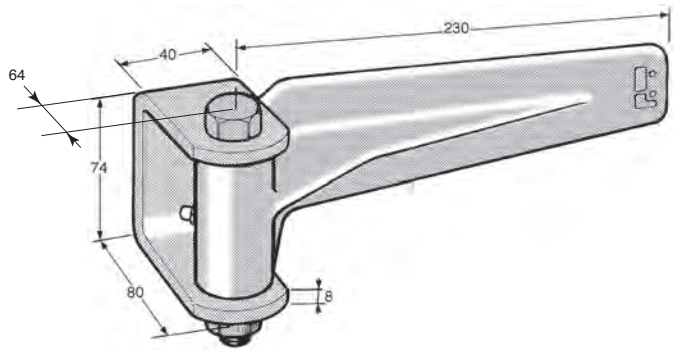
Gonds / *Gondgeons*



Gonds à souder en acier matricé, axe décolletés sauf 3444065, 3444066 et 3444067.
Drop forged steel gudgeons with bright pins except 3444065, 3444066 and 3444067.

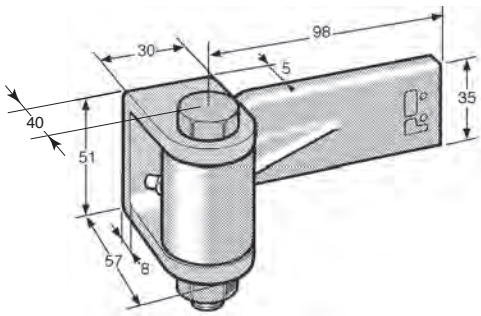
Référence *Reference*	Kg	A (mm)	B (mm)	C (mm)	Ø d (mm)	E (mm)	L (mm)	I (mm)
3404408	0,85	67	40	20	20	12	115	40
3444061	0,3	52	33	17	14	9	80	33
3444065	0,14	38	24	12	12	7	65	25
3444066	0,245	50	31		14	7	75	30
3444071	0,35	56	35	18	16	9	83	35

Charnières / *Hinges*



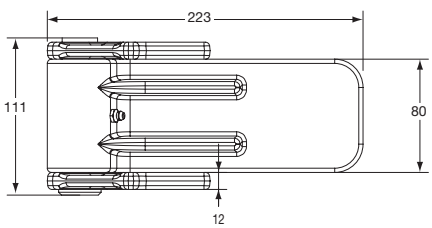
Charnière en acier brut estampé, axe Ø 12 mm, avec graisseur.
Drop forged steel hinge with grease nipple, pin Ø 12 mm.

Référence *Reference*	Kg	Ø
2644414	2	12



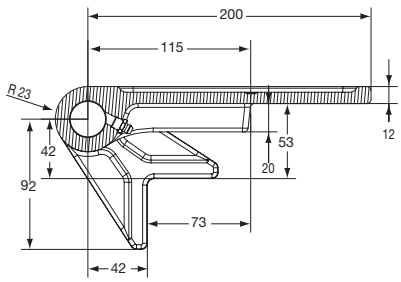
Charnière en acier brut estampé, axe Ø 10 mm, avec graisseur.
Drop forged steel hinge with lubricator, pin Ø 10 mm.

Référence *Reference*	Kg	Ø
2744418	0,815	10

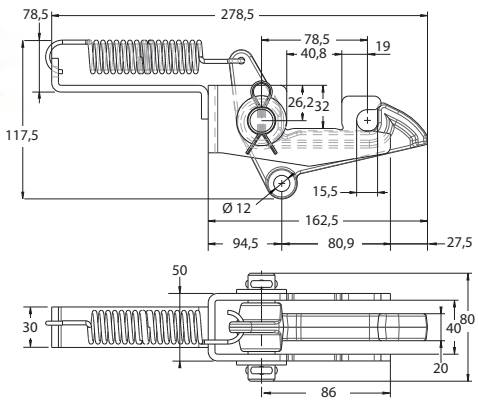


Charnière, acier brut.
Hinge, self colour steel.

Référence *Reference*	Kg
3444135	3,46

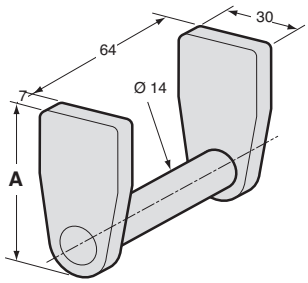


Verrouillage et accessoires / *Locking and accessories*



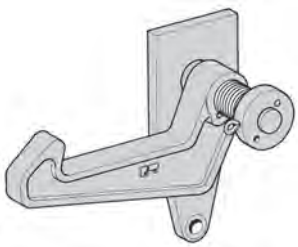
Verrouillage de benne, acier zingué.
Locking bucket bracket, zinc plated steel.

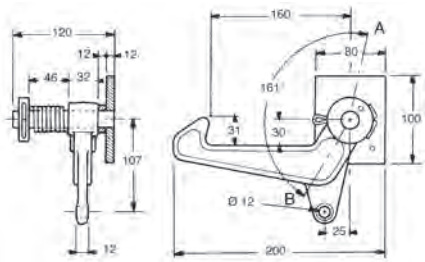
Référence *Reference*	Kg
3543595	1,5



Gâche pour verrou 3543595.
Keeper for 3543595.

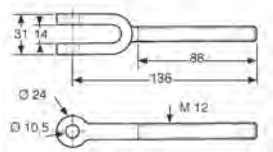
Référence *Reference*	Kg	A (mm)
3543588	0,35	78
3543594	0,3	68
3543596	0,25	58





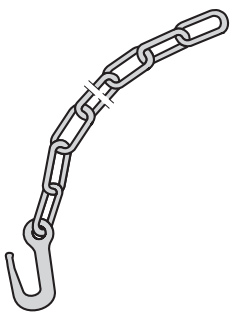
Verrouillage de benne grand modèle complet.
Zinc plated steel complete large model of locking bucket, as illustrated.

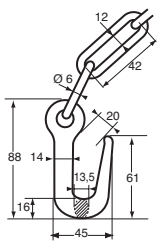
Référence *Reference*	Kg	Côté *Hand*
3543615DR	2,90	Droit (e) *Right*
3543615GA	2,90	Gauche *Left*



Chape acier zinguée.
Zinc plated steel bracket.

Référence *Reference*	Kg
3543607S	0,14

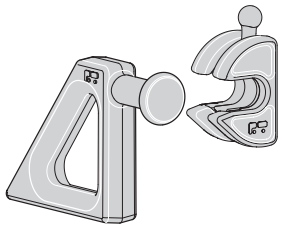


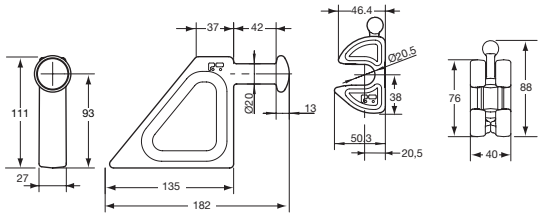


Crochet avec 9 anneaux, acier brut.
Self colour steel hook with 9 links.

Référence *Reference*	Kg
3543630	0,325

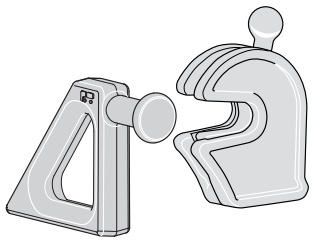
Articulations de ridelles arrière / *Rear dropside joints*

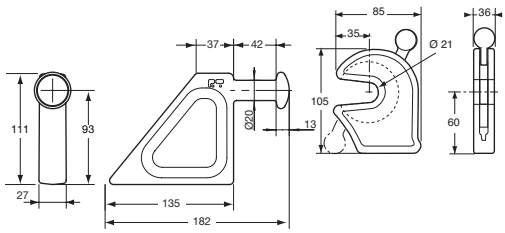




Articulation de benne, brut, acier matricé.
Bucket joint, drop-forged steel.

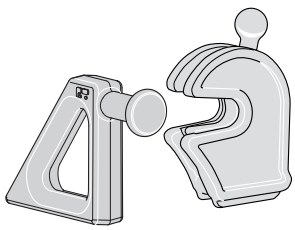
Référence *Reference*	Kg
3543563	2,35

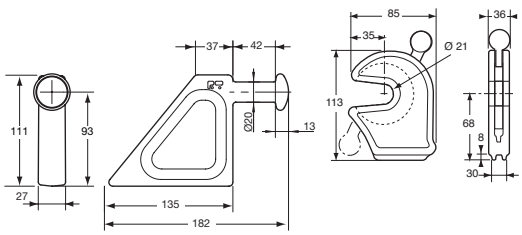




Articulation de benne, brut, acier matricé.
Bucket joint, drop-forged steel.

Référence *Reference*	Kg
3543590	2,35

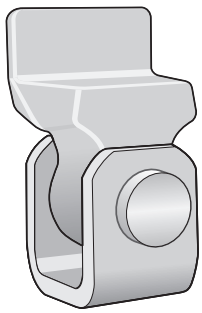


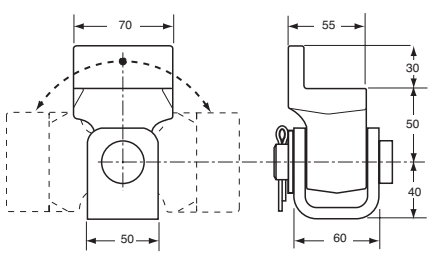


Articulation de benne, brut, acier matricé.
Bucket joint, drop-forged steel.

Référence *Reference*	Kg
3543591	2,48

Articulations de bennes / *Tipper joints*

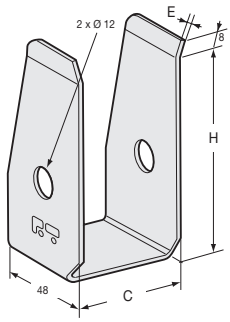




Palier d'articulation, acier brut avec graisseur.
Articulation bearing, self colour steel, with greaser.

Référence *Reference*	Kg
3543589	1,95

Goussets de réhausses / *Mounting brackets*



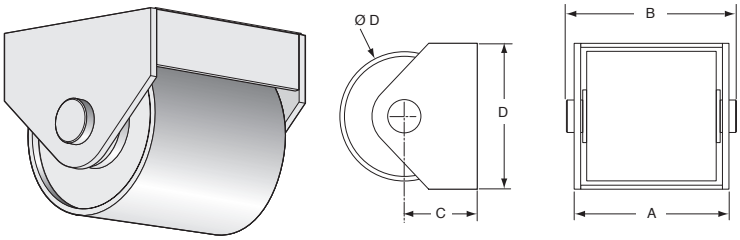
Gousset de réhausse pour benne, acier brut.
Plank bracket for body, self colour steel.

Référence *Reference*	Kg	C (mm)	E (mm)	H (mm)
3543663	0,245	27	2,5	122
3543664	0,135	31	2	92

Gousset de réhausse, acier brut.
Plank bracket, self colour steel.

Référence *Reference*	Kg	Epaisseur *Thickness*
3543646	0,3	2,5
3543653	0,25	2

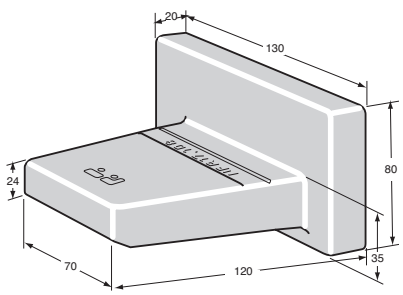
Rouleaux de bennes / *Rollers for removal tipper*



Rouleaux de benne avec bague plastique PA6.
Rollers for "drop" containers with PA6 plastic bush.

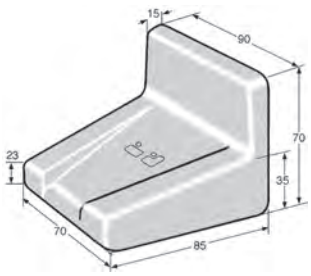
Référence *Reference*	Kg	A (mm)	B (mm)	C (mm)	Ø D (mm)	D (mm)
3543569	8,8	191	210	90	160	180
3543570	12,8	231	250	120	200	220
3543571	14,15	231	250	120	220	220

Butées et tourillons / *Tipper thurst block, link pins*



Butée de benne GM, acier brut (NF.R 17108).
Drop forged steel tipper thrust block, major (NF.R 17108).

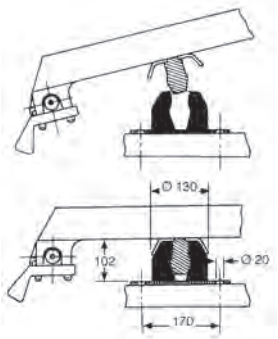
Référence *Reference*	Kg
3543610	3,22



Butée de benne PM, acier matricé.
Drop forged steel tipper thrust block, minor.

Référence *Reference*	Kg
3543609	1,695

Butées et tourillons / *Tipper thurst block, link pins*



Ensemble amortisseur de benne.
Tipper shock absorber assembly.

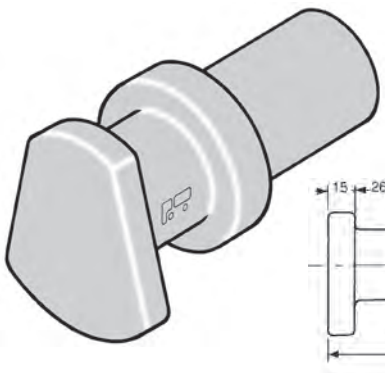
Référence *Reference*	Kg
3543612	3,9

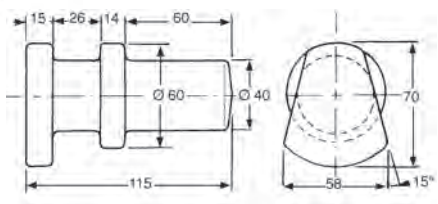
Partie supérieure acier.
Steel upper part.

Référence *Reference*	Kg
3543612MA	1,9

Partie inférieure.
Lower part.

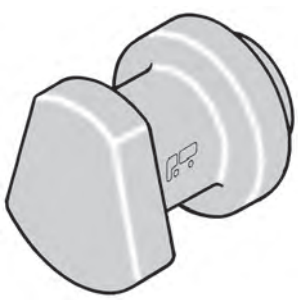
Référence *Reference*	Kg
3543612BU	2

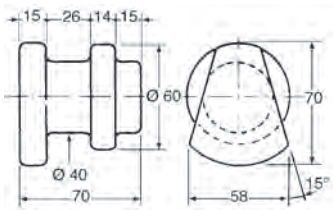




Tourillon brut acier matricé (NF.R 17.106).
Drop-forged steel link pin (NF.R 17.106).

Référence *Reference*	Kg
3543598	1,35

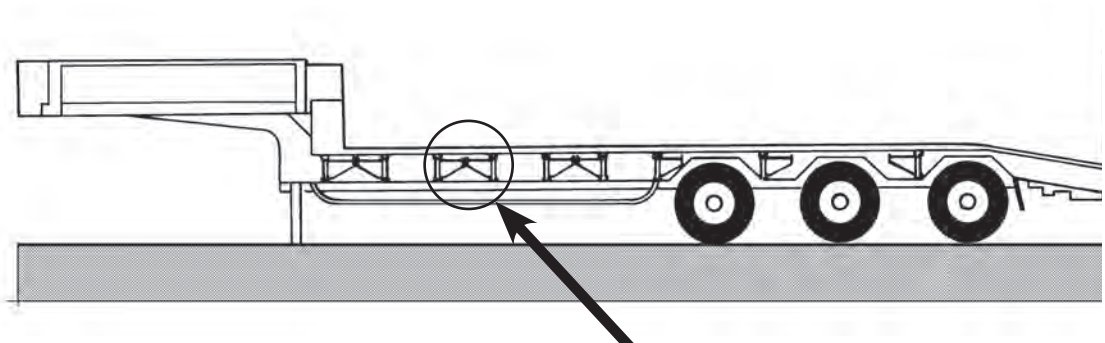


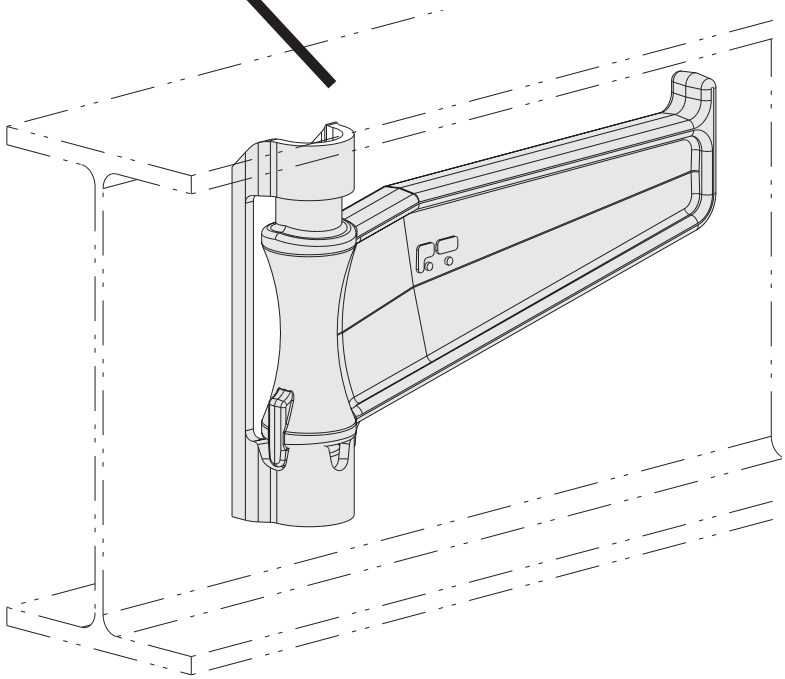


Tourillon brut, acier matricé (NF.R 17.106).
Drop-forged steel link pin (NF.R 17.106).

Référence *Reference*	Kg
3543608	1,08

Élargisseur / *Extension bracket*





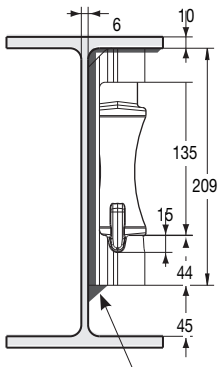
Elargisseur à console, complet, pour porte-engins, acier brut.
Complete console for plateform trailer, self colour steel.

Référence *Reference*	Kg	A	B
3543599	5,550	294	242
3543600	5,550	264	212

IMPORTANT :
Au montage, la chape doit être soudée en applique vers le haut de l'IPN.

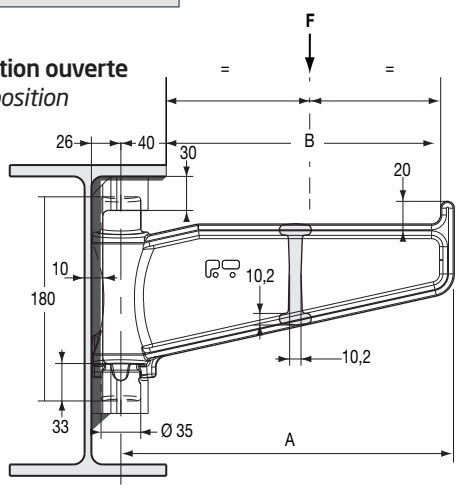
IMPORTANT :
To the assembling, the yoke must be welded to the IPN top.

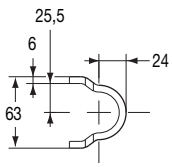
Position fermée
Off position



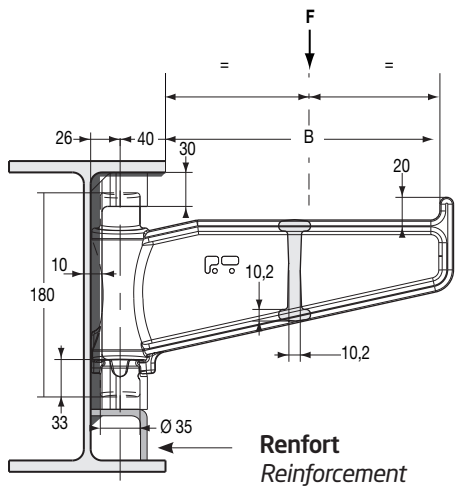
Soudure 5
Weld

Position ouverte
On position





F = charge admissible 2,4 T
F = working load 2,4 T



Renfort
Reinforcement

F = charge admissible 3,68 T
F = working load 3,68 T

Accessoires pour caisses amovibles et conteneurs / *Container accessories*

La libre circulation des caisses mobiles en Europe dans le cadre du transport intermodal rail/route a nécessité l'adoption de normes communes à tous les pays de la communauté européenne.
Les normes européennes EN 283 et EN 284 définissent les caractéristiques des principaux composants du système de levage que nous proposons.

Due to the free circulation of containers in Europe within the framework of the intermodal rail/road transport it was necessary to adopt standards, common to all the countries of the European Community.
*The **EN 283** and **EN 284** European standards define the characteristics of the principal components of the offered lifting system.*

AVANTAGES DU SYSTÈME DE LEVAGE :

- **Echange des caisses amovibles à l'échelle européennne.**
- **Possibilité de transporter des conteneurs de 20" sur un véhicule équipé pour le transport de caisses mobiles.**
- **Adaptation possible du système sur des véhicules existants ne possédant pas de suspension pneumatique.**
- **Plusieurs hauteurs de dépôt des caisses mobiles sont possibles en fonction des béquilles télescopiques utilisées.**
- **Fonctionnement simple et rapide du système, changement des caisses mobiles par les propres moyens du véhicule.**
- **Passage aisé du véhicule porteur sous la caisse mobile et centrage facilité grâce à l'utilisation des rouleaux de guidage.**

THE ADVANTAGES OF THE SYSTEM:

- *Exchange of containers on an European scale.*
- *Possibility to transfer 20" containers on a vehicle equipped for the transport of containers.*
- *Possible adaptation of the system on existing vehicles without air suspension.*
- *Several loading heights of containers are possible depending on the used telescopic sustainers.*
- *Simple and rapid operation of the system, changing of containers by the vehicle itself.*
- *Easy displacement of the carrying vehicle under the container and easier centering thanks to the use of roller bearings.*

Eléments nécessaires au levage des caisses mobiles en fonction des suspensions du véhicule porteur.
Elements necessary to lift the containers depending on the suspensions of the carrying vehicle.

1. Véhicules possédant des suspensions à lames à l'avant et à l'arrière :
- **2 bras de levage.**
- **2 systèmes de commande.**
- **2 ensembles réservoirs.**
- **4 verrous de conteneurs.**

1. Vehicle with blade suspension on the front and rear parts :
- *2 lifting arms.*
- *2 control systems.*
- *2 reservoir assemblies.*
- *4 containers twist locks.*

2. Véhicules possédant des suspensions à lames à l'avant et à air à l'arrière :
- **1 bras de levage.**
- **1 système de commande.**
- **1 ensemble réservoir.**
- **4 verrous de conteneurs.**
- **2 rouleaux de guidage.**
- **2 paliers pour rouleaux de guidage.**

2. Vehicle with blade suspensions on front part and air suspensions on rear part :
- *1 lifting arm.*
- *1 control system.*
- *1 reservoir assembly.*
- *4 container twist locks.*
- *2 roller bearings.*
- *2 bearings for roller bearings.*

3. Véhicules ou remorques possédant des suspensions à air à l'avant et à l'arrière :
- **4 verrous de conteneurs.**
- **4 rouleaux de guidage.**
- **4 paliers pour rouleaux de guidage.**

3. Vehicle or trailer with air suspensions on the front and rear parts :
- *4 container twist locks.*
- *4 roller bearings.*
- *4 bearings for roller bearings.*

Dans les trois ensembles ci-dessus, il est possible de remplacer les 4 verrous par deux traverses équipées.

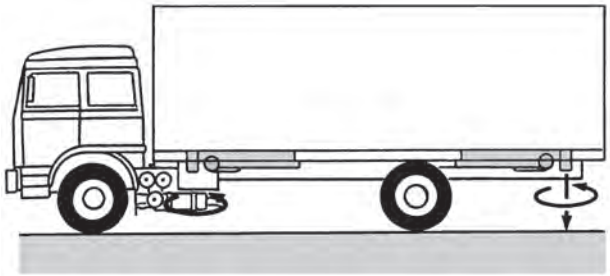
In the three previous units, it is possible to replace the 4 twist locks by two equipped crosspieces.

Eléments nécessaires pour la construction d'une caisse amovible :
- **4 coins de conteneurs.**
- **4 béquilles.**
- **2 tubes supports gauche.**
- **2 tubes supports droit.**
- **4 contre-paliers.**
- **4 dispositifs anti-chute.**
- **4 profils pour pince de levage.**

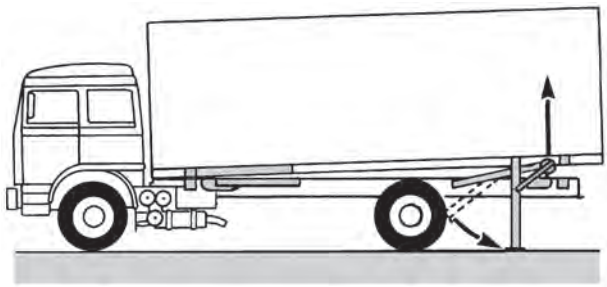
Elements necessary to build a container :
- *4 container corners.*
- *4 susbtainers.*
- *2 left supporting tubes.*
- *2 right supporting tubes.*
- *4 counter-bearings*
- *4 anti-falls devices.*
- *4 lifting-gripper section bars.*

Accessoires pour caisses amovibles et conteneurs / *Container accessories*

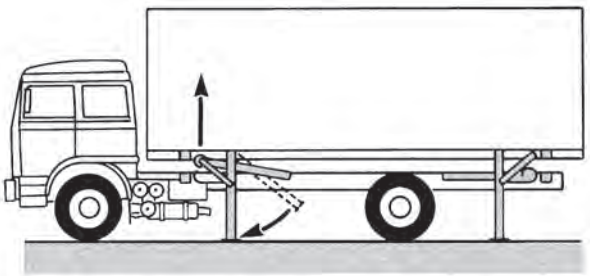
Pour la dépose d'une caisse amovible, il est nécessaire de respecter les opérations suivantes :
To remove a container from a truck, proceed as follows :



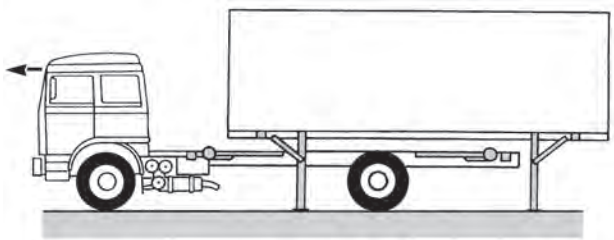
1. **Déverrouiller les verrous de conteneur avant et arrière.**
   Escamoter les verrous arrière.
   Release the twist locks.
   Retract the rear twist locks.



2. **Actionner le bras de levage arrière et le placer en position haute.**
   Mettre en place les béquilles arrière.
   Abaisser l'unité de levage arrière.
   Actuate the rear lifting arms and put it in upper position.
   Install the rear sustainers.
   Lower the rear lifting unit.



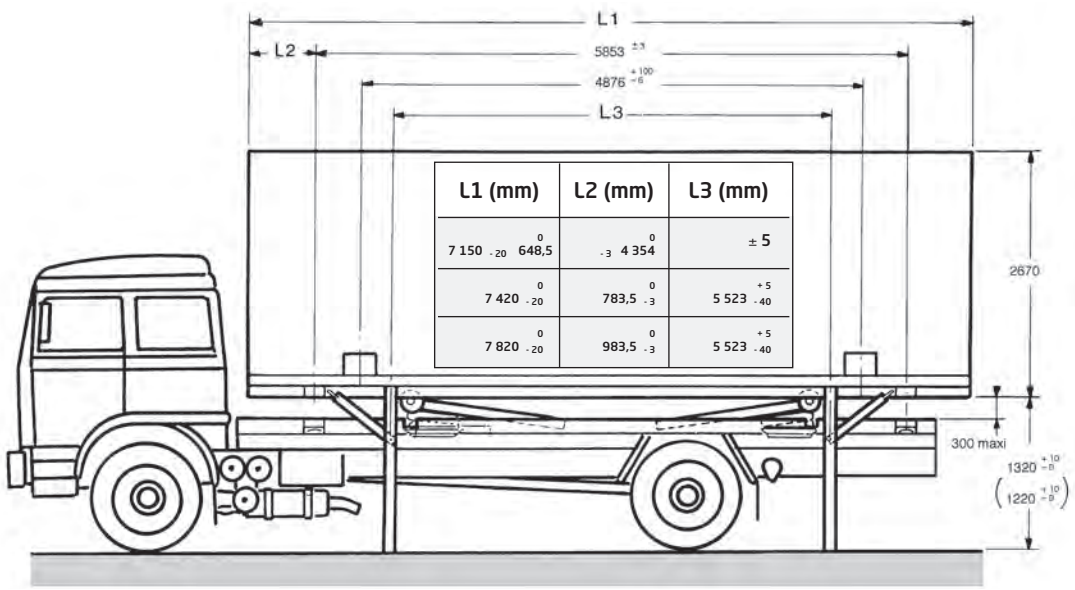
3. **Escamoter les verrous avant.**
   Actionner le bras de levage avant et le placer en position haute.
   Mettre en place les béquilles avant.
   Abaisser l'unité de levage avant.
   Retract the front twist locks.
   Actuate the front lifting arm and put it in upper position.
   Install the front susbtainers.
   Lower the front lifting unit.



4. **La caisse mobile étant déposée, évacuer le véhicule.**
   The container being install, drive the vehicle away.

Pour la reprise d'une caisse mobile, les opérations inverses à celles nécessaires à la dépose devront être réalisées. Avant de prendre la route, l'utilisateur devra s'assurer du double verrouillage des béquilles, les tubes supports devront être goupillés et les sécurités anti-chute engagées.
To load a container, reverse the sequence of operations. Before leaving, the user will have to check the susbtainer double interlocking. The supporting tubes will be cottered and the anti-fall safeties will be engaged.

Dimensions principales suivant normes DIN 70013, DIN 70018 et EN 284
Principal sizes next DIN 70013, DIN 70018 and EN 284



L1 (mm)	L2 (mm)	L3 (mm)
7 150 $^{0}_{-20}$ 648,5	$^{0}_{-3}$ 4 354	± 5
7 420 $^{0}_{-20}$	$^{0}_{-3}$ 783,5	5 523 $^{+5}_{-40}$
7 820 $^{0}_{-20}$	$^{0}_{-3}$ 983,5	5 523 $^{+5}_{-40}$

Bras de levage / *Lifting arm*

INSTRUCTIONS DE MONTAGE
Contrôle de l'étanchéité.
Les bras élévateurs sont livrés montés, leur étanchéité a été contrôlée en usine sous une pression de 6 bars.
La soudure de la cuve sur le faux chassis nécessite le démontage du poumon. Le carrossier devra contrôler l'étanchéité du poumon après remontage, en utilisant un produit indicateur de fuites.

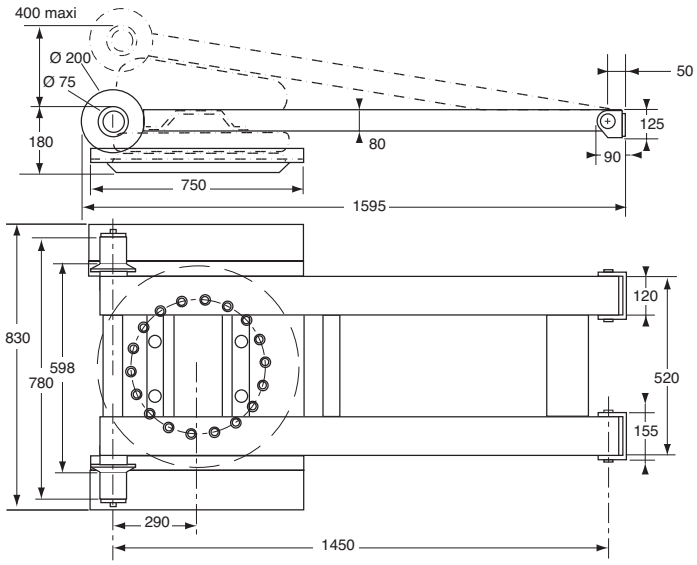
SOUDURE DE LA CUVE
Le soudage correct de la cuve est essentiel pour assurer le fonctionnement durable du bras de levage qui est fortement sollicité.
La cuve doit reposer sur le faux chassis, le cordon de soudure doit être réalisé sans tension par une soudure discontinue.
Le démontage de la cuve (quatre vis à desserrer) est nécessaire pour des raisons d'accessibilité lors du soudage.

ROULEAUX DE GUIDAGE
Pour le passage des rouleaux de guidage horizontaux, le faux chassis doit être encoché.
Les directives des constructeurs de véhicules devront être respectées pour la réalisation du faux chassis.

INSTRUCTIONS FOR ASSEMBLY
Tightness control.
The lifting arms are delivered already mounted. Their tightness has been checked in factory under a 6 bar pressure.
To correctly weld the vessel on the added chassis it is necessary to dismount the lung. The coachbuilder will check the lung tightness with a leak detecting product after reassembling.

WELDING THE VESSEL
The vessel correct welding is essential for a durable operation of the most stressed lifting arm.
The vessel must lie on the added chassis ; a discontinuous welding will free the welding bead from tension.
The vessel dismounting (four screws to be released) is necessary for an easy access during the welding operation.

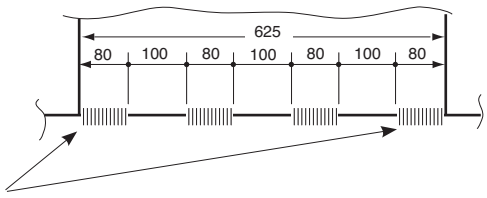
ROLLER BEARINGS
To allow the horizontal roller bearings to pass through, the added chassis must be notched.
To realize the added chassis, the instructions of the vehicle constructor will be respected.



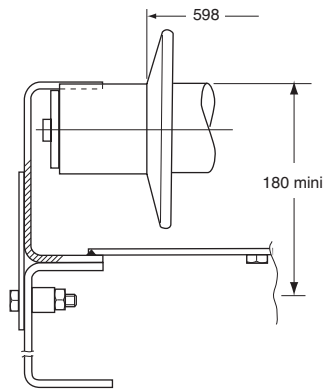
3644249 S
Bras de levage, force 10 t, cuve autoportante.
Lifting arm, power 10 t.

Les bras de levage devront être installés en respectant les instructions de montage
Lifting arms need to be mounted according to fitting instructions

Encocher le faux chassis pour permettre le passage des rouleaux de guidage
Notch in added chassis for guide rollers



Cordon de soudure à poursuivre, pas de cratère aux extrémités
Welding bead, no crater at ends



Faux châssis
Added chassis

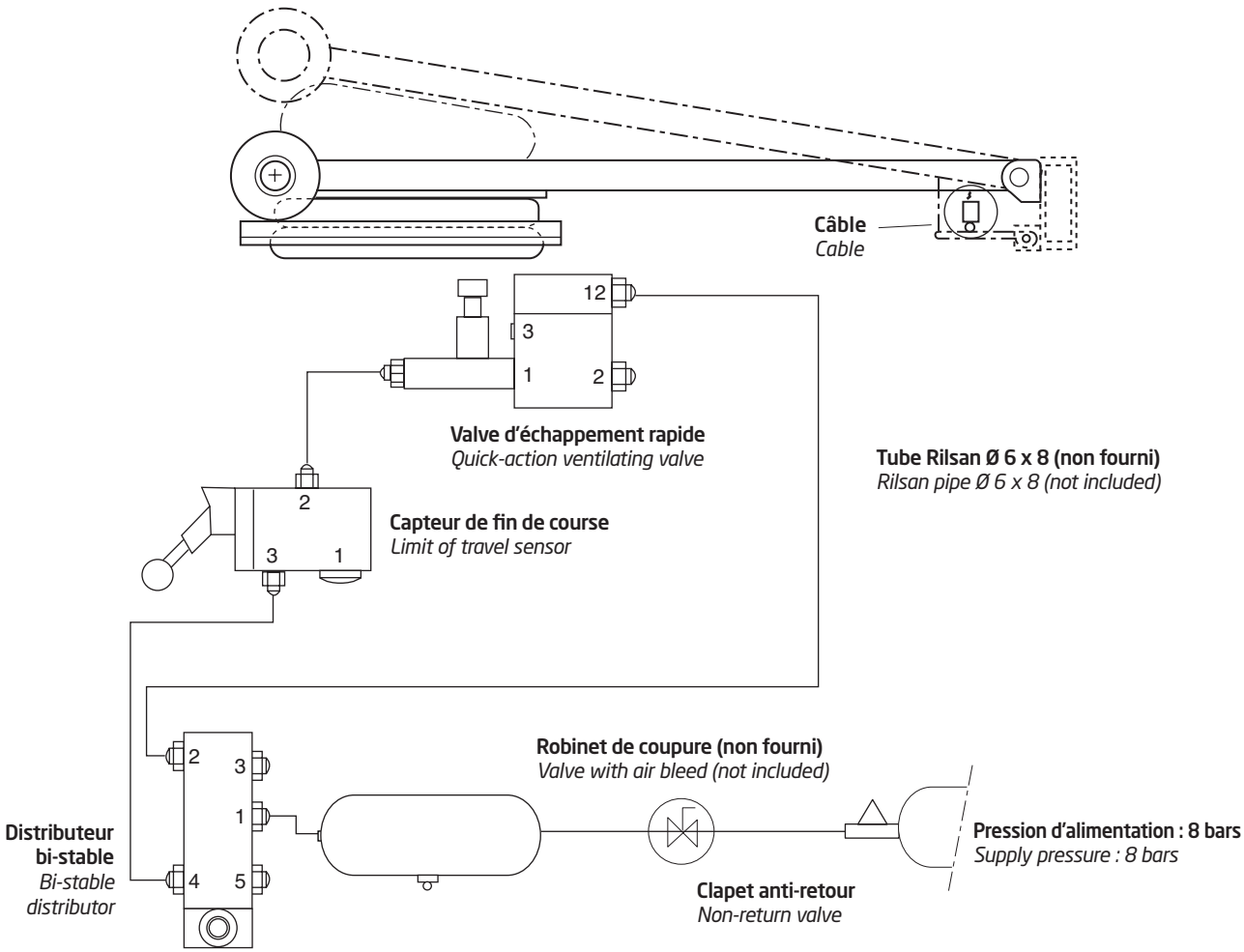
Châssis
Chassis

3644249 S
Bras de levage.
Lifting arm.

Bras de levage / *Lifting arm*

COMPOSITION DU SYSTÈME DE COMMANDE
L'utilisation d'un seul distributeur ayant pour fonction la montée et la descente des bras de levage simplifie l'installation.
Le distributeur bi-stable 5 voies 3 orifices avec retour automatique en position neutre, permet un arrêt immédiat du système dès que le levier du distributeur de commande n'est plus actionné.
Le clapet anti-retour, la valve d'échappement rapide et le capteur de fin de course sont utilisés comme organes de sécurité et assurent la protection de l'installation.
Pour éviter tous risques d'endommagement d'un des bras de levage à la suite de manipulations extérieures ou d'éventuelles fuites du distributeur de commande, il est impératif de le placer dans un endroit sûr, un robinet de coupure (voir schéma).

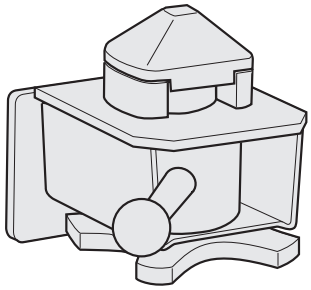
COMPOSITION OF THE CONTROL SYSTEM
To simplify the installation a single distributor to lift and lower the lifting arm will be used.
The 5 ways bi-stable distributor, openings with automatic return to neutral position, allows to immediately stop the system as soon as the control distributor lever is no longer actuated.
The non-return valve, the quick-action ventilating valve and the limit of travel sensor are used to ensure the safety and protect the installation.
To eliminate all risks of damaging one of the lifting arms due to external handling or possible leaks of the control distributor, it is compulsory to place it on a valve with air bleed (see schema).

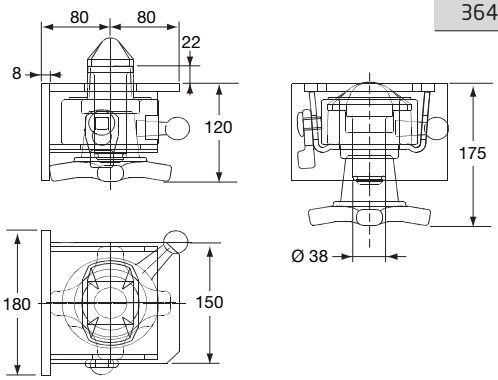


3644236 S
Ensemble de commande pour bras de levage 3644249 S comprenant :
- distributeurs et raccords pour distributeurs.
- réservoir air comprimé de 60 litres, bandes de serrage, soupape d'évacuation et raccords.

Total reservoir unit for lifting arm 3644249 S including :
- Distributors and connections.
- 60 liter compressed air reservoir, tightening strips, exhaust valve and connections.

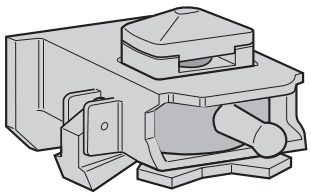
Verrous escamotables / *Retractable bolts*

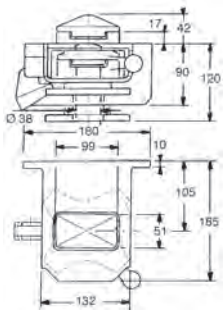




Verrou de conteneur et de caisse amovible, acier.
Container twistlock, steel.

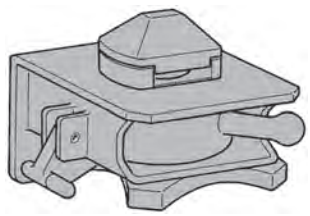
Référence *Reference*	Kg
3644252S	11

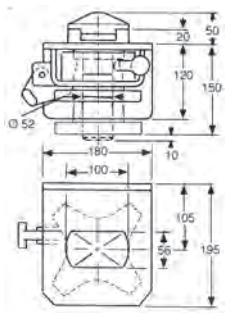




Verrou de conteneur et de caisse amovible, acier.
Container twistlock, steel.

Référence *Reference*	Kg	Ø
3644258	8,4	38

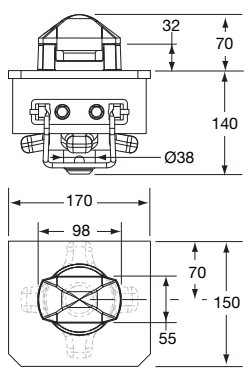




Verrou de conteneur et de caisse amovible, acier.
Container twistlock, steel.

Référence *Reference*	Kg	Ø
3644259	13,6	52

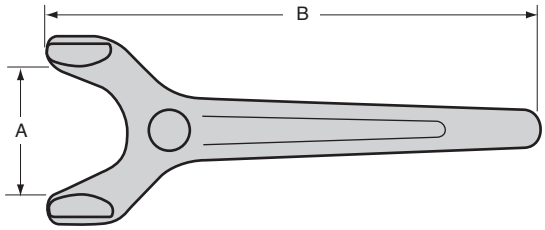
Verrous non escamotables / *Non-retractable bolts*



Verrou de conteneur, acier.
Container twistlock, steel.

Référence *Reference*	Kg	Ø
3644260	8,85	38

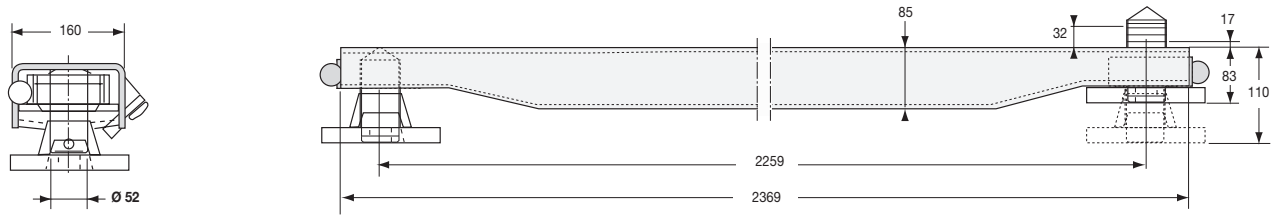
Accessoires de verrous / *Bolt accessories*



Clé pour verrou de conteneur, acier, peinture noire. Petit modèle pour 3644252S, 3644258, 3644260. Grand modèle pour 3644259, 3644300S, 3644302S.
Wrench for container bolt. Small for 3644252S, 3644258 and 3844260. Large size for 3644259, 3644300S, 3644302S.

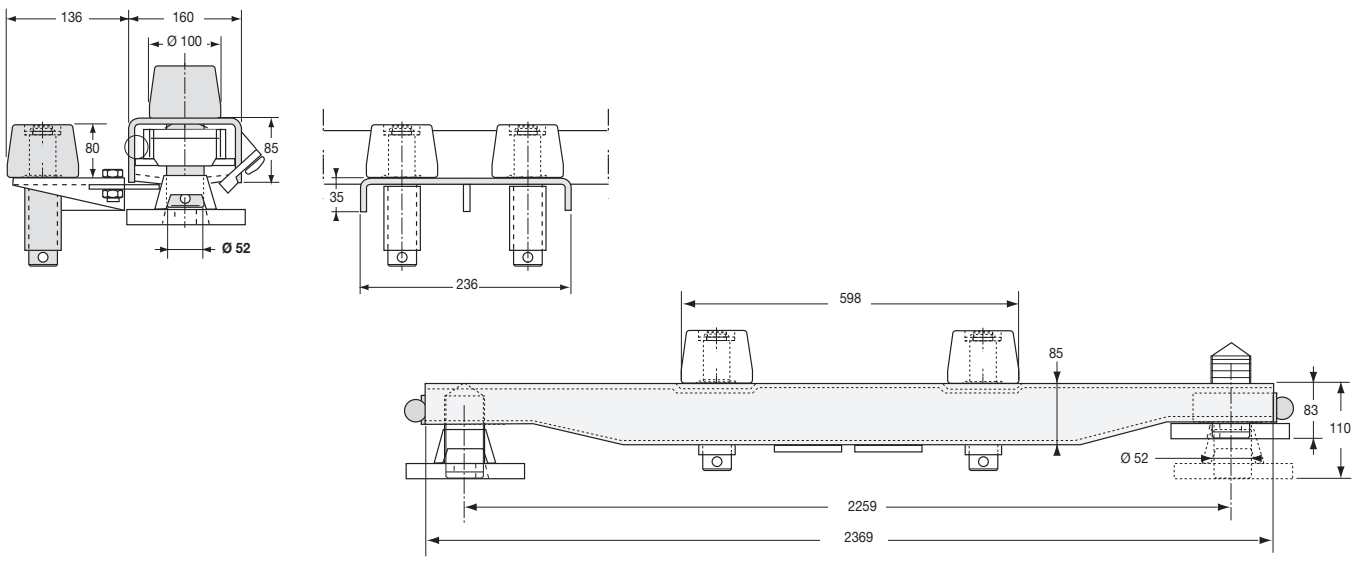
Référence *Reference*	Kg	A (mm)	B (mm)	Pour *For*
3644254	2	87	405	Ø 38
3644255	2,4	105	462	Ø 52

Traverses / *Cross-member*



Traverse combi avec verrous intégrés.
Cross-member with retractable twistlocks.

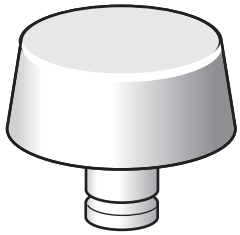
Référence *Reference*	Kg
3644300S	61

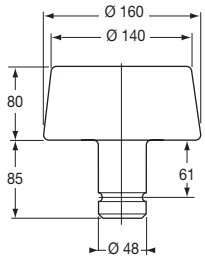


Traverse équipée de verrous escamotables avec 2 rouleaux de guidage et support vide. Modèle acier peint pour caisse mobile 18 tonnes.
Cross-member with retractable twistlocks with 2 rollers and bracket. Painted steel version for 18 ton container.

Référence *Reference*	Kg
3644302S	88

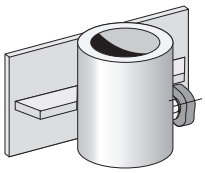
Accessoires pour traverses / *Cross/member accessories*

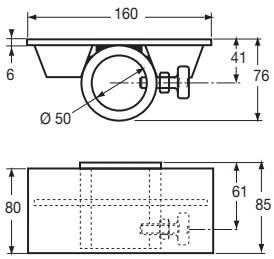




Rouleau de guidage, acier brut.
Roller, self colour steel.

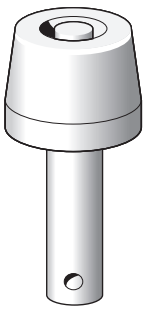
Référence *Reference*	Kg
3644248S	5,5

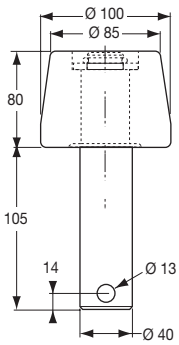




Palier pour rouleau de guidage 3644248S, acier brut.
Roller bearing for 3644248S, self colour steel.

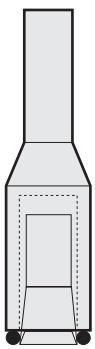
Référence *Reference*	Kg
3644247S	1,5





Rouleau de rechange pour traverse 3644302S.
Replacement roller for cross-member 3644302S.

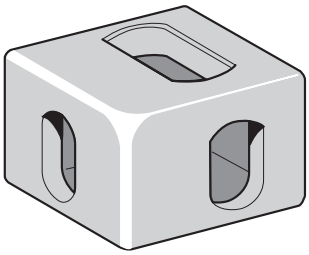
Référence *Reference*	Kg
3644303	4,5

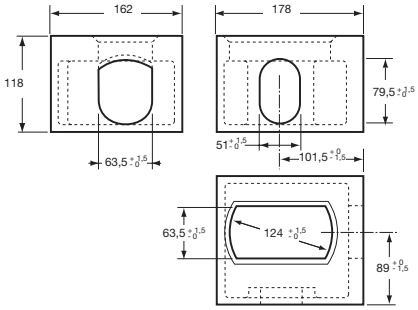


Outil pour montage des anneaux de sécurité pour verrou diamètre 52 mm.
Mounting tool for diameter 52 mm bolt ring.

Référence *Reference*	Kg
3644234	1,2

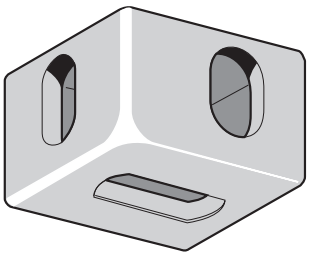
Coins de conteneurs et accessoires / *Container corners and accessories*

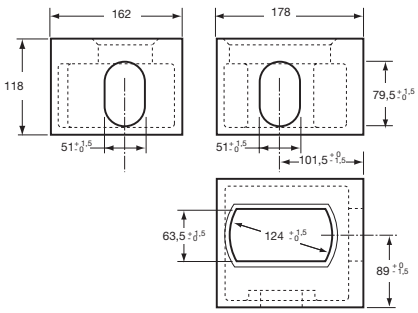




Coin de conteneur ISO 1161, acier moulé, modèle supérieur. Le visuel représente le côté gauche.
Container corner piece ISO 1161, cast steel, bottom model. The image represents the lefthand side.

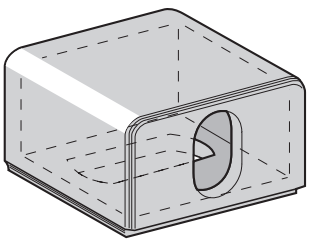
Référence *Reference*	Kg	Côté *Hand*
3644224TL	11,5	Gauche *Left*
3644224TR	11,5	Droit (e) *Right*

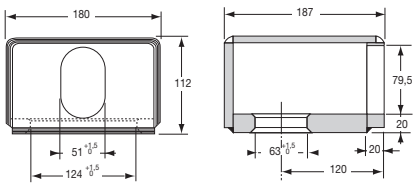




Coin de conteneur ISO 1161, acier moulé, modèle inférieur. Le visuel représente le côté droit.
Container corner piece ISO 1161, cast steel, bottom model. The image represents the righthand side.

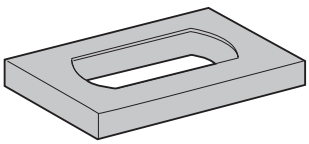
Référence *Reference*	Kg	Côté *Hand*
3644224BL	11,5	Gauche *Left*
3644224BR	11,5	Droit (e) *Right*

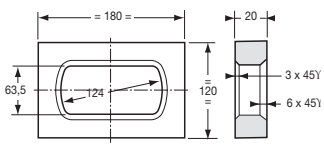




Coin de caisse amovible, acier mécanosoudé brut.
Container corner piece, welded self colour steel.

Référence *Reference*	Kg
3644253 S	9

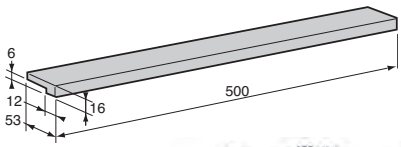


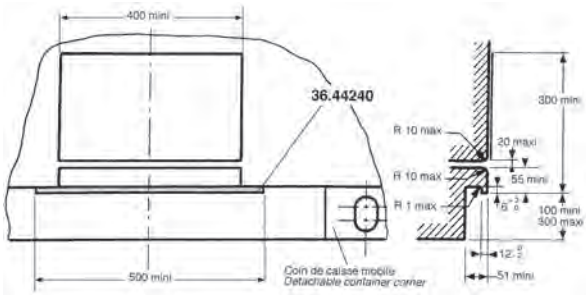


Plaque de fixation simple, acier brut, pour caisse amovible non normalisée.
Simple fastening plate, made of raw steel, for non standard container.

Référence *Reference*	Kg
3644230S	2,9

Coins de conteneurs et accessoires / *Container corners and accessories*

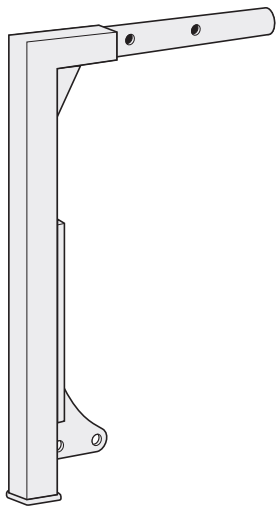


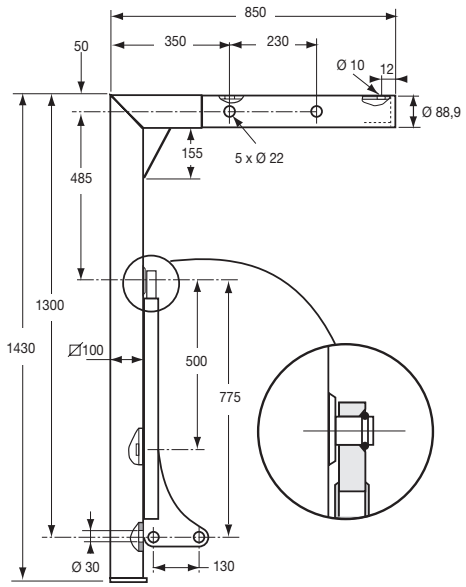


Profil pour pince de levage, acier brut.
Section bar for lifting part, self colour steel.

Référence *Reference*	Kg
3644240	2

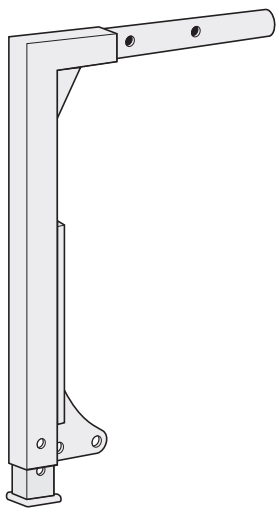
Béquilles / *Struts*

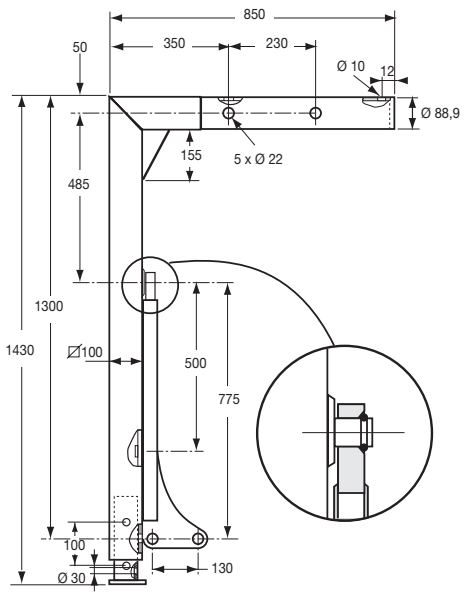




Béquille 18 t rigide complète, hauteur 1430 mm, acier peint.
Complete strut 18 t, rigid, 1430 mm height, painted steel.

Référence *Reference*	Kg
3644246S	40

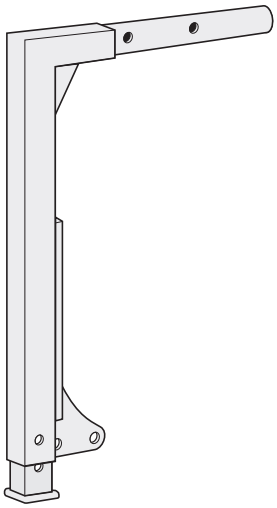


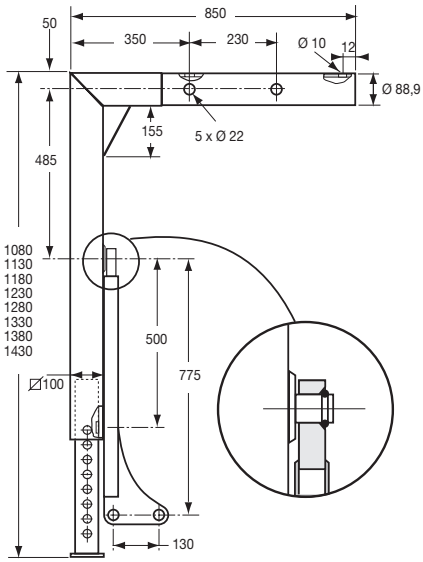


Béquille 18 t télescopique complète, hauteur 1430 mm, course 100 mm, acier peint.
Complete strut 18 t telescopic, 1430 mm height, 100 mm stroke, painted steel.

Référence *Reference*	Kg
3644245S	44

Béquilles / *Struts*

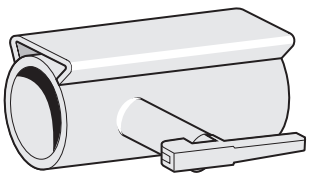


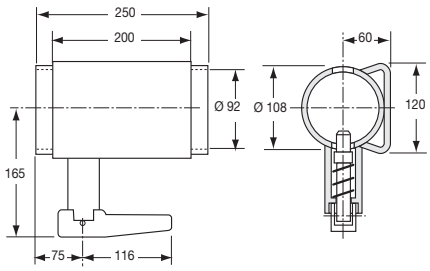


Béquille 18 t télescopique complète, hauteur 1430 / 1080 mm, par 50 mm, acier peint.
Complete strut 18 t, telescopic, 1430 / 1080 mm for 50 mm, painted steel.

Référence *Reference*	Kg
3644305	44

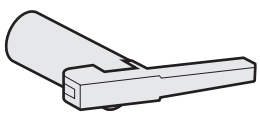
Accessoires de béquilles / *Struts accessories*

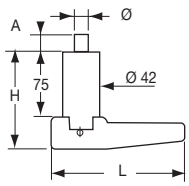




Tube support longueur 250 mm, acier brut. Le visuel représente le modèle droit.
Support tube, 250 mm length, untreated steel. The image represents the righthand side.

Référence *Reference*	Kg	Longueur *Length*	Côté *Hand*
3644243DS	7,5	250	Droit (e) *Right*
3644243GS	7,5	250	Gauche *Left*

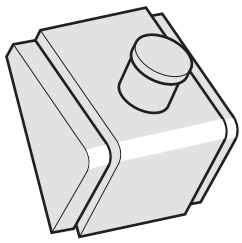


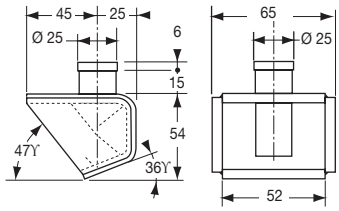


Verrou seul.
Bolt only.

Référence *Reference*	Kg	Ø	A (mm)	L (mm)	H (mm)
3644231VE	1,4	25	22	165	110
3644243VS	1,2	18	20	184	112

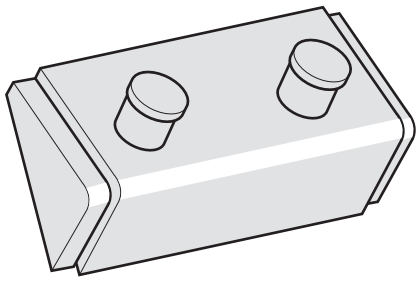
Accessoires de béquilles / *Struts accessories*





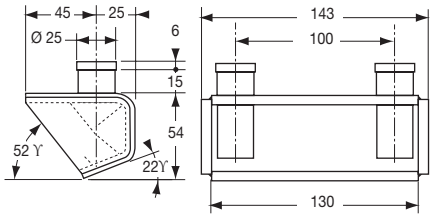
Contre-palier simple, acier soudé brut.
Simplec counter bearing, welded untreated steel.

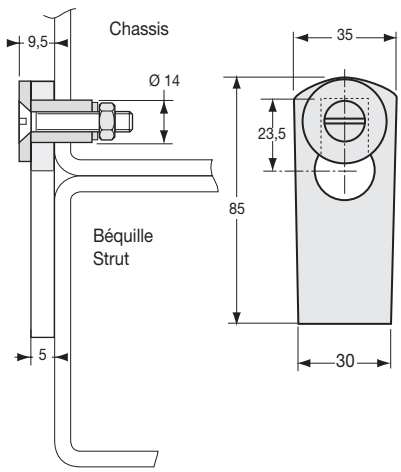
Référence *Reference*	Kg
3644242S	0,9



Contre-palier double, acier soudé brut.
Counter bearing, welded untreated steel.

Référence *Reference*	Kg
3644241S	1,3

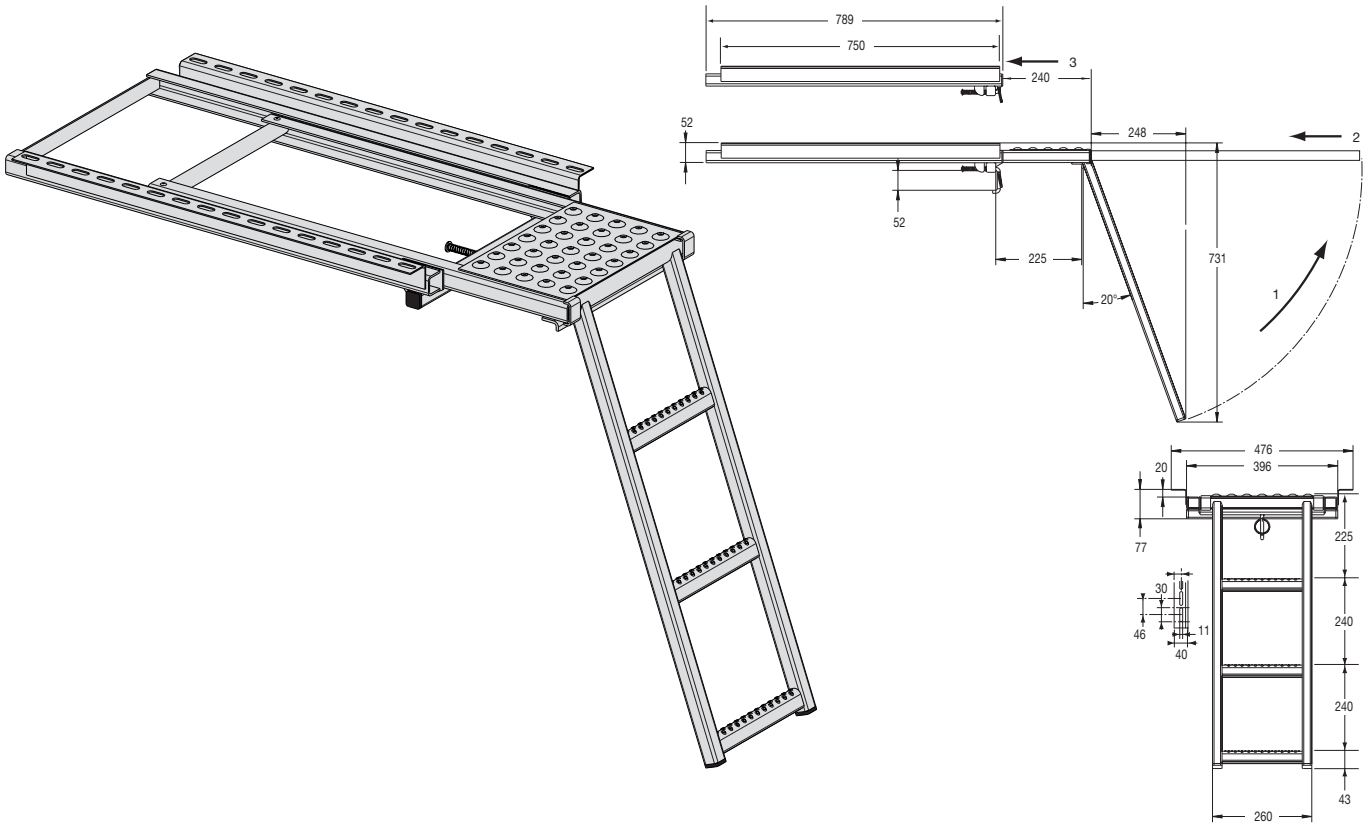




Dispositif anti-chute, acier bichromaté.
Anti-fall device, chromated steel.

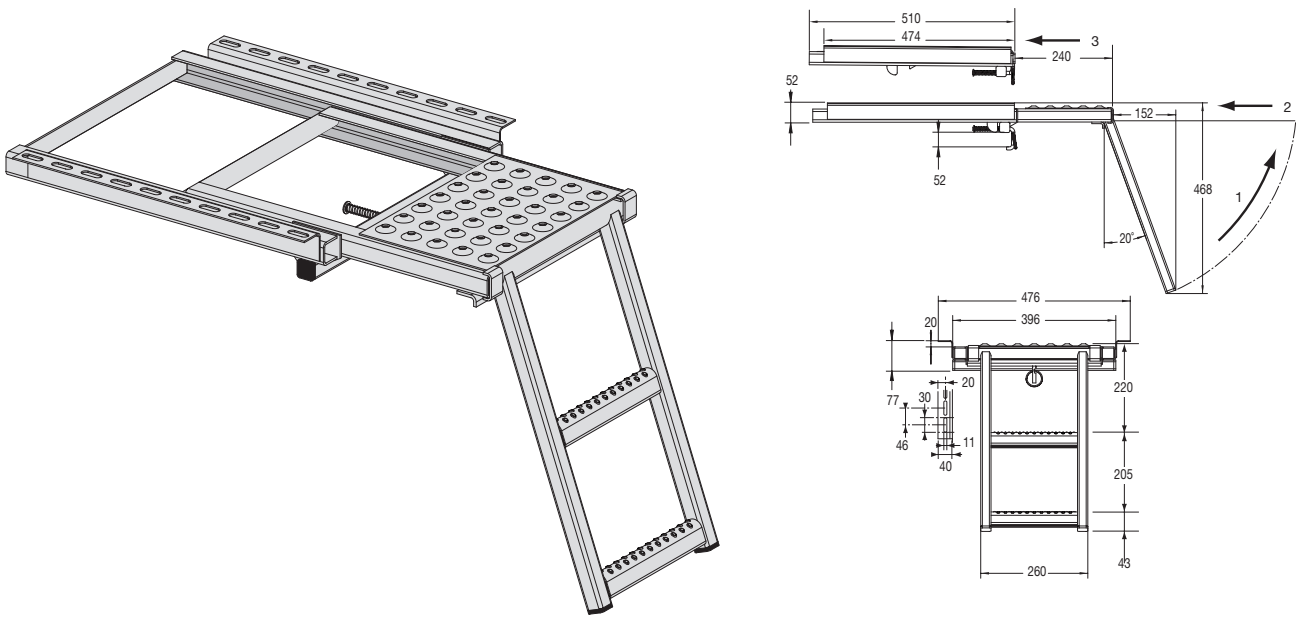
Référence *Reference*	Kg
3644244S	0,2

Escabeaux / *Pullout ladder*



Escabeau téléscopique 4 marches, acier galvanisé, avec plate-forme et blocage en position repliée.
Galvanised steel 4 folding step with platform, can be locked in folded position.

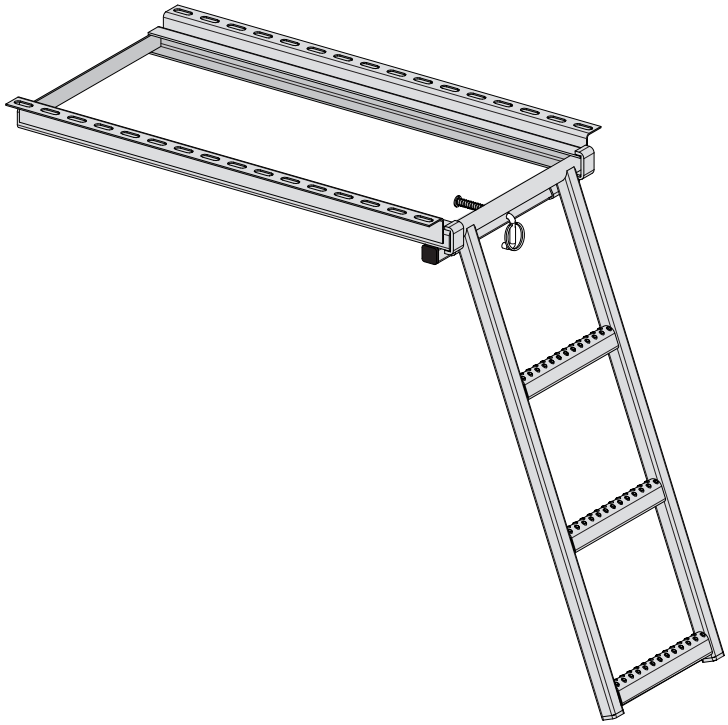
Référence *Reference*	Kg
3943958	13,5

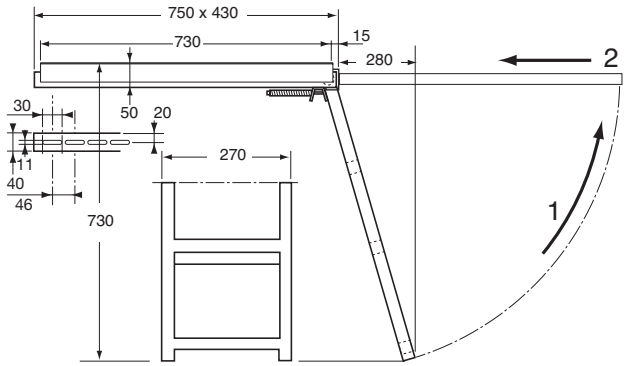


Escabeau téléscopique 3 marches, acier galvanisé, avec plate-forme et blocage en position repliée.
Galvanised steel 3 folding steps with platform, can be locked in folded position.

Référence *Reference*	Kg
3943957	8,4

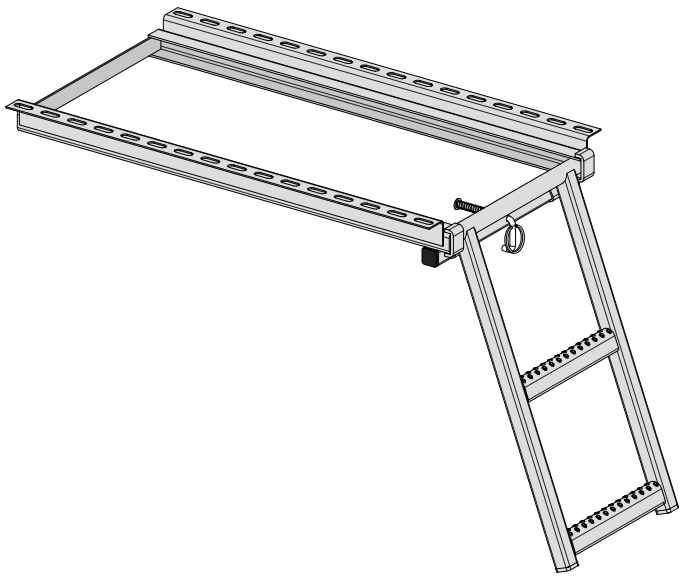
Escabeaux / *Pullout ladder*

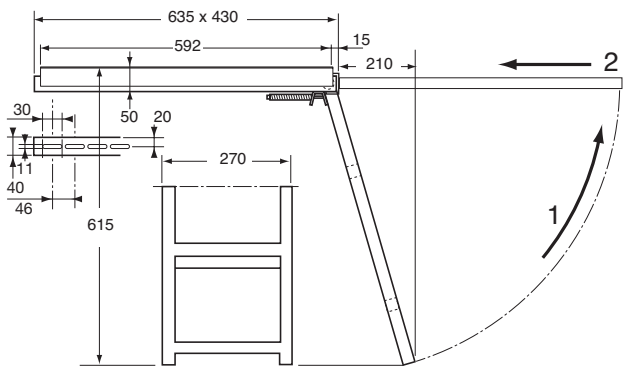




Escabeau escamotable, 3 marches, acier galvanisé, blocage en position repliée par verrou.
Galvanised steel folding step, 3 steps, can be locked in folded position with bolt.

Référence *Reference*	Kg
3943956	7

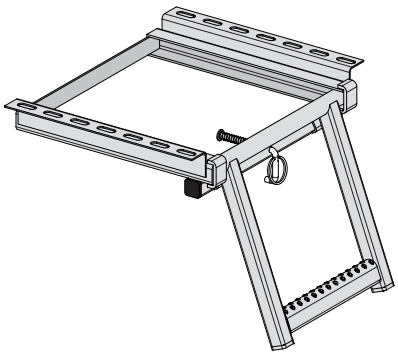


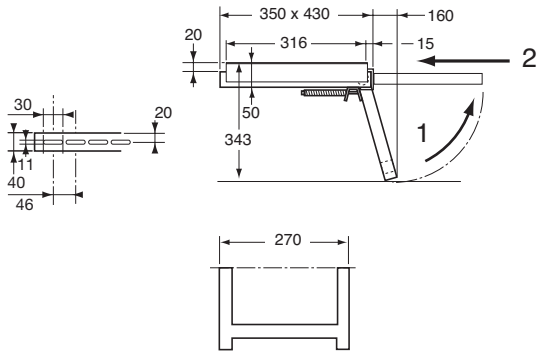


Escabeau escamotable, 2 marches, acier galvanisé, blocage en position repliée par verrou.
Galvanised steel folding step, 2 steps, can be locked in folded position with bolt.

Référence *Reference*	Kg
3943955	5,2

Escabeaux / *Pullout ladder*

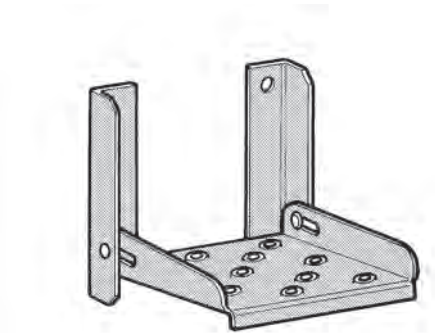


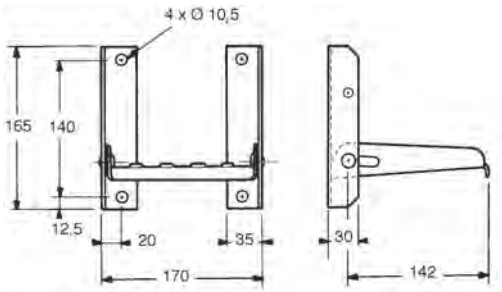


Escabeau escamotable, 1 marche, acier galvanisé, blocage en position repliée par verrou.
Galvanised steel folding step, 1 step, can be locked in folded position with bolt.

Référence *Reference*	Kg
3943948	4,9

Marchepieds / *Steps*

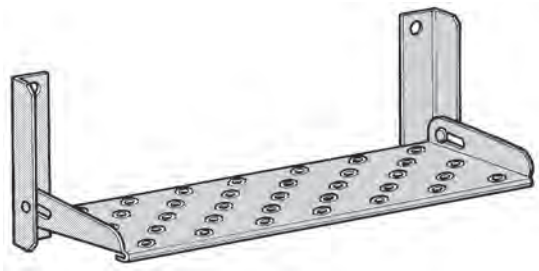


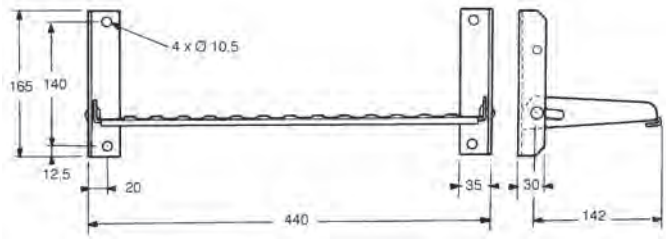


Marchepied petit modèle, acier galvanisé.
Galvanized steel small folding step.

Référence *Reference*	Kg
3943951GA	1,13

Marchepieds / *Steps*





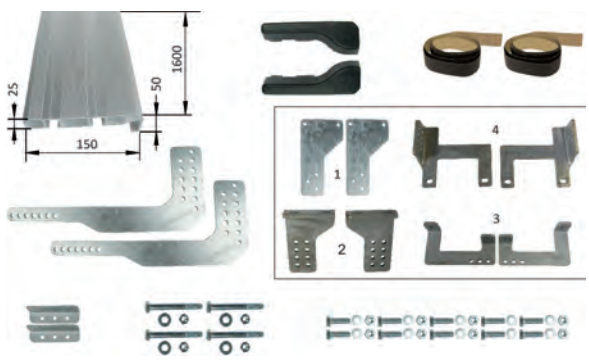
Marchepied grand modèle, acier zingué.
Zinc plated steel large folding step.

Référence *Reference*	Kg
3943952	2,2

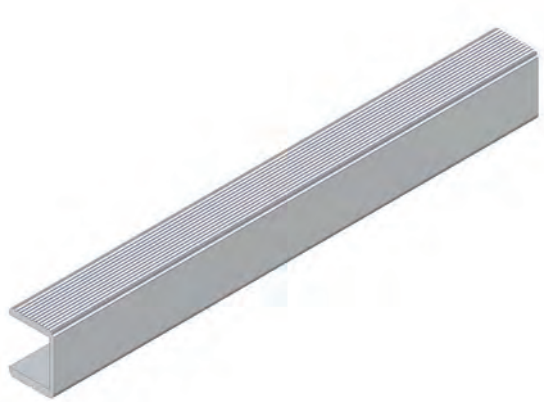
EASY STEP

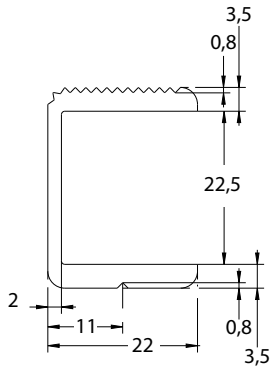
Kit marchepied avec joues adaptées aux véhicules en acier galvanisé, profil aluminium avec embouts caoutchouc.
Kit rear step with supports adapted to the vehicles, galvanized steel, aluminium profile with rubber caps.

Référence *Reference*	Kg	Pour *For*	Type *Type*	Finition *Finish*
3943ES1A	13	*SPRINTER CRAFTER*	1	Aluminium anodisé (e) *Anodized aluminium*
3943ES2A	13	NEW DAILY TRANSIT	2	Aluminium anodisé (e) *Anodized aluminium*
3943ES3A	13	MASTER MOVANO NV 400	3	Aluminium anodisé (e) *Anodized aluminium*
3943ES4A	13	DUCATO JUMPER BOXER	4	Aluminium anodisé (e) *Anodized aluminium*



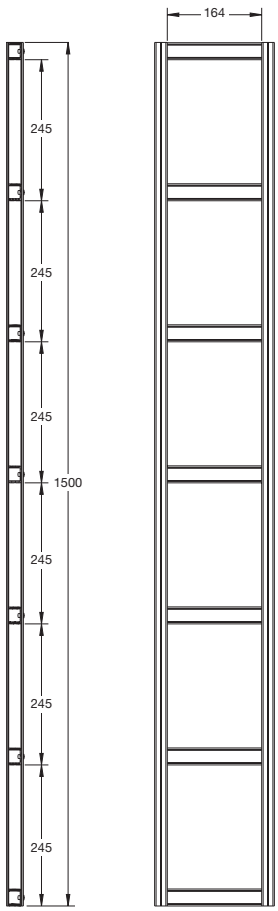
Échelles / *Ladders*





Profil antidérapant pour échelle d'accès en aluminium anodisé, longueur 3080 mm.
Antislip anodised alumium profile for access ladder, 3080 mm length.

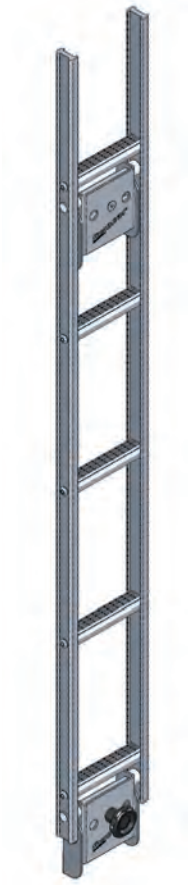
Référence *Reference*	Kg	Longueur *Length*
3744656	1,54	3080

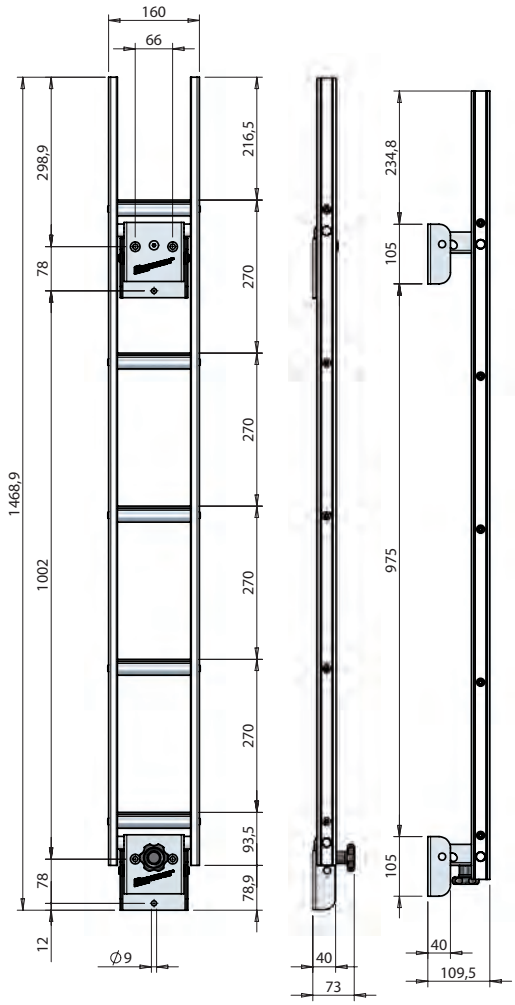


Echelle d'accès en aluminium anodisé, hauteur 1500 mm. Profil antidérapant. Livrée sans support de fixation.
Anodised aluminium access ladder 1500 mm height. Antislip profile. Delivered without fixing brackets.

Référence *Reference*	Kg	Hauteur *Height*
3744650	2,15	1500

Échelles / *Ladders*





Échelle de service repliable avec marches antidérapantes.
Folding service ladder with anti-slip rungs.

Référence *Reference*	Kg
352110647	5,5

Kit poignée de verrouillage pour échelle de service repliable.
Fixing kit knob with nut for service ladder.

Référence *Reference*	Kg
352110710	0,06

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