BREVETTI

ADEM

YOUR PERSONAL PARTNER



# ACCESSORI PER CANCELLI

ACCESSORIES FOR GATES
ACCESSOIRES POUR PORTAILS
ZUBEHÖRE FÜR TORE

MADE IN ITALY



# CATALOGO 2021
## CATALOG 2021
## CATALOGUE 2021
## KATALOG 2021

Un percorso, quello di Brevetti Adem, accompagnato da cataloghi espressione dell'identità dei suoi protagonisti.
L'inventiva tecnica inizialmente, poi la crescita della proposta commerciale, ed il miglioramento dell'offerta complessiva negli anni recenti.
Proponiamo ora un nuovo catalogo che aggiunge una vasta offerta di nuovi prodotti, cercando inoltre di migliorare la comprensione degli articoli.

- Nuova disposizione dei prodotti
- Ampliamento di gamma e varianti
- Miglioramento delle informazioni tecniche
- Supporto diretto a clienti ed utilizzatori

A route, for Brevetti Adem, supported by catalogues that express the identity of its protagonists.
The technical creativity initially, then the growth of the commercial proposal, and the improvement of the complete offer in recent years.
We now propose a new catalogue that adds a wide range of new products, also trying to improve the understanding of the items.

- New product layout
- Extension of range and variants
- Improvement of technical information
- Direct support to customers and users

Un parcours, celui des Brevets Adem, accompagné de catalogues qui expriment l'identité de ses protagonistes.
Inventivité technique initiale, puis croissance de la proposition commerciale, et amélioration de l'offre globale ces dernières années.
Nous proposons maintenant un nouveau catalogue qui ajoute une large gamme de nouveaux produits, essayant également d'améliorer la compréhension des articles.

- Nouvel arrangement de produits
- Extension de la gamme et des variantes
- Amélioration des informations techniques
- Assistance directe aux clients et utilisateurs

Der Weg von Brevetti Adem wird von Katalogen begleitet, die Ausdruck der Identität seiner Protagonisten sind.
Anfänglicher technischer Erfindungsreichtum, dann das Wachstum des kommerziellen Angebots und die Verbesserung des Gesamtangebots in den letzten Jahren.
Wir schlagen jetzt einen neuen Katalog vor, der eine breite Palette neuer Produkte hinzufügt und auch versucht, das Verständnis der Artikel zu verbessern.

- Neue Produktanordnung
- Erweiterung des Sortiments und der Varianten
- Verbesserung der technischen Informationen
- Direkter Support für Kunden und Benutzer

MADE IN ITALY

# ADATTARSI AL CAMBIAMENTO

ADAPTING TO CHANGE
S'ADAPTER AU CHANGEMENT
AN ÄNDERUNG ANPASSEN

In meccanica la RESILIENZA è la capacità di assorbire l'energia provocata da forze dinamiche, ovvero dagli urti, in modo elastico o plastico permanente.
Adeguandola alla vita comune, in psicologia, si definisce RESILIENZA la capacità di reagire con atteggiamento positivo alle difficoltà, esprimendo anche risorse ed abilità inespresse per creare nuovi progetti, adattandosi ai cambiamenti.
Consapevole delle proprie caratteristiche, Brevetti Adem persevera nella flessibilità progettuale e realizzativa, al fine di soddisfare i clienti per produzioni di serie o personalizzate: tecnica, concretezza ed economicità ne sono i fattori, sempre in nome del Made in Italy della nostra produzione, in sintonia con i clienti.

In mechanics RESILIENCE is the ability to absorb the energy caused by dynamic forces, i.e. shocks, in an elastic or permanent plastic way.
Adapting it to common life, in psychology, RESILIENCE is defined as the ability to react with a positive attitude to difficulties, finding also unexpressed resources and skills to create new projects and adapting to changes.
Aware of its own characteristics, Brevetti Adem perseveres in its design and manufacturing flexibility, in order to satisfy its clients for standard or customized productions: technique, concreteness and cheapness are the main factors, always in the name of Made in Italy of our production and in harmony with our customers.

En mécanique, la résilience est la capacité d'absorber l'énergie provoquée par les forces dynamiques, ou par les chocs, de manière élastique ou plastique permanente.
En l'adaptant à la vie commune, en psychologie, RÉSILIENCE se définit comme la capacité à réagir avec une attitude positive face aux difficultés, en exprimant également des ressources et des compétences tacites pour créer de nouveaux projets, en s'adaptant aux changements.
Conscient de ses propres caractéristiques, adem brevets persévère dans la flexibilité de conception et de fabrication, afin de satisfaire les clients pour des productions en série ou sur mesure: la technique, le concret et la rentabilité sont les facteurs, toujours au nom du Made in Italy de notre production, en harmonie avec les clients.

In der Mechanik ist RESILIENCE die Fähigkeit, Energie, die durch dynamische Kräfte oder Stöße verursacht wird, auf elastische oder dauerhafte plastische Weise zu absorbieren. Im normalen Leben und in der Psychologie ist RESILIENCE definiert als die Fähigkeit, positiv auf Schwierigkeiten zu reagieren und unausgesprochene Ressourcen und Fähigkeiten auszudrücken, um neue Projekte zu erstellen und sich an Veränderungen anzupassen.
Brevetti Adem ist sich seiner eigenen Eigenschaften bewusst und setzt auf Flexibilität bei Design und Herstellung, um Kunden für Serien oder kundenspezifische Produktionen zufrieden zu stellen: Technik, Konkretheit und Kosteneffizienz sind die Faktoren im Einklang mit den Kunden, immer im Namen des Made in Italy unserer Produktion.

## Come nasce un prodotto ADEM

How are created BREVETTI ADEM products
Le process de formation de produits de Brevetti Adem
Wie entsteht ein ADEM Produkt?




**Analizzare le esigenze degli utilizzatori**
Analyze users' needs
Analiser les besoins des utilisateur
Die Anforderungen der Kunden analysieren




**Cercare le soluzioni**
Search for solutions
Chercher les solutions
Lösungen finden




**Progettare**
Design
Conception
Designen




**Realizzare prototipi e testare**
Manufacture and test prototypes
Realiser et tester des prototypes
Prototypen realisiaren und testen




**Produrre**
Production
Produire
Herstellen




**Distribuire**
Distribuction
Distribuer
Verteilen

NOVITÀ
NEW NOUVEAU NEUHEIT

# NUOVI PRODOTTI E SOLUZIONI
NEW PRODUCTS AND SOLUTIONS
NOUVEAUX PRODUITS ET SOLUTIONS
NEUE PRODUKTE UND LÖSUNGEN

## Soluzioni per cancelli scorrevoli
Sliding gate solutions
Solutions pour portails coulissants
Lösungen für Schiebetore



Ruote con fiancate a saldare.
Wheels with welding plates.
Roues avec côtés à souder.
Rollen mit Seiten zum Schweißen.

PAG. 17



Nuovi battenti di fine corsa.
New limit stops.
Nouveau battants de fin course.
End-of-Stroke Anschlag.

PAG. 20



Nuovo profilo a cementare
New cementing profile.
Nouveau rail à sceller au sol.
Neues Profil zum Zementieren.

PAG. 18



Rulli in gomma.
Rubber's guide rollers.
Rouleaux en caoutchouc.
Gummiwalzen.

PAG. 22



PAG. 19

Cremagliere 22x22 e 30x30.
Steel racks 22x22 and 30x30.
Crémaillère 22x22 et 30x30.
Stahlzahnstangen 22x22 und 30x30.



Rulli lunghi con supporto regolabile.
Long rollers with adjustable support.
Roulements de guidage long avec support réglable.
Lange Walzen mit verstellbarer Unterstützung.

PAG. 23

## Soluzioni per cancelli autoportanti
Cantilever gates systems
Systémes pour portails autoportants
Freitragende Schiebetoresysteme





Serie ALUM con profilo in alluminio e carrelli con ruote in resina acetalica.
ALUM series with aluminium profile and trolleys with acetal resin wheels.
Série ALUM avec profilé en aluminium et chariots avec roues en résine acétalique.
ALUM-Serie mit Aluminiumprofil und Polyacetalrollen.

PAG. 44



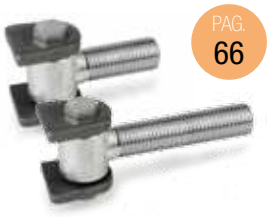


Serie EASY per cancelli autoportanti molto leggeri.
EASY series for very light cantilever gates.
Série EASY pour portails autoportants très légers.
EASY-Serie für sehr leichte freitragende Schiebetore.

PAG. 46

# Soluzioni per cancelli ad anta

Swing gates solutions
Solutions pour portails battants
Produkte für Drehtor



PAG. 66

Cardini con barra filettata più lunga.
Hinges with longer threaded bar..
Gonds avec barre filetée plus longue.
Scharniere mit längerer Gewindestange.



PAG. 67

Cardini per cancelli Inox ed Alluminio.
Hinges for stainless steel and aluminium gates.
Gonds pour portails en acier inoxydable et aluminium.
Scharniere für Edelstahls- und Aluminiumstore.



PAG. 69

Nuove piastre di fissaggio.
New fixing plates.
Nouvelles plaques de fixation.
Neue Befestigungsplatten.



PAG. 80

Cardini a cuscinetto rinnovati nella forma e nelle caratteristiche di portata e funzionalità.
Bearing hinges renovated in shape and on capacity and functionality features.
Charnières de roulement renouvelées dans la forme et dans les caractéristiques de capacité et de fonctionnalité.
Lagerscharniere erneuert in Form und in den Eigenschaften von Kapazität und Funktionalität.





PAG. 84

Molti nuovi accessori per le installazioni ad anta.
Many new accessories to complete the swing installation.
Nombreux nouveaux accessoires pour compléter les installations de portes.
Viele neue Zubehörteile für die Fertigstellung von Türinstallationen.





PAG. 89

Battenti ed incontri.
Strikes.
Battants.
Anschläge.





PAG. 95

Copricolonna.
Caps.
Couvertures de colonne.
Abdeckkappe.



PAG. 103

Nuove serrature specifiche per la sicurezza.
New security specific locks.
Nouvelles serrures de sécurité spécifiques.
Neue Schlösser - spezifische für die Sicherheit.



PAG. 108

Proposte in kit per serrature.
Proposed in kit for locks.
Proposées en kits pour serrures.
Vorgeschlagen in Kits für Schlösser.



Carrelli a 9-10 ruote per uno scorrimento migliore dei profili delle serie BASE - STRONG - HEAVY.

PAG. 48

Trolleys with 9-10 wheels for a better sliding of the profiles for the series BASE - STRONG - HEAVY.
Chariots 9-10 roues pour un glissement meilleur des profilés de la série BASE - STRONG - HEAVY.
Wagen mit 9-10 Rädern für ein besseres Gleiten der Profile der BASE - STRONG - HEAVY - Serie.





PAG. 47

Tiranti di regolazione.
Adjustment tie-rods.
Tiges de réglage.
Einstellstangen.

NOVITÀ
NEW NOUVEAU NEUHEIT

# NUOVI PRODOTTI E SOLUZIONI
NEW PRODUCTS AND SOLUTIONS
NOUVEAUX PRODUITS ET SOLUTIONS
NEUE PRODUKTE UND LÖSUNGEN

## Catenacci e chiusure
Bolts and closures
Verrous et fermetures
Riegel und Schlüsse



PAG. 116

Realizziamo chiavistelli personalizzati per settori specifici, rispondendo alle richieste di prodotti fuori standard.
We create customized bolts for specific sectors, responding to requests for non-standard products.
Nous produisons des verrous personnalisés pour des secteurs spécifiques, en répondant aux demandes de produits non standard.
Wir erstellen maßgeschneiderte Verriegelungen für bestimmte Branchen und reagieren auf Anfragen nach nicht standardmäßigen Produkten.



Nuovi catenacci a ginocchiera per cancelli pesanti.
New toggle bolts for heavy gates.
Nouveau verrous autobloquant pour portails lourds.
Neue Kniehebelriegel für schwere Tore.

PAG. 129



PAG. 136

Accessori per legno, cardini e bandelle, fermabalconi, cerniere a molla e chiudi porta.
Accessories for wood, hinges and strips, balcony stops, spring hinges and door closers.
Accessoires pour bois, cordons et charnières, retenues de balcon, charnières à ressort et ferme-portes.
Zubehöre für Holz, Torbänder, Balkonhalter, Federscharniere und Türschließer.



PAG. 142

Integrati gli accessori per ringhiere ed inferriate.
Accessories for railings and gratings is also integrated.
Accessoires pour garde-corps et grilles ont également été intégrés.
Zubehöre für Geländer und Gitter wurden ebenfalls integriert.

## Accessori per portoni industriali
Accessories for industrial doors
Accessoires pour portes industrielles
Zubehöre für Industrietore



PAG. 146

Versioni con ruote in nylon dei carrelli scorrevoli.
Versions with nylon wheels of the sliding trolleys.
Versions avec roues en nylon de chariots coulissants.
Versionen mit Nylonrädern von Schiebetoren.

Nuova gamma completa di accessori per i portoni a libro.
New complete range of accessories for folding doors.
Nouvelle gamme complète d'accessoires pour portes pliantes.
Neues komplettes Zubehörprogramm für Falttüren.

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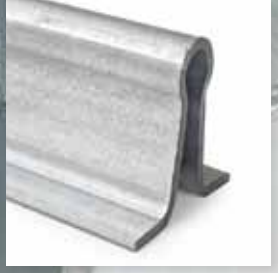
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# SOLUZIONI PER CANCELLI SCORREVOLI

SLIDING GATE SOLUTIONS
SOLUTIONS POUR PORTAILS COULISSANTS
LÖSUNGEN FÜR SCHIEBETORE









# Soluzioni per cancelli scorrevoli
Sliding gate solutions
Solutions pour portails coulissants
Lösungen für Schiebetore


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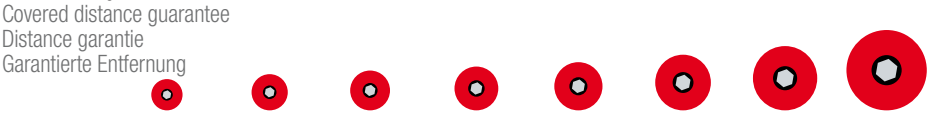







# RUOTE
WHEELS
ROUES
ROLLEN

Percorrenza garantita
Covered distance guarantee
Distance garantie
Garantierte Entfernung



| D mm | 60 | 80 | 90 | 100 | 120 | 140 | 160 | 200 |
|---|---|---|---|---|---|---|---|---|
| Km | 188 | 251 | 282 | 314 | 376 | 439 | 502 | 628 |

## Guida alla scelta di una ruota

In base al peso del cancello si sceglie un tipo di ruota con portata adeguata e si determina la misura del diametro ideale secondo il seguente metodo:

$$L = \frac{A \times 2 \times N \times G \times 52}{1000}$$

dove: **L** = percorrenza totale annua in km prevista per il cancello
**A** = corsa in metri del cancello (apertura)
**N** = quantità media di aperture giornaliere previste
**G** = giorni di utilizzo settimanale

Si otterrà così la percorrenza annua prevista per il cancello. Siete ora in grado di stabilire la durata in anni prevista per le ruote:

$$\text{Durata (n° anni)} = \frac{\text{km percorribili}}{L}$$

Per installazioni in ambienti umidi, polverosi o particolarmente aggressivi, la durata può diminuire in funzione dell'intensità di questi. La periodica pulizia e manutenzione ne agevola il corretto funzionamento nel tempo, in particolare le ruote con perno ingrassatore consentono una maggiore protezione del cuscinetto se controllate periodicamente.

## How to choose a wheel

Depending on the weight of the gate you should choose a wheel that has an adapted capacity and so you can calculate the measure of the perfect diameter according to the following manner:

$$L = \frac{A \times 2 \times N \times G \times 52}{1000}$$

where: **L** = total annual covered distance in km estimated for the gate
**A** = stroke of the gate in meters (opening)
**N** = average amount of the daily estimated openings
**G** = weekly days of use

By this way you will obtain the annual covered distance expected for the gate. Now it's possible to estimate the duration in years expected for the wheels:

$$\text{Duration (years n.)} = \frac{\text{coverable km}}{L}$$

Due to the installations in damp, dusty or particular aggressive environments the duration can decrease depending on their intensity. The periodical cleaning and maintenance facilitates the right function during the years, in particular the wheels with lubricating pin allow a greater protection of the bearing, if they are checked periodically.

## Guide à choisir une roue

Sur la base du poids du portail, un type de roue de capacité adéquate est choisi et la mesure du diamètre idéal est déterminée selon la méthode suivante:

$$L = \frac{A \times 2 \times N \times G \times 52}{1000}$$

où: **L** = kilometrage annuel total, pour grille
**A** = course en métre pour grille (ouvertore)
**N** = quantité moyenne d'ouverture jornalières prèvues
**G** = jours de utilisation par semaine

Vous obtiendrez le kilométrage annuel pour le portail. Vous etes en mesure de determiner la longuer en ans du roues:

$$\text{Durée (nr. ans)} = \frac{\text{km navigable}}{L}$$

Pour les installations dans des environnements humides, poussiéreux ou particulièrement agressifs, la durée peut diminuer. Le nettoyage et l'entretien périodiques facilitent le fonctionnement correct dans le temps, en particulier les roues avec graisseurs permettent une meilleure protection du roulement si elles sont vérifiées périodiquement.

## Leitlinien für die Wahl der Rolle

Auf der Grundlage des Gewichts der Tore soll eine Rolle mit einer angemessenen Ladefähigkeit entscheiden werden. Die Durchmessersmessung soll wie folgt berechnen werden:

$$L = \frac{A \times 2 \times N \times G \times 52}{1000}$$

d.h.: **L** = total Jahreskilometerleistung für Tore
**A** = Meterlauf für Tore (Öffnung)
**N** = Durchschnittsmenge von täglichen Öffnungen
**G** = wöchentliche Verwendungstage

Die Jahreskilometerleistung für Tore wird so erreicht. Jetzt ist es möglich, die Jahresdauer der Rollen zu bestimmen:

$$\text{Dauer (Jahresnummer)} = \frac{\text{Kilometerleistung}}{L}$$

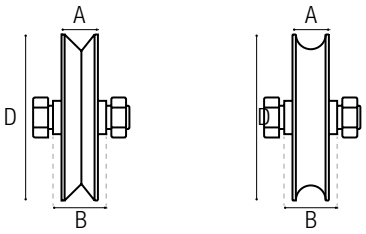
Für Installationen unter feuchten, staubigen oder stark aggressiven Bedingungen kann die Dauer aufgrund Ihren Intensität vermindern. Die regelmäßige Kontrolle und Reinigung erleichtern den korrekten Betrieb im Zeitablauf; insbesondere ermöglichen die Rollen mit Schmiernippelbolzen einen besseren Schutz des Lagers, wenn sie periodisch kontrolliert werden.

# Ruote con bullone

Wheels with bolt
Roues avec boulon
Rollen mit Bolzen



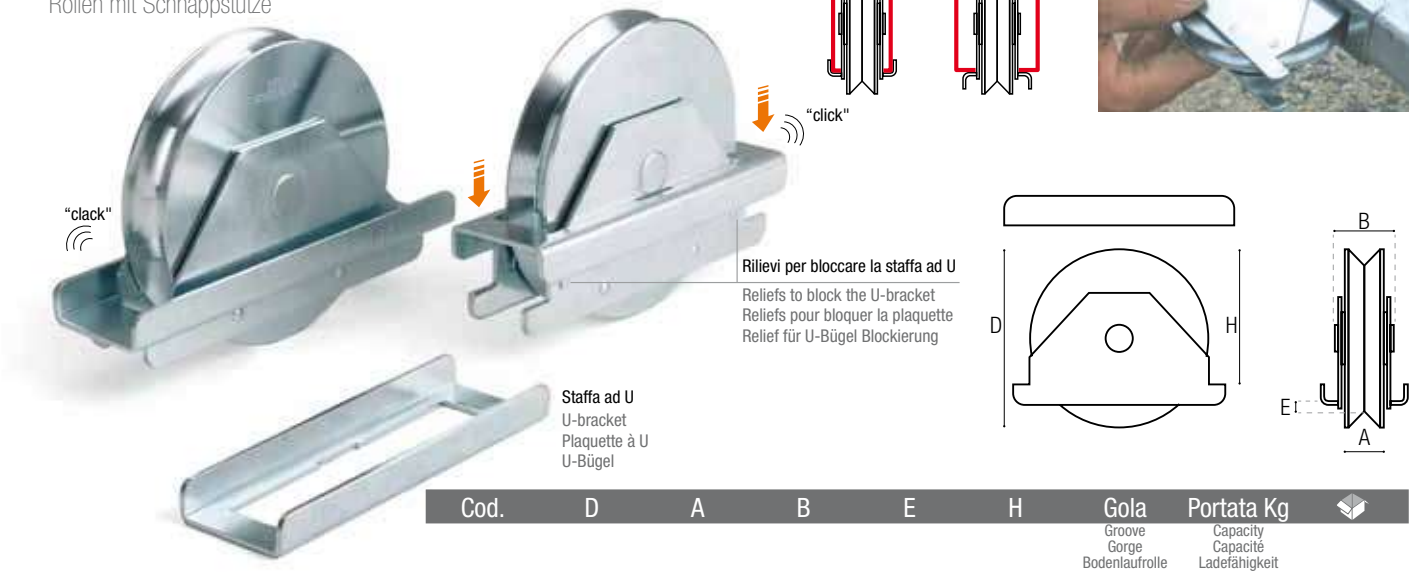





| | Cod. | D | Tubo<br>Tube<br>Tube<br>Rohr | A | B | Gola<br>Groove<br>Gorge<br>Bodenlaufrolle | Portata Kg<br>Capacity<br>Capacité<br>Ladefähigkeit | Bullone<br>Bolt<br>Boulon<br>Bolzen | |
|---|---|---|---|---|---|---|---|---|---|
| Ruote a V ad 1 cuscinetto<br>V wheels with 1 bearing<br>Roues avec gorge à V et 1 roulement<br>V-Rollen mit 1 Lager | 126 | 60 | 40 | 20 | 33 | V | 270 | 12x50 | 10 |
| | 60 | 80 | 40 | 20 | 33 | V | 450 | 14x60 | 6 |
| | 127 | 90 | 40 | 20 | 33 | V | 450 | 14x60 | 4 |
| | 62 | 100 | 40 | 20 | 33 | V | 450 | 14x60 | 4 |
| | 64 | 120 | 40 | 20 | 33 | V | 450 | 14x60 | 4 |
| | 66 | 140 | 40 | 20 | 33 | V | 650 | 14x60 | 4 |
| Ruote a V ad 2 cuscinetti<br>Fornite di rondelle supplementari<br>di spessoramento<br>V wheels with 2 bearings<br>With additional washers<br>Roues avec gorge à O d.20 et 2 roulements fourni avec<br>rondelles supplementaires<br>Bodenlaufrolle Durchm. 20 mit 2 Lager<br>- mit zusätzlichen Dickescheibe | 91 | 100 | 40-50 | 30 | 33-43 | V | 900 | 14x70 | 6 |
| | 95 | 120 | 50-60 | 30 | 43-53 | V | 900 | 14x70 | 4 |
| | 95/80 | 120 | 80 | 30 | 73 | V | 900 | 14x90 | 2 |
| | 97 | 140 | 50-60 | 30 | 43-53 | V | 1300 | 16x70 | 2 |
| | 97/80 | 140 | 80 | 30 | 73 | V | 1300 | 16x100 | 2 |
| | 99 | 160 | 50-60 | 30 | 43-53 | V | 1300 | 16x70 | 2 |
| | 99/80 | 160 | 80 | 30 | 73 | V | 1300 | 16x100 | 2 |
| | 101 | 180 | 50-60 | 32 | 43-53 | V | 1300 | 20x70 | 2 |
| | 101/80 | 180 | 80 | 32 | 73 | V | 1300 | 20x100 | 2 |
| | 103 | 200 | 80-100 | 34 | 93 | V | 1300 | 24x110 | 2 |
| Ruote gola diametro 16 ad 1 cuscinetto<br>Wheels, round groove diameter 16 with 1 bearing<br>Roues avec 1 roulement et gorge à O d.16<br>Bodenlaufrolle - Durchm. 16 mit 1 Lager | 36 | 60 | 40 | 20 | 33 | U ø 16 | 270 | 12X50 | 10 |
| | 37 | 80 | 40 | 20 | 33 | U ø 16 | 450 | 14x60 | 6 |
| | 128/16 | 90 | 40 | 20 | 33 | U ø 16 | 450 | 14x60 | 4 |
| | 38 | 100 | 40 | 20 | 33 | U ø 16 | 450 | 14x60 | 4 |
| | 39 | 120 | 40 | 20 | 33 | U ø 16 | 450 | 14x60 | 4 |
| Ruote gola diametro 20 ad 1 cuscinetto<br>Wheels, round groove diameter 20 with 1 bearing<br>Roues avec 1 roulement et gorge à O d.20<br>Bodenlaufrolle - Durchm. 20 mit 1 Lager | 128 | 90 | 40 | 24 | 33 | U ø 20 | 450 | 14x60 | 4 |
| | 61 | 100 | 40 | 24 | 33 | U ø 20 | 450 | 14x60 | 4 |
| | 63 | 120 | 40 | 24 | 33 | U ø 20 | 450 | 14x60 | 4 |
| | 65 | 140 | 40 | 24 | 33 | U ø 20 | 650 | 14x60 | 4 |
| Ruote gola diametro 20 a 2 cuscinetti<br>Fornite di rondelle supplementari<br>di spessoramento<br>Wheels, round groove diameter 20 with 2 bearings<br>With additional washers<br>Roues avec gorge à O d.20 et 2 roulements<br>fourni avec rondelles supplementairesBodenlaufrolle<br>Durchm. 20 mit 2 Lager -<br>mit zusätzlichen Dickescheibe | 92 | 100 | 40-50 | 30 | 33-43 | U ø 20 | 900 | 14x70 | 6 |
| | 96 | 120 | 50-60 | 30 | 43-53 | U ø 20 | 900 | 14x70 | 4 |
| | 96/80 | 120 | 80 | 30 | 73 | U ø 20 | 900 | 14x90 | 2 |
| | 98 | 140 | 50-60 | 30 | 43-53 | U ø 20 | 1300 | 16x70 | 2 |
| | 98/80 | 140 | 80 | 30 | 73 | U ø 20 | 1300 | 16x100 | 2 |
| | 100 | 160 | 50-60 | 30 | 43-53 | U ø 20 | 1300 | 16x70 | 2 |
| | 100/80 | 160 | 80 | 30 | 73 | U ø 20 | 1300 | 16x100 | 2 |
| | 102 | 180 | 50-60 | 32 | 43-53 | U ø 20 | 1300 | 20x70 | 2 |
| | 102/80 | 180 | 80 | 32 | 73 | U ø 20 | 1300 | 20x100 | 2 |
| | 104 | 200 | 80-100 | 34 | 93 | U ø 20 | 1300 | 24x110 | 2 |

# Ruote con supporto a scatto

Wheels with spring support
Roues avec support de pression
Rollen mit Schnappstütze









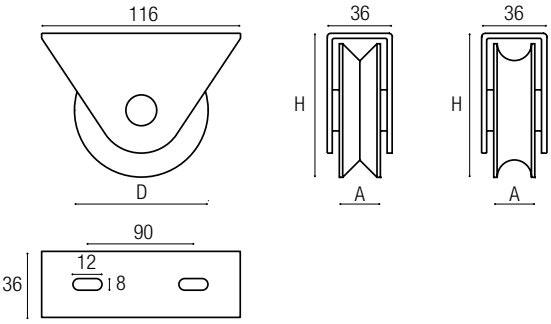



| | Cod. | D | A | B | E | H | Gola<br>Groove<br>Gorge<br>Bodenlaufrolle | Portata Kg<br>Capacity<br>Capacité<br>Ladefähigkeit | |
|---|---|---|---|---|---|---|---|---|---|
| Ruote a V ad 1 cuscinetto<br>V wheels with 1 bearing<br>Roues, gorge à V, avec 1 roulement<br>Bodenlaufrolle V profile - 1 Lager | 71 | 80 | 20 | 30 | 18 | 51 | V | 450 | 10 |
| | 73/90 | 90 | 20 | 30 | 13 | 66 | V | 450 | 6 |
| | 73 | 100 | 20 | 30 | 18 | 71 | V | 450 | 6 |
| | 75 | 120 | 20 | 30 | 18 | 92 | V | 450 | 4 |
| | 77 | 140 | 20 | 30 | 18 | 111 | V | 650 | 4 |
| | 79 | 160 | 23 | 38 | 20 | 126 | V | 650 | 2 |
| Ruote gola diametro 16 ad 1 cuscinetto<br>Wheels, round groove diameter 16 with 1 bearing<br>Roues à roulements, gorge à O d.16<br>Bodenlaufrolle Durchm. 16 - 1 Lager | 57 | 80 | 20 | 30 | 17 | 51 | U ø 16 | 450 | 10 |
| | 58/90 | 90 | 20 | 30 | 12 | 66 | U ø 16 | 450 | 6 |
| | 58 | 100 | 20 | 30 | 17 | 71 | U ø 16 | 450 | 6 |
| | 59 | 120 | 20 | 30 | 17 | 92 | U ø 16 | 450 | 4 |
| Ruote gola diametro 20 ad 1 cuscinetto<br>Wheels, round groove diameter 20 with 1 bearing<br>Roues à roulements, gorge à O d.20<br>Bodenlaufrolle Durchm. 20 - 1 Lager | 72/90 | 90 | 24 | 32 | 8 | 66 | U ø 20 | 450 | 6 |
| | 72 | 100 | 24 | 32 | 13 | 71 | U ø 20 | 450 | 6 |
| | 74 | 120 | 24 | 32 | 13 | 92 | U ø 20 | 450 | 4 |
| | 76 | 140 | 24 | 32 | 15 | 111 | U ø 20 | 650 | 4 |
| | 78 | 160 | 24 | 38 | 20 | 126 | U ø 20 | 650 | 2 |

# Ruote con supporto esterno

Wheels with external support
Roues avec support extérieur
Rollen mit Außenhalter



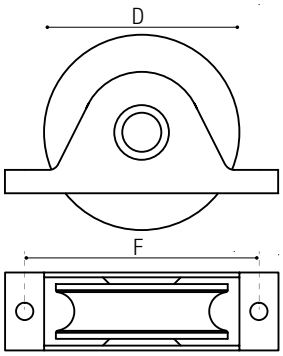


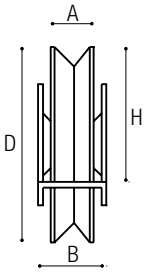

| | Cod. | D | A | H | Gola<br>Groove<br>Gorge<br>Bodenlaufrolle | Portata Kg<br>Capacity<br>Capacité<br>Ladefähigkeit | |
|---|---|---|---|---|---|---|---|
| Ruote a V ad 1 cuscinetto<br>V wheels with 1 bearing<br>Roues gorge à V avec a roulement<br>Bodenlaufrolle V profile - 1 Lager | 124/80 | 80 | 20 | 96 | V | 450 | 6 |
| | 124/100 | 100 | 20 | 107 | V | 450 | 6 |
| Ruote gola diametro 16 ad 1 cuscinetto<br>Wheels, round groove diameter 16 with 1 bearing<br>Roues à roulements, gorge O d.16<br>Bodenlaufrolle Durchm. 16 - 1 Lager | 125/80 | 80 | 20 | 96 | U ø 16 | 450 | 6 |
| | 125/100 | 100 | 20 | 107 | U ø 16 | 450 | 6 |
| Ruote gola diametro 20 ad 1 cuscinetto<br>Wheels, round groove diameter 20 with 1 bearing<br>Roues à roulements, gorge O d.20<br>Bodenlaufrolle Durchm. 20 - 1 Lager | 122/80 | 80 | 24 | 96 | U ø 20 | 450 | 6 |
| | 122/100 | 100 | 24 | 107 | U ø 20 | 450 | 6 |

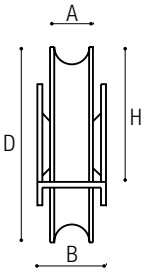
# Ruote con supporto interno

Wheels with internal support bracket
Roues avec support interne
Rollen mit Innenhalter






| | Cod. | D | A | B | F fori<br>Holes<br>Trous<br>Bohrungen | H | Gola<br>Groove<br>Gorge<br>Bodenlaufrolle | Portata Kg<br>Capacity<br>Capacité<br>Ladefähigkeit | |
|---|---|---|---|---|---|---|---|---|---|
| Ruote a V ad 1 cuscinetto<br>V wheels with 1 bearing<br>Roues, gorge à V, avec 1 roulement<br>Bodenlaufrolle V profile - 1 Lager | 107 | 80 | 20 | 33 | 120 | 60 | V | 450 | 6 |
| | 105 | 90 | 20 | 33 | 120 | 66 | V | 450 | 6 |
| | 129 | 100 | 20 | 33 | 120 | 73 | V | 450 | 6 |
| | 130 | 120 | 20 | 33 | 164 | 94 | V | 450 | 4 |
| Ruote a V ad 2 cuscinetti<br>V wheels with 2 bearings<br>Roues, gorge à V, avec 2 roulements<br>Bodenlaufrolle V profile - 2 Lager | 82A | 100 | 30 | 43 | 120 | 73 | V | 900 | 6 |
| | 84A | 120 | 30 | 43 | 164 | 94 | V | 900 | 4 |
| | 86A | 140 | 30 | 43 | 164 | 113 | V | 900 | 2 |
| | 88A | 160 | 30 | 43 | 194 | 129 | V | 1300 | 2 |
| Ruote gola diametro 16 ad 1 cuscinetto<br>Wheels, round groove diameter 16 with 1 bearing<br>Roues, gorge à O d.16, avec 1 roulement<br>Bodenlaufrolle Durchm. 16 - 1 Lager | 108/16 | 80 | 20 | 33 | 120 | 60 | U ø 16 | 450 | 6 |
| | 106/16 | 90 | 20 | 33 | 120 | 66 | U ø 16 | 450 | 6 |
| | 131/16 | 100 | 20 | 33 | 120 | 73 | U ø 16 | 450 | 6 |
| | 132/16 | 120 | 20 | 33 | 164 | 94 | U ø 16 | 450 | 4 |
| Ruote gola diametro 20 ad 1 cuscinetto<br>Wheels, round groove diameter 20 with 1 bearing<br>Roues, gorge à O d.20, avec 2 roulements<br>Bodenlaufrolle Durchm. 20 - 1 Lager | 106 | 90 | 24 | 33 | 120 | 66 | U ø 20 | 450 | 6 |
| | 131 | 100 | 24 | 33 | 120 | 73 | U ø 20 | 450 | 6 |
| | 132 | 120 | 24 | 33 | 164 | 94 | U ø 20 | 450 | 4 |
| Ruote gola diametro 20 a 2 cuscinetti<br>Wheels, round groove diameter 20 with 2 bearings<br>Roues, gorge à O d.20, avec 2 roulement<br>Bodenlaufrolle Durchm. 20 - 2 Lager | 83A | 100 | 30 | 43 | 120 | 73 | U ø 20 | 900 | 6 |
| | 85A | 120 | 30 | 43 | 164 | 94 | U ø 20 | 900 | 4 |
| | 87A | 140 | 30 | 43 | 164 | 113 | U ø 20 | 900 | 2 |
| | 89A | 160 | 30 | 43 | 194 | 129 | U ø 20 | 1300 | 2 |

# Ruotine per uso industriale o per la centinatura di autocarri

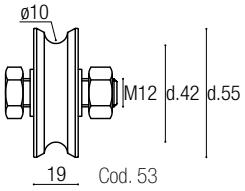
Wheels for industrial use or for coverings of trucks
Roues pour usage industriel ou pour les toits de camions
Laufrolle für industrielle Anwendung oder die
Gerüstkonstruktion von Lastkraftwagen



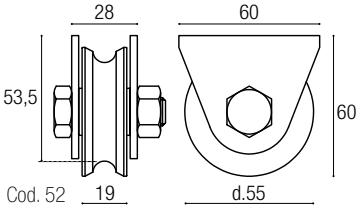
Cod. 52



Cod. 53




Cod. 53



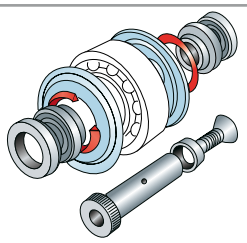

Cod. 52

| Cod. | Gola<br>Groove<br>Gorge<br>Bodenlaufrolle | Portata Kg<br>Capacity<br>Capacité<br>Ladefähigkeit | |
|---|---|---|---|
| 52 | U ø 10 | 200 | 12 |
| 53 | U ø 10 | 200 | 12 |

# Ruote con perno ingrassatore

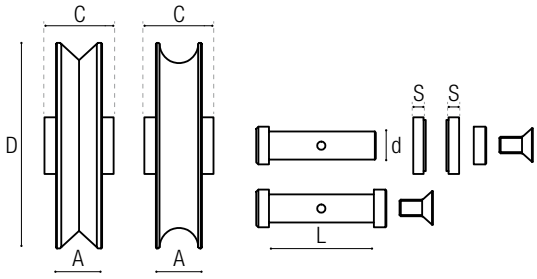
Wheels with lubricating pin
Roues avec pivot graisseur
Rollen mit Schmiernippel












- Con perno ingrassatore
  With lubricating pin
  Avec axes grasseur
  mit Schmiernippel

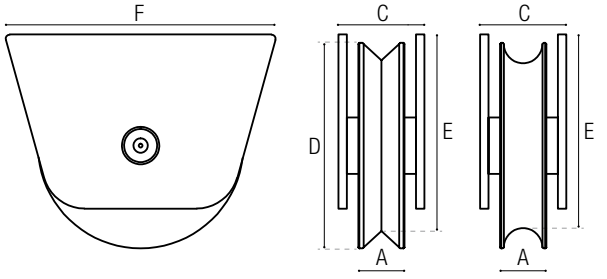
| | Cod. | D | A | C | Tubo<br>Tube<br>Tuyau<br>Rohr | L | d | S | Gola<br>Groove<br>Gorge<br>Bodenlaufrolle | Portata Kg<br>Capacity<br>Capacité<br>Ladefähigkeit | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Ruote a V ad 1 cuscinetto<br>V wheels with 1 bearing<br>Roues, gorge à V, avec 1 roulement<br>Bodenlaufrolle V profile - 1 Lager | 110 | 65 | 20 | 33 | 40 | 40 | 12 | - | V | 450 | 12 |
| | 111 | 80 | 20 | 33 | 40-50 | 50 | 14 | 5 | V | 600 | 8 |
| | 112 | 100 | 22 | 33 | 40-50 | 50 | 14 | 5 | V | 600 | 6 |
| | 113 | 120 | 24 | 33 | 40-50 | 50 | 16 | 5 | V | 700 | 4 |
| | 114 | 150 | 28 | 43 | 50-60 | 60 | 20 | 5 | V | 1400 | 2 |
| | 115 | 180 | 28 | 43 | 50-60 | 60 | 20 | 5 | V | 1400 | 2 |
| Ruote gola diametro 16 ad 1 cuscinetto<br>Wheels, round groove diameter 16 with 1 bearing<br>Roues, gorge à O d.16, avec 1 roulement<br>Bodenlaufrolle Durchm. 16 - 1 Lager | 110T | 65 | 20 | 33 | 40 | 40 | 12 | - | U ø 16 | 450 | 12 |
| | 111T | 80 | 20 | 33 | 40-50 | 50 | 14 | 5 | U ø 16 | 600 | 8 |
| | 112T | 100 | 22 | 33 | 40-50 | 50 | 14 | 5 | U ø 16 | 600 | 6 |
| Ruote diametro 20 ad 1 cuscinetto<br>Wheel, round groove diameter 20 with 1 bearing<br>Roues d.20 avec 1 roulement<br>Bodenlaufrolle Durchm. 20 - 1 Lager | 113T | 120 | 24 | 33 | 40-50 | 50 | 16 | 5 | U ø 20 | 700 | 4 |
| | 114T | 150 | 28 | 43 | 50-60 | 60 | 20 | 5 | U ø 20 | 1400 | 2 |
| | 115T | 180 | 28 | 43 | 50-60 | 60 | 20 | 5 | U ø 20 | 1400 | 2 |

# Ruote con piastre esterne e perno ingrassatore

Wheels with external supports and lubricating pin
Roues avec support externe et axes graisseur
Rollen mit Außenplatten und Schmiernippel








- Con perno ingrassatore
  With lubricating pin
  Avec axes grasseur
  mit Schmiernippel

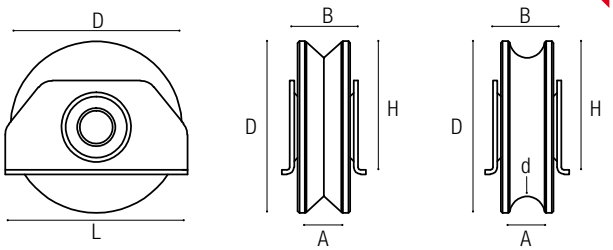
| Cod. | D | A | C | Tubo<br>Tube<br>Tuyau<br>Rohr | E | F | Gola<br>Groove<br>Gorge<br>Bodenlaufrolle | Portata Kg<br>Capacity<br>Capacité<br>Ladefähigkeit | |
|---|---|---|---|---|---|---|---|---|---|
| 140 | 65 | 20 | 33 | 40 | 62 | 85 | V | 200 | 6 |
| 141 | 80 | 20 | 33 | 40 | 75 | 100 | V | 400 | 6 |
| 150 | 65 | 20 | 33 | 40 | 60 | 85 | U ø 16 | 200 | 6 |
| 151 | 80 | 20 | 33 | 40 | 72 | 100 | U ø 16 | 400 | 6 |
| 142 | 100 | 22 | 43 | 50 | 92 | 128 | V | 400 | 6 |
| 143 | 120 | 24 | 43 | 50 | 116 | 150 | V | 500 | 2 |
| 152 | 100 | 22 | 43 | 50 | 90 | 128 | U ø 16 | 400 | 6 |
| 153 | 120 | 24 | 43 | 50 | 114 | 150 | U ø 20 | 500 | 2 |
| 144 | 150 | 28 | 53 | 60 | 145 | 185 | V | 800 | 2 |
| 145 | 180 | 28 | 53 | 60 | 175 | 220 | V | 800 | 2 |
| 154 | 150 | 28 | 53 | 60 | 142 | 185 | U ø 20 | 800 | 2 |
| 155 | 180 | 28 | 53 | 60 | 172 | 220 | U ø 20 | 800 | 2 |

# Ruote con fiancate a saldare

Wheels with welding plates
Roues avec côtés à souder
Rollen mit Seiten zum Schweißen

NOVITÀ NEW NOUVEAU NEUHEIT

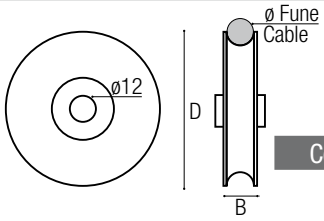





| | Cod. | D | A | B | L | H | Gola<br>Groove<br>Gorge<br>Bodenlaufrolle | Portata Kg<br>Capacity<br>Capacité<br>Ladefähigkeit | |
|---|---|---|---|---|---|---|---|---|---|
| Ruote a V ad 1 cuscinetto<br>V wheels with 1 bearing<br>Roues, gorge à V, avec 1 roulement<br>Bodenlaufrolle V profile - 1 Lager | 117/80 | 80 | 20 | 33 | 100 | 66 | V | 450 | 6 |
| | 117/90 | 90 | 20 | 33 | 100 | 71 | V | 450 | 6 |
| | 117/100 | 100 | 20 | 33 | 100 | 76 | V | 450 | 4 |
| | 117/120 | 120 | 20 | 33 | 124 | 96 | V | 450 | 2 |
| Ruote a V ad 2 cuscinetti<br>V wheels with 2 bearings<br>Roues, gorge à V, avec 2 roulements<br>Bodenlaufrolle V profile - 2 Lager | 118/100 | 100 | 30 | 43 | 100 | 76 | V | 900 | 4 |
| | 118/120 | 120 | 30 | 43 | 120 | 96 | V | 900 | 2 |
| | 118/140 | 140 | 30 | 43 | 120 | 106 | V | 900 | 2 |
| Ruote gola diametro 16 ad 1 cuscinetto<br>Wheels, round groove diameter 16 with 1 bearing<br>Roues, gorge à O d.16, avec 1 roulement<br>Bodenlaufrolle Durchm. 16 - 1 Lager | 119/80 | 80 | 20 | 33 | 100 | 66 | U ø 16 | 450 | 6 |
| | 119/90 | 90 | 20 | 33 | 100 | 71 | U ø 16 | 450 | 6 |
| | 119/100 | 100 | 20 | 33 | 100 | 76 | U ø 16 | 450 | 4 |
| Ruote gola diametro 20 ad 1 cuscinetto<br>Wheels, round groove diameter 20 with 1 bearing<br>Roues, gorge à O d.20, avec 1 roulements<br>Bodenlaufrolle Durchm. 20 - 1 Lager | 120/90 | 90 | 24 | 33 | 100 | 71 | U ø 20 | 450 | 6 |
| | 120/100 | 100 | 24 | 33 | 100 | 76 | U ø 20 | 450 | 4 |
| | 120/120 | 120 | 24 | 33 | 120 | 96 | U ø 20 | 450 | 2 |
| Ruote gola diametro 20 a 2 cuscinetti<br>Wheels, round groove diameter 20 with 2 bearings<br>Roues, gorge à O d.20, avec 2 roulement<br>Bodenlaufrolle Durchm. 20 - 2 Lager | 121/120 | 120 | 30 | 43 | 100 | 76 | U ø 20 | 900 | 4 |
| | 121/140 | 140 | 30 | 43 | 120 | 96 | U ø 20 | 900 | 2 |

# Ruote per porte basculanti

Wheels for overhead doors
Roues pour portes basculantes
Rollen für Schwenktore




- Con boccole D. 12
  With bushes D.12
  Aver douille d. 12
  Mit Hülsen D. 12



- In acciaio
  In steel
  En acier
  aus Stahl

| | Cod. | D | B | Gola<br>Groove<br>Gorge<br>Bodenlaufrolle | ø Fune | |
|---|---|---|---|---|---|---|
| Ruote gola diametro 6<br>Wheels, round grove diameter 6<br>Roues gorge diamétre 6<br>Bodenlaufrolle Durchm. 6 | 606/6 | 60 | 15 | U ø 6 | 6 | 10 |
| | 608/6 | 80 | 15 | U ø 6 | 6 | 10 |
| | 609/6 | 90 | 15 | U ø 6 | 6 | 10 |
| | 610/6 | 100 | 15 | U ø 6 | 6 | 6 |
| | 612/6 | 120 | 17 | U ø 6 | 6 | 4 |
| Ruote gola diametro 8<br>Wheels, round grove diameter 8<br>Roues gorge diamétre 8<br>Bodenlaufrolle Durchm. 8 | 606/8 | 60 | 15 | U ø 8 | 8 | 10 |
| | 608/8 | 80 | 15 | U ø 8 | 8 | 10 |
| | 609/8 | 90 | 15 | U ø 8 | 8 | 10 |
| | 610/8 | 100 | 15 | U ø 8 | 8 | 6 |
| | 612/8 | 120 | 17 | U ø 8 | 8 | 4 |

NOVITÀ NEW NOUVEAU NEUHEIT



- In nylon
  In nylon
  En nylon
  aus Nylon

| | Cod. | D | B | Gola<br>Groove<br>Gorge<br>Bodenlaufrolle | ø Fune | |
|---|---|---|---|---|---|---|
| Ruote in nylon diametro 6<br>Nylon wheels, round grove diameter 6<br>Roues en nylon diamétre 6<br>Bodenlaufrolle Durchm. 6 | 606/N | 60 | 15 | U ø 6 | 6 | 10 |
| | 608/N | 80 | 15 | U ø 6 | 6 | 10 |
| | 610/N | 100 | 15 | U ø 6 | 6 | 10 |
| | 612N | 120 | 15 | U ø 6 | 6 | 10 |

# GUIDE PER CANCELLI SCORREVOLI

SLIDING GATE TRACKS
RAILS POUR PORTAILS COULISSANTS
FÜHRUNGEN FÜR SCHIEBETORE

## Guida a cementare e giunto di collegamento

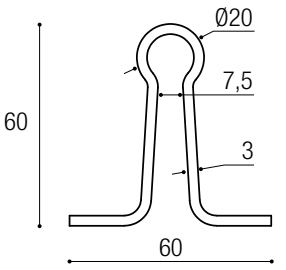
Track to be cemented and connection joint
Rail à sceller au sol et pivot de jonction
Führungsrolle zum Zementieren und Anschlusskupplung

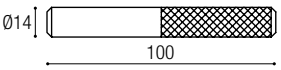




Cod. 820G

Cod. 820




| Cod. | L m |
|---|---|
| 820/3 | 3 |
| 820/6 | 6 |

| Cod. | |
|---|---|
| 820G | 10 |

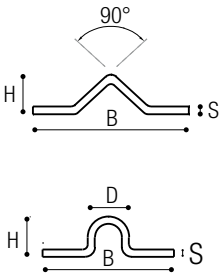
## Guide forate a fissare

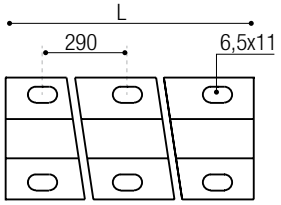
Tracks to be fixed
Rails percés à visser
Führungsrolle zum Fixieren



Cod. 701

Cod. 716
Cod.720




| Cod. | B | H | D | S mm | L m |
|---|---|---|---|---|---|
| 701/Z3F | 59 | 15 | V | 3 | 3 |
| 716/Z3F | 53 | 16 | U ø 16 | 3 | 3 |
| 720/Z3F | 55 | 16 | U ø 20 | 3 | 3 |

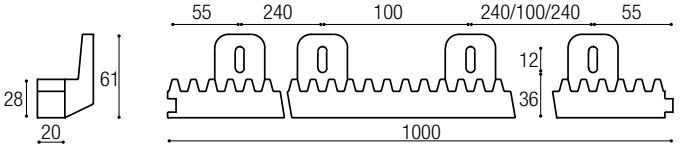
# CREMAGLIERE

RACKS
CREMAILLERES
ZAHNSTANGEN

## Cremagliera in nylon con 6 attacchi - mod. 4

Nylon rack module 4 with 6 sockets for fixing - mod. 4
Cremaillere en nylon avec 6 attaques - mod. 4
Nylonzahnstangen mit 6 Halterungen - Mod. 4






| Cod. | |
|---|---|
| 735 | 10 |

# Cremagliere in acciaio 30x12 - mod. 4

Steel racks 30x12 - mod. 4
Cremailleres en acier 30x12 - mod. 4
Stahlzahnstangen 30x12 - Mod. 4

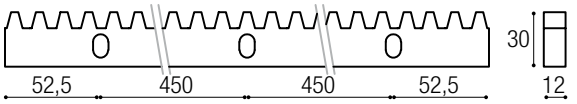


Cod. 730

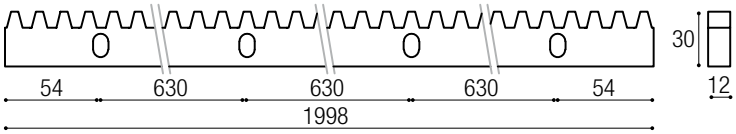


Cod. 730F

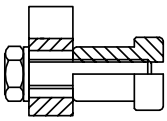
Cod. 730/1



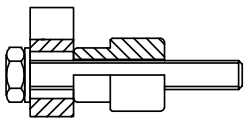

Cod. 730/2




| Cod. | | L m | |
|---|---|---|---|
| 730/1 | A saldare To be welded - A souder - Zum Schweissen | 1 | 4 |
| 730/2 | A saldare To be welded - A souder - Zum Schweissen | 2 | 4 |
| 730F/1 | A fissare To be fixing - A visser - Zum Fixieren | 1 | 4 |
| 730F/2 | A fissare To be fixing - A visser - Zum Fixieren | 2 | 4 |



Cod. 730-P



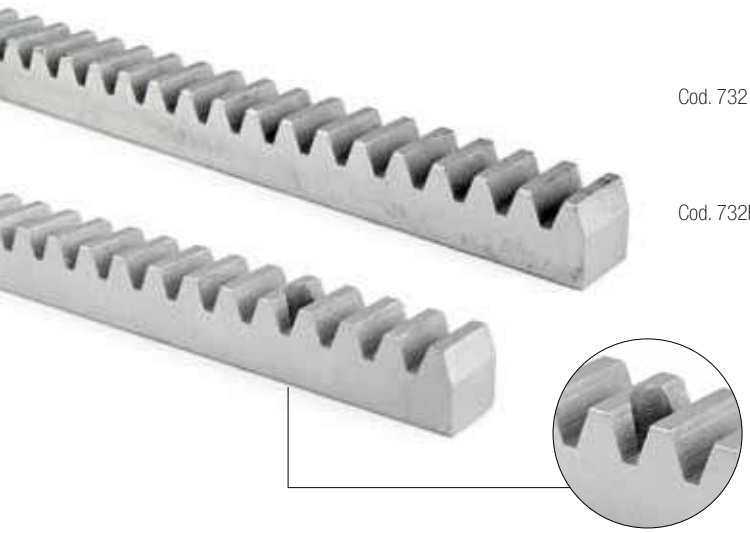
Cod. 730F-P

| Cod. | | |
|---|---|---|
| 730-P | A saldare To be welded - A souder - Zum Schweissen | 20 |
| 730F-P | A fissare To be fixing - A visser - Zum Fixieren | 20 |

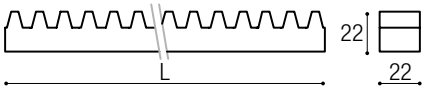
# Cremagliera in acciaio 22x22 - mod. 4

NOVITÀ NEW NOUVEAU NEUHEIT

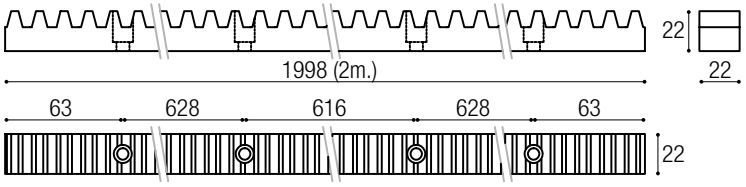
Steel racks 22x22 - mod. 4
Cremaillere en acier 22x22 - mod. 4
Stahlzahnstangen 22x22 - Mod. 4



Cod. 732




Cod. 732F



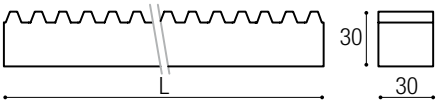

| Cod. | | L m | |
|---|---|---|---|
| 732/1 | A saldare To be welded - A souder - Zum Schweissen | 1 | 4 |
| 732/2 | A saldare To be welded - A souder - Zum Schweissen | 2 | 2 |
| 732F/2 | A fissare To be fixing - A visser - Zum Fixieren | 2 | 2 |

# Cremagliera in acciaio 30x30 - mod. 6

NOVITÀ NEW NOUVEAU NEUHEIT

Steel racks 30x30 - mod. 6
Cremaillere en acier 30x30 - mod. 6
Stahlzahnstangen 30x30 - Mod. 6






| Cod. | | L m | |
|---|---|---|---|
| 733/1 | A saldare To be welded - A souder - Zum Schweissen | 1 | 4 |
| 733/2 | A saldare To be welded - A souder - Zum Schweissen | 2 | 2 |

# BATTENTI DI FINE CORSA

LIMIT STOPS
BATTANTS DE FIN COURSE
ENDTÜRFLÜGEL

## Battenti fine corsa a saldare

Limit stops to be welded
Battants de fin course à souder
Endtürflügel zum Schweissen



Cod. 172

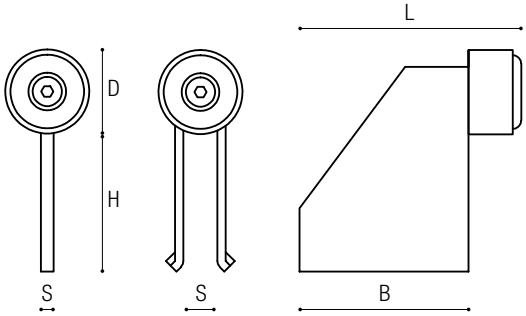


Cod. 173



Cod. 374 Cod. 364

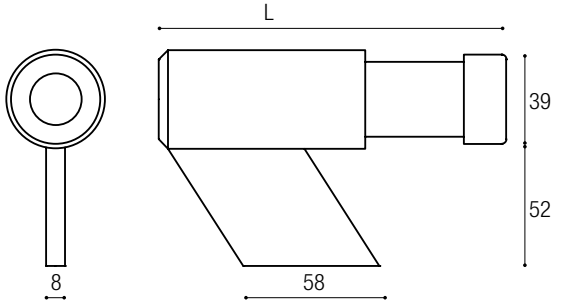





| Cod. | S | B | L | D | H | |
|---|---|---|---|---|---|---|
| 172 | 6 | 80 | 96 | 40 | 87 | 8 |
| 173 | 18 | 110 | 148 | 40 | 72 | 6 |
| 364 | 21 | 60 | 82 | 38 | 55 | 10 |
| 374 | 21 | 75 | 101 | 48 | 70 | 6 |



Cod. 372




- Battente ammortizzato con molla
  Limit stop with spring
  Battant amorti avec ressort
  Gedämpften Federflügel

| Cod. | L | |
|---|---|---|
| 372 | 120-150 | 4 |

# Battenti fine corsa a fissare

Limit stops to be fixed
Battants de fin course à visser
Endtürfügel zum Fixieren



Cod. 272



Cod. 272R

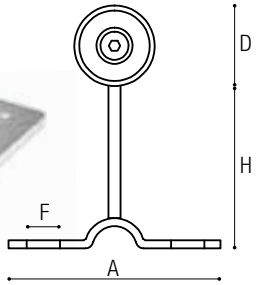


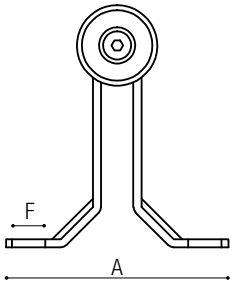
Cod. 273

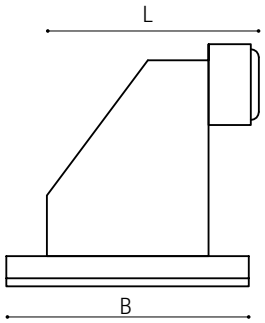


Cod. 464

Cod. 474



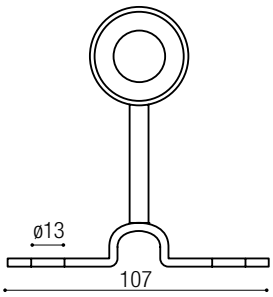



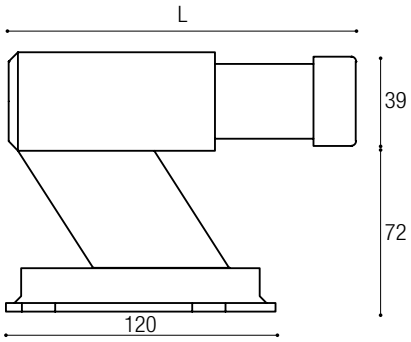




| Cod. | A | B | L | D | H | F | |
|---|---|---|---|---|---|---|---|
| 272 | 107 | 120 | 96 | 40x40 | 108 | 13 | 6 |
| 272R | 107 | 120 | 95 | 40x40 | 72 | 13 | 8 |
| 273 | 112 | 110 | 148 | 40 | 85 | 11 | 6 |
| 464 | 95 | 80 | 89 | 38 | 55 | 9 | 6 |
| 474 | 112 | 95 | 107 | 48 | 67 | 11 | 4 |



Cod. 472




- Battente ammortizzato con molla
  Limit stop with spring
  Battant amorti avec ressort
  Gedämpften Federflügel

| Cod. | L | |
|---|---|---|
| 472 | 120-150 | 4 |

# RULLI DI GUIDA

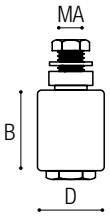
GUIDE ROLLERS
PLOTS DE GUIDAGE
FÜHRUNGSWALZEN

## Rulli in nylon con bullone di fissaggio

White roller with bolt
Plots en nylon avec boulon de fixation
Weisse Walzen mit Bolzen



Cod.163 Cod.164 Cod.164N Cod.165




| Cod. | D | B | C | MA | |
|---|---|---|---|---|---|
| 163 | 35 | 30 | 36 | 10 | 36 |
| 164 | 42 | 48 | 60 | 14 | 12 |
| 164N | 42 | 48 | 60 | 14 | 12 |
| 165 | 52 | 48 | 64 | 16 | 12 |

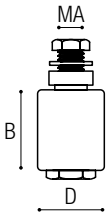
## Rullo in gomma nera con bullone di fissaggio

Rubber roller with bolt
Plots en gomme noir avec boulon de fixation
Schwarze Gummiwalze mit Befestigungsschraube





NOVITÀ NEW NOUVEAU NEUHEIT




| Cod. | D | B | MA | |
|---|---|---|---|---|
| 158 | 37 | 38 | 10 | 24 |

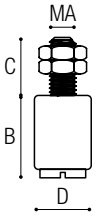
## Rulli in gomma nera con perno di fissaggio

Rubber rollers with pin
Plots en gomme noir avec pivot de fixation
Schwarze Gummiwalze mit Befestigungsbuchse





NOVITÀ NEW NOUVEAU NEUHEIT



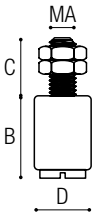

| Cod. | D | B | C | MA | |
|---|---|---|---|---|---|
| 260/34 | 34 | 40 | 40 | 14 | 24 |
| 260/44 | 44 | 56 | 40 | 20 | 12 |

## Rulli con perno di fissaggio

Roller with pin
Plots avec pivot de fixation
Weisse Walzen mit Zapfen



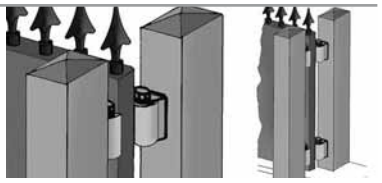
Cod.162 Cod.263 Cod.263G Cod.264 Cod.264G Cod.166



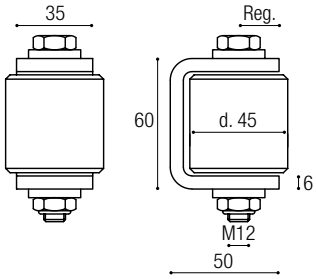

| Cod. | D | B | C | MA | |
|---|---|---|---|---|---|
| 162/12 | 25 | 40 | 40 | 12 | 24 |
| 162 | 25 | 33 | 30 | 14 | 24 |
| 263 | 30 | 40 | 35 | 14 | 24 |
| 263G | 30 | 40 | 35 | 14 | 12 |
| 264 | 40 | 60 | 40 | 16 | 12 |
| 264 G | 40 | 60 | 40 | 16 | 12 |
| 166 | 52 | 48 | 48 | 20 | 12 |

## Rullo regolabile in nylon con supporto per guida laterale

Roller with support for lateral guide
Plot en nylon réglable avec support de guidage latéral
Roller mit Unterstützung für seitliche Führung



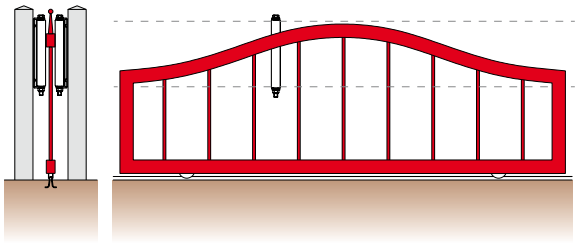





| Cod. | |
|---|---|
| 232 | 6 |

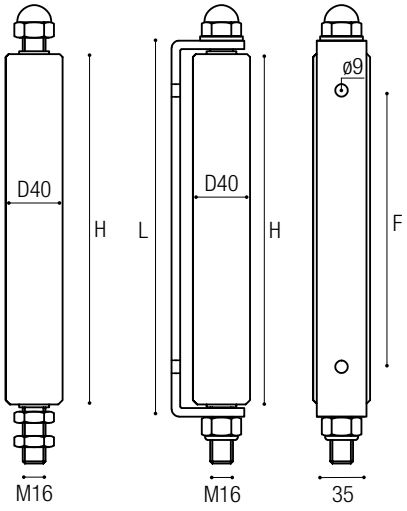
## Rulli lunghi di guida in nylon

White nylon guide roller
Plots de guidage longs en nylon
Führungswalzen aus weißem Nylon








| Cod. | H | |
|---|---|---|
| 230/150 | 150 | 8 |
| 230/250 | 250 | 6 |
| 230/400 | 400 | 4 |

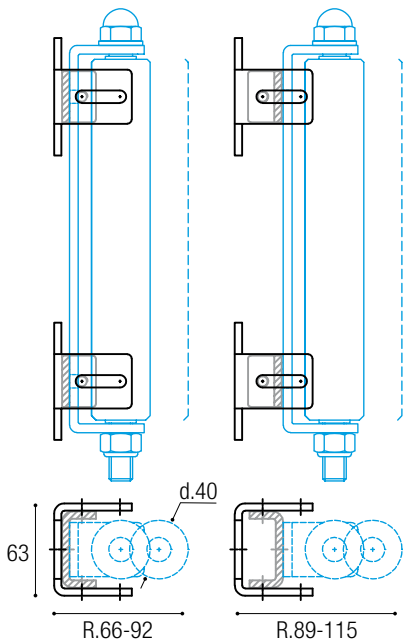
| Cod. | L | H | F | |
|---|---|---|---|---|
| 231/150 | 165 | 150 | 95 | 6 |
| 231/250 | 265 | 250 | 195 | 4 |
| 231/400 | 415 | 400 | 345 | 4 |

## Coppia di supporti regolabili per rulli lunghi con staffa

NOVITÀ NEW NOUVEAU NEUHEIT

Adjustable support couple for long rollers with bracket
Couple de supports réglables pour plots longs avec support
Paar verstellbare Stützen für lange Rollen mit Bügel





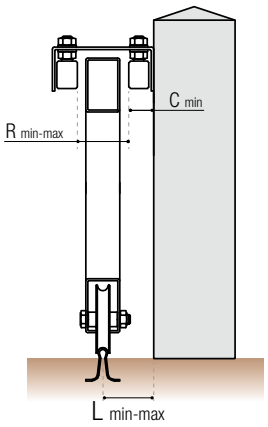

| Cod. | |
|---|---|
| 231SR | 4 (x2) |

# PIASTRE DI GUIDA

GUIDE PLATES
PLAQUES DE GUIDAGE
FÜHRUNGSPLATTE

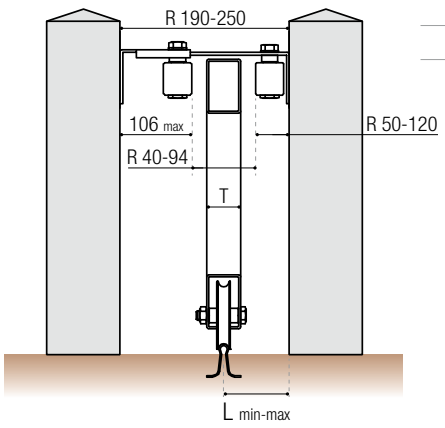
## Scelta delle piastre di guida

How to choose a guide plate
Choix de plaques de guidage
Wahl des Führungselements



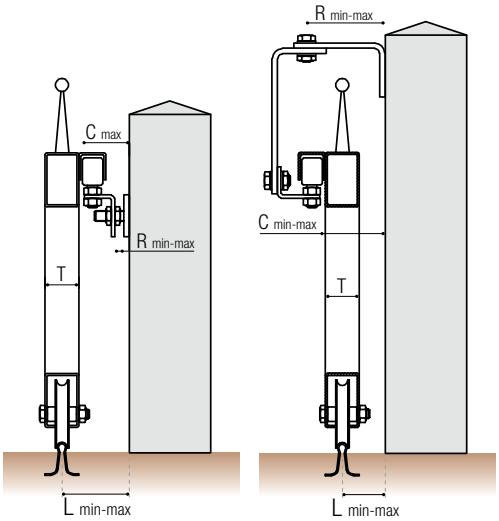

- Piastre per cancelli con colonna singola
  Guide plates for gates with one column
  Plaques pour portails à colonne unique
  Platte für Tore mit Einzelkolonne

| Cod. | Pag. cat. | R min-max | C min | L min-max T40 | T50 | T60 | T80 | T100 |
|---|---|---|---|---|---|---|---|---|
| 261 | 25 | 40-50 | 42 | 65-75 | 70 | - | - | - |
| 361 | 25 | 40-50 | 42 | 65-75 | 70 | - | - | - |
| 168 | 25 | 40-100 | 55 | 75-135 | 80-130 | 85-125 | 95-115 | 105 |
| 266 | 25 | 0-75 | 38 | 57-93 | 62-88 | 67-83 | - | - |
| 366 | 25 | 0-95 | 48 | 67-123 | 72-118 | 77-113 | 72-108 | - |
| 265 | 25 | 0-75 | 38 | 57-93 | 62-88 | 67-83 | - | - |
| 365 | 25 | 0-95 | 48 | 67-123 | 72-118 | 77-113 | 72-108 | - |
| 257P | 25 | 0-75 | 38 | 58-92 | 63-87 | 73-77 | - | - |
| 257 | 25 | 0-100 | 40 | 65-125 | 70-120 | 75-115 | 85-105 | 95 |
| 258 | 25 | 0-100 | 50 | 70-130 | 75-125 | 80-120 | 90-110 | 100 |
| 267 | 26 | 0-75 | 38 | 57-93 | 62-88 | 67-83 | - | - |
| 268 | 26 | 0-95 | 48 | 67-123 | 72-118 | 77-113 | 72-108 | - |
| 2650 | 26 | 0-75 | 38 | 57-93 | 62-88 | 67-83 | - | - |
| 3650 | 26 | 0-95 | 48 | 67-123 | 72-118 | 77-113 | 72-108 | - |
| 363 | 27 | 40-60 | 40 | 60-75 | 65-80 | 70-85 | - | - |
| 367 | 27 | 60-100 | 50 | - | - | 85-160 | 90-150 | 100-140 |
| 371 | 27 | 40-60 | 40 | 60-75 | 65-80 | 70-85 | - | - |
| 373 | 27 | 60-100 | 50 | - | - | 85-160 | 90-150 | 100-140 |
| 167 | 27 | 40-50 | 40 | 60-75 | 65-80 | - | - | - |




- Piastre per cancelli con doppia colonna
  Guide plates for gates with double column
  Plaques pour portails à double colonne
  Platte für Tore mit Doppelkolonne

| Cod. | Pag. cat. | R min-max | C min | L min-max T40 | T50 | T60 | T80 |
|---|---|---|---|---|---|---|---|
| 362 | 26 | 40-95 | 50 | 70-120 | 75-115 | 80-110 | 90-100 |




- Piastre per cancelli con punte
  Guide plates for gates with spears
  Plaques pour portails à pointes
  Platte für Tore mit Spitze

| Cod. | Pag. cat. | R min-max | C min | L min-max T40 | T50 | T60 | T80 |
|---|---|---|---|---|---|---|---|
| 369/30 | 28 | 65-100 | 65 | 85-120 | 90-125 | 95-130 | 105-140 |
| 369/42 | 28 | 70-105 | 70 | 90-125 | 95-130 | 100-135 | 110-145 |
| 369/C | 28 | 67-102 | 67 | 87-122 | 92-127 | 97-132 | 107-142 |
| 370/25 | 28 | 70-100 | 80 | 90-120 | 95-125 | 100-130 | 110-140 |
| 370/30 | 28 | 90-120 | 120 | 110-140 | 115-145 | 120-150 | 130-160 |

| Cod. | Pag. cat. | R min-max | C min | L min-max T40 | T50 | T60 | T80 |
|---|---|---|---|---|---|---|---|
| 169 | 28 | 175-210 | 145 | 65-125 | 60-120 | 55-115 | 45-105 |
| 269 | 28 | 135-165 | 100 | 50-80 | 45-75 | 40-70 | 30-60 |

# Piastre di guida a saldare

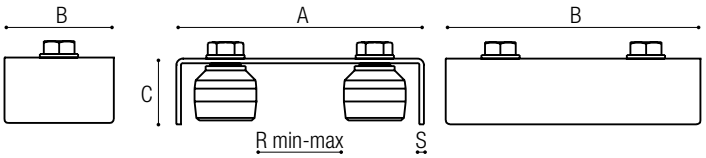
Guide plates to be welded
Plaques de guidage à souder
Führungsplatte zum Schweissen



Cod. 361
Cod. 168



Cod. 261

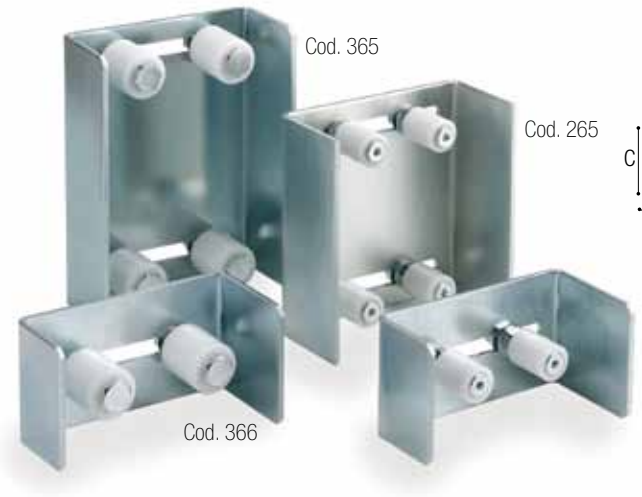



| Cod. | A | B | C | S | R min-max | Rulli<br>Rollers<br>Roulements<br>Walzen | |
|---|---|---|---|---|---|---|---|
| 261 | 136 | 60 | 36 | 2,5 | 40-60 | 2 ø 35 | 8 |
| 361 | 136 | 200 | 36 | 2,5 | 40-60 | 4 ø 35 | 4 |
| 168 | 220 | 330 | 72 | 4 | 60-100 | 4 ø 52 | 4 |

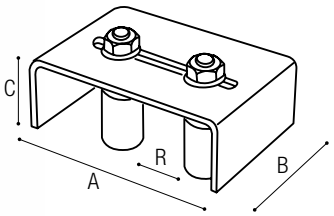
# Piastre di guida robuste a saldare

Strong guide plates to be welded
Plaques de guidage robustes à souder
Feste Führungsplatte zum Schweissen

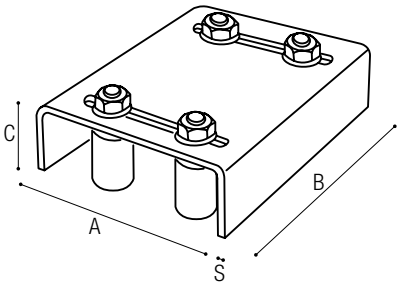




Cod. 365
Cod. 265
Cod. 366




Cod. 266

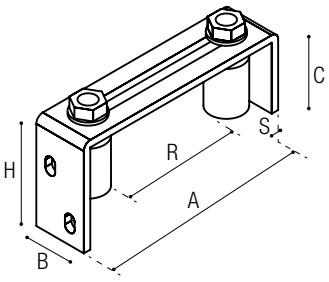



| Cod. | A | B | C | S | R max | Rulli<br>Rollers<br>Roulements<br>Walzen | |
|---|---|---|---|---|---|---|---|
| 266 | 150 | 80 | 65 | 4 | 75 | 2 ø 30 | 4 |
| 366 | 190 | 100 | 70 | 4 | 95 | 2 ø 42 | 4 |
| 265 | 150 | 200 | 65 | 4 | 75 | 4 ø 30 | 4 |
| 365 | 190 | 250 | 70 | 4 | 95 | 4 ø 42 | 4 |

# Staffa di guida a fissare

Guide bracket to be fixed
Plaque de guidage à visser
Führungsbügel zum Fixieren



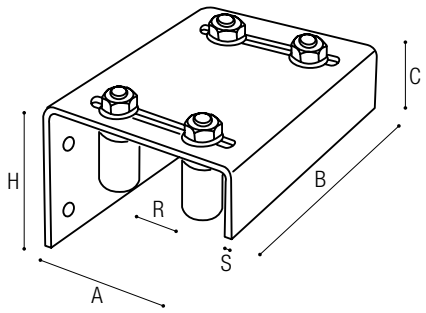



| Cod. | A | B | C | H | S | R max | Rulli<br>Rollers<br>Roulements<br>Walzen | |
|---|---|---|---|---|---|---|---|---|
| 257P | 150 | 50 | 60 | 90 | 5 | 75 | 2 ø 30 | 4 |
| 257 | 180 | 50 | 65 | 90 | 6 | 100 | 2 ø 30 | 4 |
| 258 | 200 | 80 | 70 | 175 | 8 | 100 | 2 ø 42 | 4 |

# Piastre di guida robuste a fissare

Strong guide plates to be fixed
Plaque de guidage résistant à fixer
Feste Führungsplatte zum Fixieren



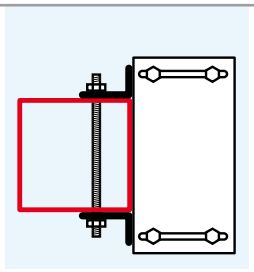




| Cod. | A | B | C | H | S | R max | Rulli<br>Rollers<br>Roulements<br>Walzen | |
|---|---|---|---|---|---|---|---|---|
| 267 | 150 | 200 | 65 | 160 | 4 | 75 | 4 ø 30 | 4 |
| 268 | 190 | 250 | 70 | 160 | 5 | 95 | 4 ø 42 | 4 |

# Piastre di guida a fissare con staffe

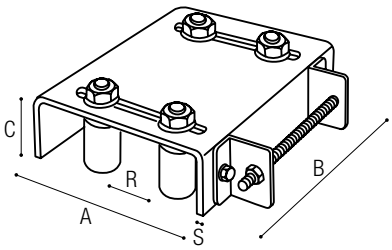
Guide plates to be fixed with brackets
Plaque de guidage à visser avec support
Führungsplatte zum Fixieren mit Bügel

- Ideale per colonne zincate
  Perfect for galvanized columns
  Ideal pour les colonnes galvanisés
  Ideal für verzinkte Kolonne







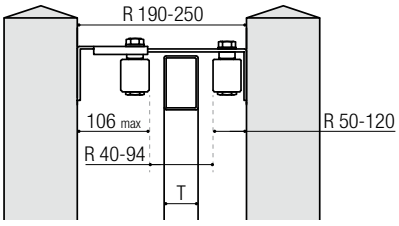



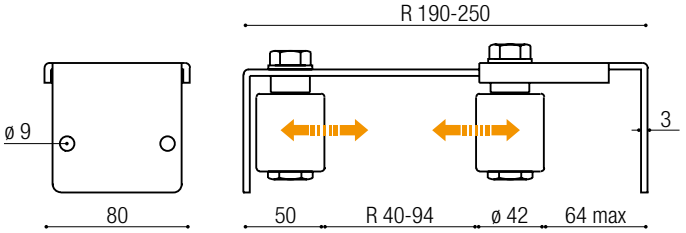

| Cod. | A | B | C | S | R max | Colonna | Rulli<br>Rollers<br>Roulements<br>Walzen | |
|---|---|---|---|---|---|---|---|---|
| 2650 | 150 | 200 | 65 | 4 | 75 | 100÷120 | 4 ø 30 | 4 |
| 3650 | 190 | 250 | 70 | 5 | 95 | 120÷150 | 4 ø 42 | 4 |

# Piastra di guida regolabile per doppia colonna

Adjustable guide plate for double column - 2 rollers
Plaque de guidage réglable pour double colonne
Verstellbare Führungsplatte für Doppelkolonne






| Cod. | Rulli<br>Rollers<br>Roulements<br>Walzen | |
|---|---|---|
| 362 | 2 ø 42 | 4 |

# Piastre di guida regolabili a saldare

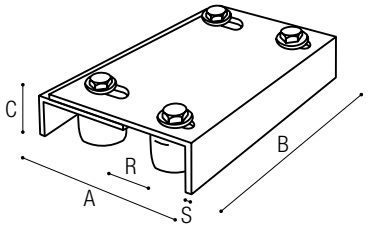
Adjustable guide plate to be welded
Plaques de guidage réglables à souder
Verstellbare Führungsplatte zum Schweissen



Cod. 367



Cod. 363




| Cod. | A | B | C | S | R min÷max | Rulli<br>Rollers<br>Roulements<br>Walzen | |
|---|---|---|---|---|---|---|---|
| 363 | 132-180 | 200 | 65 | 3 | 40÷60 | 4 ø 30 | 4 |
| 367 | 200-250 | 250 | 70 | 4 | 60÷100 | 4 ø 42 | 4 |

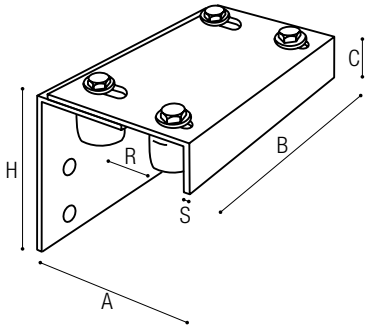
# Piastre di guida regolabili a fissare

Adjustable guide plates to be fixed
Plaques de guidage réglables à visser
Verstellbare Führungsplatte zum Fixieren



Cod. 373

Cod. 371

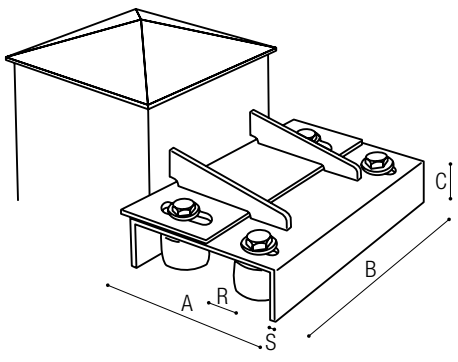



| Cod. | A | B | H | C | S | R min-max | Rulli<br>Rollers<br>Roulements<br>Walzen | |
|---|---|---|---|---|---|---|---|---|
| 371 | 132-180 | 200 | 160 | 65 | 3 | 40-60 | 4 ø30 | 4 |
| 373 | 200-250 | 250 | 160 | 70 | 4 | 60-100 | 4 ø 42 | 4 |

# Piastra di guida regolabile con supporto a saldare

Adjustable guide plate with support to be welded
Plaque de guidage réglable avec supports à souder
Verstellbare Führungplatte mit Halter zum Schweissen

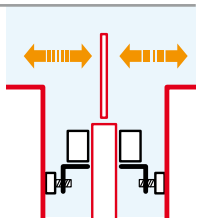





| Cod. | A | B | C | S | R min-max | Rulli<br>Rollers<br>Roulements<br>Walzen | |
|---|---|---|---|---|---|---|---|
| 167 | 135-170 | 200 | 45 | 3 | 40-50 | 4 ø 35 | 4 |

# Angolari di guida per cancelli scorrevoli con punte

Guide corners for sliding gates with spears
Plaque de guidage d'àngle pour portails coulissants avec pointes
Winkelstützführung für Schiebetore mit Spitzen



Cod. 369/30

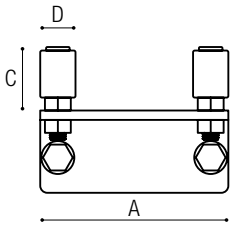


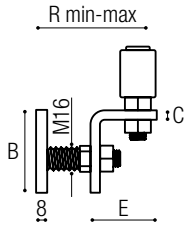
Cod. 369/42



Cod. 369/C



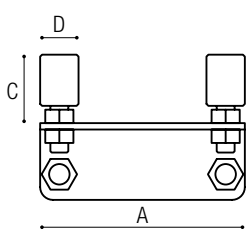


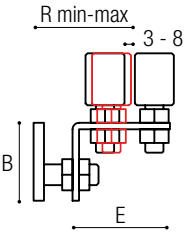



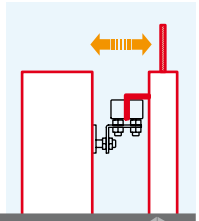

**a 2 rulli**
with 2 rollers
2 roulements
mit 2 Walzen

| Cod. | A | B | C | E | R min÷max | Rulli D<br>Rollers<br>Roulements<br>Walzen | |
|---|---|---|---|---|---|---|---|
| 369/30 | 160 | 60 | 50 | 45 | 65÷100 | 2 ø 30 | 2 |
| 369/42 | 160 | 60 | 50 | 45 | 70÷105 | 2 ø 42 | 2 |
| 369/C | 160 | 60 | 30 | 45 | 67÷102 | 2 x UPN 50x37 | 2 |





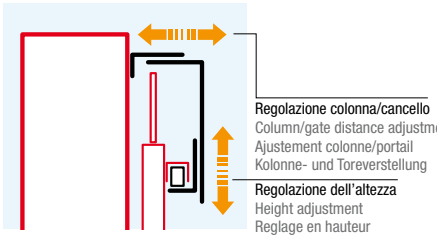
**a 4 rulli**
with 4 rollers
4 roulements
mit 4 Walzen

| Cod. | A | B | C | E | R min÷max | Rulli D<br>Rollers<br>Roulements | |
|---|---|---|---|---|---|---|---|
| 370/25 | 100 | 50 | 40 | 65 | 80÷100 | 4 ø 25 | 2 |
| 370/30 | 160 | 60 | 50 | 70 | 90÷120 | 4 ø 30 | 2 |

# Sistemi di guida per cancelli scorrevoli con punte

Guide systems for sliding gates with spears
Systèmes de guidage pour portails coulissants avec pointes
Führungssystemen für Schiebetore mit Spitzen

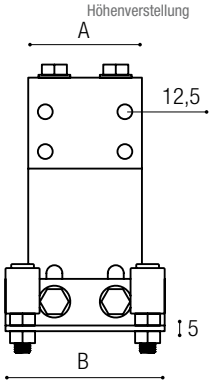


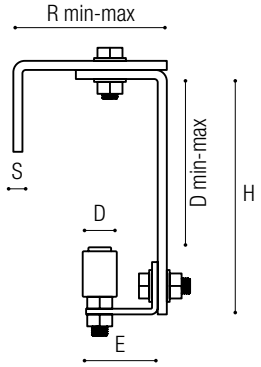



Cod. 169



Cod. 269




| | Cod. | A | B | R min-max | D | E | H | S | Rulli D<br>Rollers<br>Roulements<br>Walzen | |
|---|---|---|---|---|---|---|---|---|---|---|
| Grande<br>Big guide system / Grand / Gross | 169 | 120 | 160 | 175-210 | 70-250 | 66 | 330 | 10 | 2 ø 30 | 2 |
| Piccolo<br>Small guide system / Petit / Klein | 269 | 100 | 140 | 135-165 | 70-155 | 66 | 225 | 8 | 2 ø 30 | 4 |

# SERRATURE ED INCONTRI DI SICUREZZA

SAFETY LIMIT STOPS AND LOCKS
SERRURES DE SÉCURITÉ
SICHERHEITSTÜRFLÜGEL UND SCHLÖSSER

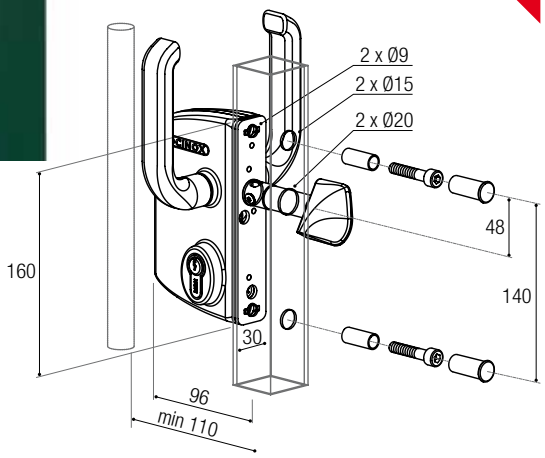
## Serratura Sliding

Sliding Lock
Serrure Sliding
Sliding Schloss

NOVITÀ NEW NOUVEAU NEUHEIT








- Sistema di chiusura con scrocco a farfalla
- Per tubi quadri o rettangolari, meccanismi in acciaio inox
- Maniglie in alluminio con perno quadro 10 mm

- Système de fermeture papillon
- Pour tubes carrés ou rectangulaires, mécanismes en acier inoxydable
- Poignées en aluminium avec pivot carré de 10 mm

- Twistfinger latch system
- For square or rectangular tubes, stainless steel mechanisms
- Aluminium handles with 10 mm square pin

- Schließsystem mit Schmetterlingsfalle
- Für quadratische oder rechteckige Rohre-Edelstahlmechanismen
- Mechanismus aus Edelstahl Aluminiumgriffe mit 10 mm Vierkantbuchse

| Cod. | Tubo<br>Tube<br>Tuyau<br>Rohr | |
|---|---|---|
| 751/40 | 40 | 1 |
| 751/50 | 50 | 1 |
| 751/60 | 60 | 1 |
| 751/80 | 80 | 1 |
| 751/100 | 100 | 1 |
| 751/120 | 120 | 1 |

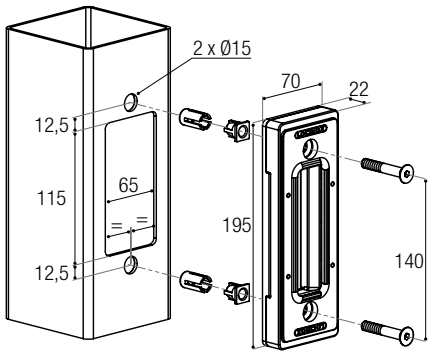
## Incontro per serratura Sliding

Sliding keep
Battant pour serrure Sliding
Anschlag für 791 Sliding Box Schloss

NOVITÀ NEW NOUVEAU NEUHEIT

- Incontro inox per tubi quadri minimo 80 mm
- Movimento autocentrante 9 mm, dx-sx per l'aggancio dello scrocco
  Stainless steel keeper for square tubes minimum 80 mm
  Self-centring movement 9 mm, right/left for latch engagement
  Battant en acier inoxydable pour tubes carrés minimum 80 mm
  Mouvement auto-centrant de 9 mm, droite-gauche pour accrocher le loquet
  Edelstahlanschlag für Vierkantrohre - mindestens 80 mm
  9 mm selbstzentrierendes Uhrwerk, rechts-links zum Einrasten






| Cod. | |
|---|---|
| 791 | 1 |

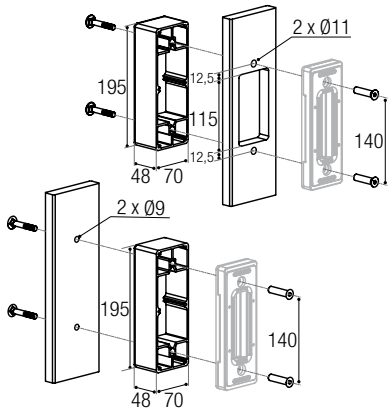
## Box per incontro 791 Sliding

Box for Sliding keep
Box pour 791 Sliding
791 Boxanschlag

NOVITÀ NEW NOUVEAU NEUHEIT

- Box in alluminio a protezione dello scrocco a farfalla
  Aluminium protection box for Twistfinger
  Box en aluminium pour protéger le fermeture papillon
  Aluminiumbox zum Schutz der Schmetterlingsfalle






| Cod. | |
|---|---|
| 791-B | 1 |

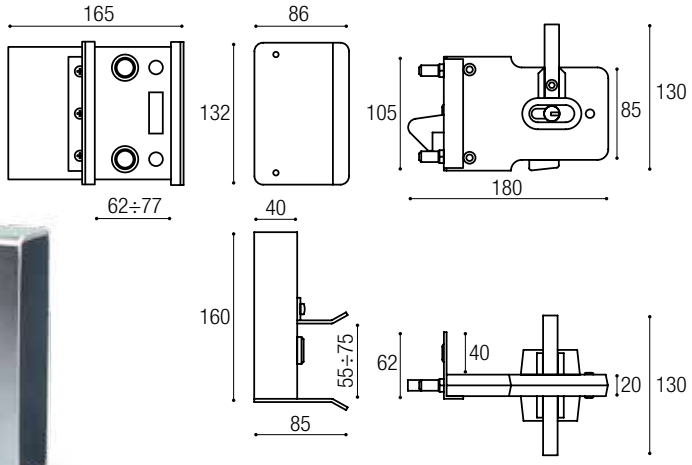
# Kit serratura esterna con battente a saldare

External lock kit with limit stop to be welded
Kit serrure extérieur avec battant à souder
Außerschlösser-Kit mit Flügel zum Schweissen





- Reversibile: dx-sx
  Reversible right or left
  Reversible dx sx
  rechts-links Reversibel









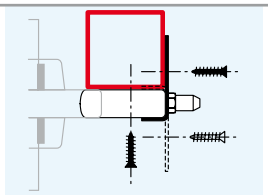
- Fornita con manopola
  Supplied with knob
  Fourni avec poignée
  mit Handräder

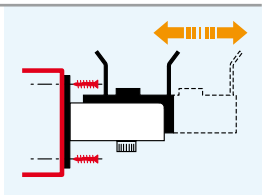


| Kit serratura con incontro<br>External lock with limit stop<br>Kit serrure avec bute<br>Schlösser-Kit mit Flügel | Cod. 170 | 1 |
|---|---|---|
| Incontro regolabile<br>Adjustable limit stop<br>Bute réglable<br>verstellbarer Flügel | 170B | 2 |
| Serratura<br>External lock<br>Serrure<br>Schlösser | 170S | 1 |

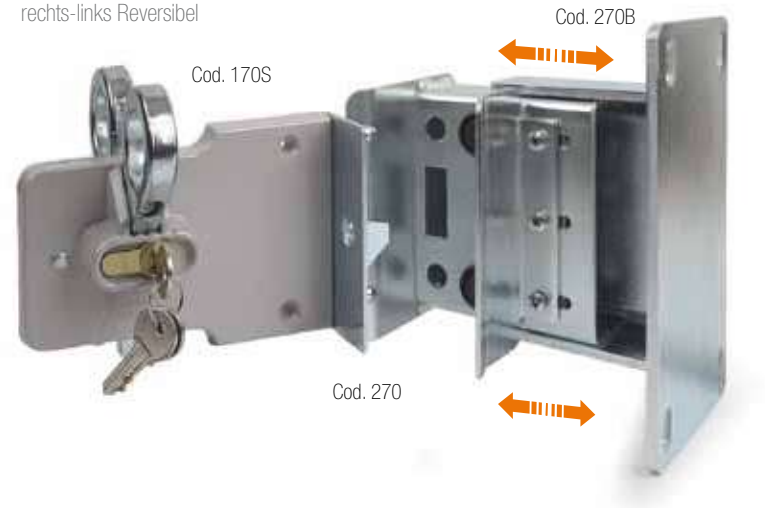
# Kit serratura esterna con battente regolabile a fissare

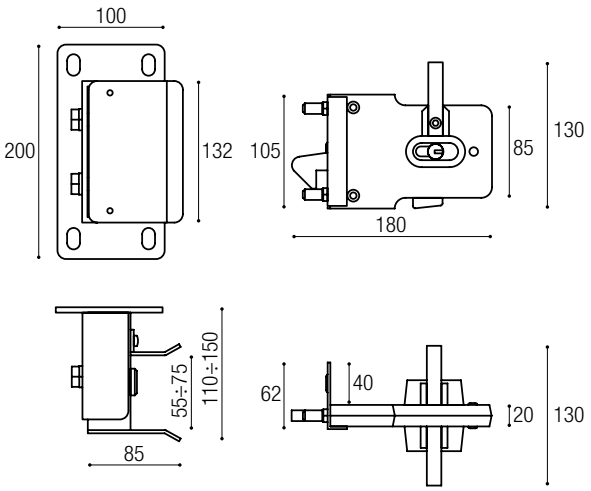
External lock kit with adjustable limit stop to be fixed
Kit serrure extérieur avec battant réglable à visser
Außerschlösser-Kit mit Flügel zum Fixieren





- Reversibile: dx-sx
  Reversible right or left
  Reversible dx sx
  rechts-links Reversibel





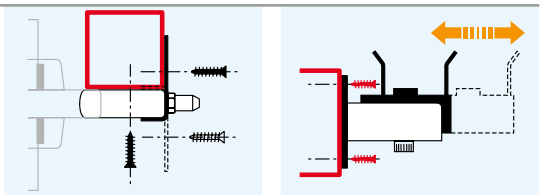

- Fornita con manopola
  Supplied with knob
  Fourni avec poignée
  mit Handräder



| Kit serratura con incontro<br>External lock with limit stop<br>Kit serrure avec bute<br>Schlösser-Kit mit Flügel | Cod. 270 | 1 |
|---|---|---|
| Incontro regolabile<br>Adjustable limit stop<br>Bute réglable<br>verstellbarer Flügel | 270B | 2 |
| Serratura<br>External lock<br>Serrure<br>Schlösser | 170S | 1 |

# Kit serratura esterna con battente regolabile a saldare

External lock kit with adjustable limit stop to be welded
Kit serrure extérieur avec battant réglable à souder
Außerschlösser-Kit mit Flügel zum Schweissen



- Reversibile: dx-sx
  Reversible right or left
  Reversible dx sx
  rechts-links Reversibel

Cod. 271B



Cod. 170S

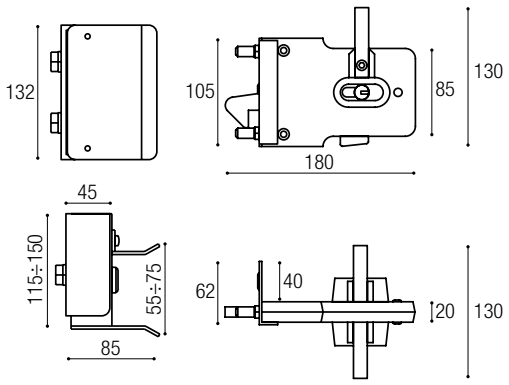


Cod. 271



- Fornita con manopola
  Supplied with knob
  Fourni avec poignée
  mit Handräder






| Cod. | |
|---|---|
| Kit serratura con incontro<br>External lock with limit stop<br>Kit serrure avec bute<br>Schlösser-Kit mit Flügel | 271 — 1 |
| Incontro regolabile<br>Adjustable limit stop<br>Bute réglable<br>verstellbarer Flügel | 271B — 2 |
| Serratura<br>External lock<br>Serrure<br>Schlösser | 170S — 1 |

# Kit serratura ad incasso con incontro e staffa a saldare

Lock kit to be embedded with limit stop and brackets to be welded
Kit serrure encastré avec battant et support à souder
Einbauschlösser-Kit mit Flügel und Bügel zum Schweissen

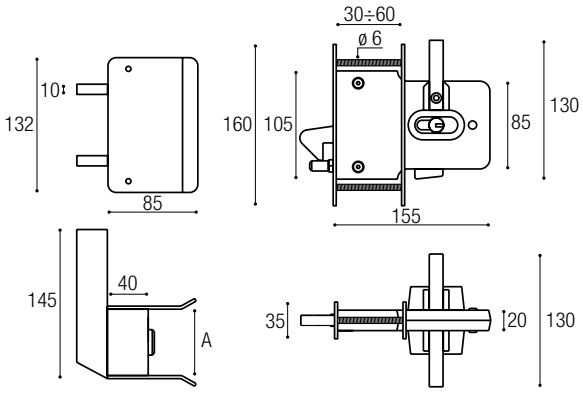




- Reversibile: dx-sx
  Reversible right or left
  Reversible dx sx
  rechts-links Reversibel

- Fornita con manopola
  Supplied with knob
  Fourni avec poignée
  mit Handräder



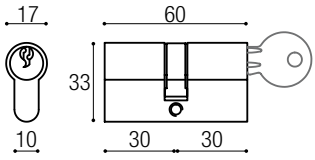



| Cod. | A | |
|---|---|---|
| 171/40 | 45 | 1 |
| 171/50 | 55 | 1 |
| 171/60 | 65 | 1 |

# Cilindro per serrature

Cylinder for locks
Cylindre pour serrures
Schlösserzylinder



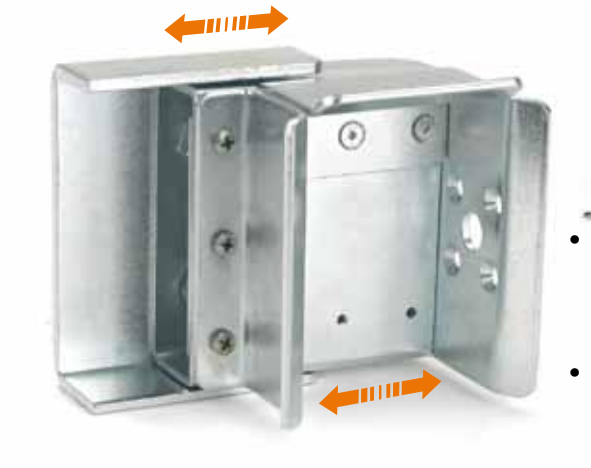



- Cilindro in ottone fornito con 3 chiavi, cifratura unica per ciascun cilindro
  Brass cylinder provided with 3 keys, one keying for each cylinder
  Cylindre en laiton fourni avec 3 clés, codage unique pour chaque cylindre
  Messingzylinder mit 3 Schlösser, einzige Verschlüsselung für jeder Zylinder

| Cod. | |
|---|---|
| 174EU | 1 |

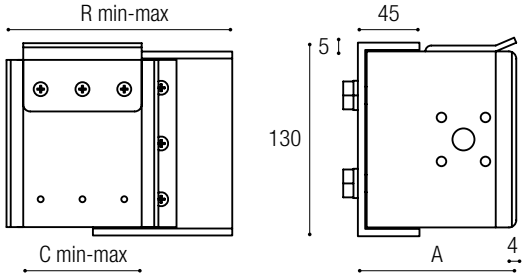
# Incontri finecorsa di sicurezza regolabili a saldare

Adjustable safety limit stops to be welded
Battents de fin de course réglables à souder
Verstellbarer Sicherheitsendtürfügel zum Schweissen





- Optional: cilindro di sicurezza
  Optional: safety cylinder
  Optional: cylindre de sécurité
  Optional: Sicherheitszylinder
- Reversibile: dx-sx
  Reversible right or left
  Reversible dx sx
  rechts-links Reversibel




| Cod. | A | C min-max | R min-max | |
|---|---|---|---|---|
| 296S | 80 | 50÷65 | 60÷105 | 4 |
| 297S | 100 | 65÷85 | 110÷155 | 4 |

# Incontri finecorsa di sicurezza regolabili a fissare

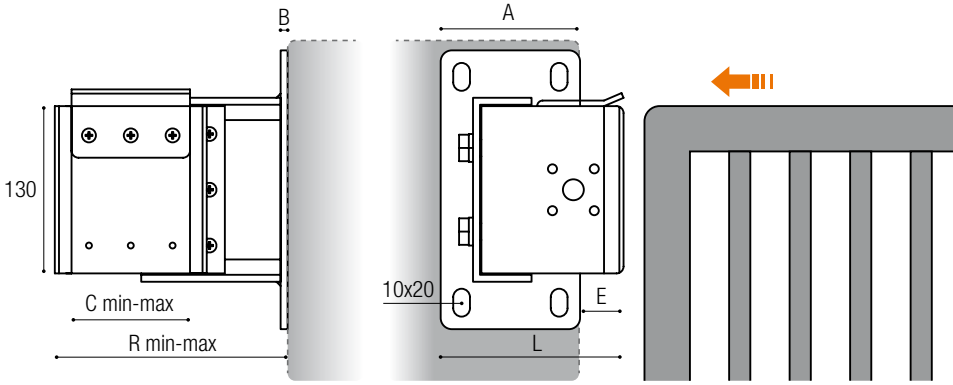
Adjustable safety limit stops to be fixed
Battents de fin de course réglables à visser
Verstellbarer Sicherheitsendtürfügel zum Fixieren





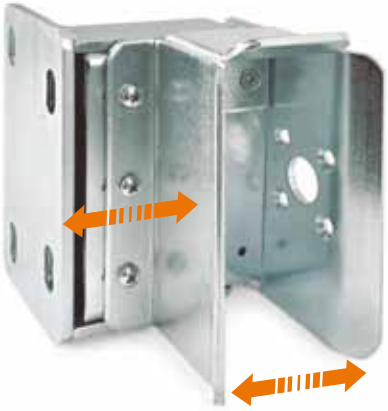


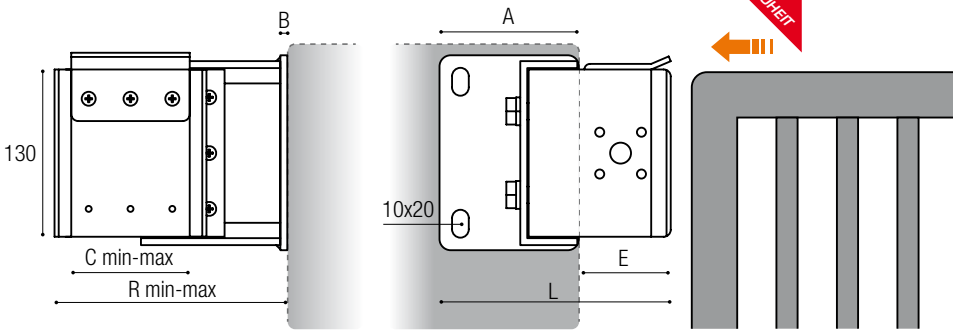
- Reversibile: dx-sx
  Reversible right or left
  Reversible dx sx
  rechts-links Reversibel
- Optional: cilindro di sicurezza
  Optional: safety cylinder
  Optional: cylindre de sécurité
  Optional: Sicherheitszylinder




| Cod. | A | B | E | L | C min-max | R min-max | |
|---|---|---|---|---|---|---|---|
| 294A | 80 | 4 | 45 | 130 | 50÷65 | 65÷110 | 4 |
| 295A | 100 | 6 | 40 | 140 | 65÷85 | 115÷160 | 2 |

NOVITÀ
NEW NOUVEAU NEUHEIT






| Cod. | A | B | E | L | C min-max | R min-max | |
|---|---|---|---|---|---|---|---|
| 294N | 80 | 4 | 65 | 145 | 50÷65 | 65÷110 | 4 |
| 295N | 100 | 6 | 65 | 180 | 65÷85 | 115÷160 | 2 |

## Cilindro di sicurezza con piolo cementato

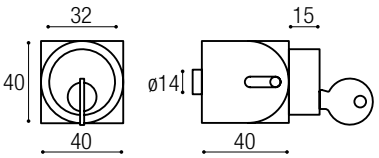
Safety cylinder with cemented pin
Cylindre de sécurité avec piquet cimenté
Sicherheitszylinder mit aufgekohlten Bolzen







- Con 3 chiavi
  Provided with 3 keys
  Avec 3 clés
  Mit 3 Schlüssel

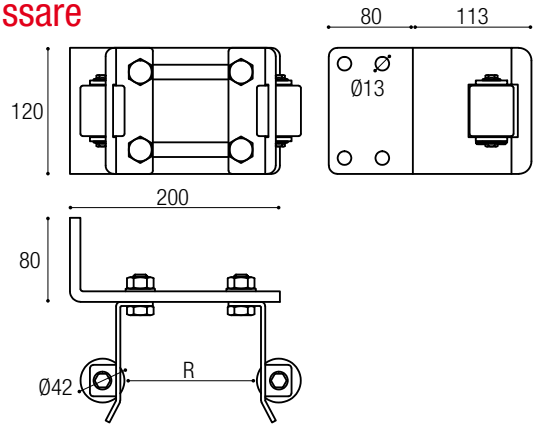



| Cod. | |
|---|---|
| 175 | 1 |

## Incontri finecorsa di sicurezza con rulli, regolabile ed a fissare

Adjustable safety limit stops with rollers, to be fixed
Battents de fin de course avec roulements - réglable et à visser
Verstellbarer Sicherheitsendtürfügel mit Walzen zum Fixieren



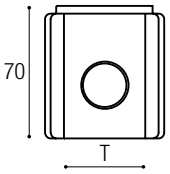



| Cod. | R min-max | |
|---|---|---|
| 2090 | 45÷90 | 2 |

## Incontri finecorsa di sicurezza a saldare

Safety limit stop to be welded
Battents de fin de course à souder
Sicherheitsendtürfügel zum Schweissen



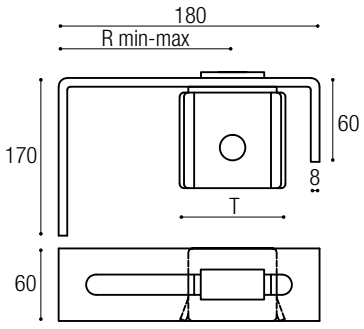



| Cod. | T | |
|---|---|---|
| 298/40 | 43 | 6 |
| 298/50 | 53 | 6 |
| 298/60 | 63 | 4 |
| 298/80 | 83 | 4 |

## Incontri finecorsa di sicurezza a fissare

Safety limit stop to be fixed
Battents de fin de course à visser
Sicherheitsendtürfügel zum Fixieren



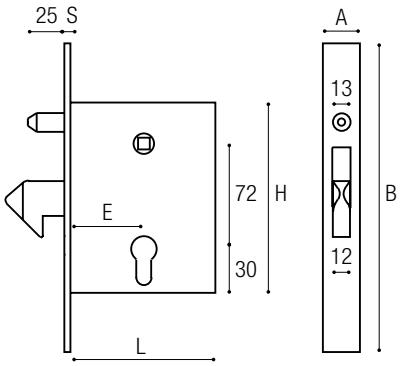



| Cod. | T | R min-max | |
|---|---|---|---|
| 299/40 | 43 | 40-140 | 4 |
| 299/50 | 53 | 45-135 | 4 |
| 299/60 | 63 | 50-130 | 4 |
| 299/80 | 83 | 60-120 | 4 |

# Serrature a gancio

Hook locks
Serrure à crochet
Hankenschloss



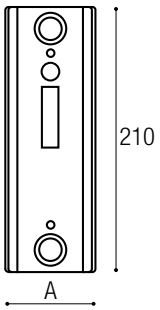



| Cod. | E | L | A | B | H | S | |
|---|---|---|---|---|---|---|---|
| 176/30 | 30 | 57 | 22 | 190 | 120 | 3 | 2 |
| 176/40 | 40 | 67 | 22 | 190 | 120 | 3 | 2 |
| 176/50 | 50 | 86 | 25 | 210 | 130 | 4 | 2 |
| 176/60 | 60 | 96 | 25 | 210 | 130 | 4 | 2 |

# Incontri per serrature a gancio

Stops for hook locks
Battents pour serrure à crochet
Hankenschlossfügel



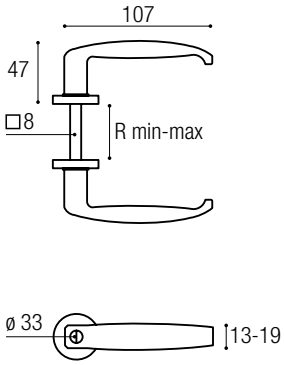



| Cod. | A | |
|---|---|---|
| 178/40 | 42 | 8 |
| 178/50 | 52 | 8 |
| 178/60 | 62 | 6 |

# Maniglie in lega con vite di fissaggio

Alloy handles with fixing screw
Poignée en alliage avec vis de fixation
Legierungsgriffe mit Befestigungsschraube





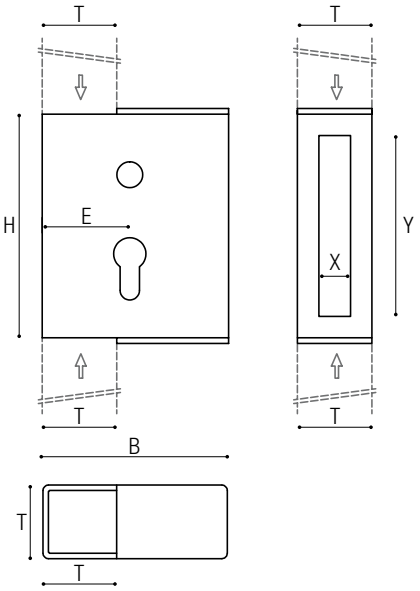

| Cod. | Descrizione | R min-max | |
|---|---|---|---|
| | Description / Description / Beschreibung | | |
| 825 | | 25-38 | 20 |
| 835 | Regolabile con vite Adjustable with screw / Reglabe avec vis / Mit Schraube verstellbar | 35-50 | 20 |
| 845 | | 45-60 | 20 |
| 855 | | 55-70 | 20 |
| 865 | Regolabile con grano Adjustable with grub screw / Reglable avec grain / verstellbar mit Korn | max 80 | 20 |

# Scatole integrali per serrature a gancio

Integral lock cover
Boîtes intégrales pour serrure à crochet
Schachtel für Hankenschloss








| Cod. | Rif. Serratura<br>Code Lock<br>Code serrure<br>Schloss | Chiave<br>Key<br>Clé<br>Schlüßel | T | E | H | B | X | Y | |
|---|---|---|---|---|---|---|---|---|---|
| 177/ST30 | 176/30 | | 30 | 30 | 160 | 80 | 16 | 125 | 10 |
| 177/ST40 | 176/40 | | 30 | 40 | 160 | 80 | 16 | 125 | 10 |
| 177/ST50 | 176/50 | | 40 | 50 | 170 | 100 | 21 | 135 | 10 |
| 177/ST60 | 176/60 | | 50 | 60 | 170 | 120 | 21 | 135 | 10 |

- Brevetti Adem propone le scatole specifiche per le serrature più comuni.
- Questo sistema semplifica la costruzione delle ante cancello: in questa maniera diventa secondaria la quota E dell'entrata del cilindro, non più vincolata alla misura del montante.
- I fori sulle scatole rispettano gli interassi delle serrature per l'alloggiamento di cilindri e maniglie.
- Sono dotate di scarichi per la zincatura.

- Brevetti Adem proposes specific covers about the most common locks.
- This system simplifies the construction of the gate: by this way, the E size about the cylinder becomes secondary and no longer bound to the size of the tube.
- The holes on the cover respect the measure of the locks for the housing of cylinders and handles.
- They are equipped with drains for galvanizing.

- Brevetti Adem propose les boîte specifique pour les serrures plus communes disponibles.
- Ce système simplifie la construction du portail: de cette manière la dimension E de l'entrée du cylindre devient secondaire et non plus liée à la taille du montant.
- Les trous sur les boîtes respectent es entraxes des serrures pour loger les cylindres et les poignées.
- Ils sont équipés de drains pour la galvanisation

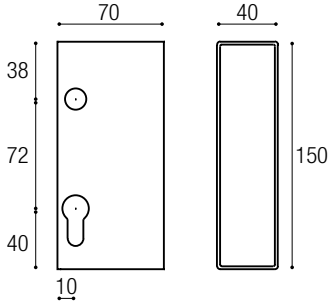
- Brevetti Adem schlägt die Schachtel für die häufigstere Schlosser vor.
- Dieses System vereinfacht den Bau der Flügeltore. Auf diese Weise wird die E-Abmessung des Zylindereingangs sekundär und nicht mehr an die Größe des Pfostens gebunden.
- Die Löcher im Schachtel respektieren die Schlosserachsabstand für die Unterbringung der Zylinder und Griffe.
- Sie sind mit Abflüssen zum Verzinken ausgestattet.

# Scatola per serrature a gancio

Box for hook locks
Boîte pour serrures à crochet
Schachtel für Hankenschloss








| Cod. | |
|---|---|
| 177/40 | 6 |

# SISTEMI PER CANCELLI AUTOPORTANTI

CANTILEVER GATES SYSTEMS
SYSTÈMES POUR PORTAILS AUTOPORTANTS
SYSTEME FÜR FREITRAGENDE SCHIEBETORE






# Sistemi per cancelli autoportanti

Cantilever gates systems
Systémes pour portails autoportants
Freitragende Schiebetoresysteme


Dati tecnici 38
Technical data
Paramétres techniques
Technischen Daten

Serie ALUM 44
ALUM serie
Séries ALUM
Alum Linie

Serie EASY 46
EASY serie
Séries EASY
Easy Linie

Serie BASE 48
Base serie
Séries base
Basis Linie

Serie STRONG 50
Strong series
Séries strong
Strong Linie

Serie HEAVY 52
Heavy series
Séries heavy
Heavy Linie

Serie LIGHT 54
Light series
Séries light
Light Linie


## Gli autoportanti Brevetti Adem

Brevetti Adem Cantilevers
Les portails autoportants Brevetti Adem
Brevetti Adem freitragende Schiebetore

Le nostre soluzioni di sistemi autoportanti soddisfano qualsiasi tipo di installazione. I valori di portata e durata nel tempo sono calcolati in sicurezza e comunque a livelli di eccellenza utilizzando materiali e componenti di alta qualità.
**Avete già la monorotaia?** Brevetti Adem progetterà e produrrà per voi i carrelli e gli accessori.

• Our cantilever system solutions satisfy every kind of installation. The capacity and duration values during the years are calculated with the due safety margins and always at levels of excellence using high quality materials and components.
**You already have the monorail?** Brevetti Adem will design and produce for you the carriages and the accessories.

• Nos solutions système autoportants satisfont tout type d'installation. Les valeurs de débit et de durabilité sont calculées en toute sécurité et dans tous les cas à des niveaux d'excellence en utilisant des matériaux et des composants de haute qualité.
**Avez-vous déjà le monorail?** Brevetti Adem va concevoir et produire pour vous les chariots et accessoires.

• Unsere selbsttragenden Systemlösungen erfüllen jede Art von Installation. Die Werte von Tragfähigkeit und Zaitdauer werden mit Sicherheit und hohen Exzellenzsniveau dank hoch Qualitätsmaterialen und Bestandteile berechnet.
**Haben Sie schon die Schiene?** Brevetti Adem wird die Wagen und die Zubehöre für Sie entwerfen und herstellen.









# GAMMA SISTEMI AUTOPORTANTI

CANTILEVER GATE SYSTEMS SERIES
GAMME DE SYSTÈMES AUTOPORTANTS
FREITRAGENDE SCHIEBETORESYSTEME

## Incontri superiori
Upper limit stops
Battents de fin de course supérieurs
Obere Anschlag

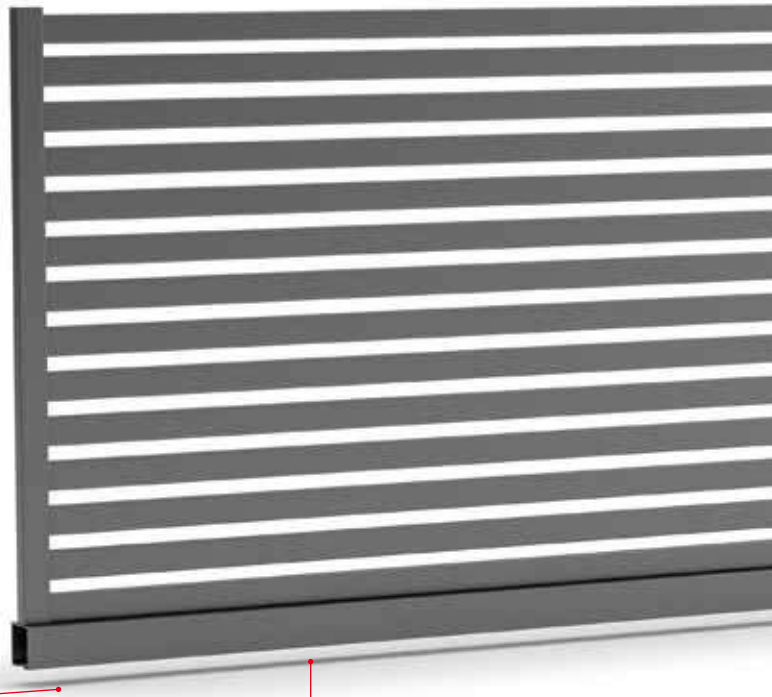
| Cod. |
|---|
| 2090 |
| 294N |
| 297S |
| 298 |











## Incontri inferiori
Lower limit stops
Battents de fin de course inférieurs
Untere Anschlag

| Cod. |
|---|
| 927 |
| 947 |
| 967 |



## Supporti per incontri
Limit stops supports
Supports pour les battents de fin de course
Unterstützungen

| Cod. |
|---|
| 927F |
| 947F |
| 967F |



## Ruote fine corsa
End wheels
Roues de fin de course
Endrollen

| Cod. |
|---|
| 904 |
| 924 |
| 934 |
| 944 |
| 954 |
| 964 |







## Monorotaie
Monorails
Monorails
Einschienenbahnen

| Cod. |
|---|
| 980 |
| 981 |
| 987 |
| 989 |
| 991 |
| 995 |







## Piastre di guida
Guide plates
Plaques de guidage
Führungsplatten



| Cod. |
|---|
| 265 |
| 365 |
| 257 |
| 258 |
| 267 |
| 268 |
| 363 |
| 367 |
| 371 |
| 373 |
| 369 |
| 370 |
| 169 |
| 269 |

## Tiranti
Adjustment tie-rods
Tirants
Ankerbolzen

| Cod. |
|---|
| 940 |
| 960 |





## Cremagliere
Racks
Cremailleres
Stahlzahnstangen

| Cod. |
|---|
| 730 |
| 732 |
| 733 |
| 735 |



## Carrelli portanti
Carriages
Chariot de guidage autoportant
Trägerwagen

| Cod. |
|---|
| 931 |
| 951 |
| 921 |
| 928 |
| 941 |
| 949 |
| 969 |
| 901 |







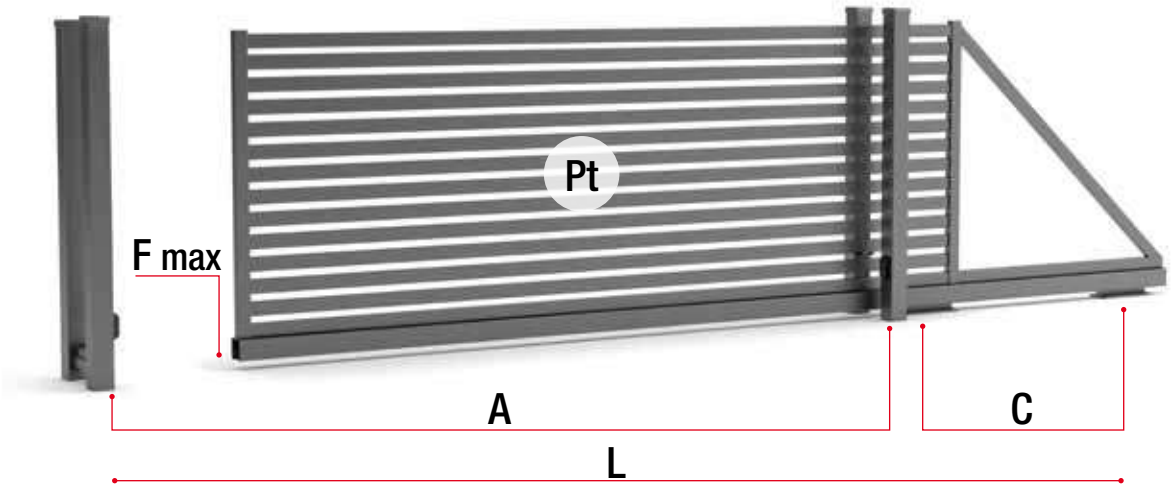






# CARATTERISTICHE TECNICHE

THECNICAL DATA
CARACTÉRISTIQUES TECHNIQUES
TECHNISCHE EIGENSCHAFTEN




- **Il dimensionamento dei sistemi è illustrato per valori dell'interasse C=1/3 di A**
- **Il peso del cancello va sempre considerato comprensivo del peso della monorotaia di guida**
- **Nei carrelli a 5 ruote l'uso della vite di regolazione riduce i carichi applicabili del 50%**

The sizing of the entire systems is illustrated for C =1/3 A
The weight of the gate should always be considered including the weight of the sliding monorail
On 5-wheels trolleys the use of the adjustment screw reduces the applicable loads by 50%

Le dimensionnement des systèmes est illustré pour des valeurs de l'entraxe c = 1/3 de a
Le poids du portail doit toujours être considéré comme incluant le poids du monorail de guidage
Dans les chariots à 5 roues, l'utilisation de la vis de réglage réduit les charges applicables de 50%

Die Dimensionierung der Systemen wird durch Achsenabstandswerte C=1/3 von A illustriert
Das Gewicht des Tors muss immer einschließlich des Gewichts der Führungsschiene berücksichtigt werden
Bei 5-Rad-Wagen reduziert die Verwendung der Einstellschraube die anfallenden Lasten um 50%

| Legenda | |
|---|---|
| **F max** | Forza massima applicabile al sistema a sbalzo |
| **Pt** | Peso totale massimo del cancello |
| **Pm** | Peso massimo per metro lineare del cancello |
| **A** | Luce di apertura del passaggio |
| **C** | Interasse tra i carrelli portanti |
| **L** | Lunghezza totale del cancello (A+C+accessori) |

| Explanation | |
|---|---|
| **F max** | Maximum force applicable to cantilever system |
| **Pt** | Maximum total weight of the gate |
| **Pm** | Maximum weight for linear meter of the gate |
| **A** | Opening size |
| **C** | Distance from centre of 2 carriages |
| **L** | Total lenght of the gate (A+C+accessories) |

| Légende | |
|---|---|
| **F max** | Force maximale applicable au système cantilever |
| **Pt** | Poids total maximum du portail |
| **Pm** | Poids maximum par mètre linéaire de la porte |
| **A** | Ouverture du passage |
| **C** | Distance centrale entre les chariots de support |
| **L** | Longueur totale du portail (A + C + accessoires) |

| Legende | |
|---|---|
| **F max** | Maximale Kraft, die auf das Auslegersystem angewandt wird |
| **Pt** | Maximales Gesamtgewicht des Tors |
| **Pm** | Maximales Gewicht pro Laufmeter des Tors |
| **A** | Durchgangsöffnungslicht |
| **C** | Achsabstand zwischen den Tragwagen |
| **L** | Gesamtlänge des Tors (A + C + Zubehör) |

## Serie ALUM

| 5 ruote - wheels - roules - Rollen | F max kg 880 | Pt kg 480 | | | | | |
|---|---|---|---|---|---|---|---|
| **A** (m) | 4 | 5 | 6 | 6,5 | 7 | 7,5 | 8 |
| **C** (m) | 1,33 | 1,67 | 2,00 | 2,17 | 2,33 | 2,50 | 2,68 |
| **L** (A + C + 0,5m.) | 5,83 | 7,17 | 8,50 | 9,17 | 9,83 | 10,50 | 11,17 |
| **Pm** (kg) | 82 | 67 | 56 | 52 | 49 | 46 | 43 |

## Serie EASY

| 4 ruote - wheels - roules - Rollen | F max kg 600 | | Pt kg 300 | | | | |
|---|---|---|---|---|---|---|---|
| **A** (m) | **3** | **3,25** | **3,5** | **3,75** | **4** | **4,25** | **4,5** |
| **C** (m) | 1,00 | 1,08 | 1,17 | 1,25 | 1,33 | 1,42 | 1,50 |
| **L** (A + C + 0,4m.) | 4,40 | 4,73 | 5,07 | 5,40 | 5,73 | 6,07 | 6,40 |
| **Pm** (kg) | 68 | 63 | 59 | 56 | 52 | 49 | 47 |

| 8 ruote - wheels - roules - Rollen | F max kg 720 | | Pt kg 360 | | | | |
|---|---|---|---|---|---|---|---|
| **A** (m) | **3,3** | **3,7** | **4** | **4,3** | **4,7** | **5** | **5,3** |
| **C** (m) | 1,10 | 1,23 | 1,33 | 1,43 | 1,57 | 1,67 | 1,77 |
| **L** (A + C + 0,4m.) | 4,80 | 5,33 | 5,73 | 6,13 | 6,67 | 7,07 | 7,47 |
| **Pm** (kg) | 75 | 68 | 63 | 59 | 54 | 51 | 48 |

## Serie BASE

| 5 ruote - wheels - roules - Rollen | F max kg 720 | | Pt kg 360 | | | | |
|---|---|---|---|---|---|---|---|
| **A** (m) | **4** | **4,5** | **5** | **5,5** | **6** | **6,5** | **7** |
| **C** (m) | 1,33 | 1,50 | 1,67 | 1,83 | 2,00 | 2,17 | 2,33 |
| **L** (A + C + 0,45m.) | 5,83 | 6,50 | 7,17 | 7,83 | 8,5 | 9,17 | 9,83 |
| **Pm** (kg) | 62 | 56 | 51 | 46 | 43 | 40 | 37 |

| 8-9 ruote - wheels - roules - Rollen | F max kg 1440 | | Pt kg 660 | | | | |
|---|---|---|---|---|---|---|---|
| **A** (m) | **5** | **5,5** | **6** | **6,5** | **7** | **7,5** | **8** |
| **C** (m) | 1,67 | 1,83 | 2,00 | 2,17 | 2,33 | 2,50 | 2,67 |
| **L** (A + C + 0,5m.) | 7,17 | 7,83 | 8,50 | 9,17 | 9,83 | 10,50 | 11,17 |
| **Pm** (kg) | 92 | 84 | 78 | 72 | 67 | 63 | 59 |

## Serie STRONG

| 5 ruote - wheels - roules - Rollen | F max kg 1200 | | Pt kg 600 | | | | |
|---|---|---|---|---|---|---|---|
| **A** (m) | **6** | **6,5** | **7** | **7,5** | **8** | **8,5** | **9** |
| **C** (m) | 2,00 | 2,17 | 2,33 | 2,50 | 2,67 | 2,83 | 3,00 |
| **L** (A + C + 0,55m.) | 8,60 | 9,27 | 9,93 | 10,6 | 11,27 | 11,93 | 12,60 |
| **Pm** (kg) | 69 | 64 | 60 | 56 | 53 | 50 | 47 |

| 8-9 ruote - wheels - roules - Rollen | F max kg 2400 | | Pt kg 1200 | | | | |
|---|---|---|---|---|---|---|---|
| **A** (m) | **7** | **7,5** | **8** | **8,5** | **9** | **9,5** | **10** |
| **C** (m) | 2,33 | 2,50 | 2,67 | 2,83 | 3,00 | 3,17 | 3,33 |
| **L** (A + C + 0,65m.) | 9,93 | 10,60 | 11,27 | 11,93 | 12,60 | 13,27 | 13,93 |
| **Pm** (kg) | 120 | 113 | 106 | 100 | 95 | 90 | 86 |

## Serie HEAVY

| 8-9 ruote - wheels - roules - Rollen | F max kg 5000 | | Pt kg 2400 | | | | |
|---|---|---|---|---|---|---|---|
| **A** (m) | **9** | **10** | **11** | **12** | **13** | **14** | **15** |
| **C** (m) | 3,00 | 3,33 | 3,67 | 4,00 | 4,33 | 4,67 | 5,00 |
| **L** (A + C + 0,9m.) | 12,75 | 14,08 | 15,42 | 16,75 | 18,08 | 19,42 | 20,75 |
| **Pm** (kg) | 196 | 178 | 162 | 149 | 138 | 129 | 120 |

## Serie LIGHT

| 4 ruote - wheels - roules - Rollen | F max kg 670 | | Pt kg 300 | | | | |
|---|---|---|---|---|---|---|---|
| **A** (m) | **3** | **3,3** | **3,7** | **4** | **4,3** | **4,7** | **5** |
| **C** (m) | 1,00 | 1,10 | 1,23 | 1,33 | 1,43 | 1,57 | 1,67 |
| **L** (A + C + 0,3m.) | 4,50 | 4,90 | 5,43 | 5,83 | 6,23 | 6,77 | 7,17 |
| **Pm** (kg) | 67 | 61 | 55 | 51 | 48 | 44 | 42 |

| 8 ruote - wheels - roules - Rollen | F max kg 1150 | | Pt kg 500 | | | | |
|---|---|---|---|---|---|---|---|
| **A** (m) | **3** | **3,5** | **4** | **4,5** | **5** | **5,5** | **6** |
| **C** (m) | 1,00 | 1,17 | 1,33 | 1,50 | 1,67 | 1,83 | 2,00 |
| **L** (A + C + 0,4m.) | 4,5 | 5,17 | 5,83 | 6,50 | 7,17 | 7,83 | 8,5 |
| **Pm** (kg) | 111 | 97 | 86 | 77 | 70 | 64 | 59 |

# RIEPILOGO DATI TECNICI

SUMMARY OF TECHNICAL DATA
RÉSUMÉ DES INFORMATIONS TECHNIQUES
ZUSAMMENFASSUNG DER TECHNISCHEN DATEN

| | Pt max (kg) | A max (mt) 4,5 | 5,0 | 5,3 | 6,0 | 7,0 | 8,0 | 9,0 | 10,0 | 15,0 |
|---|---|---|---|---|---|---|---|---|---|---|
| Alum 5 ruote - wheels - roues - Rollen | 480 | | | | | | F max 880 L tot 11,17 | | | |
| Easy 5 ruote - wheels - roues - Rollen | 300 | F max 600 L tot 6,40 | | | | | | | | |
| Easy 8 ruote - wheels - roues - Rollen | 360 | | | F max 720 L tot 7,47 | | | | | | |
| Base 5 ruote - wheels - roues - Rollen | 360 | | | | | F max 720 L tot 9,83 | | | | |
| Base 8-9 ruote - wheels - roues - Rollen | 660 | | | | | | F max 1440 L tot 11,17 | | | |
| Strong 5 ruote - wheels - roues - Rollen | 600 | | | | | | | F max 1200 L tot 12,60 | | |
| Strong 8-9 ruote - wheels - roues - Rollen | 1200 | | | | | | | | F max 2400 L tot 13,93 | |
| Heavy 8-9 ruote - wheels - roues - Rollen | 2400 | | | | | | | | | F max 5000 L tot 20,75 |
| Light 4 ruote - wheels - roues - Rollen | 300 | | F max 670 L tot 7,17 | | | | | | | |
| Light 8 ruote - wheels - roues - Rollen | 500 | | | | F max 1150 L tot 8,50 | | | | | |

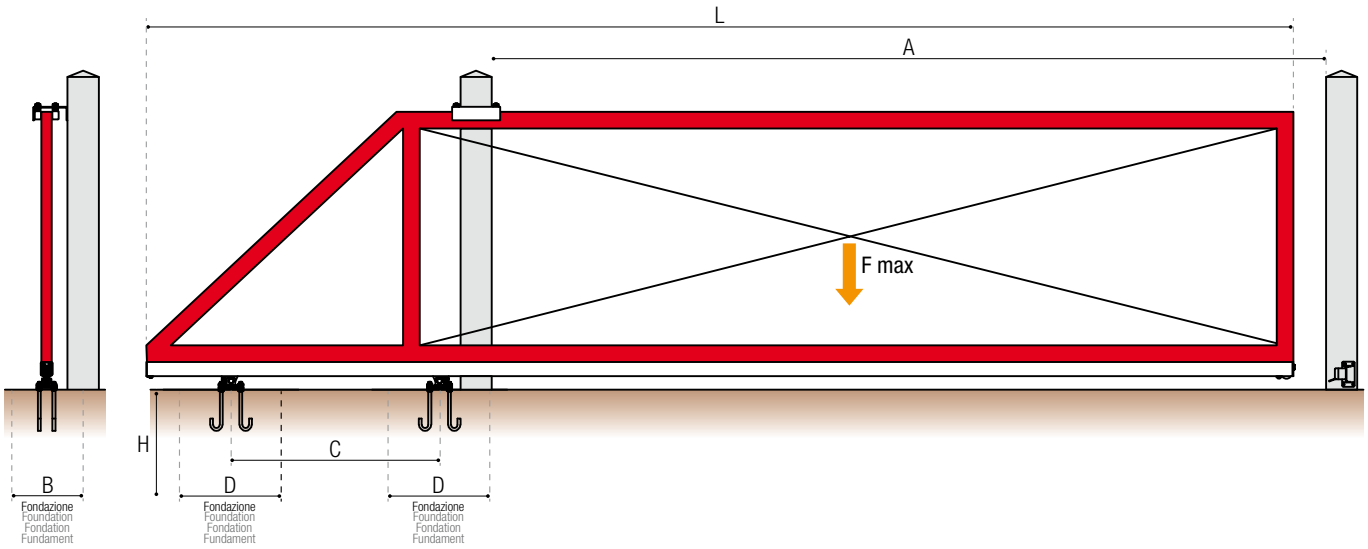
## HELP

- Contattaci per le informazioni sul dimensionamento dei cancelli autoportanti.
  Contact us for information on the sizing of self-supporting gates.
  Contactez-nous pour plus d'informations sur le dimensionnement des portails autoportants.
  Kontaktieren Sie uns für Informationen zur Dimensionierung von Freitragendetoren.



# DIMENSIONAMENTO DELLE FONDAZIONI

TECHNICAL DATA OF CANTILEVER SYSTEMS
DIMENSIONNEMENT DES FONDATIONS
FUNDAMENTABMESSUNG




- Dimensioni delle fondazioni per ogni singolo carrello in relazione ad Fmax
  Foundation sizes for every roller in relation to Fmax
  Dimensions des fondations pour chaque chariot par rapport à Fmax
  Fundamentdimension für jeden Wagen in Bezug auf Fmax

| | F max kg | Vf mc | H m | B m | D m |
|---|---|---|---|---|---|
| Alum 5 ruote - wheels - roues - Rollen | 960 | 0,44 | 0,76 | 0,51 | 1,14 |
| Easy 5 ruote - wheels - roues - Rollen | 600 | 0,27 | 0,65 | 0,43 | 0,98 |
| Easy 8 ruote - wheels - roues - Rollen | 720 | 0,33 | 0,69 | 0,46 | 1,04 |
| Base 5 ruote - wheels - roues - Rollen | 720 | 0,33 | 0,69 | 0,46 | 1,04 |
| Base 8-9 ruote - wheels - roues - Rollen | 1440 | 0,65 | 0,87 | 0,58 | 1,31 |
| Strong 5 ruote - wheels - roues - Rollen | 1200 | 0,55 | 0,82 | 0,55 | 1,23 |
| Strong 8-9 ruote - wheels - roues - Rollen | 2400 | 1,09 | 1,03 | 0,69 | 1,55 |
| Heavy 8-9 ruote - wheels - roues - Rollen | 5000 | 2,27 | 1,31 | 0,87 | 1,97 |
| Light 4 ruote - wheels - roues - Rollen | 670 | 0,30 | 0,67 | 0,45 | 1,01 |
| Light 8 ruote - wheels - roues - Rollen | 1150 | 0,52 | 0,80 | 0,53 | 1,20 |

## Calcolo per il dimensionamento delle fondazioni

Eseguire ogni singola fondazione di peso corrispondente alla Fmax
Ps calcestruzzo = 2200 kg/mc Volume delle fondazioni Vf = Fmax/2200
Suggeriamo di calcolare le fondazioni con B=2/3H ed D=3/2H, quindi:
se: Vf = 2/3H x H x 3/2H risulta che: $H = \sqrt[3]{V_f}$ poi si calcolano B ed D

## Calculation for the foundations' sizing

To perform every single weight foundation corresponding to Fmax
Specific gravity of concrete = 2200 kg/mc Volume of foundations Vf = Fmax / 2200
We suggest to calculate the single foundations with B=2/3H and D=2/3F
so: Vf = 2/3H x H x 3/2H and: $H = \sqrt[3]{V_f}$ after calculate B and D

## Calcul pour le dimensionnement des fondations

Réaliser chaque fondation avec un poids correspondant à Fmax
Béton Ps = 2200 kg/mc Volume des foundations Vf = Fmax / 2200
Nous suggérons de calculer les fondations avec B=2/3H et D=2/3F, donc:
si: Vf = 2/3H x H x 3/2H il en résulte que: $H = \sqrt[3]{V_f}$ Puis calculer B et D

## Rechnung für die Fundamentdimensionierung

Führen Sie jedes einzelne Fundament mit einem Gewicht aus, das Fmax entspricht
Ps Beton = 2200 kg/mc Fundamentvolumen Vf = Fmax / 2200
Wir empfehlen daher, die Fundamente mit B=2/3H und D=2/3F, zu berechnen:
wenn: Vf = 2/3H x H x 3/2H dann $H = \sqrt[3]{V_f}$ .Dann werden B und F berechnet.

# SERIE ALUM

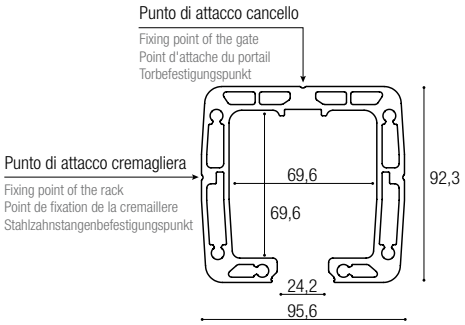
ALUM SERIES
ALUM SÉRIES
ALUM LINIE

NOVITÀ
NEW NOUVEAU NEUHEIT

## Monorotaia in alluminio

Aluminium monorail
Monorails en aluminium
Aluminium-Einschienenbahn



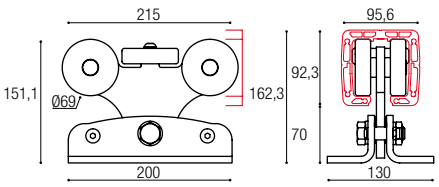



| Cod. | L m | Kg | Lega<br>AL alloy<br>Alliage<br>Legierung | Finitura<br>Finishing<br>Finissage<br>Feinbearbeitung |
|---|---|---|---|---|
| 980/3 | 3 | 17 | CN AW-6060 | Estruso - extruded - Extrudé - fließgepresst |
| 980/6 | 6 | 34 | CN AW-6060 | Estruso - extruded - Extrudé - fließgepresst |

## Carrello portante a 5 ruote

5 wheels carriages
Chariot autoportant avec 5 roues
5-Rollen Trägerwagen



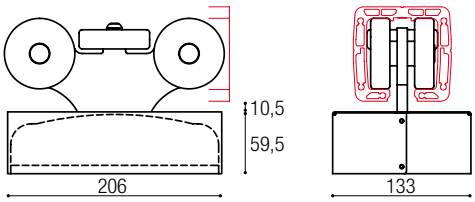



| Cod. | Materiale - Material - Matériel - Material | |
|---|---|---|
| 931 | Zincato - Galvanized steel - Galvanisé - verzinkt | 2 |
| 931X | Inox - Stainless Steel - Acier inoxydable - rostfreier | 2 |

## Cover di protezione in alluminio

Aluminium protective cover
Couverture de protection en aluminium
Aluminiumschutzhülle



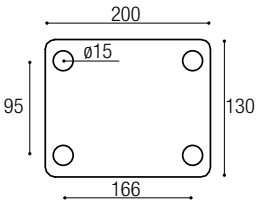



| Cod. | Materiale - Material - Matériel - Material | |
|---|---|---|
| 931C | AL-MG 5754 | 2 |

## Piastra forata 4 fori

Fixing plates with 4 holes
Plaque avec 4 trous
Lochplatte - 4 Bohrungen



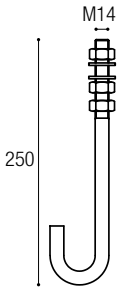



| Cod. | |
|---|---|
| 932 | 2 |

## Ancoranti

Anchors
Ancres
Anker



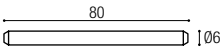



| Cod. | |
|---|---|
| 923 | 12 |

## Perni di giunzione

Connection joints
Pivot de raccord
Verbindungsbuchse



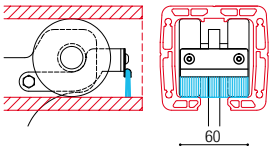



| Cod. | |
|---|---|
| 980P4 | 4 |

## Spazzolino per pulizia rotaia

Rail cleaning brush
Brosse pour le nettoyage des rails
Schienenreinigungsbürste



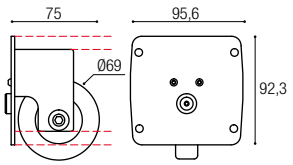



| Cod. | Materiale - Material - Matériel - Material | |
|---|---|---|
| 931SP | Inox AISI 304 | 2 |

## Ruota finecorsa in alluminio

Aluminium end wheel
Roue de fin de course en aluminium
Endsrolle aus Aluminium



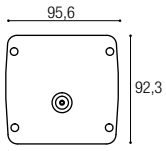



| Cod. | Cuscinetto - Bearing - Roulement - Lager | |
|---|---|---|
| 934 | Standard - Standard | 2 |
| 934X | Inox - Stainless steel - rostfreier | 2 |

## Tappo in alluminio per monorotaia

Aluminium cap for monorail
Bouchon en aluminium pour monorail
Aluminiumkappe für Einschienenbahn



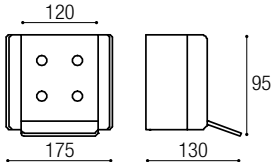



| Cod. | Materiale - Material - Matériel - Material | |
|---|---|---|
| 935 | AL-MG 5754 | 2 |

## Incontri per cantilever

Limit stops
Battents de fin de course pour cantilever
Flügel für Cantilever





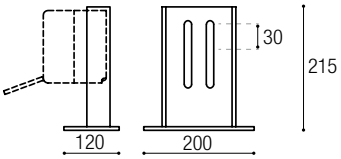

| Cod. | Materiale - Material - Matériel - Material | |
|---|---|---|
| 947 | Zincato - Galvanized steel - Galvanisé - verzinkt | 2 |
| 947X | Inox - Stainless Steel - Acier inoxydable - rostfreier | 2 |

## Supporti a fissare per incontri

Fixing brackets for limit stops
Supports à visser pour les battents de fin de course
Stütze zum Schweissen für Anschlag








| Cod. | Materiale - Material - Matériel - Material | |
|---|---|---|
| 947F | Zincato - Galvanized steel - Galvanisé - verzinkt | 2 |
| 947FX | Inox - Stainless Steel - Acier inoxydable - rostfreier | 2 |

# SERIE EASY

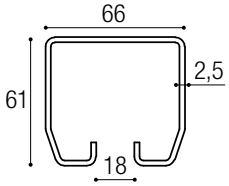
EASY SERIES
EASY SÉRIES
EASY LINIE

NOVITÀ
NEW NOUVEAU NEUHEIT

## Monorotaia

Monorail
Monorail
Einschienenbahn



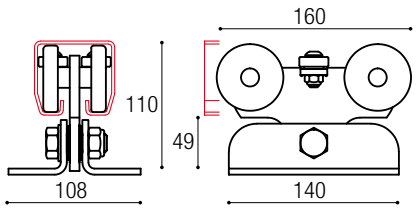



| Cod. | L m | Kg | Finitura<br>Finishing<br>Finition<br>Feinbearbeitung |
|---|---|---|---|
| 995/3 | 3 | 13,3 | zincata galvanized - galvanisé - verzinkt |
| 995/6 | 6 | 26,6 | zincata galvanized - galvanisé - verzinkt |

## Carrello portante 5 ruote

5 wheels carriages
Chariot autoportant avec 5 roues
5-Rollen Trägerwagen



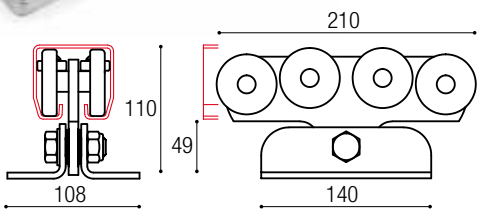



| Cod. | |
|---|---|
| 951 | 2 |

## Carrello portante 8 ruote

8 wheels carriages
Chariot autoportant avec 8 roues
8-Rollen Trägerwagen



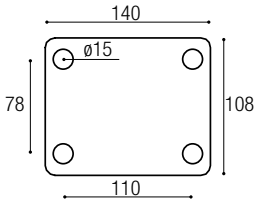



| Cod. | |
|---|---|
| 958 | 2 |

## Piastra forata 4 fori

Fixing plates with 4 holes
Plaque avec 4 trous
Lochplatte - 4 Bohrungen



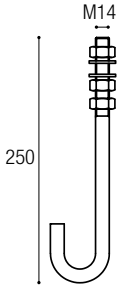



| Cod. | |
|---|---|
| 922 | 2 |

## Ancorante

Anchors
Ancres
Anker



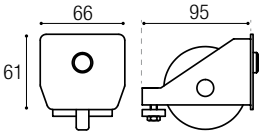



| Cod. | |
|---|---|
| 923 | 12 |

## Ruota terminale

End wheels
Roue terminale
Endrollen



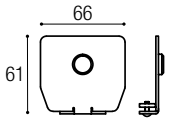



| Cod. | |
|---|---|
| 954 | 2 |

## Tappo in acciaio

Steel caps
Bouchon en acier
Stahlverschlusskappen



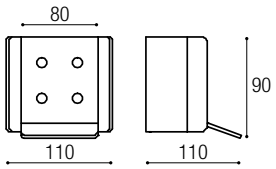



| Cod. | |
|---|---|
| 955 | 4 |

## Incontro per cantilever

Limit stops
Battent de fin de course pour cantilever
Flügel für Cantilever





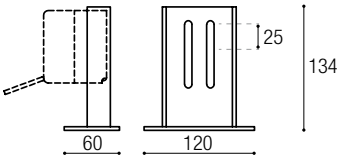

| Cod. | |
|---|---|
| 927 | 2 |

## Supporto a fissare per incontri

Fixing brackets for limit stops
Support à visser pour les battents de fin de course
Stütze zum Fixieren für Anschlag







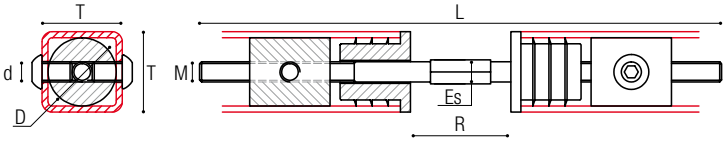

| Cod. | |
|---|---|
| 927F | 2 |

# TIRANTI PER CANCELLI AUTOPORTANTI

CANTILEVER ADJUSTMENT TIE-RODS
TIRANTS POUR PORTAILS AUTOPORTANTS
ZUGSTANGEN FÜR FREITRAGENDETORE






| Cod. | T | M | ES | R | L | d | D | B | |
|---|---|---|---|---|---|---|---|---|---|
| 940 | 40x40 | 10 | 12 | 30/100 | 260 | M10 | 35 | 40 | 2 |
| 960 | 60x60 | 18 | 19 | 40/120 | 300 | M12 | 54 | 50 | 2 |

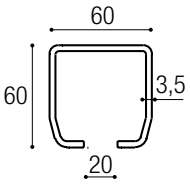
# SERIE BASE

BASE SERIES
SÉRIES BASE
BASE LINIE

## Monorotaie

Monorails
Monorails
Einschienen



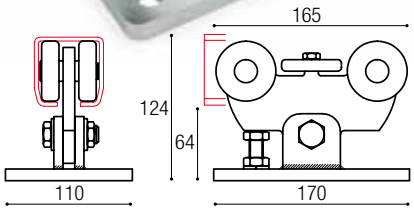



| Cod. | L m | Kg | Finitura<br>Finishing<br>Finition<br>Feinbearbeitung |
|---|---|---|---|
| 987/3 | 3 | 16 | zincata galvanized - galvanisé - verzinkt |
| 987/6 | 6 | 32 | zincata galvanized - galvanisé - verzinkt |
| 988/3 | 3 | 16 | nera black - noir - schwarz |
| 988/6 | 6 | 32 | nera black - noir - schwarz |

## Carrello portante 5 ruote

5 wheels carriages
Chariot autoportant avec 5 roues
5-Rollen Trägerwagen



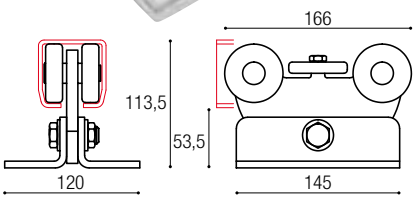



| Cod. | |
|---|---|
| 921 | 2 |

## Carrello portante 5 ruote

5 wheels carriages
Chariot autoportant avec 5 roues
5-Rollen Trägerwagen



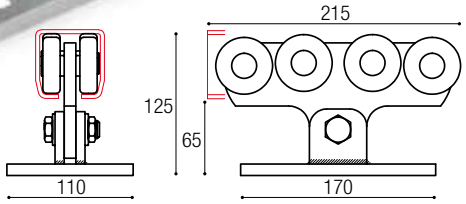



| Cod. | |
|---|---|
| 921-ER | 2 |

## Carrello portante 8 ruote

8 wheels carriages
Chariot autoportant avec 8 roues
8-Rollen Trägerwagen





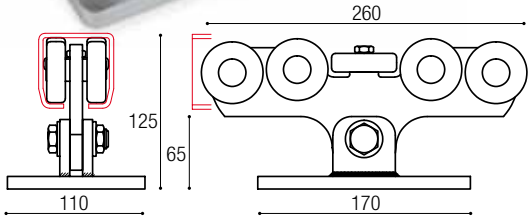

| Cod. | |
|---|---|
| 928 | 2 |

## Carrello portante 9 ruote

NOVITÀ
NEW NOUVEAU NEUHEIT

9 wheels carriages
Chariot autoportant avec 9 roues
9-Rollen Trägerwagen



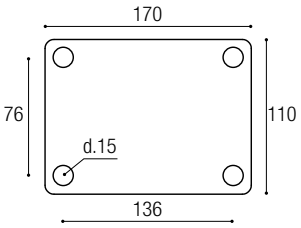



| Cod. | |
|---|---|
| 929 | 2 |

## Piastra forata 4 fori

Fixing plates with 4 holes
Plaque avec 4 trous
Lochplatte - 4 Bohrungen



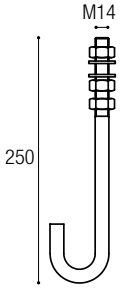



| Cod. | |
|---|---|
| 922 | 2 |

## Ancorante

Anchors
Ancres
Anker



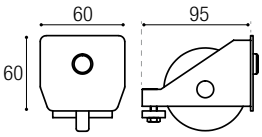



| Cod. | |
|---|---|
| 923 | 12 |

## Ruota terminale

End wheels
Roue terminale
Endrollen



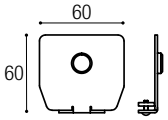



| Cod. | |
|---|---|
| 924 | 2 |

## Tappo in acciaio

Steel caps
Bouchon en acier
Stahlverschlusskappen



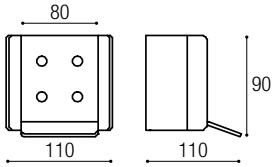



| Cod. | |
|---|---|
| 925 | 4 |

## Incontro per cantilever

Limit stops
Battent de fin de course pour cantilever
Flügel für Cantilever





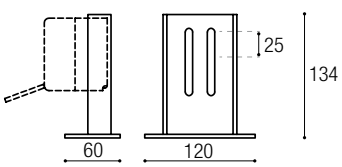

| Cod. | |
|---|---|
| 927 | 2 |

## Supporto a fissare per incontro

Fixing brackets for limit stops
Support à visser pour les battents de fin de course
Stütze zum Fixieren für Anschlag








| Cod. | |
|---|---|
| 927F | 2 |

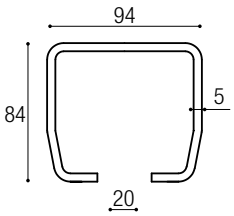
# SERIE STRONG

STRONG SERIES
SÉRIES STRONG
STRONG LINIE

## Monorotaie

Monorails
Monorails
Einschienen



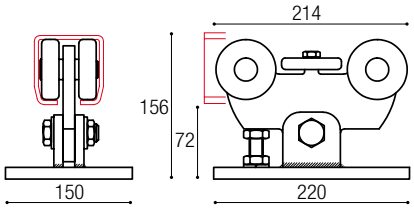



| Cod. | L m | Kg | Finitura<br>Finishing<br>Finition<br>Feinbearbeitung |
|---|---|---|---|
| 989/3 | 3 | 33 | zincata galvanized - galvanisé - verzinkt |
| 989/6 | 6 | 66 | zincata galvanized - galvanisé - verzinkt |
| 990/3 | 3 | 33 | nera black - noir - schwarz |
| 990/6 | 6 | 66 | nera black - noir - schwarz |

## Carrello portante 5 ruote

5 wheels carriages
Chariot autoportant avec 5 roues
5-Rollen Trägerwagen



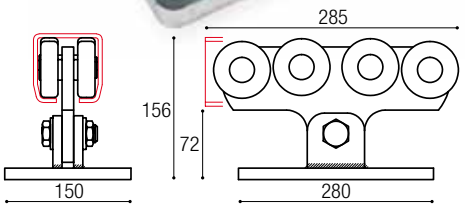



| Cod. | |
|---|---|
| 941 | 2 |

## Carrello portante 8 ruote

8 wheels carriages
Chariot autoportant avec 8 roues
8-Rollen Trägerwagen





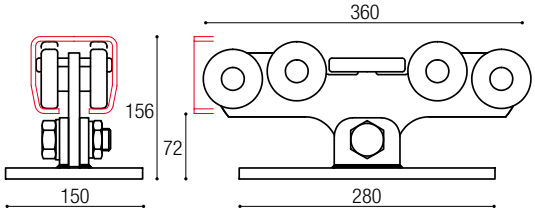

| Cod. | |
|---|---|
| 948 | 2 |

## Carrello portante 9 ruote

NOVITÀ
NEW NOUVEAU NEUHEIT

9 wheels carriages
Chariot autoportant avec 9 roues
9-Rollen Trägerwagen



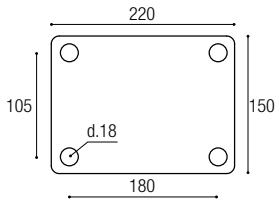



| Cod. | |
|---|---|
| 949 | 2 |

## Piastre forate

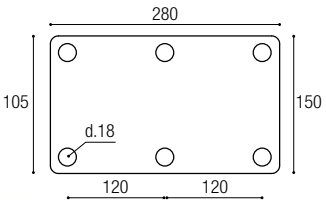
Fixing plates
Plaques perforées
Lochplatte






| Cod. | |
|---|---|
| 942/5 | 2 |



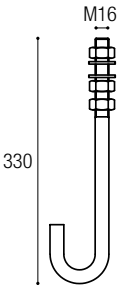



| Cod. | |
|---|---|
| 942/8 | 2 |

## Ancorante

Anchors
Ancres
Anker



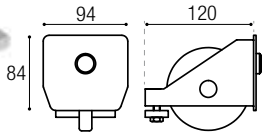



| Cod. | |
|---|---|
| 943 | 12 |

## Ruota terminale

End wheels
Roue terminale
Endrollen



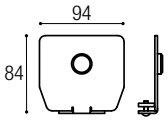



| Cod. | |
|---|---|
| 944 | 2 |

## Tappo in acciaio

Steel caps
Bouchon en acier
Stahlverschlusskappen



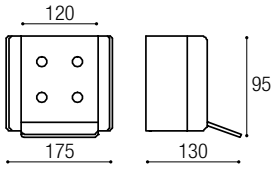



| Cod. | |
|---|---|
| 945 | 4 |

## Incontro per cantilever

Limit stops
Battent de fin de course pour cantilever
Flügel für Cantilever





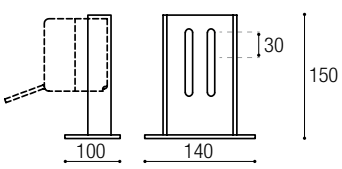

| Cod. | |
|---|---|
| 947 | 2 |

## Supporto a fissare per incontro

Fixing brackets for limit stops
Support à visser pour les battents de fin de course
Stütze zum Fixieren für Anschlag








| Cod. | |
|---|---|
| 947F | 2 |

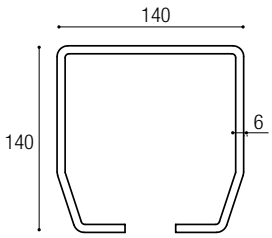
# SERIE HEAVY

HEAVY SERIES
SÉRIES HEAVY
HEAVY LINIE

## Monorotaie

Monorails
Monorails
Einschienen



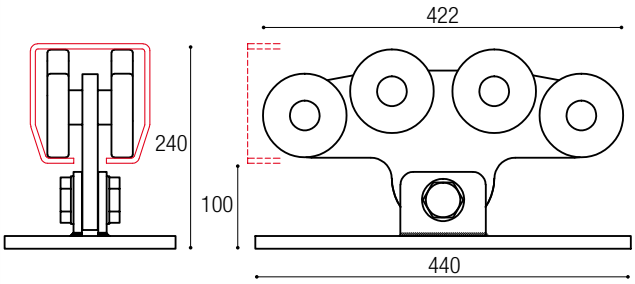



| Cod. | L m | Kg | Finitura<br>Finishing<br>Finition<br>Feinbearbeitung |
|---|---|---|---|
| 991/3 | 3 | 66 | zincata galvanized - galvanisé - verzinkt |
| 991/6 | 6 | 132 | zincata galvanized - galvanisé - verzinkt |
| 992/3 | 3 | 66 | nera black - noir - schwarz |
| 992/6 | 6 | 132 | nera black - noir - schwarz |

## Carrello portante 8 ruote

8 wheels carriages
Chariot autoportant avec 8 roues
8-Rollen Trägerwagen





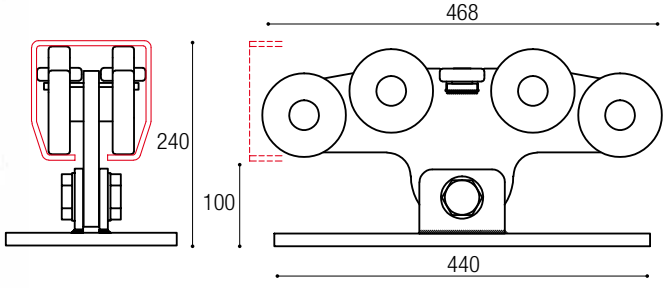

| Cod. | |
|---|---|
| 968 | 2 |

## Carrello portante 10 ruote

NOVITÀ
NEW NOUVEAU NEUHEIT

10 wheels carriages
Chariot autoportant avec 10 roues
10-Rollen Trägerwagen



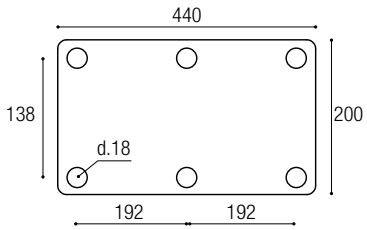



| Cod. | |
|---|---|
| 969 | 2 |

## Piastra forate 6 fori

Fixing plates with 6 holes
Plaque avec 6 trous
Lochplatte - 6 Bohrungen



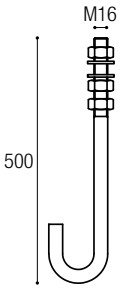



| Cod. | |
|---|---|
| 962/8 | 2 |

## Ancorante

Anchors
Ancres
Anker



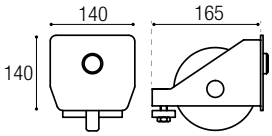



| Cod. | |
|---|---|
| 963 | 12 |

## Ruota terminale

End wheels
Roue terminale
Endrollen



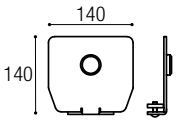



| Cod. | |
|---|---|
| 964 | 2 |

## Tappo in acciaio

Steel caps
Bouchon en acier
Stahlverschlusskappen



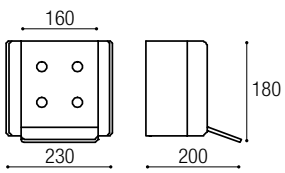



| Cod. | |
|---|---|
| 965 | 4 |

## Incontro per cantilever

Limit stops
Battent de fin de course pour cantilever
Flügel für Cantilever





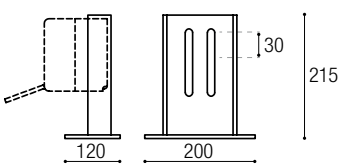

| Cod. | |
|---|---|
| 967 | 2 |

## Supporto a fissare per incontro

Fixing brackets for limit stops
Support à visser pour les battents de fin de course
Stütze zum Fixieren für Anschlag








| Cod. | |
|---|---|
| 967F | 2 |

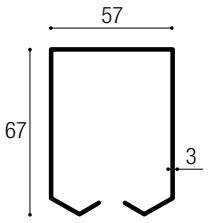
# SERIE LIGHT

LIGHT SERIES
SÉRIES LIGHT
LIGHT LINIE

## Monorotaia

Monorails
Monorails
Einschienen



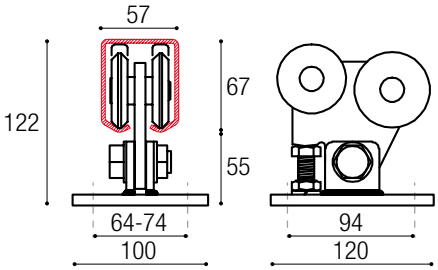



| Cod. | Kg | L m |
|---|---|---|
| 981/3 | 14,5 | 3 |
| 981/6 | 29 | 6 |

## Carrello portante 4 ruote

4 wheels carriages
Chariot autoportant avec 4 roues
4-Rollen Trägerwagen



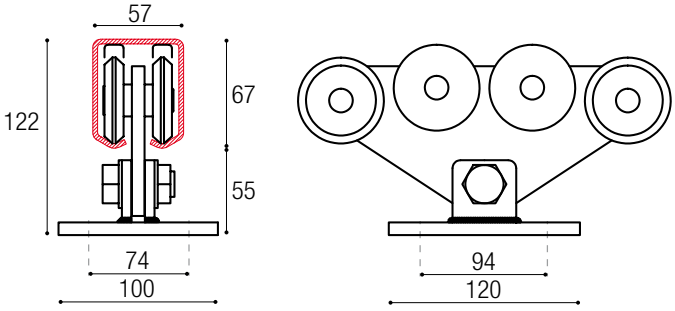



| Cod. | |
|---|---|
| 901 | 2 |

## Carrello portante 8 ruote

8 wheels carriages
Chariot autoportant avec 8 roues
8-Rollen Trägerwagen



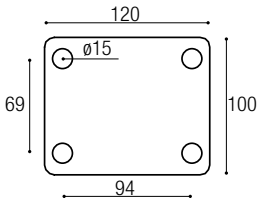



| Cod. | |
|---|---|
| 908 | 2 |

## Piastra forata 4 fori

Fixing plates with 4 holes
Plaque avec 4 trous
Lochplatte - 4 Bohrungen



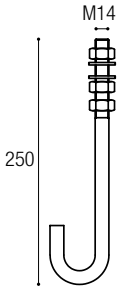



| Cod. | |
|---|---|
| 902 | 2 |

## Ancoranti

Anchors
Ancres
Anker



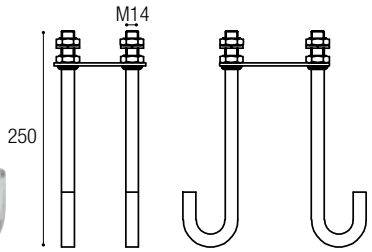



| Cod. | |
|---|---|
| 923 | 12 |

## Kit ancorante per art. 901

Anchor kit for art. 901
Kit de fixation pour art. 901
Verbundankerkit für Art. 901





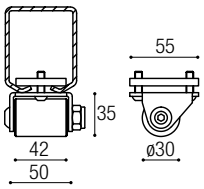

| Cod. | |
|---|---|
| 903 | 2 |

## Ruota terminale economica

Economic end-wheel
Roue terminale économique
billige Endrolle





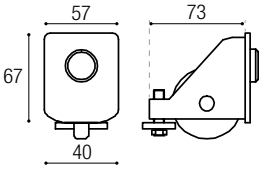



| Cod. | |
|---|---|
| 904-E | 2 |

## Ruota terminale

End wheels
Roue terminale
Endrollen



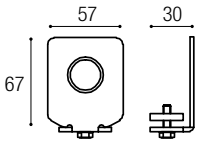



| Cod. | |
|---|---|
| 904 | 2 |

## Tappo in acciaio

Steel caps
Bouchon en acier
Stahlverschlusskappen



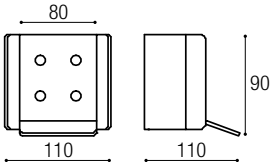



| Cod. | |
|---|---|
| 905 | 2 |

## Incontri per cantilever

Limit stops
Battent de fin de course pour cantilever
Flügel für Cantilever





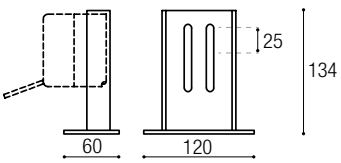

| Cod. | |
|---|---|
| 927 | 2 |

## Supporto a fissare per incontro

Fixing brackets for limit stops
Support à visser pour les battents de fin de course
Stütze zum Fixieren für Anschlag







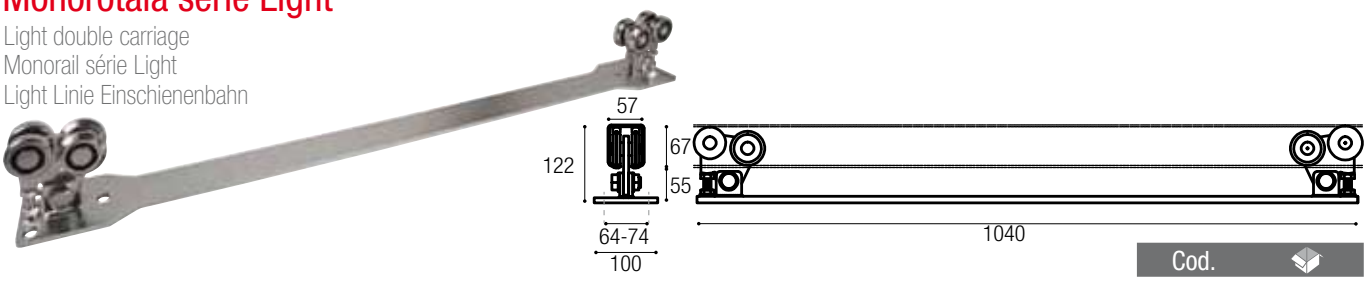

| Cod. | |
|---|---|
| 927F | 2 |

# SISTEMA MONOBLOCCO LIGHT

MONOBLOCK LIGHT SYSTEM
SYSTÈME MONOBLOCK LIGHT
LIGHT MONOBLOCK SYSTEM

## Monorotaia serie Light

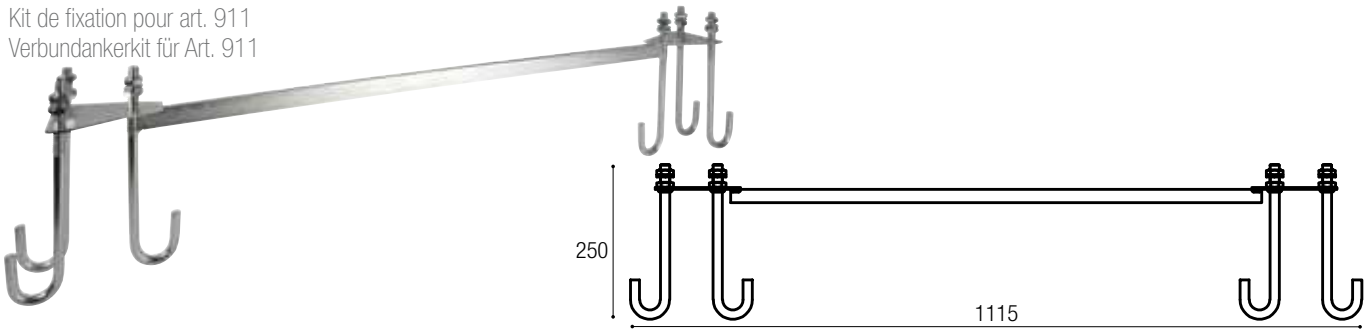
Light double carriage
Monorail série Light
Light Linie Einschienenbahn




| Cod. | |
|---|---|
| 911 | 1 |

## Kit ancorante per art. 911

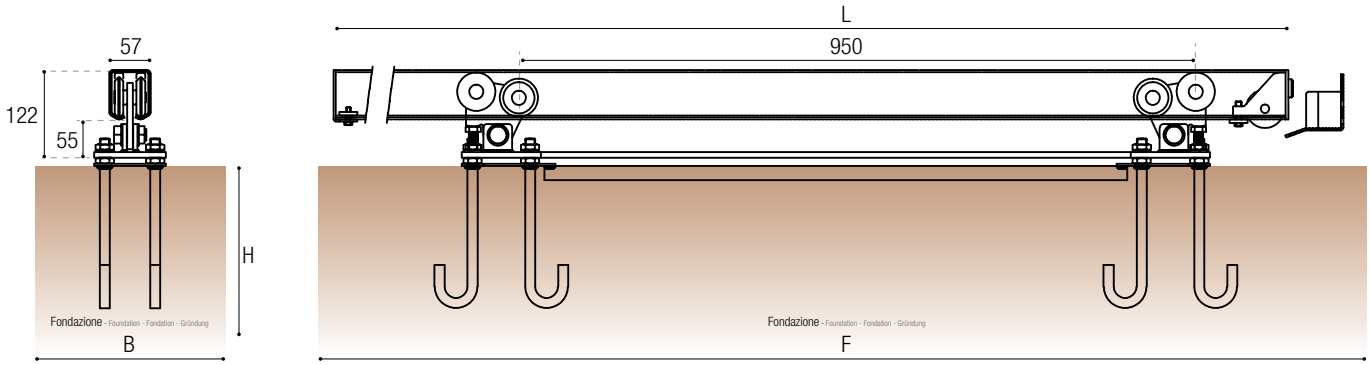
Anchor kit for art. 911
Kit de fixation pour art. 911
Verbundankerkit für Art. 911




| Cod. | |
|---|---|
| 913 | 1 |

## Massima apertura del cancello 4,5 m

Maximum gate opening: up to 4,5 m
Ouverture maximale du portail 4,5m
Maximale Toröffnung 4,5 m




**F max kg 670x2**
**C: 0,95**

| Apertura<br>Opening<br>Ovverture<br>Öffnung | L | Peso del cancello<br>Gate weight<br>Poids du portail<br>Toresgewicht | | Fondazione minima<br>Minimum foundation<br>Fondation minimale<br>Mindestfundament | Volume min.<br>Min. volume<br>Volume mim.<br>mind. Volumen | Dimensioni minime suggerite per le fondazioni<br>Suggested minimum foundation dimensions<br>Dimension minimum pour la fondation<br>Vorgeschlagene Mindestabmessungen für Fundamente | | |
|---|---|---|---|---|---|---|---|---|
| m | m | kg max tot. | kg max x m | Tot kg min. | mc | F m | B m | H m |
| 3 | 4,5 | 330 | 73 | 1300 | 0,60 | 2,00 | 0,45 | 0,67 |
| 3,5 | 5 | 300 | 60 | 1200 | 0,55 | 1,95 | 0,43 | 0,65 |
| 4 | 5,5 | 270 | 49 | 1100 | 0,50 | 1,90 | 0,42 | 0,63 |
| 4,5 | 6 | 240 | 40 | 1000 | 0,45 | 1,80 | 0,40 | 0,60 |

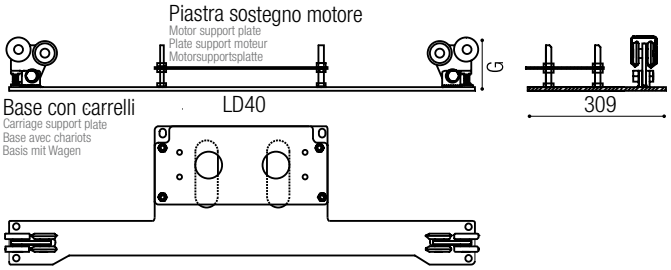
# SISTEMA MONOBLOCCO LIGHT PER CANCELLI MOTORIZZATI

MONOBLOCK LIGHT SYSTEM FOR MOTORISED GATES
SYSTÈME MONOBLOCK LIGHT POUR PORTAILS MOTORISÉS
LIGHT MONOBLOCK SYSTEM FÜR MOTORISIERTE TOREN

## Carrello portante doppio con piastra supporto motore

Light double carriage with support motor plate
Chariot de support double avec plaque de support moteur
Doppel Trägerwagen mit Platte für Motorsupport



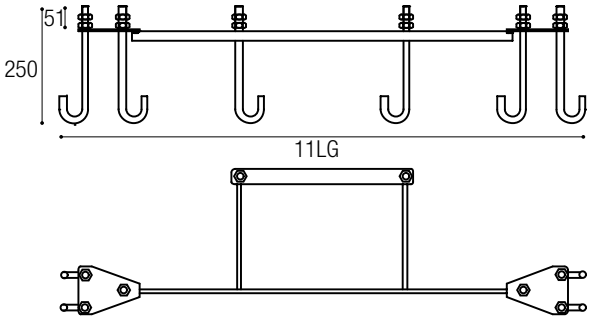



| Cod. | |
|---|---|
| 915 | 1 |

## Kit ancorante per art. 915

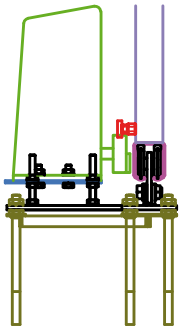
Anchor kit for art. 915
Kit de fixation pour art. 915
Verbundankerkit für Art. 915





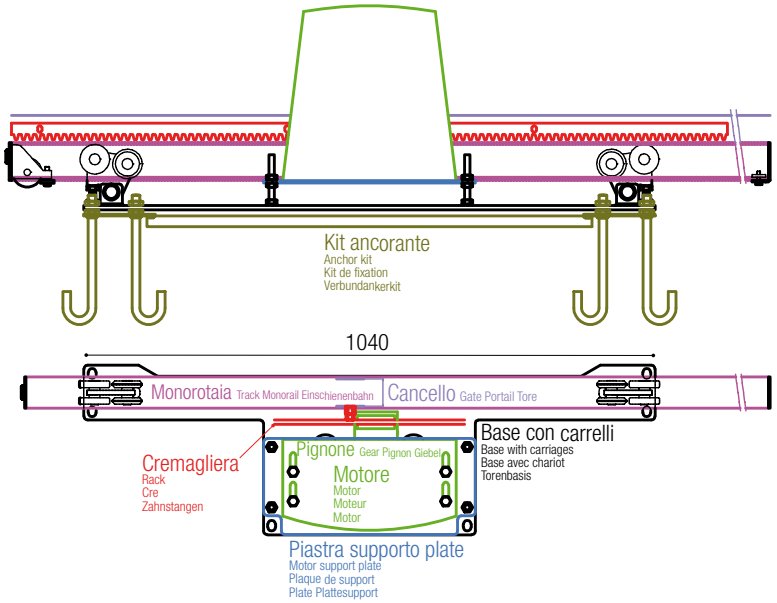

| Cod. | |
|---|---|
| 917 | 1 |











# SOLUZIONI PER CANCELLI AD ANTA

SWING GATE SOLUTIONS
SOLUTIONS POUR PORTAILS BATTANTS
PRODUKTE FÜR DREHTOR











# Soluzioni per cancelli ad anta
Swing gate solutions
Solution pour portails battants
Produkte für Drehtor


Cardini inferiori asse esterno 60
Lower hinges, external rotation
Gond inférieur, rotation externe
untere Torbänder - Außenachse

Cardini superiori asse esterno 62
Upper hinges, external rotation
Gond superieur, rotation externe
obere Torbänder - Außenachse

Cardini superiori senza accessori di fissaggio 66
Hinges without fixing accessories
Gond superieur sans accessoires de fixation
Obere Torbänder ohne Befestigungszubehör

Accessori per il fissaggio dei cardini 68
Hinge's accessories to fix
Accessoires pour la fixation des gonds
Zubehör zur Befestigung von Torbändern

Cardini superiori a passo fine 70
Upper HINGES with Ffine pitch thread
Gond superieur à pas fin
Obere Torbänder mit Feingewinde

Cardini per aperture a 180° 72
180° opening hinges
Gond ouverture 180°
Torbänder - 180° Weite

Cardini inferiori asse interno 75
Lower hinges, internal rotation
Gond inférieur, rotation interne
untere Torbänder - innere Achse

Chiudicancello a molla 76
Spring hinge
Charnière à ressort
Federtoreschließer

Cardini a collare e tronchetti 78
Round hinges and Stub pipes
Gond étrier et axe bout de jonction
Halstorbänder und Verbindungsstücke

Cardini con cuscinetto 80
Hinges with bearing
Gond avec roulement
Torbänder mit Lager

Accessori di sicurezza 84
Safety accessories
Accessoires de sécurité
Sicherheitszubehöre

Cerniere 86
Hinges
Charnières
Schaniere

Battenti per elettroserrature 88
Stops for electric stops
Battant pour serrure electrique
Anschlag für Electroschloss

Battenti per ante e fermacancelli 91
Gates stops for swing gates
Battent de fin de course pour portes et fermetures
Bodenanschlag für Flügel und türstopper

Copricolonna 95
Caps
Couvertures de colonne
Abdeckkappe

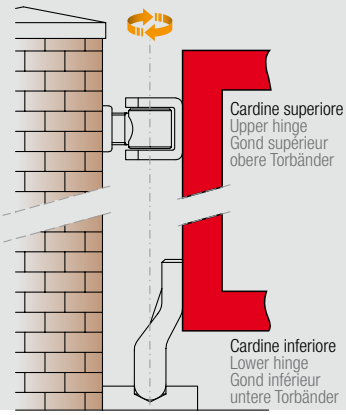
Serrature 98
Locks
Serrures
Schlosser






# CARDINI CON ASSE DI ROTAZIONE ESTERNO ALL'ANTA

HINGES WITH EXTERNAL AXIS OF ROTATION
GONDS AVEC AXE DE ROTATION À L'EXTÉRIEUR DE LA PORTE
TORBÄNDER MIT DREHACHSE AUSSEN AUF FLÜGEL

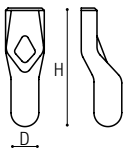



## Perno a saldare e bussola

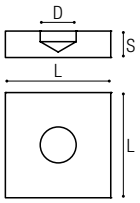
Pin to be welded and plate
Pivot à souder et douille
Anschweißstifte mit Buchse








| Cod. | D | H | |
|---|---|---|---|
| 200PE | 20 | 89 | 20 |
| 207PE | 23 | 98 | 10 |
| 208PE | 28 | 105 | 6 |



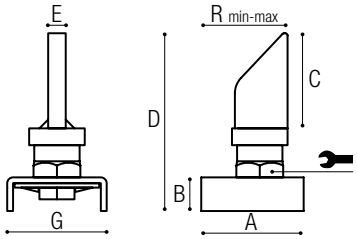

| Cod. | D | S | L | |
|---|---|---|---|---|
| 200BA | 20 | 15 | 60 | 10 |
| 207BA | 23 | 20 | 70 | 10 |
| 208BA | 28 | 20 | 80 | 6 |

## Cardini inferiori regolabili a saldare

Adjustable lower hinges to be welded
Gonds inférieur réglable a souder
Regelbare untere Torbänder zum Schweissen







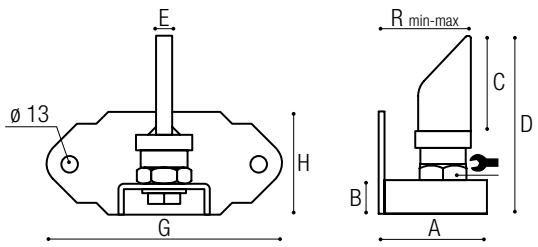

| Cod. | A | B | C | D | E | R min-max | G | | |
|---|---|---|---|---|---|---|---|---|---|
| 221 | 70 | 22 | 65 | 124 | 12 | 50-65 | 68 | 30 | 12 |
| 221L | 90 | 22 | 65 | 124 | 12 | 50-85 | 68 | 30 | 12 |
| 223 | 85 | 32 | 75 | 158 | 15 | 65-80 | 88 | 36 | 6 |

## Cardini inferiori regolabili a fissare

Adjustable lower hinges to be fixed
Gonds inférieurs réglables à visser
Regelbare untere Torbänder zum Befestigen








| Cod. | A | B | C | D | E | R min-max | G | H | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 215 | 75 | 22 | 65 | 120 | 12 | 55-75 | 160 | 70 | 30 | 6 |
| 217 | 85 | 32 | 75 | 155 | 15 | 70-85 | 170 | 80 | 36 | 4 |

## Cardini inferiori regolabili a fissare

Adjustable lower hinges to be fixed
Gonds inférieurs réglables à visser
Regelbare untere Torbänder zum Befestigen

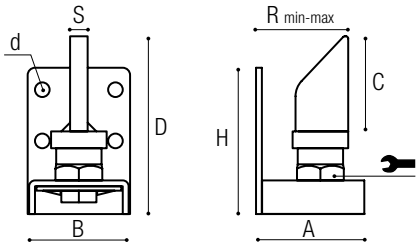




Cod. 623



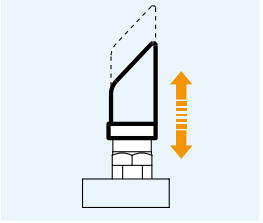
Cod. 621




| Cod. | A | B | C | D | d | H | S | R min-max | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 621 | 74 | 70 | 65 | 120 | 9 | 100 | 12 | 55-70 | 30 | 6 |
| 621L | 94 | 70 | 65 | 120 | 9 | 100 | 12 | 55-90 | 30 | 6 |
| 623 | 88 | 88 | 75 | 155 | 12,5 | 120 | 15 | 70-85 | 36 | 4 |

## Cardini inferiori con doppia regolazione a saldare

Double adjustment lower hinges to be welded
Gonds inférieurs avec double réglage à souder
Untere Torbänder mit doppelter Einstellung zum Schweissen

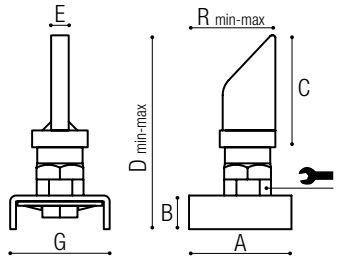




Cod. 323



Cod. 321

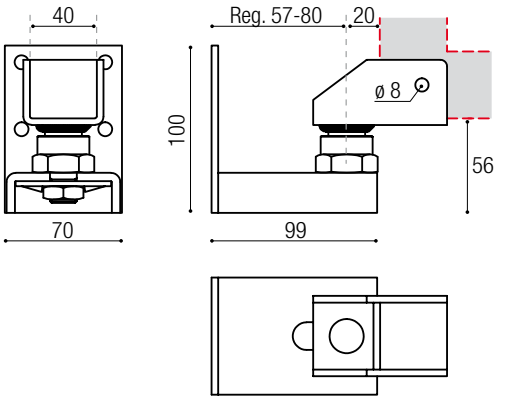



| Cod. | A | B | C | D min-max | E | R min-max | G | | |
|---|---|---|---|---|---|---|---|---|---|
| 321 | 70 | 22 | 65 | 130-138 | 12 | 50-65 | 68 | 30 | 12 |
| 323 | 85 | 32 | 75 | 168-180 | 15 | 65-80 | 88 | 36 | 4 |

## Cardine inferiore regolabile per fissaggio dell'anta

Abjustable lower hinge for fixing the swing
Gonds inférieurs réglables pour la fixation du porte
Regelbare untere Torbänder zur Flügelbefestigung

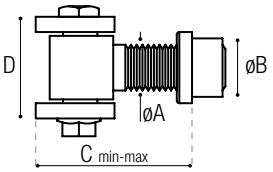





| Cod. | |
|---|---|
| 621F40 | 4 |

## Cardini superiori con alette e boccole a saldare

Upper hinges with wings and bushes to be welded
Gonds supérieurs avec ailettes et douille à souder
Obere Torbänder mit Flügel und Buchse zum Schweissen

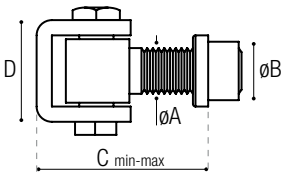





| Cod. | øA | øB | C min-max | D | |
|---|---|---|---|---|---|
| 199A | M16 | 23 | 42-63 | 40 | 12 |
| 200A | M18 | 24 | 42-65 | 40 | 12 |
| 205 | M20 | 25 | 42-70 | 40 | 12 |
| 222A | M22 | 28 | 50-75 | 50 | 6 |
| 206 | M24 | 30 | 50-80 | 50 | 6 |
| 227A | M27 | 35 | 55-85 | 60 | 6 |

## Cardini superiori con cavallotto e boccole a saldare

Upper hinges with bracket and bushes to be welded
Gonds supérieurs avec étrier et douille à souder
Obere Torbänder mit Klemme und Lagerringe zum Schweissen



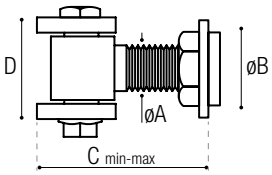



| Cod. | øA | øB | C min-max | D | |
|---|---|---|---|---|---|
| 699A | M16 | 23 | 42-63 | 40 | 12 |
| 700A | M18 | 24 | 43-65 | 40 | 12 |
| 705 | M20 | 25 | 43-70 | 40 | 12 |
| 722A | M22 | 28 | 50-75 | 48 | 6 |
| 706 | M24 | 30 | 50-80 | 48 | 6 |
| 727 | M27 | 35 | 55-85 | 58 | 6 |

## Cardini superiori con alette e boccole regolabili

Upper hinges with wings and adjustable bushes
Gonds supérieurs avec ailettes et douille réglables
Umstellbarere obere Torbänder mit Flügel und Buchse








Cod. 199R
Cod. 200R
Cod. 201MA

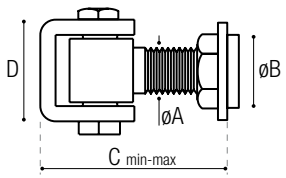


Cod. 222R
Cod. 203MA
Cod. 227R

| Cod. | øA | øB | C min-max | D | | |
|---|---|---|---|---|---|---|
| 199R | M16 | 32 | 42-63 | 40 | 32 | 12 |
| 200R | M18 | 32 | 42-65 | 40 | 32 | 12 |
| 201MA | M20 | 32 | 42-70 | 40 | 32 | 12 |
| 222R | M22 | 32 | 50-75 | 50 | 32 | 6 |
| 203MA | M24 | 40 | 50-80 | 50 | 41 | 6 |
| 227R | M27 | 40 | 55-85 | 60 | 41 | 6 |

## Cardini superiori con cavallotto e boccole regolabili

Upper hinges with bracket and adjustable bushes
Gonds supérieurs avec étrier et douille réglables
Obere Torbänder mit Klemme und Lagerringe - regelbar






Cod. 699R
Cod. 700R
Cod. 705R

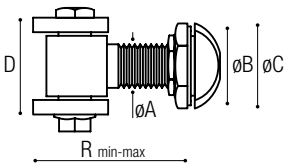


Cod. 722R
Cod. 706R
Cod. 727R

| Cod. | øA | øB | C min-max | D | | |
|---|---|---|---|---|---|---|
| 699R | M16 | 32 | 43-63 | 40 | 32 | 12 |
| 700R | M18 | 32 | 43-65 | 40 | 32 | 12 |
| 705R | M20 | 32 | 43-70 | 40 | 32 | 12 |
| 722R | M22 | 32 | 50-75 | 48 | 32 | 6 |
| 706R | M24 | 40 | 50-80 | 48 | 41 | 6 |
| 727R | M27 | 40 | 55-85 | 58 | 41 | 6 |

## Cardini superiori con alette e boccole easy-block

Upper hinges with wings and bushes easy-block
Gonds supérieurs avec ailettes et boite easy-block
Obere Torbänder mit Flügel und Easy-Block Lagerringe







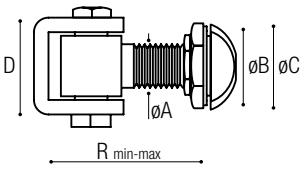
- Fissabile senza saldatura
  To fixing without weld
  Fixè sans soudure
  Ohne Schweissen feststellbar

| Cod. | øA | øB | øC | R min-max | D | Foro tubo<br>Tube hole<br>Trou colonne<br>Rohrbohrung | | |
|---|---|---|---|---|---|---|---|---|
| 200F | M18 | 29 | 35 | 45-70 | 40 | 29-30 | 32 | 12 |
| 205F | M20 | 33 | 40 | 48-75 | 40 | 31,5-32,5 | 36 | 12 |
| 222F | M22 | 33 | 40 | 48-75 | 50 | 31,5-32,5 | 36 | 12 |

## Cardini superiori con cavallotto e boccole easy-block

Upper hinges with bracket and bushes easy-block
Gonds supérieurs avec ètier et boite easy-block
Obere Torbänder mit Klemme und Easy-Block Lagerringe







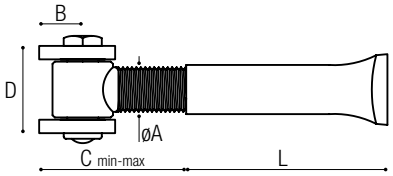


- Fissabile senza saldatura
  To fixing without weld
  Fixè sans soudure
  Ohne Schweissen feststellbar

| Cod. | øA | øB | øC | R min-max | D | Foro tubo<br>Tube hole<br>Trou colonne<br>Rohrbohrung | | |
|---|---|---|---|---|---|---|---|---|
| 700F | M18 | 29 | 35 | 45-70 | 40 | 29-30 | 32 | 12 |
| 705F | M20 | 33 | 40 | 48-75 | 40 | 31,5-32,5 | 36 | 12 |
| 722F | M22 | 33 | 40 | 48-75 | 48 | 31,5-32,5 | 36 | 12 |

## Cardini superiori con alette e manicotto

Upper hinges with wings and socket joint
Gonds supérieurs avec ailettes et machon
Obere Torbänder mit Flügel und Hülse

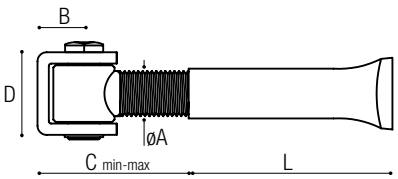





| Cod. | øA | B | C min-max | D | L | |
|---|---|---|---|---|---|---|
| 200M | M18 | 19,5 | 42-65 | 40 | 75 | 10 |
| 205M | M20 | 19,5 | 42-70 | 40 | 90 | 10 |

## Cardini superiori con cavallotto e manicotto a cementare

Upper hinges with bracket and socket joint to be cemented
Gonds supérieurs avec étrier et machon a cimenter
Obere Torbänder mit Klemme und Hülse zum Aufkohlen

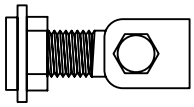


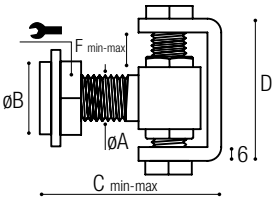


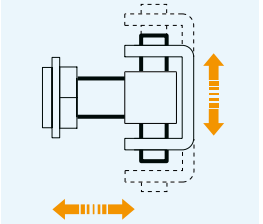

| Cod. | øA | B | C min-max | D | L | |
|---|---|---|---|---|---|---|
| 700M | M18 | 20,5 | 43-65 | 40 | 75 | 10 |
| 705M | M20 | 20,5 | 43-70 | 40 | 90 | 10 |

## Cardini superiori a passo grosso a doppia regolazione

Double adjustment upper hinges with bracket
Gonds supérieurs avec étrier et double réglage
Obere Torbänder Großgewinde mit Doppelregulierung







| Cod. | øA | øB | C min-max | D | F min-max | | |
|---|---|---|---|---|---|---|---|
| 301MA | M20 | 32 | 50-70 | 70 | 25 | 32 | 12 |
| 303MA | M24 | 40 | 70-80 | 80 | 30 | 41 | 6 |

# Cardini superiori con alette e piastra regolabile

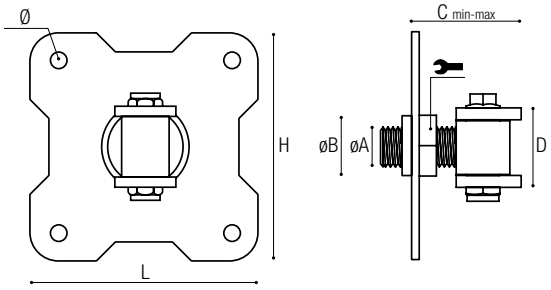
Upper hinges with wings and adjustable plate
Gonds supérieurs avec ailettes et plaque réglable
Umstellbarere obere Torbänder mit Flügel und Platte

Cod. 222P
Cod. 216P
Cod. 227P



Cod. 199P
Cod. 200P
Cod. 205P






| Cod. | øA | øB | C min-max | D | | L | H | Ø | |
|---|---|---|---|---|---|---|---|---|---|
| 199P | M16 | 32 | 42-63 | 40 | 32 | 70 | 100 | 9 | 6 |
| 200P | M18 | 32 | 42-65 | 40 | 32 | 70 | 100 | 9 | 6 |
| 205P | M20 | 32 | 42-70 | 40 | 32 | 70 | 100 | 9 | 6 |
| 222P | M22 | 32 | 50-75 | 50 | 32 | 120 | 120 | 13 | 4 |
| 216P | M24 | 40 | 50-80 | 50 | 41 | 120 | 120 | 13 | 4 |
| 227P | M27 | 40 | 55-85 | 60 | 41 | 140 | 140 | 13 | 4 |

# Cardini superiori con cavallotto e piastra regolabile

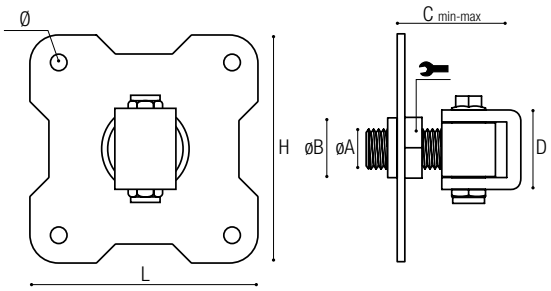
Upper hinges with bracket and adjustable plate
Gonds supérieurs avec étrier et plaque réglables
Obere Torbänder mit Klemme und Platte - regelbar

Cod. 722P
Cod. 706P
Cod. 727P



Cod. 699P
Cod. 700P
Cod. 705P



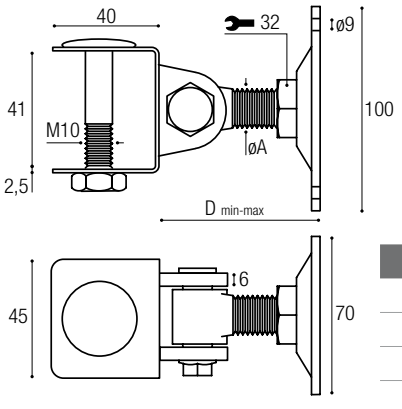



| Cod. | øA | øB | C min-max | D | | L | H | Ø | |
|---|---|---|---|---|---|---|---|---|---|
| 699P | M16 | 32 | 42-63 | 40 | 32 | 70 | 100 | 9 | 6 |
| 700P | M18 | 32 | 42-65 | 40 | 32 | 70 | 100 | 9 | 6 |
| 705P | M20 | 32 | 42-70 | 40 | 32 | 70 | 100 | 9 | 6 |
| 722P | M22 | 32 | 50-75 | 48 | 32 | 120 | 120 | 13 | 4 |
| 706P | M24 | 40 | 50-80 | 48 | 41 | 120 | 120 | 13 | 4 |
| 727P | M27 | 40 | 55-85 | 58 | 41 | 140 | 140 | 13 | 4 |

# Cardini superiori autofissanti e piastra regolabile

Self-fixing upper hinges and adjustable plate
Gonds supérieurs autofissable et plaque réglable
Selbstbefestigende obere Torbänder und verstellbare Platte



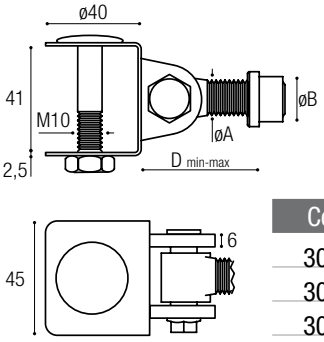



| Cod. | øA | D min-max | |
|---|---|---|---|
| 302P | M16 | 50-78 | 12 |
| 300P | M18 | 50-80 | 12 |
| 305P | M20 | 55-85 | 12 |

## Cardini superiori autofissanti e boccole a saldare

Self-fixing upper hinges and bushes to be welded
Gonds supérieurs autofissables et douille à souder
Obere selbstbefestigbare Torbänder und Lagerringe zum Schweissen



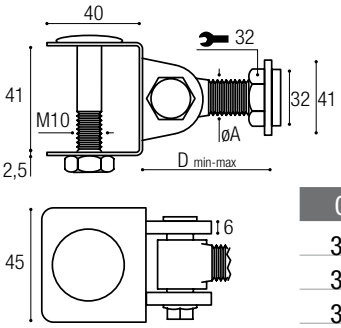



| Cod. | øA | øB | D min-max | |
|---|---|---|---|---|
| 302A | M16 | 23 | 40-68 | 12 |
| 300A | M18 | 24 | 40-70 | 12 |
| 305A | M20 | 25 | 42-72 | 12 |

## Cardini superiori autofissanti e boccole regolabili

Self-fixing upper hinges and adjustable bushes
Gonds supérieurs autofissables et douille réglable
Selbstbefestigende obere Torbänder und verstellbare Buchse



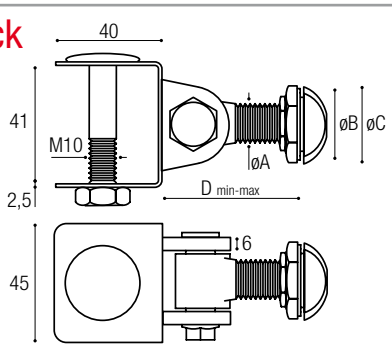



| Cod. | øA | D min-max | |
|---|---|---|---|
| 302R | M16 | 46-73 | 12 |
| 300R | M18 | 46-75 | 12 |
| 305R | M20 | 48-80 | 12 |

## Cardini superiori autofissanti e boccole easy-block

Self-fixing upper hinges and bushes easy-block
Gonds supérieurs autofissables et douille easy-block
Obere selbstbefestigbare Torbänder und Easy-Block Lagerringe





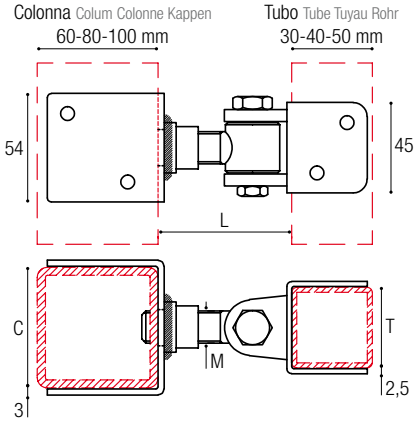

- Fissabile senza saldatura
  To fixing without weld
  Fixè sans soudure
  Ohne Schweissen feststellbar

| Cod. | øA | øB | øC | D min-max | Foro tubo<br>Tube hole<br>Trou colonne<br>Rohrbohrung | | |
|---|---|---|---|---|---|---|---|
| 300F | M18 | 29 | 35 | 48-73 | 29-30 | 32 | 12 |
| 305F | M20 | 33 | 40 | 51-78 | 31,5-32,5 | 36 | 12 |

## Cardine a doppio fissaggio

Double fixable hinge
Gonds à double fixation
Torbänder mit Doppelbefestigung






| Cod. | C colonna<br>Column<br>Colonne<br>Kappen | T tubo<br>Tube<br>Tuyau<br>Rohr | M | L | |
|---|---|---|---|---|---|
| 3060M16 | 60 | 30 | M16 | 56-67 | 4 |
| 3080M18 | 80 | 40 | M18 | 56-72 | 4 |
| 3100M20 | 100 | 50 | M20 | 56-77 | 4 |

# Cardini senza accessori di fissaggio

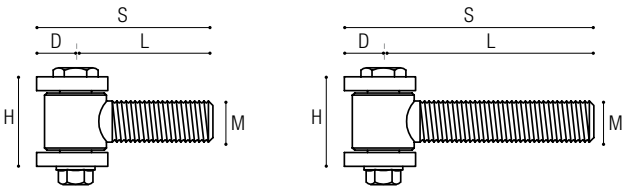
Hinges without fixing accessories
Charnières sans accessories de fixation
Torbänder ohne Festsetzungszubehöre

**Accessori pag. 68-69**
Accessories pag. 68-69
Accessories pag. 68-69
Zubehöre S. 68-69

## Cardine con alette

Hinge with fins
Charnière avec ailettes
Torbänder mit Lamellen



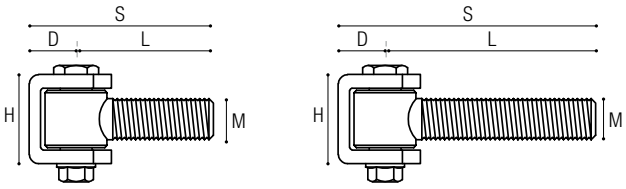



| Cod. | M | L | D | S | H | |
|---|---|---|---|---|---|---|
| 199ASD | 16 | 55 | 20 | 75 | 38 | 20 |
| 200ASD | 18 | 60 | 20 | 80 | 38 | 20 |
| 205SD | 20 | 65 | 20 | 85 | 38 | 20 |
| 222ASD | 22 | 70 | 25 | 95 | 52 | 12 |
| 206SD | 24 | 75 | 25 | 100 | 52 | 12 |
| 227ASD | 27 | 80 | 28,5 | 108,5 | 60 | 6 |
| 200ASD.110 | 18 | 110 | 20 | 130 | 38 | 12 |
| 222ASD.130 | 22 | 130 | 25 | 155 | 52 | 8 |

## Cardine con cavallotto

Hinge with bolt
Charnière avec étrier
Torbänder mit Klemme



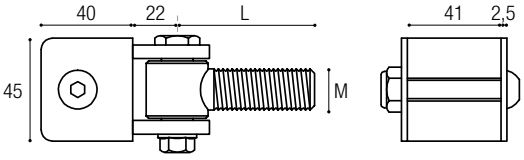



| Cod. | M | L | D | S | H | |
|---|---|---|---|---|---|---|
| 699ASD | 16 | 55 | 20,5 | 75,5 | 38 | 20 |
| 700ASD | 18 | 60 | 20,5 | 80,5 | 38 | 20 |
| 705SD | 20 | 65 | 20,5 | 85,5 | 38 | 20 |
| 722ASD | 22 | 70 | 27,5 | 97,5 | 48 | 12 |
| 706SD | 24 | 75 | 27,5 | 102,5 | 48 | 12 |
| 727SD | 27 | 80 | 30 | 110 | 58 | 6 |
| 700ASD.110 | 18 | 110 | 20,5 | 130,5 | 38 | 12 |
| 722ASD.130 | 22 | 130 | 27,5 | 157,5 | 48 | 8 |

## Cardine autofissante

Self-fixing hinge
Charnière auto-fixante
Selbstbefestigendes Torbänder



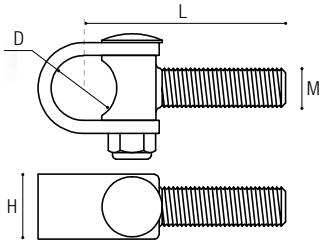



| Cod. | M | L | |
|---|---|---|---|
| 302ASD | 16 | 55 | 10 |
| 300ASD | 18 | 60 | 10 |
| 305ASD | 20 | 65 | 10 |

## Cardine a collare

Collar hinge
Charnière à collier
Kragentorbänder ohne Mutter



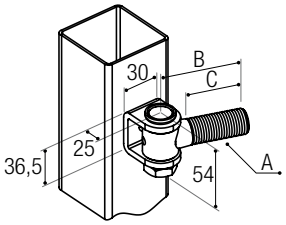



| Cod. | M | L | D | H | |
|---|---|---|---|---|---|
| 410/18SD | 18 | 93 | 30 | 30 | 12 |
| 410SD | 20 | 98 | 30 | 30 | 12 |
| 412/22SD | 22 | 108 | 35 | 35 | 8 |
| 412SD | 24 | 113 | 35 | 35 | 8 |
| 412/27SD | 27 | 123 | 35 | 40 | 6 |

## Cardine zincato a caldo

Hinges hot-dip galvanized
Gonds galvanisé à chaud
Torbänder heißverzinkt

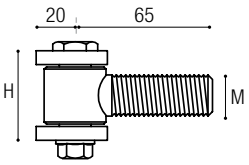





| Cod. | Kg | A | B | C | |
|---|---|---|---|---|---|
| 699ZC | 150 | M16 | 65 | 47 | 12 |
| 705ZC | 300 | M20 | 67 | 45 | 12 |

## Cardini inox o alluminio

Stainless steel or alluminium hinges
Gonds en acier inoxydable ou en aluminium
Torbänder aus Edelstahe oder Aluminium




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Inox



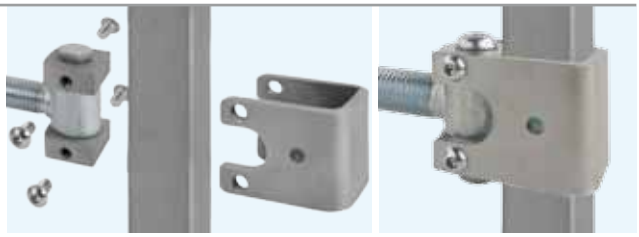

AL



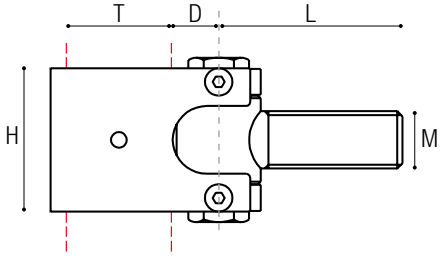

| | Cod. | M | H | Rif. | |
|---|---|---|---|---|---|
| • Inox | 202/16 | 16 | 39 | P4FR16-55 | 10 |
| | 202/18 | 18 | 39 | P4FR18-55 | 10 |
| | 202/20 | 20 | 39 | P4FR20-55 | 10 |
| • Alluminio<br>Alluminium<br>Aluminium<br>Aluminium | 204/16 | 16 | 47 | P4FR16-55 | 10 |
| | 204/18 | 18 | 47 | P4FR18-55 | 10 |
| | 204/20 | 20 | 47 | P4FR20-55 | 10 |

## Cardine a fascetta per tubi quadri

Clamp-hinge for square tube.
Gond avec bande pour tuyaux carrés
Torbänder mit Binde für Quadrat





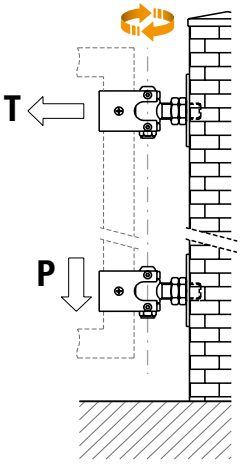

| Cod. | T tubo<br>Tube<br>Tuyau<br>Rohr | M | L | D | H | |
|---|---|---|---|---|---|---|
| Q30M16 | 30x30 | M16 | 55 | 20 | 48 | 8 |
| Q40M18 | 40x40 | M18 | 60 | 20 | 48 | 8 |
| Q40M20 | 40x40 | M20 | 65 | 20 | 48 | 8 |
| Q50M24 | 50x50 | M24 | 75 | 25 | 60 | 4 |

• Altre combinazioni su richiesta
Other combinations on request
Autres combinaisons sur demande
Andere Kombinationen nach Anfrage

- Semplice e rapido fissaggio sul tubolare dell'anta già zincata o verniciata. Esclude la saldatura.
- Alta resistenza ai carichi applicati.
- Quick and easy mounting on tubular of the leaf already galvanized or painted. Excludes welds.
- High resistance to the applied loads.
- Montage rapide et facile sur le tubolaire de la porte déjà galvanisé ou vernie. Soudage exclu.
- Haute résistence aux charge appliquées.
- Einfache und schnelle Befestigung an der bereits verzinkten oder lackierten Rohrtür. Ohne Schweißen.
- Zugfestigkeit der Belastung

## Caratteristiche tecniche per applicazioni a doppio cardine

Technical charateristics for application with double hinge
Caracteristiques tehcniques pour applications a double gonds
Technischen Merkmale für Anwendungen mit Doppeltorband



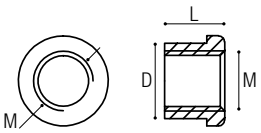
# ACCESSORI PER FISSAGGIO CARDINI

HINGE'S ACCESSORIES
ACCESSOIRES POUR GONDS
ZUBEHÖRE FÜR TORBÄNDER

## Boccole fisse

Not adjustable bolt
Douille fixe
Feste Buchse



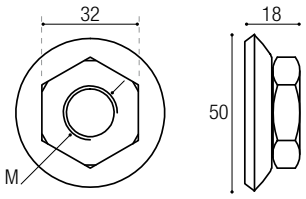



| Cod. | M | D | L | |
|---|---|---|---|---|
| DFM16 | 16 | 23 | 17 | 20 |
| DFM18 | 18 | 24 | 18 | 20 |
| DFM20 | 20 | 25 | 20 | 20 |
| DFM22 | 22 | 28 | 22 | 20 |
| DFM24 | 24 | 30 | 25 | 20 |
| DFM27 | 27 | 35 | 27 | 20 |

## Boccole regolabili

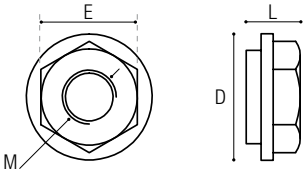
Adjustable bolt
Douilles réglables
Regelbare Buchse






| Cod. | M | |
|---|---|---|
| DRS16 | 16 | 20 |
| DRS18 | 18 | 20 |
| DRS20 | 20 | 20 |



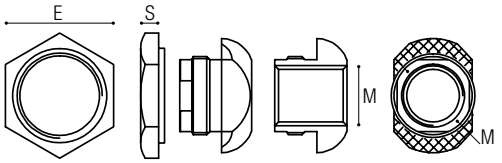



| Cod. | M | E | D | L | |
|---|---|---|---|---|---|
| DRM18 | 18 | 32 | 42 | 18 | 20 |
| DRM20 | 20 | 32 | 42 | 18 | 20 |
| DRM22 | 22 | 32 | 42 | 18 | 20 |
| DRM24 | 24 | 40 | 53 | 22 | 20 |
| DRM27 | 27 | 40 | 53 | 22 | 20 |

## Easy block

Easy block
Easy block
Easy block



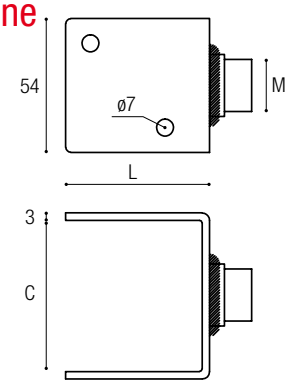



| Cod. | M | E | S | Foro tubo<br>Tube hole<br>Trou colonne<br>Rohrbohrung | |
|---|---|---|---|---|---|
| DAF18 | 18 | 32 | 5,5 | 29-30 | 20 |
| DAF20 | 20 | 36 | 6 | 31,5-32,5 | 20 |
| DAF22 | 22 | 36 | 6 | 31,5-32,5 | 20 |

## Staffa di aggancio alle colonne

Mounting bracket to the columns
Support de montage pour colonnes
Klemmhalter an den Säulen



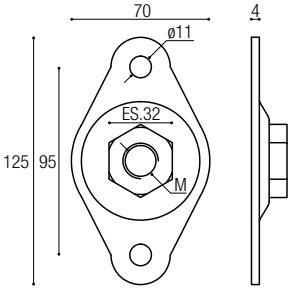



| Cod. | M | C | L | |
|---|---|---|---|---|
| SM16 | 16 | 61 | 57 | 10 |
| SM18 | 18 | 81 | 77 | 10 |
| SM20 | 20 | 101 | 97 | 10 |

## Piastre regolabili a 2 fori

Adjustables plates
Plaques réglables
Regelbare Platte





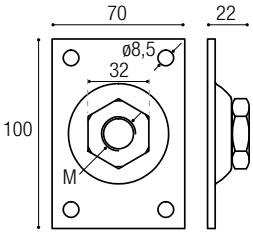

| Cod. | M | |
|---|---|---|
| P2FR16 | 16 | 10 |
| P2FR18 | 18 | 10 |
| P2FR20 | 20 | 10 |

# Piastre regolabili a 4 fori

Adjustables plates
Plaques réglables
Regelbare Platte



Inox

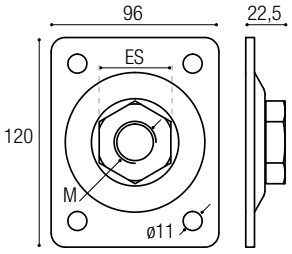



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| Cod. | M | |
|---|---|---|
| P4FR12 | 12 | 10 |
| P4FR16 | 16 | 10 |
| P4FR18 | 18 | 10 |
| P4FR20 | 20 | 10 |

| Cod. **INOX** | M | |
|---|---|---|
| P4FR12-I | 12 | 10 |
| P4FR16-I | 16 | 10 |
| P4FR18-I | 18 | 10 |
| P4FR20-I | 20 | 10 |





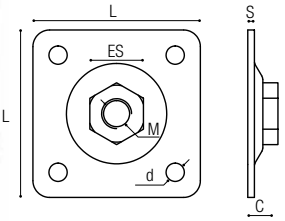

NOVITÀ NEW NOUVEAU NEUHEIT

| Cod. | M | ES | |
|---|---|---|---|
| P4FR22 | 22 | 32 | 10 |
| P4FR24 | 24 | 41 | 10 |
| P4FR27 | 27 | 41 | 10 |

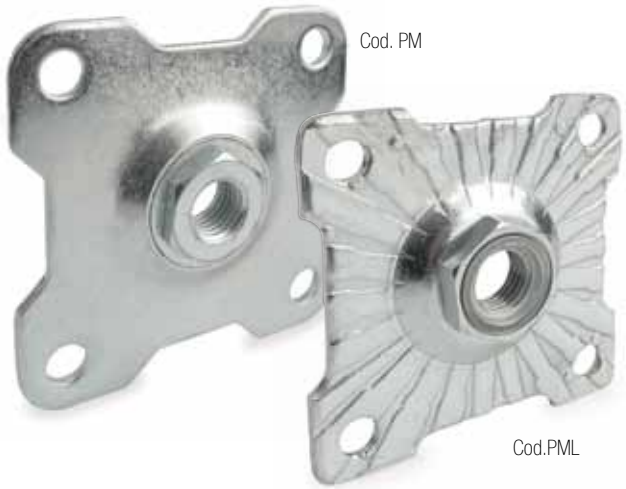


M16

M22




| Cod. | M | ES | L | d | S | C | |
|---|---|---|---|---|---|---|---|
| P4FM16 | 16 | 32 | 100 | 11 | 4 | 18 | 10 |
| P4FM18 | 18 | 32 | 100 | 11 | 4 | 18 | 10 |
| P4FM20 | 20 | 32 | 100 | 11 | 4 | 18 | 10 |
| P4FM22 | 22 | 32 | 100 | 11 | 4 | 20 | 10 |
| P4FM24 | 24 | 41 | 120 | 13 | 5 | 22 | 6 |
| P4FM27 | 27 | 41 | 120 | 13 | 5 | 22 | 6 |



Cod. PM

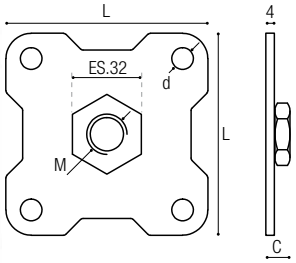
Cod.PML

- Per cancelli in ferro battuto
  For wrought iron gates
  Pour portails à fer battu
  Für schmiedeiserne tore

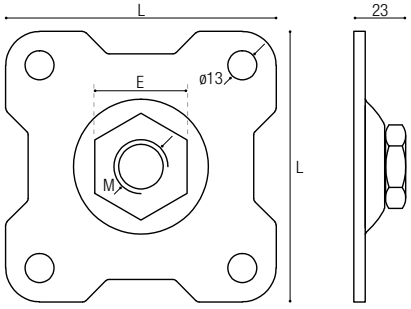


Cod. PL20
Cod. PL22

Cod. PL18




| Cod. | M | L | d | C | |
|---|---|---|---|---|---|
| PL18 | 18 | 100 | 11 | 17 | 10 |
| PL20 | 20 | 120 | 13 | 18 | 10 |
| PL22 | 22 | 120 | 13 | 18 | 10 |




| Codice lisci<br>Plain code<br>Code lisse<br>Glatt | Codice decorati<br>Decorated code<br>Code décoré<br>Dekoriert | M | E | L | |
|---|---|---|---|---|---|
| PM20 | PML20 | 20 | 32 | 120 | 10 |
| PM22 | PML22 | 22 | 32 | 120 | 10 |
| PM24 | PML24 | 24 | 41 | 140 | 6 |
| PM27 | PML27 | 27 | 41 | 140 | 6 |

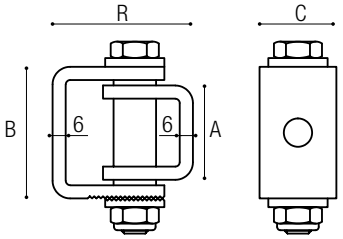
# CERNIERA REGOLABILE A SALDARE

ADJUSTABLE HINGE TO BE WELDED
CHARNIÈRE RÉGLABLE À SOUDER
EINSTELLBARES SCHARNIER ZUM SCHWEISSEN





NOVITÀ NEW NOUVEAU NEUHEIT




| Cod. | R | A | B | C | |
|---|---|---|---|---|---|
| 523P | 52-61 | 30 | 45 | 30 | 10 |
| 523G | 53-64 | 43 | 60 | 35 | 5 |

# CARDINI A PASSO FINE

HINGES WITH FINE PITCH THREAD
GONDS À PAS FIN
TORBÄNDER MIT FEINGEWINDE

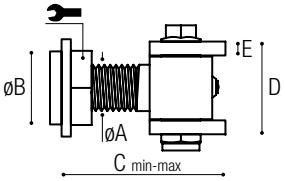
## Cardini superiori a passo fine con alette e boccole regolabili

Upper hinges with fine pitch thread, wings and adjustable bushes
Gonds supérieurs avec ailettes et douille réglables
Obere Torbänder mit Feingewinde mit verstellbaren Rippen und Buchse










| Cod. | øA | øB | C min-max | D | E | | |
|---|---|---|---|---|---|---|---|
| 201 | 20x1.5 | 32 | 42-60 | 40 | 6 | 32 | 12 |
| 203 | 24x2 | 40 | 50-75 | 50 | 8 | 41 | 6 |

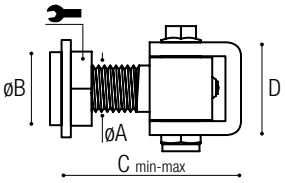
## Cardini superiori a passo fine con cavallotto e boccole regolabili

Upper hinges with fine pitch thread, bracket and adjustable bushes
Gonds supérieurs à étrier et douille réglables
Obere Torbänder mit Feingewinde und verstellbaren Buchsen







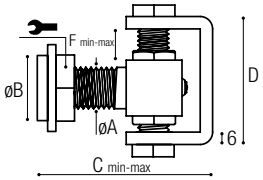


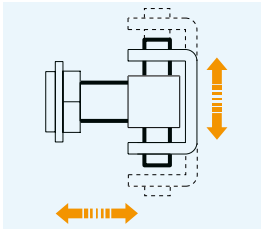

| Cod. | øA | øB | C min-max | D | | |
|---|---|---|---|---|---|---|
| 701 | 20x1.5 | 32 | 50-70 | 40 | 32 | 12 |
| 703 | 24x2 | 40 | 60-80 | 48 | 41 | 6 |

## Cardini superiori a passo fine con cavallotto e doppia regolazione

Upper hinges with fine pitch thread, bracket and double-adjustment
Gonds supérieurs et douille avec double réglage
Obere Torbänder mit Gewinde, Klemme und Doppelregulierung





| Cod. | øA | øB | C min-max | D | F min-max | | |
|---|---|---|---|---|---|---|---|
| 301 | 20x1,5 | 32 | 50-70 | 70 | 25 | 32 | 12 |
| 303 | 24x2 | 40 | 70-80 | 80 | 30 | 41 | 6 |

## Cardini superiori a passo fine con piastra regolabile

Upper hinges with fine pitch thread, wings and adjustable plate
Gonds supérieurs avec ailettes et plaque réglable
Obere Torbänder mit Feingewinde und verstellbaren Platte



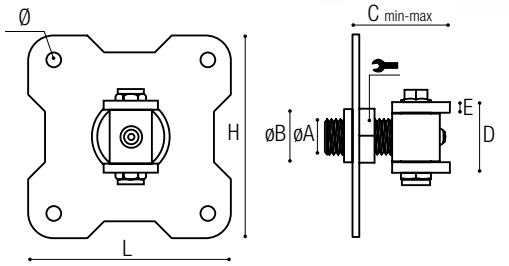
Cod. 601



Cod. 214



Cod. 603




- Con alette
  With wings
  Avec ailettes
  Mit Rippen

| Cod. | øA | øB | C min-max | D | E | | L | H | Ø | |
|---|---|---|---|---|---|---|---|---|---|---|
| 601 | 20x1.5 | 32 | 50-70 | 40 | 6 | 32 | 70 | 100 | 9 | 6 |
| 214 | 20x15 | 32 | 45-65 | 40 | 6 | 32 | 120 | 120 | 13 | 6 |
| 603 | 24x2 | 40 | 60-80 | 50 | 8 | 41 | 120 | 120 | 13 | 4 |



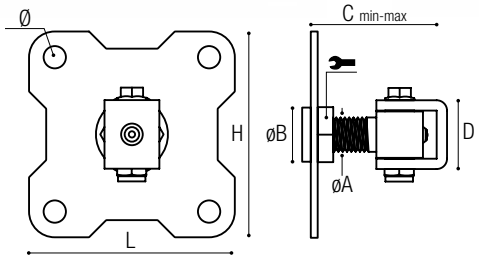
Cod. 601C



Cod. 714



Cod. 603C




- Con cavallotto
  With bracket
  Avec étrier
  Mit Klemme

| Cod. | øA | øB | C min-max | D | | L | H | Ø | |
|---|---|---|---|---|---|---|---|---|---|
| 601C | 20x1.5 | 32 | 50-70 | 40 | 32 | 70 | 100 | 9 | 6 |
| 714 | 20x1.5 | 32 | 45-65 | 40 | 32 | 120 | 120 | 13 | 6 |
| 603C | 24x2 | 40 | 60-90 | 48 | 41 | 120 | 120 | 13 | 4 |

# CARDINI A REGOLAZIONE ORTOGONALE

DOUBLE-ADJUSTMENT HINGES
CHARNIÈRES À RÉGLAGE ORTHOGONAL
TORBÄNDER MIT ORTHOGONALER EINSTELLUNG

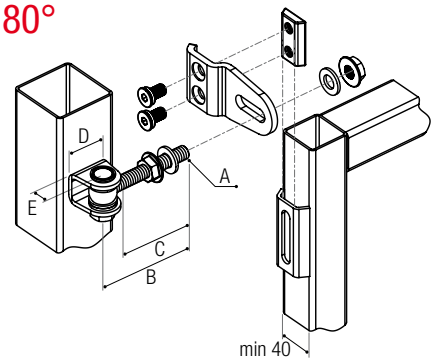


## Cardini zincati a caldo a regolazione multipla - Per aperture a 180°

Hot-dip galvanized hinges with multiple adjustment - For 180° openings
Charnières galvanisées à chaud avec réglage multiple - Pour ouvertures à 180°
Heißverzinkte Torbänder mit Mehrfachverstellung - Für 180° Öffnungen



dx - sx



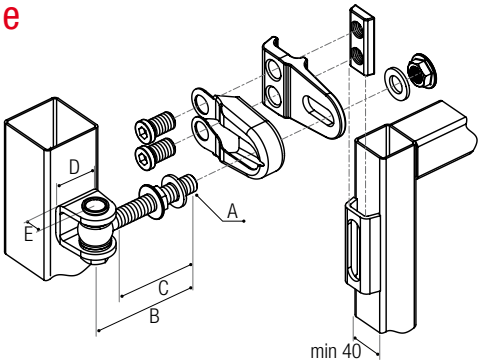

| Cod. | A | B | C | D | E | Portata kg<br>Capacity<br>Capacité<br>Kapazität | |
|---|---|---|---|---|---|---|---|
| 186/12 | M12 | 90 | 70 | 35 | 24 | 100 | 4 |
| 186/16 | M16 | 110 | 85 | 40 | 30 | 200 | 4 |

## Cardini in versione di sicurezza, con coperchio anti effrazione

Hinges in safety version, with anti-burglary lid
Charnières en version de sécurité, avec couvercle anti-effraction
Sicherheitstorbänder mit einbruchhemmendem Deckel



dx - sx

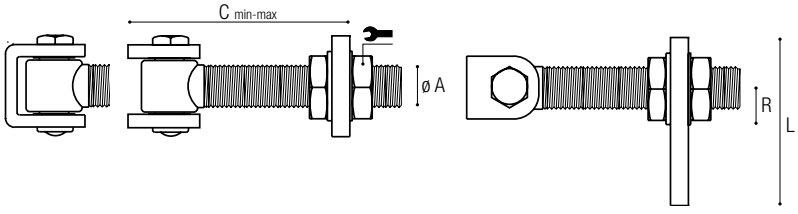



| Cod. | A | B | C | D | E | Portata kg<br>Capacity<br>Capacité<br>Kapazität | |
|---|---|---|---|---|---|---|---|
| 189/12 | M12 | 90 | 70 | 35 | 24 | 100 | 4 |
| 189/16 | M16 | 110 | 85 | 40 | 30 | 200 | 4 |

## Cardini con piastra a saldare

Hinges with solder plate
Charnières avec plaque à souder
Torbänder mit Platte zum Anschweißen






| | Cod. | øA | C min-max | R | L | | |
|---|---|---|---|---|---|---|---|
| Con alette | 187 | 18MA | 56-115 | 20 | 80 | 27 | 6 |
| With wings - Avec ailettes - Mit Rippen | 188 | 22MA | 65-140 | 22 | 105 | 32 | 6 |
| Con cavallotto | 187C | 18MA | 56-116 | 20 | 80 | 27 | 6 |
| With bracket - Avec étrier - Mit Klemme | 188C | 22MA | 65-140 | 22 | 105 | 32 | 6 |

# CARDINI PER APERTURE A 180°

HINGES FOR 180° OPENINGS
GONDS POUR OUVERTURES 180°
TORBÄNDER FÜR 180° - ÖFFNUNGEN





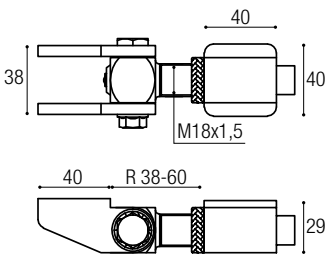
## Cardini regolabili a saldare per apertura 180°

PATENTED
by rolling center

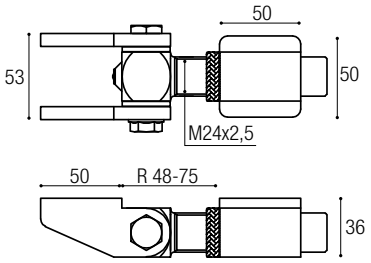
Adjustable hinges to be welded for 180° openings
Gonds supérieurs à sauder pour ouverture a 180°
Regulierbare Torbänder zum Schweißen - 180° Weite








Cod. 190




Cod. 1900

| Cod. | |
|---|---|
| 190 | 12 |
| 1900 | 6 |

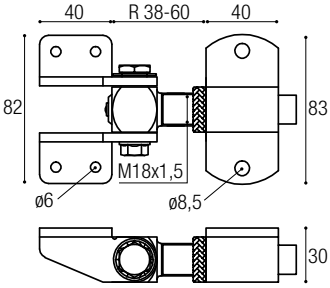
## Cardini regolabili a fissare per apertura 180°

PATENTED
by rolling center

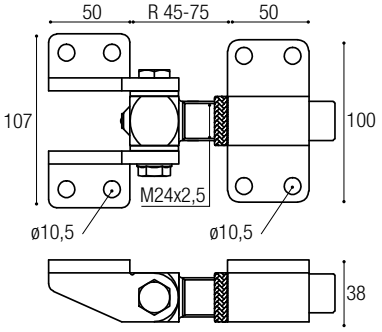
Adjustable hinges to be fixed for 180° openings
Gonds réglables à visser pour ouverture a 180°
Regulierbare Torbänder zum Fixieren - 180° Weite








Cod. 192




Cod. 1920

| Cod. | |
|---|---|
| 192 | 12 |
| 1920 | 6 |

## Cardini a regolazione lunga per apertura 180°

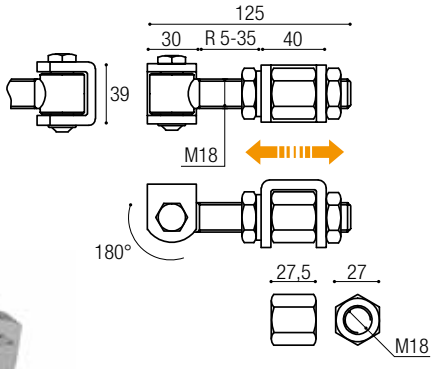
Long-adjustable hinges for 180° openings
Gonds réglables avec barre plus longue pour ouverture a 180°
Regulierbare Torbänder - 180° Weite

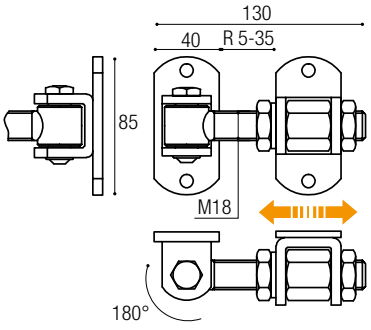


Cod. 193



Cod. 194




| Cod. | |
|---|---|
| A saldare<br>To be welded<br>À sauder<br>Zum Schweißen — 193 | 10 |
| A fissare<br>To be fixed<br>À visser<br>Zum Fixieren — 194 | 6 |

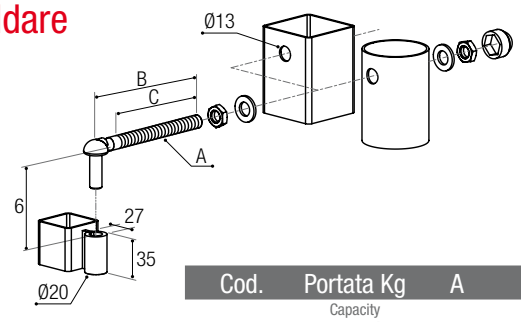
# CARDINI A BARRA LUNGA

LONG HINGES
CHARNIÈRES LONGUES
LANGTORBÄNDER

## Cardini inox con bussole di acciaio a saldare

Stainless steel hinges with welding steel bushes
Charnières en acier inoxydable avec bagues en acier à souder
Edelstahltorbänder mit Stahlbuchsen zum Anschweißen



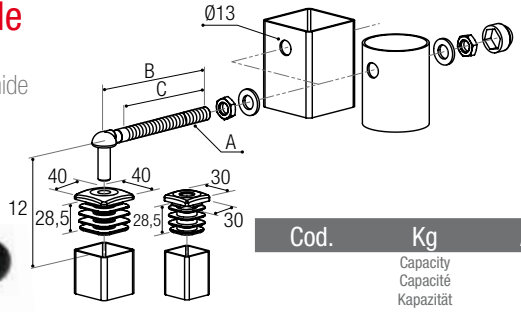



| Cod. | Portata Kg<br>Capacity<br>Capacité<br>Kapazität | A | B | C | |
|---|---|---|---|---|---|
| 195/150 | 100 | M12 | 150 | 130 | 8 |

## Cardini inox con tappi in poliammide

Stainless steel hinges with polyamide caps
Charnières en acier inoxydable avec capuchons en polyamide
Edelstahltorbänder mit Polyamidkappen






| Cod. | Kg<br>Capacity<br>Capacité<br>Kapazität | A | B | C | |
|---|---|---|---|---|---|
| 196/30 | 75 | M12 | 150 | 130 | 8 |
| 196/40 | 75 | M12 | 150 | 130 | 8 |

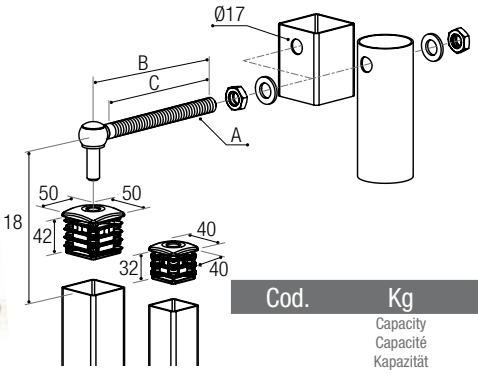
## Cardini con tappi in alluminio

Hinges with aluminum caps
Charnières avec des bouchons en aluminium
Torbänder mit Aluminiumkappen



Cod. 197X/40
Barra in acciaio inox
Stainless steel bar
Barre en acier inoxydable
Edelstahl-Bar

Cod.197
Barra zincata a caldo
Hot galvanized bar
Barre galvanisée à chaud
heissgalvanisierte Stange

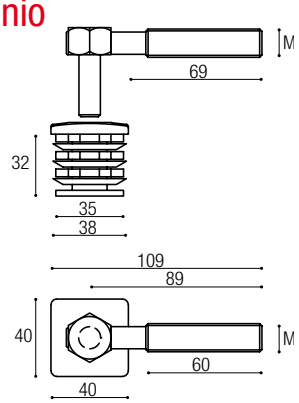



| Cod. | Kg<br>Capacity<br>Capacité<br>Kapazität | A | B | C | |
|---|---|---|---|---|---|
| 197X/40 | 75 | M12 | 150 | 130 | 8 |
| 197/40 | 100 | M16 | 180 | 155 | 8 |
| 197/50 | 100 | M16 | 180 | 155 | 8 |

## Cardini zincati a barra media con tappi in alluminio

Medium-bar galvanized hinges with aluminum caps
Charnières galvanisées à barres moyennes avec capuchons en aluminium
Mittelbar verzinkte Torbänder mit Aluminiumkappen







Cod. DFM


Cod. DRS

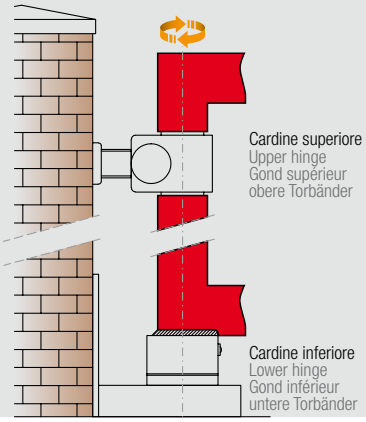

Cod. P2FR


Cod. P4FR

| Cod. | M | |
|---|---|---|
| 198/16 | 16 | 8 |
| 198/18 | 18 | 8 |
| 198/20 | 20 | 8 |

# CARDINI CON ASSE DI ROTAZIONE INTERNO ALL'ANTA

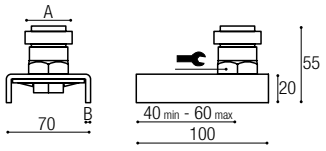
HINGES WITH INTERNAL AXIS OF ROTATION
CHARNIÈRES AVEC AXE DE ROTATION À L'INTÉRIEUR DU PORTAIL
TORBÄNDER MIT DREHACHSE INNERHALB DER ACHSE




## Cardini inferiori regolabili a saldare

Adjustable lower hinges to be welded
Gonds inférieurs réglables à souder
Untere regulierbare Torbänder zum Schweißen



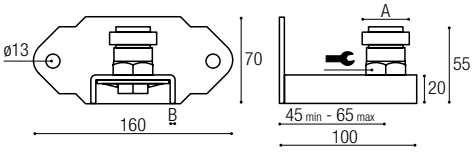



| Cod. | A | B | | |
|---|---|---|---|---|
| 498 | 30 | 3 | 32 | 6 |
| 499 | 35 | 4 | 32 | 6 |
| 501 | 40 | 5 | 32 | 6 |
| 502 | 50 | 6 | 32 | 6 |

## Cardini inferiori regolabili a fissare

Adjustable lower hinges to be fixed
Gonds inférieurs réglables à visser
Untere regulierbare Torbänder zum Fixieren








| Cod. | A | B | | |
|---|---|---|---|---|
| 430 | 30 | 3 | 32 | 6 |
| 435 | 35 | 4 | 32 | 6 |
| 440 | 40 | 5 | 32 | 6 |
| 450 | 50 | 6 | 32 | 6 |

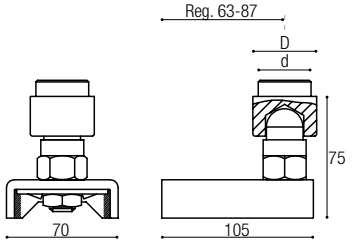
## Cardini inferiori regolabili

Adjustable lower hinges
Gonds inférieurs réglables
Untere regulierbare Torbänder

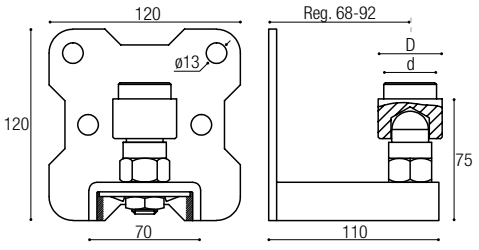


Cod. 481

Cod. 480




| Cod. | D | d | | |
|---|---|---|---|---|
| 480.40 | 40 | 33 | 27 | 6 |
| 480.50 | 50 | 43 | 27 | 6 |



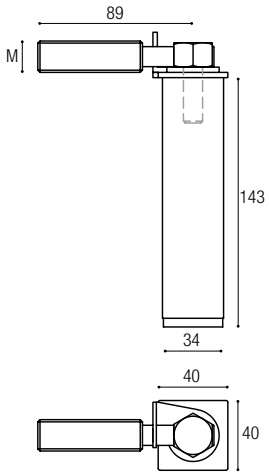

| Cod. | D | d | | |
|---|---|---|---|---|
| 481.40 | 40 | 33 | 27 | 4 |
| 481.50 | 50 | 43 | 27 | 4 |

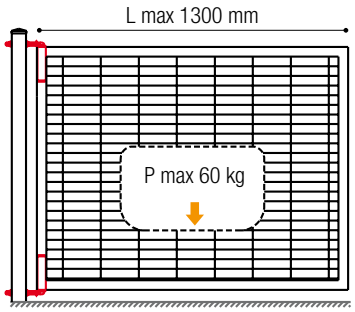
# CARDINE CHIUDICANCELLO PER ANTE PEDONALI

GATE-CLOSING HINGE FOR PEDESTRIAN GATES
CHARNIÈRES DE FEMETURE POUR PORTAILS PIÉTON
TORSCHLIESSTORÄNDER FÜR FUSSGÄNGER-TÜREN








| Cod. | M | Versione<br>Version<br>Version<br>Version | |
|---|---|---|---|
| 400 CH 16 | 16 | Dx + Sx | 1+1 |
| 400 DX 16 | 16 | Dx | 1 |
| 400 SX 16 | 16 | Sx | 1 |
| 400 CH 18 | 18 | Dx + Sx | 1+1 |
| 400 DX 18 | 18 | Dx | 1 |
| 400 SX 18 | 18 | Sx | 1 |
| 400 CH 20 | 20 | Dx + Sx | 1+1 |
| 400 DX 20 | 20 | Dx | 1 |
| 400 SX 20 | 20 | Sx | 1 |

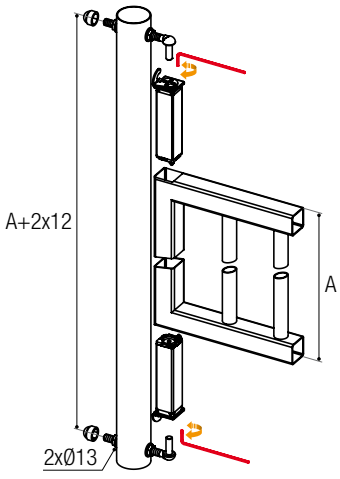
- Il cardine chiudiucancello si applica per inserimento in tubo quadro 40x40x2 mm, oppure su tubo 50x50x2 mm tramite gli adattatori disponibili.
- È consigliata l'applicazione in coppia per una forza maggiore. La tensione della molla è regolabile con chiave a brugola da 3 mm.
- Reversibile in coppia, per aperture Dx o Sx.

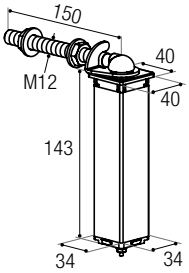
- The gate-closing hinge is applied for insertion in square tube 40x40x2 mm, or on a 50x50x2 mm tube through the available adapters.
- Torque application is recommended for a greater force. The spring tension is adjustable with a 3 mm Allen key.
- Reversible in pairs, for right or left openings.

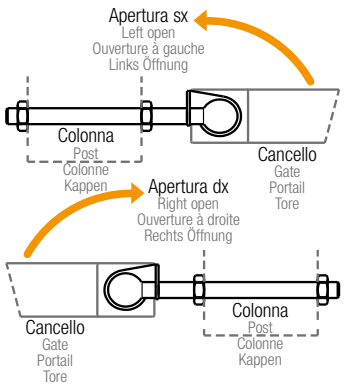
- La charnière de fermeture est appliquée par insertion dans un tube carré de 40x40x2 mm ou sur un tube de 50x50x2 mm à l'aide des adaptateurs disponibles.
- L'application de couple est recommandée pour une force supérieure. La tension du ressort est réglable avec une clé Allen de 3 mm.
- Réversible par paire, pour les ouvertures droite ou gauche.

- Das TorschließTorbänder wird durch Einsetzen in ein Vierkantrohr von 40x40x2 mm oder in ein Rohr von 50x50x2 mm mit den verfügbaren Adaptern verwendet.
- Für eine höhere Festigkeit wird eine Anwendung in Paaren empfohlen. Die Federspannung ist mit einem 3 mm Inbusschlüssel einstellbar.
- Umkehrbare Rechts- und Linksanwendung in Paare.





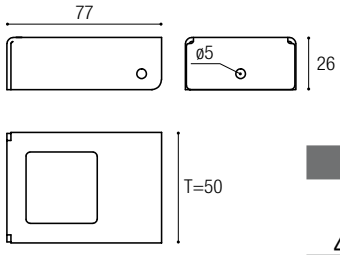

| Cod. | M | Versione<br>Version<br>Version<br>Version | |
|---|---|---|---|
| 400 CH 12 | 12 | Dx + Sx | 1+1 |
| 400 DX 12 | 12 | Dx | 1 |
| 400 SX 12 | 12 | Sx | 1 |

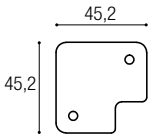
## Adattatore del chiudicancello a molla per tubi superiori a 40 mm

Spring gate closer adapter for pipes over 40 mm
Adaptateur pour ferme-porte à ressort pour tubes supérieurs de 40 mm
Federverschlussadapter für Rohre über 40 mm







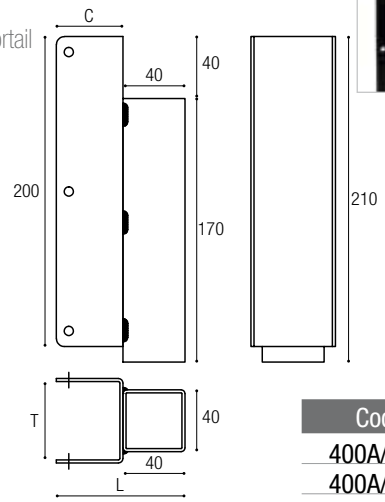

| Cod. | Tubo<br>Tube<br>Tuyau<br>Rohr | |
|---|---|---|
| 400A/T50 | 50 | 8 |

## Supporto del chiudicancello per applicazione esterna all'anta

Spring hinge support for external application to the swing
Support de charnière de fermeture pour application externe sur le portail
Verschlußstütze für die Anwendung von Außentüren







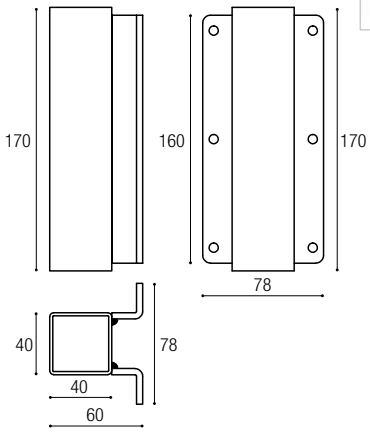

| Cod. | T | L | C | |
|---|---|---|---|---|
| 400A/E40 | 40 | 78 | 38 | 10 |
| 400A/E50 | 50 | 83 | 43 | 8 |

## Applicazione per il fissaggio del chiudicancello alla colonna

Application for fixing the spring hinge to the column
Fixation de la charnière de fermeture près de la colonne
Anwendung zur Befestigung des Torschließer näher an der Säule








| Cod. | |
|---|---|
| 400A/C | 4 |

## Accessori per il fissaggio alla colonna (vedi pag. 68-69)

Accessories for fixing to the column (see pages 68-69)
Accessoires pour la fixation à la colonne (voir pages 68-69)
Zubehöre zur Befestigung an der Säule (siehe Seiten 68-69)


Cod. DFM


Cod. DRS


Cod. DAF


Cod. SM


Cod. P2FR


Cod. P4FR


Cod. P4FM

# CARDINI SUPERIORI A COLLARE LISCIO O DECORATO

UPPER PLAIN ROUND HINGES - PLAIN OR DECORATED
GONDS SUPÉRIEURS AVEC ÉTRIER - LISSE OU DÉCORÉ
OBERE TORBÄNDER MIT GLATTEN ODER DEKORIERTEN SCHELLE

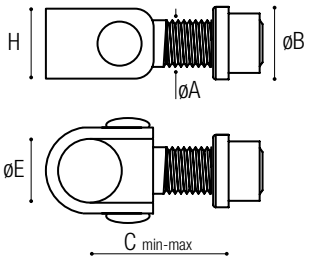


## Cardini con boccola a saldare

Hinges with bush to be welded
Gonds avec douille à souder
Torbänder mit Buchse zum Anschweißen







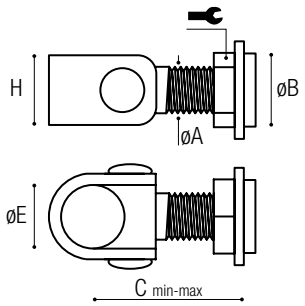

| Codice lisci<br>Plain code<br>Code lisse<br>Glatter Kodex | Codice decorati<br>Decorated code<br>Code décoré<br>Dekorierter Kodex | ø A | H lisci<br>Plain<br>Lisse<br>glatt | H decorati<br>Decorated<br>Décoré<br>dekoriert | øB | C min-max | øE | |
|---|---|---|---|---|---|---|---|---|
| 410/18 | 410L/18 | M18 | 30 | 40 | 24 | 50-85 | 30 | 6 |
| 410 | 410L | M20 | 30 | 40 | 25 | 50-85 | 30 | 6 |
| 412/22 | 412L/22 | M22 | 35 | 40 | 28 | 55-95 | 35 | 6 |
| 412 | 412L | M24 | 35 | 40 | 30 | 55-95 | 35 | 6 |
| 412/27 | 412L/27 | M27 | 40 | 40 | 35 | 60-105 | 40 | 4 |

## Cardini con boccola regolabile

Hinges with adjustable bush
Gonds avec douille réglable
Torbänder mit regulierbaren Buchse





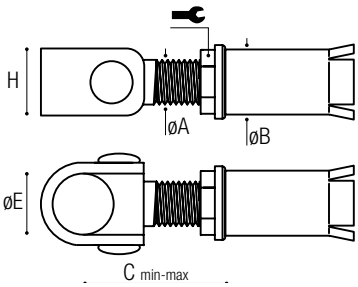



| Codice lisci<br>Plain code<br>Code lisse<br>Glatter Kodex | Codice decorati<br>Decorated code<br>Code décoré<br>Dekorierter Kodex | ø A | H lisci<br>Plain<br>Lisse<br>glatt | H decorati<br>Decorated<br>Décoré<br>dekoriert | øB | C min-max | øE | | |
|---|---|---|---|---|---|---|---|---|---|
| 401/18 | 401L/18 | M18 | 30 | 40 | 32 | 50-85 | 30 | 32 | 6 |
| 401 | 401L | M20 | 30 | 40 | 32 | 50-85 | 30 | 32 | 6 |
| 403/22 | 403L/22 | M22 | 35 | 40 | 32 | 55-95 | 35 | 32 | 6 |
| 403 | 403L | M24 | 35 | 40 | 40 | 55-95 | 35 | 41 | 6 |
| 403/27 | 403L/27 | M27 | 40 | 40 | 40 | 65-105 | 40 | 41 | 4 |

## Cardini con manicotto regolabile

Hinges with adjustable socket joint
Gonds avec manchon réglable
Torbänder mit regulierbaren Hülse






| Codice lisci<br>Plain code<br>Code lisse<br>Glatter Kodex | Codice decorati<br>Decorated code<br>Code décoré<br>Dekorierter Kodex | ø A | H lisci<br>Plain<br>Lisse<br>glatt | H decorati<br>Decorated<br>Décoré<br>dekoriert | ø B | C min-max | øE | | |
|---|---|---|---|---|---|---|---|---|---|
| 402 | 402L | M20 | 30 | 40 | 38 | 55-95 | 30 | 32 | 6 |
| 404 | 404L | M24 | 35 | 40 | 48 | 55-95 | 35 | 41 | 4 |

# Cardini con piastra regolabile

Hinges with adjustable plate
Gonds avec plaque réglable
Torbänder mit regulierbaren Platte



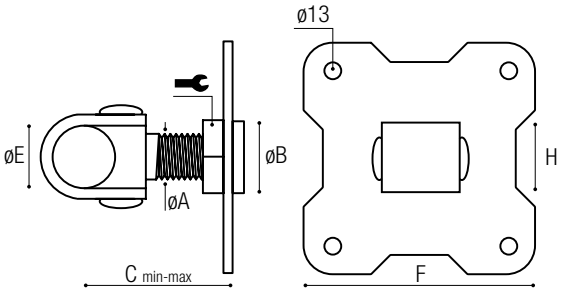






- I collari decorati sono ideali per cancelli in ferro battuto

Decorated hinges are perfect for wrought iron gates
Les gonds décorés sont idéaux pour portails à fer battu
Die dekorierte Schelle sind die Beste für Schmiedeiserne Tore

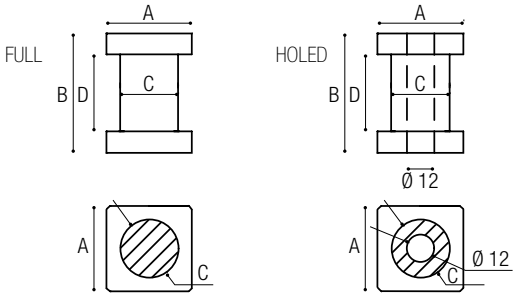



| Codice lisci<br>Plain code<br>Code lisse<br>Glatter Kodex | Codice decorati<br>Decorated code<br>Code décoré<br>Dekorierter Kodex | ø A | H lisci<br>Plain<br>Lisse<br>glatt | H decorati<br>Decorated<br>Décoré<br>dekoriert | øB | C min-max | øE | F | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 414/18 | 414L/18 | M18 | 30 | 40 | 32 | 55-85 | 30 | 120x120 | 32 | 6 |
| 414 | 414L | M20 | 30 | 40 | 32 | 55-85 | 30 | 120x120 | 32 | 6 |
| 416/22 | 416L/22 | M22 | 35 | 40 | 32 | 55-95 | 35 | 120x120 | 32 | 6 |
| 416 | 416L | M24 | 35 | 40 | 40 | 55-95 | 35 | 140x140 | 41 | 4 |
| 416/27 | 416L/27 | M27 | 40 | 40 | 40 | 65-105 | 40 | 140x140 | 41 | 4 |

# TRONCHETTI PER CARDINI A COLLARE

STUB PIPES FOR ROUND HINGES
AXE BOUT POUR GONDS A ÉTIER
STÜCKE FÜR SCHELLETORBÄNDER

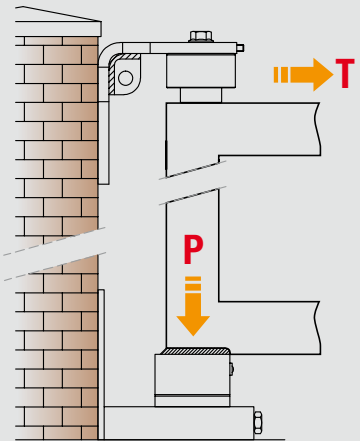





| Codice Pieno<br>Full<br>Plein<br>Kodex | Codice Forato<br>Holed<br>Foré<br>Kodex | A | B | C | D | |
|---|---|---|---|---|---|---|
| 11 | 11F | 30 | 80 | 30 | 45 | 6 |
| 14 | 14F | 35 | 80 | 30 | 45 | 4 |
| 17 | 17F | 40 | 80 | 30 | 45 | 6 |
| 19 | 19F | 35 | 80 | 35 | 45 | 4 |
| 20 | 20F | 40 | 80 | 35 | 45 | 6 |
| 21 | 21F | 50 | 80 | 35 | 45 | 4 |
| 69 | 69F | 40 | 80 | 40 | 45 | 4 |
| 70 | 70F | 50 | 80 | 40 | 45 | 4 |

# CARDINI CON CUSCINETTO - A SALDARE

HINGES WITH BEARING – TO BE WELDED
GONDS AVEC ROULEMENT - À SOUDER
TORBÄNDER MIT LAGER - ZUM SCHWEISSEN

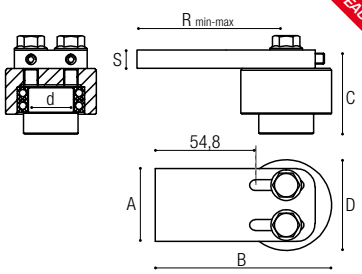



## Superiori a saldare con perno esterno

NOVITÀ NEW NOUVEAU NEUHEIT

Upper hinges to be welded with pin
Gonds à souder avec pivot externe
Obere und schweissende Torbänder mit Außenbuchse





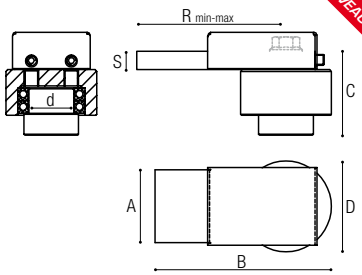

| Cod. | T max (kg) | D | d | R min-max | AxB | C | S | |
|---|---|---|---|---|---|---|---|---|
| 850 | 430 | 50 | 25 | 62-87 | 40x98 | 44 | 10 | 6 |
| 870 | 680 | 70 | 30 | 80-110 | 60x115 | 54 | 12 | 4 |
| 890 | 5000 | 100 | 30 | 120-150 | 90x200 | 86 | 15 | 2 |

## Superiori a saldare con perno esterno e cover

NOVITÀ NEW NOUVEAU NEUHEIT

Upper hinges to be welded with pin and cover
Gonds supérieurs à souder avec pivot externe et cover
Obere und schweissende Torbänder mit Außenbuchse und Abdeckung





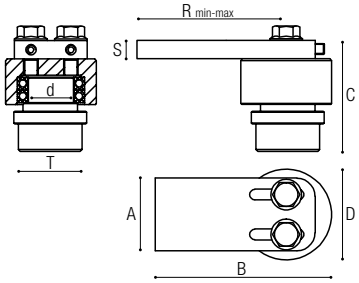

| Cod. | T max (kg) | D | d | R min-max | AxB | C | S | |
|---|---|---|---|---|---|---|---|---|
| 852 | 430 | 50 | 25 | 62-87 | 40x98 | 44 | 10 | 6 |
| 872 | 680 | 70 | 30 | 80-110 | 60x115 | 54 | 12 | 4 |
| 892 | 5000 | 100 | 30 | 120-150 | 90x200 | 86 | 15 | 2 |

## Superiori a saldare con perno ad infilare

NOVITÀ NEW NOUVEAU NEUHEIT

Upper hinges to be welded with internal pin
Gonds supérieurs à souder avec pivot à enfiler
Obere und schweissende Torbänder mit einfügendem Buchse





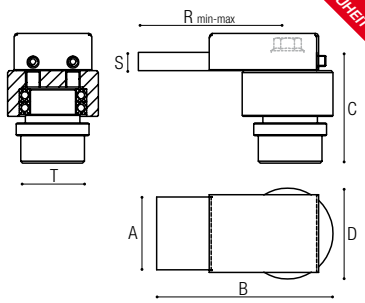

| Cod. | T max (kg) | D | d | T | R min-max | AxB | C | S | |
|---|---|---|---|---|---|---|---|---|---|
| 854 | 430 | 50 | 25 | 25-35 | 62-87 | 40x98 | 60 | 10 | 6 |
| 874 | 680 | 70 | 30 | 45-55 | 80-110 | 60x115 | 69 | 12 | 4 |

## Superiori a saldare con perno ad infilare e cover

NOVITÀ NEW NOUVEAU NEUHEIT

Upper hinges to be welded with internal pin and cover
Gonds supérieurs à souder avec pivot à enfiler et cover
Obere und schweissende Torbänder mit einfügendem Buchse






| Cod. | T max (kg) | D | d | T | R min-max | AxB | C | S | |
|---|---|---|---|---|---|---|---|---|---|
| 856 | 430 | 50 | 25 | 25-35 | 62-87 | 40x98 | 60 | 10 | 6 |
| 876 | 680 | 70 | 30 | 45-55 | 80-110 | 60x115 | 69 | 12 | 4 |

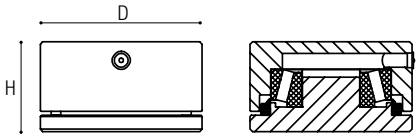
## Inferiori a saldare con calotta esterna

NOVITÀ NEW NOUVEAU NEUHEIT

Lower hinges to be welded external
Inférieur à souder avec coque extérieure
Untene und schweissende Torbänder mit Außenschale



- Guarnizione in gomma
  Rubber seal
  Scean en gomme
  Gummidichtung




| Cod. | P max (kg) | D | H | |
|---|---|---|---|---|
| 851 | 1500 | 55 | 35 | 6 |
| 871 | 2700 | 70 | 39 | 4 |
| 891 | 5000 | 100 | 55 | 2 |

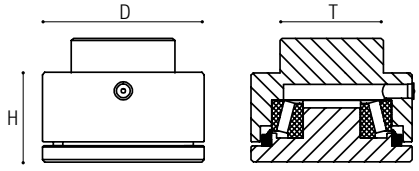
## Inferiori a saldare con calotta ad infilare

NOVITÀ NEW NOUVEAU NEUHEIT

Lower hinges to be welded with internal pin
Inférieur à souder avec capuchon à insérer
Untene und schweissende Torbänder mit einfügendem Schal



- Guarnizione in gomma
  Rubber seal
  Scean en gomme
  Gummidichtung




| Cod. | P max (kg) | D | H | T | |
|---|---|---|---|---|---|
| 853 | 1500 | 55 | 35 | 25-35 | 6 |
| 873 | 2700 | 70 | 39 | 45-55 | 4 |

# CARDINI CON CUSCINETTO - A FISSARE

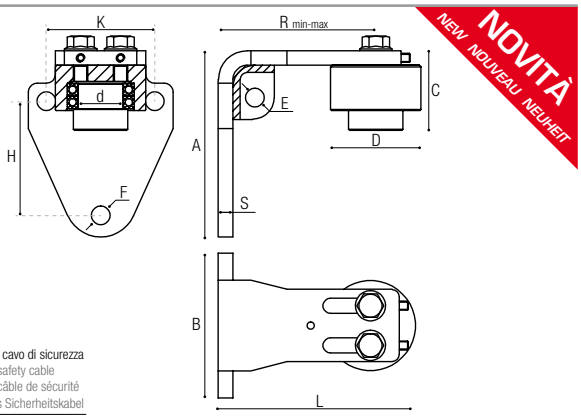
HINGES WITH BEARING – TO BE FIXED
GONDS AVEC ROULEMETS - À FIXER
TORBÄNDER MIT LAGER - ZUM FIXIEREN

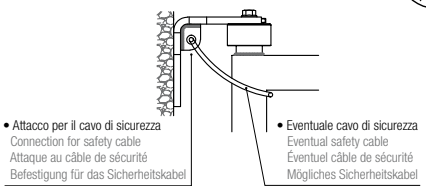
## Superiori a fissare con perno esterno

NOVITÀ NEW NOUVEAU NEUHEIT

Upper hinges to be fixed with pin
Supérieur à fixer avec pivot externe
Obere und befestigende Torbänder mit Außenbuchse





• Attacco per il cavo di sicurezza
Connection for safety cable
Attaque au câble de sécurité
Befestigung für das Sicherheitskabel

• Eventuale cavo di sicurezza
Eventual safety cable
Éventuel câble de sécurité
Mögliches Sicherheitskabel

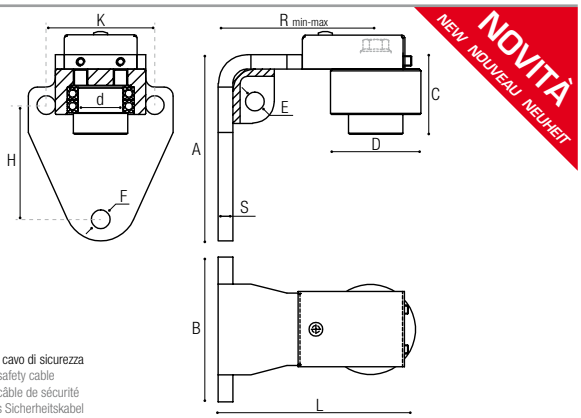
| Cod. | T max (kg) | D | d | R min-max | AxB | L | S | F | H | K | C | E | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 850F | 430 | 50 | 25 | 62-87 | 103x80 | 100 | 8 | 11 | 63 | 60 | 44 | 11 | 4 |
| 870F | 680 | 70 | 30 | 80-110 | 122x100 | 130 | 10 | 13 | 72 | 75 | 54 | 13 | 2 |
| 890F | 5000 | 100 | 30 | 120-150 | 180x150 | 200 | 12 | 13 | 120 | 120 | 86 | 15 | 2 |

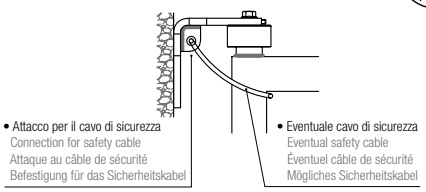
## Superiori a fissare con perno esterno e cover

NOVITÀ NEW NOUVEAU NEUHEIT

Upper hinges to be fixed with pin and cover
Supérieur à fixer avec pivot externe et cover
Obere und befestigende Torbänder mit Außenbuchse und Abdeckung





• Attacco per il cavo di sicurezza
Connection for safety cable
Attaque au câble de sécurité
Befestigung für das Sicherheitskabel

• Eventuale cavo di sicurezza
Eventual safety cable
Éventuel câble de sécurité
Mögliches Sicherheitskabel

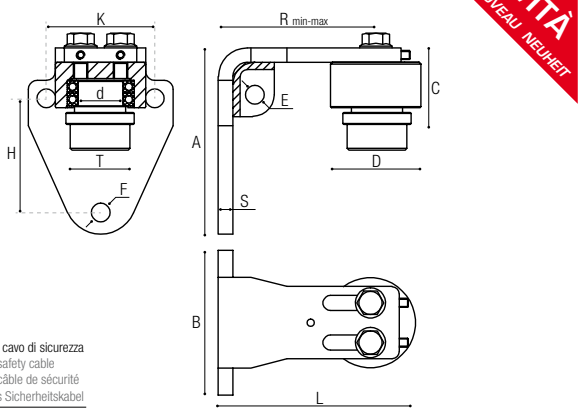
| Cod. | T max (kg) | D | d | R min-max | AxB | L | S | F | H | K | C | E | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 852F | 430 | 50 | 25 | 62-87 | 103x80 | 100 | 8 | 11 | 63 | 60 | 44 | 11 | 4 |
| 872F | 680 | 70 | 30 | 80-110 | 122x100 | 130 | 10 | 13 | 72 | 75 | 54 | 13 | 2 |
| 892F | 5000 | 100 | 30 | 120-150 | 180x150 | 200 | 12 | 13 | 120 | 120 | 86 | 15 | 2 |

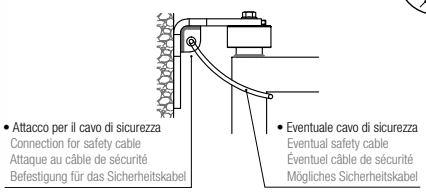
## Superiori a fissare con perno ad infilare

NOVITÀ NEW NOUVEAU NEUHEIT

Upper hinges to be fixed with internal pin
Supérieur à fixer avec pivot à enfiler
Obere und befestigende Torbänder mit einfügendem Buchse





• Attacco per il cavo di sicurezza
Connection for safety cable
Attaque au câble de sécurité
Befestigung für das Sicherheitskabel

• Eventuale cavo di sicurezza
Eventual safety cable
Éventuel câble de sécurité
Mögliches Sicherheitskabel

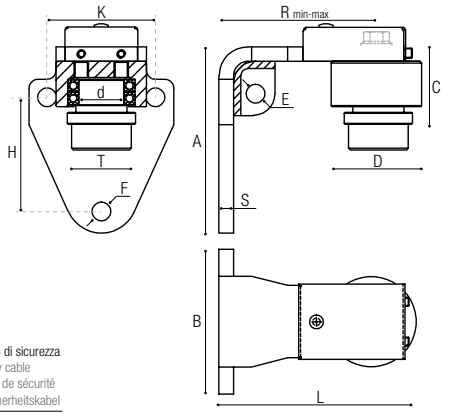
| Cod. | T max (kg) | D | d | T | R min-max | AxB | L | S | F | H | K | C | E | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 854F | 430 | 50 | 25 | 25-35 | 62-87 | 103x80 | 100 | 8 | 11 | 63 | 60 | 60 | 11 | 4 |
| 874F | 680 | 70 | 30 | 45-55 | 80-110 | 122x100 | 130 | 10 | 13 | 72 | 75 | 69 | 13 | 2 |

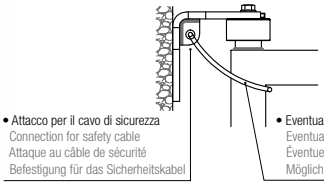
## Superiori a fissare con perno ad infilare e cover

NOVITÀ NEW NOUVEAU NEUHEIT

Upper hinges to be fixed with internal pin and cover
Supérieur à fixer avec pivot à enfiler et cover
Obere und befestigende Torbänder mit einfügendem Buchse






| Cod. | T max (kg) | D | d | T | R min-max | AxB | L | S | F | H | K | C | E | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 856F | 430 | 50 | 25 | 25-35 | 62-87 | 103x80 | 100 | 8 | 11 | 63 | 60 | 60 | 11 | 4 |
| 876F | 680 | 70 | 30 | 45-55 | 80-110 | 122x100 | 130 | 10 | 13 | 72 | 75 | 69 | 13 | 2 |

## Inferiori a fissare con calotta esterna

NOVITÀ NEW NOUVEAU NEUHEIT

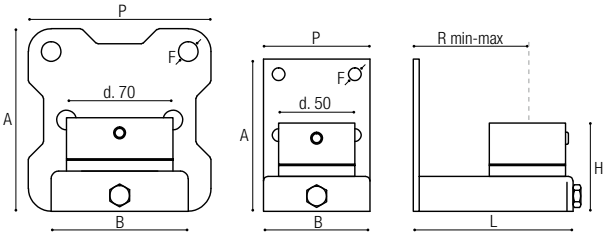
Lower hinges to be fixed external
Inférieur à fixer avec coque extérieure
Obere und befestigende Torbänder mit Außenschale



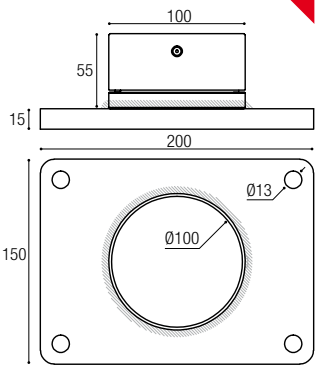
Cod. 891F



Cod. 851F




Cod. 871F Cod. 851F




Cod. 891F

- Guarnizione in gomma
  Rubber seal
  Scean en gomme
  Gummidichtung

| Cod. | P max (kg) | D | R min-max | H | L | A | B | P | F | |
|---|---|---|---|---|---|---|---|---|---|---|
| 851F | 900 | 55 | 60-80 | 58 | 105 | 100 | 70 | 70 | 11 | 4 |
| 871F | 1500 | 70 | 70-100 | 65 | 135 | 120 | 90 | 120 | 13 | 2 |
| 891F | 4000 | 100 | min. 75 | 55 | 150/200 | - | 200/150 | - | 13 | 2 |

## Inferiori a fissare con calotta ad infilare

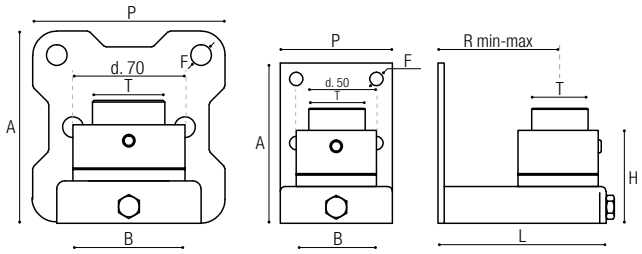
NOVITÀ NEW NOUVEAU NEUHEIT

Lower hinges to be fixed with internal pin
Inférieur à fixer avec coque à enfiler
Obere und befestigende Torbänder mit einfügendem Schal



Cod. 853F

- Guarnizione in gomma
  Rubber seal
  Scean en gomme
  Gummidichtung




Cod. 873F Cod. 853F

| Cod. | P max (kg) | R min-max | H | L | A | B | P | F | T | |
|---|---|---|---|---|---|---|---|---|---|---|
| 853F | 900 | 60-80 | 58 | 105 | 100 | 70 | 70 | 11 | 25-35 | 4 |
| 873F | 1500 | 70-100 | 65 | 135 | 120 | 90 | 120 | 13 | 45-55 | 2 |

# ACCESSORI DI SICUREZZA

SAFETY ACCESSORIES
ACCESSOIRES DE SÉCURITÉ
SICHERHEITSZUBEHÖRE

## Funi anticaduta per cancelli a battente

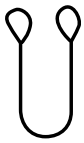
Anti-fall steel cable for swinging gate
Cable anti-chute pour portails battants
Absturzsicherungsseile für Flügeltore



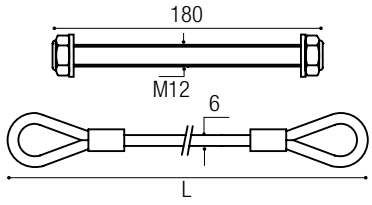


Cod. 540
- Fune con barra
  Rope with bar
  Cable avec barre
  Seil mit Stange

- Portata
  Force
  Débit
  Tragfähigkeit



920 kg




| Cod. | Cod. INOX | L | |
|---|---|---|---|
| 540/40 | 540/40-I | 400 | 10 |
| 540/50 | 540/50-I | 500 | 10 |
| 540/60 | 540/60-I | 600 | 10 |
| 540/70 | 540/70-I | 700 | 10 |



NOVITÀ
NEW NOUVEAU NEUHEIT

Cod. 540/C
- Solo fune
  Rope only
  seul cable
  Nur Seil

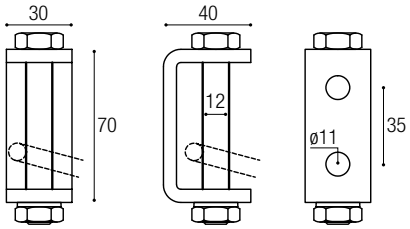
| Cod. | Cod. INOX | L | |
|---|---|---|---|
| 540/40C | 540/40C-I | 400 | 10 |
| 540/50C | 540/50C-I | 500 | 10 |
| 540/60C | 540/60C-I | 600 | 10 |
| 540/70C | 540/70C-I | 700 | 10 |

## Supporto per aggancio fune

Support for anti-fall steel cable
Support pour accrochage de corde
Halter für Seilhaken



- Ideale per colonne in calcestruzzo
  Ideal for concrete columns
  Idéal pour les colonnes en béton
  Ideal für Betonsäulen

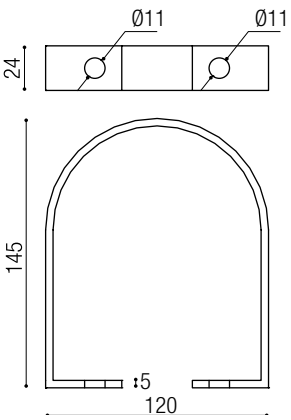


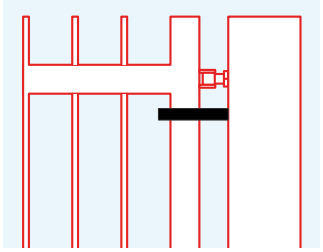

| Cod. | |
|---|---|
| 541 | 10 |

## Anello di sicurezza

Safety ring
Bague de sécurité
Sicherheitsring





| Cod. | |
|---|---|
| 5000 | 10 |

# RUOTA AMMORTIZZATA REGOLABILE - FISSA O GIREVOLE

ADJUSTABLE SUSPENSION WHEEL - FIXED OR SWIVEL
ROUE DE SUSPENSION RÉGLABLE - FIXE OU PIVOTANTE
VERSTELLBARES STOSSDÄMPFENDES RAD - FEST ODER DREHBAR

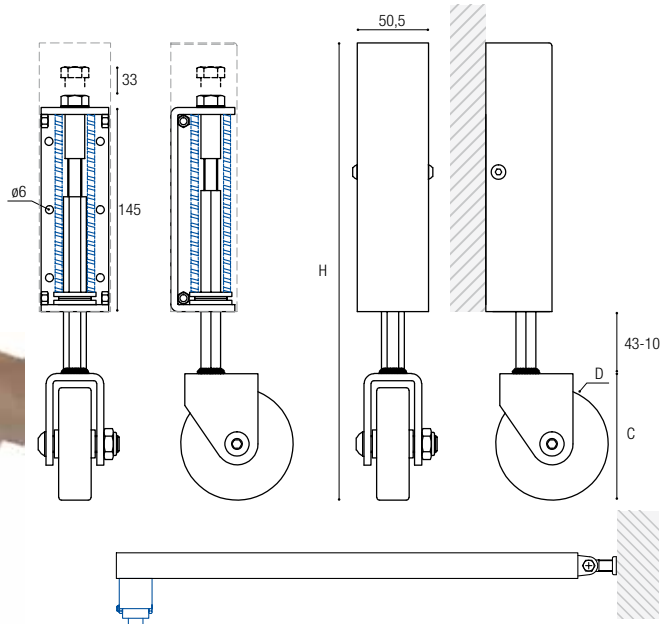


Cod. RM100



Cod. RM80






- Vesione fissa per applicazioni in estremità all'anta
  For end-leaf applications
  Pour les applications finales
  Feste Version für Anwendungen am Ende des Flügels

| Cod. | D | C | H | Rotazione - Rotation - Rotation - Rotation | |
|---|---|---|---|---|---|
| RM80-R | 80 | 90 | 325 | Fissa - Fixed - Fix - ortsfest | 2 |
| RM100-R | 100 | 108 | 343 | Fissa - Fixed - Fix - ortsfest | 2 |
| RM80-RG | 80 | 90 | 325 | Girevole - Revolving - Tournant - schwenkbar | 2 |



- Portata fino a 150 kg
- Regolabile in altezza
- Con ruota fissa o girevole ad orientamento libero
- Per la regolazione della versione girevole allentare il grano con la chiave 2,5 mm

- Capacity up to 150 kg
- Adjustable in height
- In the fixed or rotating version with free orientation
- To adjust the revolving version, loosen the wheat with the 2.5 mm key

- Capacité jusqu'à 150 kg
- Réglable en hauteur
- Dans la version fixe ou tournante avec orientation libre
- Pour régler la version pivotante, desserrer le grain avec la clé de 2,5 mm

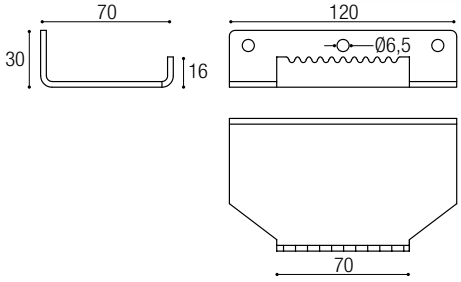
- Kapazität bis zu 150 kg
- Höhenverstellbar
- Mit festem oder frei drehbarem Rad
- Um die drehbare Version einzustellen, lockern Sie den Weizen mit dem 2,5 mm Schlüssel

# APRIPORTA A PIEDE IN ACCIAIO INOX

STAINLESS STEEL FOOT-OPERATED DOOR OPENER
OUVRE-PORTE À PIED EN ACIER INOXYDABLE
EDELSTAHL-FUSSÖFFNER






| Cod. | |
|---|---|
| 5050 | 4 |

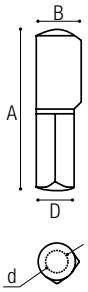
# CERNIERE

HINGERS
CHARNIÈRES
SCHARNIERE

## Cerniere a goccia con rondella in ottone

Drop hinges with brass washer
Charnières en forme de goutte avec rondelle en laiton
Tropfscharnier mit Messingscheibe



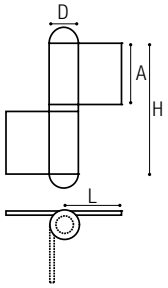



| Cod. | D | A | B | d | |
|---|---|---|---|---|---|
| 550.60 | 10 | 60 | 12 | 6 | 20 |
| 550.80 | 12 | 80 | 14 | 7 | 20 |
| 550.100 | 14 | 100 | 16 | 8 | 20 |
| 550.120 | 16 | 120 | 18 | 9 | 20 |
| 550.140 | 16 | 140 | 18 | 9 | 20 |

## Cerniere a 2 ali grandi

Hinges with 2 long wings
Charniére à 2 volets
Große 2-Flügel-Scharniere



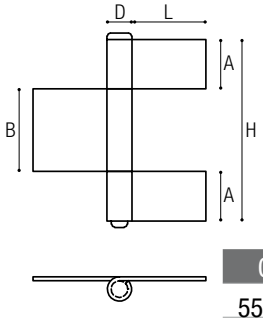



| Cod. | D | H | A | L | |
|---|---|---|---|---|---|
| 552.80D | 15 | 80 | 38,5 | 32 | 10 |
| 552.80S | 15 | 80 | 38,5 | 32 | 10 |
| 552.100D | 16,5 | 100 | 48,5 | 33 | 10 |
| 552.100S | 16,5 | 100 | 48,5 | 33 | 10 |
| 552.120D | 16 | 120 | 60 | 37 | 10 |
| 552.120S | 16 | 120 | 60 | 37 | 10 |

## Cerniere a 3 ali grandi

Hinges with 3 long wings
Charniére à 3 volets
Große 3-Flügel-Scharniere



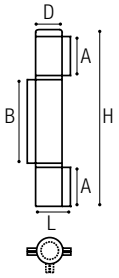



| Cod. | D | H | A | B | L | |
|---|---|---|---|---|---|---|
| 553.110 | 15 | 110 | 30 | 50 | 52 | 10 |
| 553.140 | 18 | 140 | 35 | 70 | 48 | 10 |

## Cerniere a 3 ali doppie e perno sfilabile

Hinges with 3 double wings and removable pin
Charniére à 3 volets et pivot régondable
Doppelflügelscharniere und abnehmbarer Stift



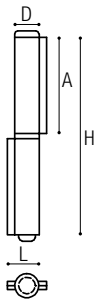



| Cod. | D | H | A | B | L | |
|---|---|---|---|---|---|---|
| 554.80 | 12 | 80 | 18 | 37,5 | 16 | 20 |
| 554.100 | 13 | 100 | 23,5 | 48 | 17 | 10 |
| 554.120 | 15 | 120 | 27 | 56 | 20 | 10 |

## Cerniere a 2 ali doppie e perno sfilabile

Hinges with 2 double wings and removable pin
Charnière à 2 volets et pivot régondable
Doppelflügelscharniere und abnehmbarer Stift



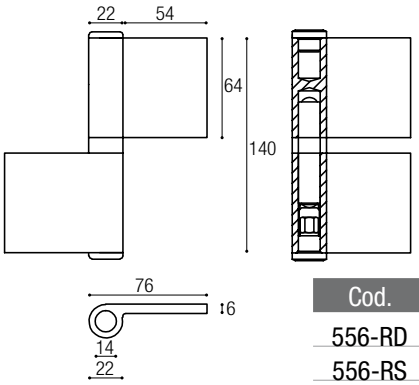



| Cod. | D | H | A | L | |
|---|---|---|---|---|---|
| 555.80 | 12 | 80 | 38,5 | 16,5 | 10 |
| 555.100 | 13,5 | 100 | 48,5 | 18 | 10 |
| 555.120 | 15 | 120 | 60 | 19,5 | 10 |

## Cerniera regolabile per porte blindate

Adjustable hinge for armored doors
Charnière réglable pour portes blindées
Verstellbares Scharnier für gepanzerte Türen



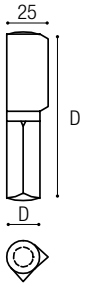




| Cod. | | |
|---|---|---|
| 556-RD | DX | 6 |
| 556-RS | SX | 6 |

## Cerniera a goccia con cuscinetto

Drip hinge with bearing
Charnière en forme de goutte avec roulement
Tropfscharnier mit Lager



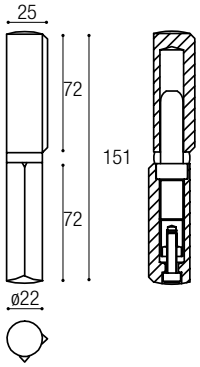



| Cod. | A | D | |
|---|---|---|---|
| 558.100 | 100 | 20 | 10 |
| 558.150 | 150 | 22 | 10 |

## Cerniera a goccia con cuscinetto - regolabile

Drip hinge with bearing - adjustable
Charnière en forme de goutte avec roulement - réglable
Tropfband mit Lager – einstellbar

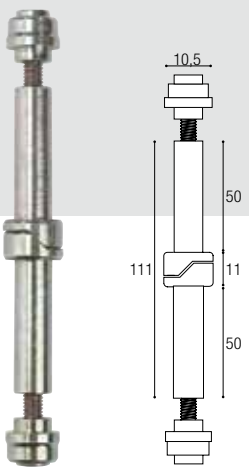





| Cod. | |
|---|---|
| 559.150 | 6 |

## PERNO ALZANTE PER PORTE IN ALLUMINIO

LIFTING PIN
PIVOT DE RELEVAGE POUR PORTES EN ALUMINIUM
HEBEBOLZEN FÜR ALUMINIUMTÜREN




| Cod. | |
|---|---|
| 30 | 25 |

# BATTENTI PER ELETTROSERRATURE

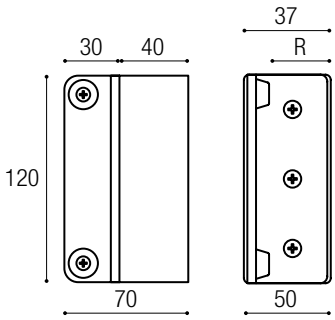
STOPS FOR THE ELECTRIC-LOCKS
BATTANTS POUR SERRURES ÉLECTRIQUES
ANSCHLAG FÜR ELECTRO-SCHLOSS

## Battente regolabile a saldare per elettroserrature

Adjustable stop to be welded for electric-locks
Battant réglable à souder pour serrure électrique
Umstellbarer verzinkter Anschlag für Electro-Schloss







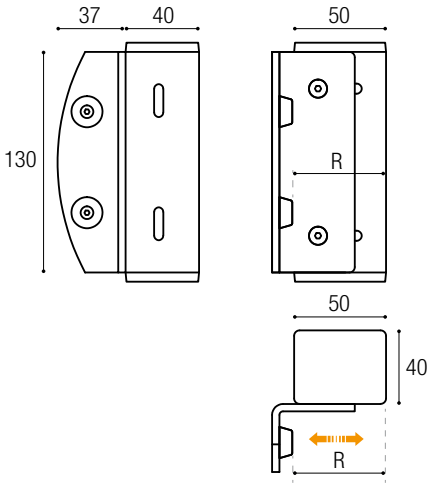

- Con viti per fissaggio bocchetta
  With screws for nozzle fixing
  Avec vis pour fixation de la buse
  Mit Schrauben zur Düsenbefestigung

| Cod. | R | |
|---|---|---|
| 27 | 30/40/50 | 4 |

## Battente a fissaggio interno per elettroserrature

Adjustable stop with internal fixing, for electric locks
Battant reglable à fixation interne, pour serrure électrique
Interner Befestigungsflügel für elektrische Schlösser






- Con viti per fissaggio bocchetta
  With screws for nozzle fixing
  Avec vis pour fixation de la buse
  Mit Schrauben zur Düsenbefestigung

| Cod. | R | |
|---|---|---|
| 27F | 30-35-40-50 | 4 |



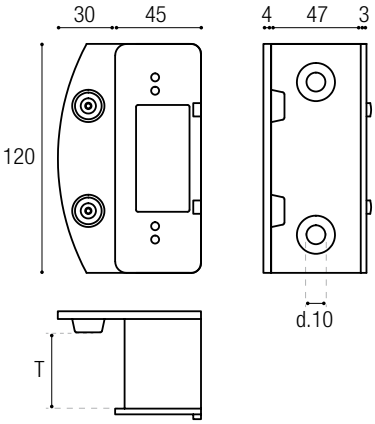
# Battente a fissare per elettroserrature

Stop to be fixed for electric-locks
Battant pour serrures électriques
Fester Anschlag für Electro-Schloss





- Fori filettati
  Threaded holes
  Trous taraudés
  Gewinde-Bohrungen






| Cod. | T | |
|---|---|---|
| 27/40 NA | 40 | 4 |
| 27/50 NA | 50 | 4 |
| 27/60 NA | 60 | 4 |

- Disponibile in kit con serratura elettrica a pag. 113
  Available in kit with electric lock on page 113
  Disponible en kit avec serrure électrique p. 113
  Verfügbar mit Kit mit elektrischem Schloss auf S. 22. 113



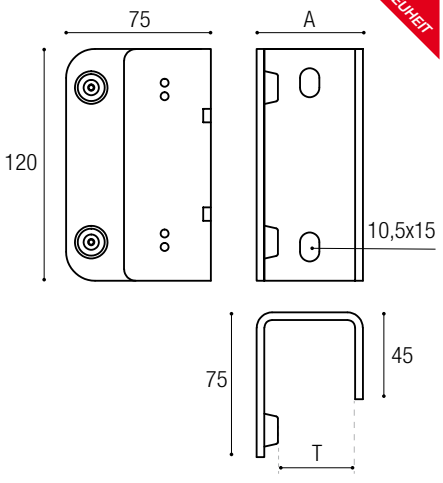
# Battente per elettroserrature

NOVITÀ
NEW NOUVEAU NEUHEIT

Stop for electric locks
Battant pour serrures électriques
Anschlag für Elektroschlösser



- Fori filettati
  Threaded holes
  Trous taraudés
  Gewinde-Bohrungen




| Cod. | T | A | |
|---|---|---|---|
| 18/40 | 40 | 55 | 8 |
| 18/50 | 50 | 65 | 6 |

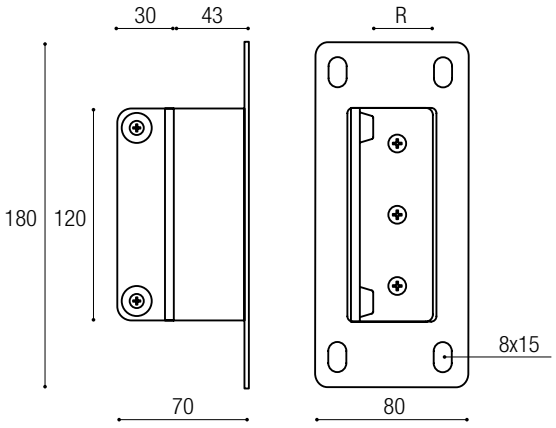
# Battente regolabile a fissare per elettroserrature

Adjustable stop to be fixed for electric-locks
Battant réglable à visser pour serrure électrique
Umstellbarer Anschlag zum Fixierung für Electro-Schloss










- Con viti per fissaggio bocchetta
  With screws for nozzle fixing
  Avec vis pour fixation de la buse
  Mit Schrauben zur Düsenbefestigung

| Cod. | R | |
|---|---|---|
| 28 | 30/40/50 | 4 |
| 28/60 | 40/50/60 | 4 |

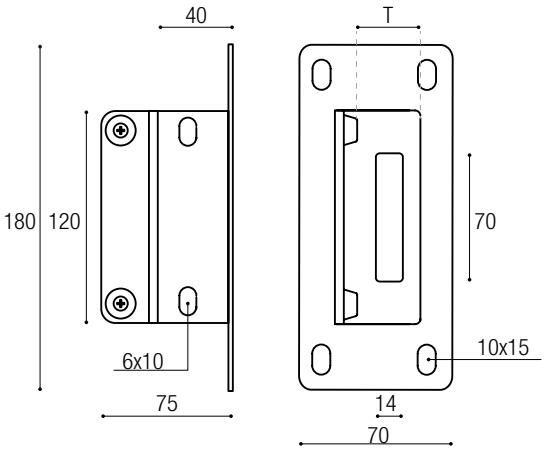
# Battente con piastra per serrature manuali

Stop with plate to be fixed for handle-locks
Battant avec plaque pour serrure manuelle
Anschlag mit Platte für Manuell-Schloss










| Cod. | T | |
|---|---|---|
| 28M30 | 30 | 4 |
| 28M35 | 35 | 4 |
| 28M40 | 40 | 4 |
| 28M50 | 50 | 4 |
| 28M60 | 60 | 4 |

# 3 BLOCK

## BATTENTE COMPONIBILE DI APERTURA PER CANCELLI AUTOMATICI AD ANTE

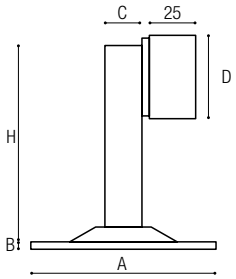
FITTED STOP FOR AUTOMATED SWING GATE
BATTANT MODULAIRE POUR PORTAIL AUTOMATIQUES
MODULARER ÖFFNUNGSANSCHLAG FÜR
AUTOMATISCHE DREHTORE












| Cod. | A | B | C | øD | H | |
|---|---|---|---|---|---|---|
| 191 | 100x100 | 4 | 20x20 | 40 | 105 | 2 |
| 291 | 120x120 | 5 | 30x30 | 45 | 115 | 2 |



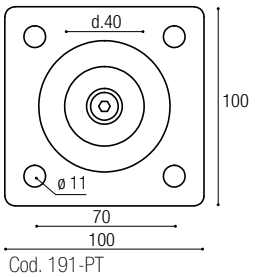
NOVITÀ
NEW NOUVEAU NEUHEIT



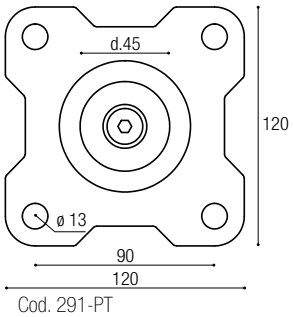
Cod. 191-PT



Cod. 291-PT




Cod. 191-PT



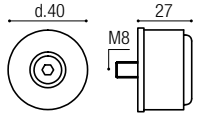

Cod. 291-PT

| Cod. | A | B | |
|---|---|---|---|
| 191-PT | 100x100 | 4 | 4 |
| 291-PT | 120x120 | 5 | 4 |

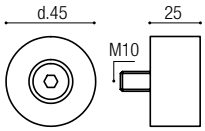




NOVITÀ
NEW NOUVEAU NEUHEIT




Cod. 191-T




Cod. 291-T

| Cod. | |
|---|---|
| 191-T | 10 |
| 291-T | 10 |

# BATTENTI A TERRA PER ANTE

LOWER STOPS FOR SWING GATES
BUTÉE D'ARRÊT POUR PORTAILS
BODEN AUFLAUFSCHUH FÜR FLÜGEL

## Battenti leggeri a fissare

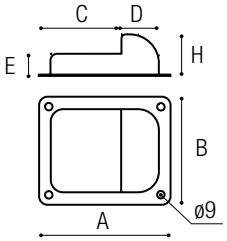
Light stops to be fixed
Battant d'arrêt leger à visser
Leicht Türflügel zum Fixieren





- Gomma
  Rubber
  Cautchouc
  Gummi






| Cod. | A | B | C | D | E | H | |
|---|---|---|---|---|---|---|---|
| 589 | 120 | 100 | 60 | 35 | 20 | 42 | 8 |
| Con gomma<br>with rubber - avec cautchouc - mit Gummi 589G | 120 | 100 | 60 | 35 | 20 | 42 | 8 |
| 590 | 160 | 130 | 85 | 45 | 22 | 50 | 4 |
| Con gomma<br>with rubber - avec cautchouc - mit Gummi 590G | 160 | 130 | 85 | 45 | 22 | 50 | 4 |

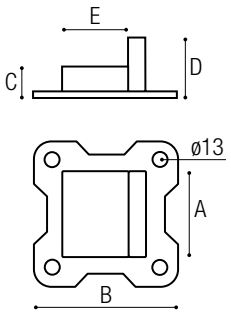
## Battente pesante a fissare - largo

Heavy stop to be fixed - large
Battant d'arrêt lourd à visser - large
Schwertürflügel zum Fixieren - breit









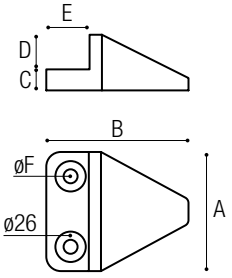

| Cod. | A | B | C | D | E | |
|---|---|---|---|---|---|---|
| 290 | 100 | 120 | 20 | 40 | 60 | 4 |
| 390 | 120 | 150 | 25 | 50 | 80 | 2 |

## Battente in ghisa a fissare - largo

Cast iron stop to be fixed - large
Battant d'arrêt en fonte à visser - large
Gusseiserner Flügel zum Fixieren - breit








| Cod. | A | B | C | D | E | øF | |
|---|---|---|---|---|---|---|---|
| 23 | 100 | 115 | 16 | 29 | 35 | 12 | 4 |
| 24 | 120 | 130 | 18 | 32 | 40 | 13 | 2 |

# Battente alto con piastrina a fissare

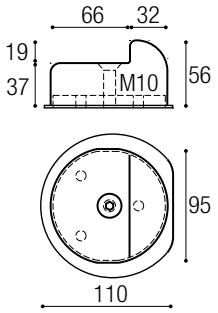
Upper stop with plate to be fixed
Battant d'arrêt haute avec plaque à visser
Oberanschlag mit Plättchen zur Fixierung



Cod. 287P



Cod. 287F




| Codice | |
|---|---|
| 287P | 4 |
| 287F | 4 |

# Battenti a cementare

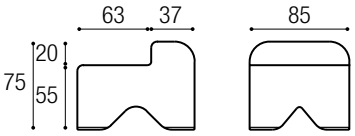
Stop to be cemented
Butée à cementer
Anschlag zum Aufkohlen







Cod. 287B

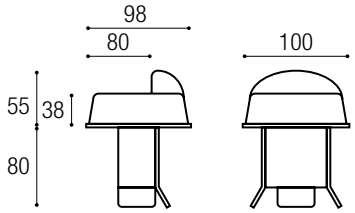





Cod. 288

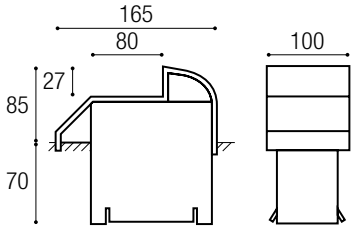


- Zanca antisfondamento
  Anti shock bracket
  Support anti-percée
  Anti-Durchbruch Befestigung






Cod. 289




- Per portoni pesanti
  For heavy gates
  Pour portes lourdes
  Für schwere Toren

| Cod. | |
|---|---|
| 287B | 6 |
| 288 | 12 |
| 289 | 2 |

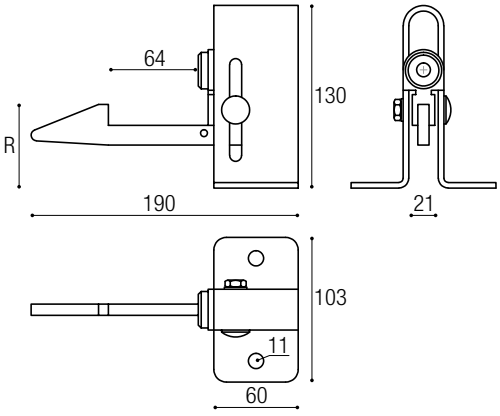
# FERMACANCELLI

GATE-STOPS
FERME-PORTE
TÜRSTOPPER

## Fermacancello regolabile per ante da fissare a pavimento

Adjustable stop-gate for doors to be fixed to the floor
Ferme-porte réglable pour les portes à fixer au sol
Einstellbarer Türstopper, der am Boden befestigt wird



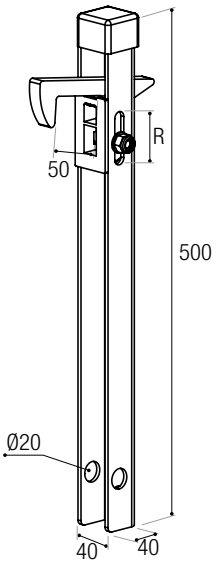



| Cod. | R | |
|---|---|---|
| 25 | 34 ÷ 84 | 2 |

## Fermacancello regolabile per ante da cementare a pavimento

Adjustable stop-gate for doors to be cemented to the floor
Ferme-porte réglable pour les portes à cimenter au sol
Einstellbarer Türstopper, der auf den Boden zementiert wird








| Cod. | R | |
|---|---|---|
| 26 | 40 | 2 |

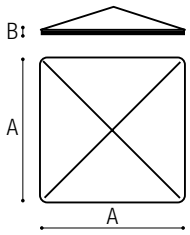
# COPRICOLONNA

CAPS
COUVERTURES DE COLONNE
ABDECKKAPPE

## Copricolonna quadrati senza bordo

Square cap without flange
Couvertures de colonnes carrées sans bord
Quadratzinkabdeckkappe ohne Rand



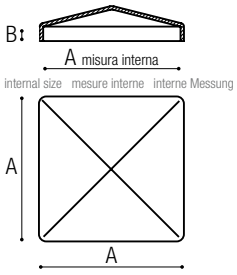



| Cod. grezzi<br>Black<br>Loin<br>Rohkodex | Cod. zincati<br>Galvanized<br>Galvanisé<br>Zinkkodex | A | B | |
|---|---|---|---|---|
| 179 | 179z | 40x40 | 2,5 | 100 |
| 180 | 180z | 50x50 | 2,5 | 100 |
| 181 | 181z | 60x60 | 3 | 100 |
| 182 | 182z | 80x80 | 3 | 60 |
| 183 | 183z | 100x100 | 3 | 50 |
| 184 | 184z | 120x120 | 3 | 30 |
| 185 | 185z | 150x150 | 3 | 20 |

## Copricolonna quadrati con bordo

Square caps with flange
Couvertures de colonnes carrées avec bord
Quadratabdeckkappe mit Rand



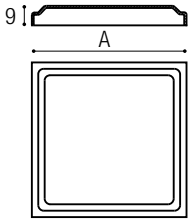



| Cod. grezzi<br>Black<br>Loin<br>Rohkodex | Cod. zincati<br>Galvanized<br>Galvanisé<br>Zinkkodex | A | B | |
|---|---|---|---|---|
| 277 | 277z | 30x30 | 9 | 100 |
| 278 | 278z | 35x35 | 9 | 100 |
| 279 | 279z | 40x40 | 10 | 100 |
| 280 | 280z | 50x50 | 10 | 60 |
| 281 | 281z | 60x60 | 10 | 50 |
| 282 | 282z | 80x80 | 10 | 50 |
| 283 | 283z | 100x100 | 10 | 50 |
| 284 | 284z | 120x120 | 10 | 30 |
| 285 | 285z | 150x150 | 10 | 20 |
| 286 | 286z | 200x200 | 10 | 10 |

## Copricolonna quadrati piani con bordo

Square flat caps with flange
Couvertures de colonnes carrées avec bord
Flache Quadratabdeckkappe mit Rand





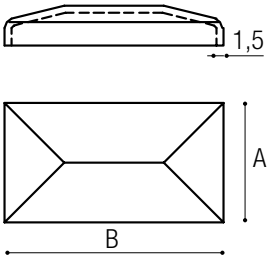

| Cod. grezzi<br>Black<br>Loin<br>Rohkodex | Cod. zincati<br>Galvanized<br>Galvanisé<br>Zinkkodex | A | |
|---|---|---|---|
| 279P | 279Pz | 40 | 100 |
| 280P | 280Pz | 50 | 50 |
| 281P | 281Pz | 60 | 50 |
| 282P | 282Pz | 80 | 50 |
| 283P | 283Pz | 100 | 30 |
| 284P | 284Pz | 120 | 20 |

## Copricolonna rettangolari con bordo

NOVITÀ NEW NOUVEAU NEUHEIT

Rectangular caps with flange
Couvercles de colonnes rectangulaires avec bordure
Rechteckigabdeckkappe mit Rand+





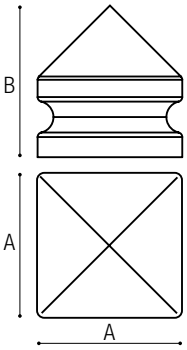

| Cod. grezzi<br>Black<br>Loin<br>Rohkodex | Cod. zincati<br>Galvanized<br>Galvanisé<br>Zinkkodex | AxB | |
|---|---|---|---|
| 335 | 335z | 20x40 | 50 |
| 336 | 336z | 30x50 | 50 |
| 337 | 337z | 40x60 | 50 |
| 338 | 338z | 40x80 | 30 |
| 339 | 339z | 50x100 | 20 |

# Copricolonna sagomati

Contoured caps
Couvertures de colonne en forme
Profilabdeckkappe







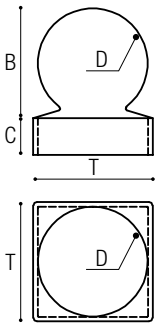

| Cod. grezzi<br>Black<br>Loin<br>Rohkodex | Cod. zincati<br>Galvanized<br>Galvanisé<br>Zinkkodex | A | B | |
|---|---|---|---|---|
| 1820 | 1820z | 80 | 120 | 10 |
| 1830 | 1830z | 100 | 140 | 6 |
| 1840 | 1840z | 120 | 160 | 4 |
| 1850 | 1850z | 150 | 180 | 2 |

# Copricolonna a sfera per tubo quadro

NOVITÀ
NEW NOUVEAU NEUHEIT

Spheric caps with square flange
Couvercle de colonne sphérique pour tube carré
Kugelsäulenabdeckung für Vierkantrohr





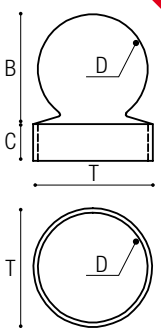

| Cod. | T | B | C | D | |
|---|---|---|---|---|---|
| 395/40 | 40x40 | 40 | 15 | 40 | 10 |
| 395/50 | 50x50 | 50 | 17 | 52 | 10 |
| 395/60 | 60x60 | 60 | 20 | 60 | 10 |
| 395/80 | 80x80 | 80 | 20 | 75 | 10 |
| 395/100 | 100x100 | 100 | 20 | 90 | 8 |

# Copricolonna a sfera per tubo tondo

NOVITÀ
NEW NOUVEAU NEUHEIT

Spheric caps with round flange
Couvercle de colonne sphérique pour tube rond
Kugelsäulenabdeckung für Rundrohr



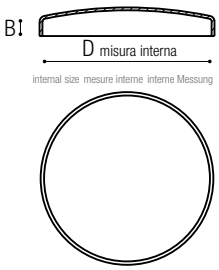



| Cod. | T | B | C | D | |
|---|---|---|---|---|---|
| 396/42 | 42 | 40 | 15 | 40 | 10 |
| 396/48 | 48 | 48 | 17 | 52 | 10 |
| 396/60 | 60 | 60 | 20 | 60 | 10 |
| 396/76 | 76 | 80 | 20 | 75 | 10 |

## Copricolonna rotondi con bordo

Round cap with flange
Couvertures de colonne rondes avec bord
Rundabdeckkappe mit Rand



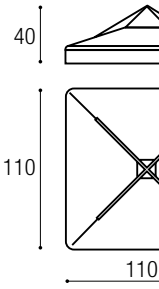



| Cod. grezzi<br>Black<br>Loin<br>Rohkodex | Cod. zincati<br>Galvanized<br>Galvanisé<br>Zinkkodex | D mm | D pollici/inches | B | |
|---|---|---|---|---|---|
| 275/33 | 275/33z | 33,7 | 1" | 9 | 100 |
| 275/42 | 275/42z | 42,4 | 1 1/4" | 10 | 100 |
| 275/48 | 275/48z | 48,3 | 1 1/2" | 10 | 50 |
| 275/60 | 275/60z | 60,3 | 2" | 10 | 50 |
| 275/76 | 275/76z | 76,1 | 2 1/2" | 10 | 50 |
| 275/89 | 275/89z | 88,9 | 3" | 10 | 50 |
| 275/102 | 275/102z | 101,6 | 3 1/2" | 10 | 30 |
| 275/114 | 275/114z | 114,3 | 4" | 10 | 30 |

## Copricolonna zincato in lega di zama

Galvanized zinc alloy caps
Couvertures de colonne galvanisées en zanak
Zinkabdeckkappe - Zamaklegierung







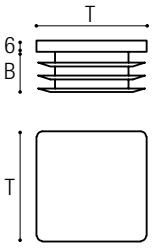

| Cod. | |
|---|---|
| 2830 | 10 |

## Copricolonna in plastica per tubo quadro

NOVITÀ NEW NOUVEAU NEUHEIT

Plastic caps for square tube
Couvercle de colonne en plastique pour tube carré
Kunststoffsäulenabdeckung für Vierkantrohr





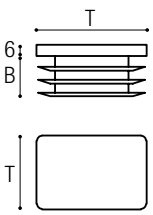

| Cod. | T | B | |
|---|---|---|---|
| 397/30 | 30x30 | 19 | 100 |
| 397/35 | 35x35 | 18 | 50 |
| 397/40 | 40x40 | 18 | 100 |
| 397/50 | 50x50 | 21 | 100 |
| 397/60 | 60x60 | 22 | 50 |
| 397/80 | 80x80 | 30 | 50 |
| 397/100 | 100x100 | 30 | 50 |

## Copricolonna in plastica per tubo rettangolare

NOVITÀ NEW NOUVEAU NEUHEIT

Plastic caps for rectangular tube
Couvercle de colonne en plastique pour tube rectangulaire
Kunststoffsäulenabdeckung für rechteckiges Rohr






| Cod. | T | B | |
|---|---|---|---|
| 398/3040 | 30x40 | 19 | 50 |
| 398/3050 | 30x50 | 20 | 50 |
| 398/4060 | 40x60 | 22 | 50 |
| 398/4080 | 40x80 | 22 | 50 |
| 398/50100 | 50x100 | 23 | 50 |

# SERRATURE
LOCK
SERRURE
SCHLÖSSER

## SERRATURA MANUALE PER ANTE PRATIK-LOCK
PRATIK-LOCK MANUAL LOCK FOR GATES
SERRURES MANUELLES POUR PORTAILS PRATIK-LOCK
MANUELLES SCHLOSS FÜR PRATIK-LOCK-TÜREN




- Rapida e semplicissima installazione tramite fissaggio all'anta con viti.
- Esclude saldature, tagli e forature delle ante.
- Completamente reversibile per applicazione destra o sinistra.
- Applicabile a cancelli pedonali (1 anta) o carrai (2 ante).
- Disponibile nelle versioni per tubolari quadri da 30, 35, 40 e 50 mm, oltre a quella per tubo tondo da 11/2".
- A scelta tra 2 tonalità di colore, verde per recinzioni o nero micaceo per ferro battuto.



• PRATIK-LOCK per tubi quadri
PRATIK-LOCK for square tubes
PRATIK-LOCK pour tubes carrés
PRATIK-LOCK für quadratischen Röhren

- Quick and very easy installation with screws.
- Excludes welds, cuts and drill holes on the leafs.
- Complete reversibility for right or left application.
- For pedestrian gates (1 door) or driveways (2 doors).
- Disponible dans les version pour tuyaux carrés du 30, 35, 40 et 50 mm ou pour tuyaux rounds du 11/2".
- The choice is between 2 color: green or black micaceous.

- Installation rapide et simple à l'aide du fixation du battants avec vis.
- Exclut soudure, coupes et coupes et crevaisons du battants.
- Entierement réversible.
- Il s'applique aux portails piétons (1 battant) o véhiculaires (2 battants).
- Disponible dans les version pour tuyaux carré du 30, 35, 40 et 50 mm ou pour tuyaux round du 11/2".
- Au choix deux tonalites de couleur: vert pour clôtures ou noir pour fer battu.

- Schnelle und einfache Installation durch Befestigen der Tür mit Schrauben.
- Ausgenommen sind Schweißen, Schneiden und Bohren der Türen.
- Vollständig reversibel für rechte oder linke Anwendung.
- Anwendbar für Fußgängertore (1 Flügel) oder Fahrtoren (2 Flügel).
- In Versionen für Vierkantrohre von 30, 35, 40 und 50 mm sowie für Rundrohre von 11/2 " verfügbar.
- Wahlmöglichkeit zwischen 2 Färbungen: grün für Zäune oder schwarzglimmering für Schmiedeeisen.

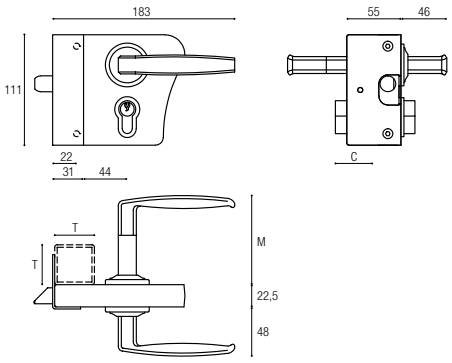


• PRATIK-LOCK per tubi tondi
PRATIK-LOCK for round tubes
PRATIK-LOCK pour tubes ronds
PRATIK-LOCK für runden Röhren

# Kit serratura PRATIK-LOCK completo

Full kit PRATIK-LOCK
Complete kit PRATIK-LOCK
Komplett kit PRATIK-LOCK





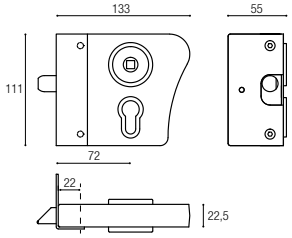

| Cod. | T | M | C | Colour | |
|---|---|---|---|---|---|
| 750K30-V | 30 | 80 | 29 | verde - green - vert - grün | 1 |
| 750K30-N | 30 | 80 | 29 | nero - black - noir - schwarz | 1 |
| 750K35-V | 35 | 85 | 42 | verde - green - vert - grün | 1 |
| 750K35-N | 35 | 85 | 42 | nero - black - noir - schwarz | 1 |
| 750K40-V | 40 | 90 | 42 | verde - green - vert - grün | 1 |
| 750K40-N | 40 | 90 | 42 | nero - black - noir - schwarz | 1 |
| 750K50-V | 50 | 100 | 55 | verde - green - vert - grün | 1 |
| 750K50-N | 50 | 100 | 55 | nero - black - noir - schwarz | 1 |

# Serratura base con frontalino

Base lock with front plate
Serrure base avec frontail
Basisschloss mit Frontplatte





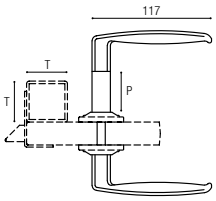



| Cod. | Colour | |
|---|---|---|
| 750V | verde - green - vert - grün | 1 |
| 750N | nero - black - noir - schwarz | 1 |

# Kit maniglia con prolunga

Kit: handle with extension
Kit poignée avec rallonge
Griff-Kit mit Verlängerung



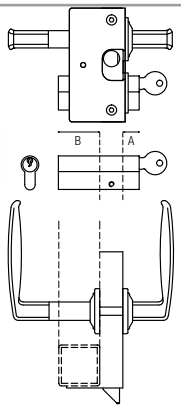



| Cod. | Maniglia<br>Handle<br>Poignée<br>Griff | T - P | |
|---|---|---|---|
| 845P30 | 845 | 30 | 1 |
| 845P35 | 855 | 35 | 1 |
| 845P40 | 855 | 40 | 1 |
| 865P50 | 865 | 50 | 1 |

# Cilindri

Cylinder
Cylindre
Zylinder





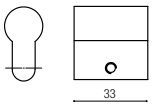

| Cod. | Tubo<br>Tube<br>Tuyau<br>Rohr | Cilindro<br>Lock cylinder<br>Cylindre<br>Zylinder<br>A | <br><br><br><br>B | |
|---|---|---|---|---|
| 750C30 | 30 | 19 | 29 | 1 |
| 750C40 | 35-40 | 16 | 42 | 1 |
| 750C50 | 50 | 19 | 55 | 1 |

# Finto cilindro

False cylinder
Faux cylindre
Gefälschter Zylinder








| Cod. | |
|---|---|
| 750FC | 2 |

# PRATIK-LOCK per tubi quadri

PRATIK-LOCK for square tubes
PRATIK-LOCK pour tubes carrés
PRATIK-LOCK für viereckigen Rohren

## • Versione per applicazioni su tubi quadri da 30, 35, 40, 50 mm

Version for applications on square tubes 30, 35, 40, 50 mm
Version pour tubes carrés du 30, 35, 40, 50 mm
Version für Anwendung auf viereckigen Rohren von 30, 35, 40 und 50 mm



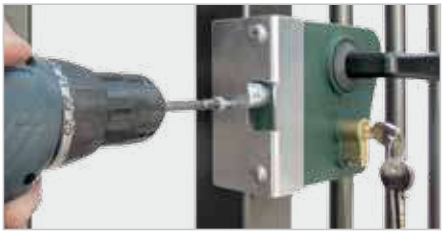
- Scegliere la serratura e l'incontro appropriato allo spessore dell'anta.
- Choose the appropriate lock and lock-stop to the thickness of the leaf.
- Choisir la serrure et le fin de course approprié à l'epaisser de la porte.
- Wählen Sie das Schloss und den passenden Schließer für die Dicke der Tür.



- Smontare il frontalino di protezione.
- Remove the front plate.
- Retirez le frontail avant de protection.
- Bauen Sie die Schutzfrontplatte aus.



- Fissare la serratura allineata all'anta con le 2 viti fornite.
- Fix the lock aligned to the leaf with the 2 screws provided.
- Fixer la serrure de la porte avec les deux vis.
- Befestigen Sie das mit der Tür ausgerichtete Schloss mit den 2 mitgelieferten Schrauben.



- Fissare il frontalino alla serratura ed all'anta.
- Fix the front plate to the lock and on the leaf.
- Fixer le frontail à la serrure et à la porte.
- Befestigen Sie die Frontplatte am Schloss und an den Flüge.



- Allineare e fissare l'incontro alla colonna di arrivo.
- Align and fix the lock-stop to the column.
- Aligner et fixer le fin de course au colonne d'arrivée.
- Richten Sie den Führungsendungstück an der Ankunftskolonne aus und sichern Sie es.

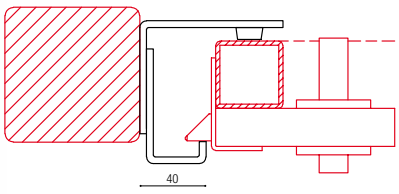


- APPLICATA! Agire eventualmente sulla regolazione dei cardini per migliorare l'accoppiamento tra serratura ed incontro.
- APPLIED! If necessary, adjust the leaf through the hinges to improve the coupling between lock and lock-stop.
- APPLIQUÉE! Si nécessaire, ajustez les gonds pour améliorer le couplage entre serrure et gâche.
- ANGEWANDT! Passen Sie gegebenenfalls den Torbänder an, um die Kupplung zwischen Schloss und Führungsendungstück zu verbessern.

## • Incontro regolabile per anta singola

Adjustable lock-stop for single leaf
Fin de course réglable pour battant
Umstellbarer Anschlag für Einzelflügel



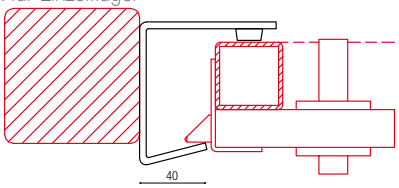



| Cod. | Tubo<br>Tube<br>Tuyau<br>Rohr | |
|---|---|---|
| 770 | 30-35-40-50 | 1 |

## • Incontro fisso per anta singola

Lock-stop for single leaf
Fin de course pour porte
Feste Führungsendungstück für Einzelflügel



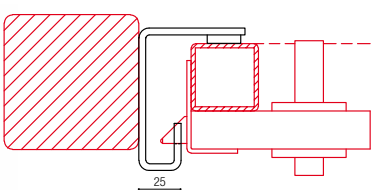



| Cod. | Tubo<br>Tube<br>Tuyau<br>Rohr | |
|---|---|---|
| 775/30 | 30 | 1 |
| 775/35 | 35 | 1 |
| 775/40 | 40 | 1 |
| 775/50 | 50 | 1 |

## • Incontro fisso per anta singola

Lock-stop for single leaf
Fin de course pour porte
Feste Führungsendungstück für Einzelflügel



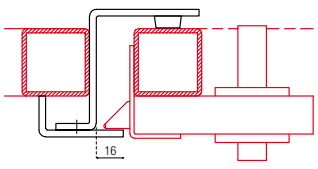



| Cod. | Tubo<br>Tube<br>Tuyau<br>Rohr | |
|---|---|---|
| 777/40 | 40 | 1 |
| 777/50 | 50 | 1 |

## • Incontro regolabile per anta doppia

Adjustable lock-stop for double leaf
Fin de course réglable pour porte double
Feste Führungsendungstück für Doppelflügel






| Cod. | Tubo<br>Tube<br>Tuyau<br>Rohr | |
|---|---|---|
| 780/40 | 40 | 1 |
| 780/50 | 50 | 1 |

# PRATIK-LOCK per tubi tondi

PRATIK-LOCK for round tubes
PRATIK-LOCK pour tubes ronds
PRATIK-LOCK für runden Rohren

• Versione per applicazioni su tubo tondo da 48,3 mm (11/2").
Version for use on round tube 48,3 mm (11/2").
Version pour tubes ronds du 48,3 mm (11/2").
Version für Anwendung auf runden Rohren von 48,3 mm (11/2").



- La serratura si installa grazie al montaggio della piastra accessoria fissata con i collari forniti.
- The lock is installed on the plate fixed with the provided collars.
- La serrure s'installe grâce à l'assemblage avec les étriers.
- Das Schloss soll dank des Einbaues von der mit den ausgestatteten Schellen befestigten Zusatzplatte installiert werden.



- Smontare il frontalino di protezione.
- Remove the front plate.
- Retirez le frontail avant de protection.
- Entfernen Sie die Schutzfrontplatte.



- Fissare la serratura allineata all'anta con le 2 viti fornite.
- Fix the lock aligned to the leaf with the 2 screws provided.
- Fixer la serrure de la porte avec les deux vis.
- Befestigen Sie das mit der Tür ausgerichtete Schloss mit den 2 mitgelieferten Schrauben.



- Fissare il frontalino alla serratura ed all'anta.
- Fix the front plate to the lock and on the leaf.
- Fixer le frontail à la serrure et à la porte.
- Befestigen Sie die Frontplatte am Schloss und an den Flüge.



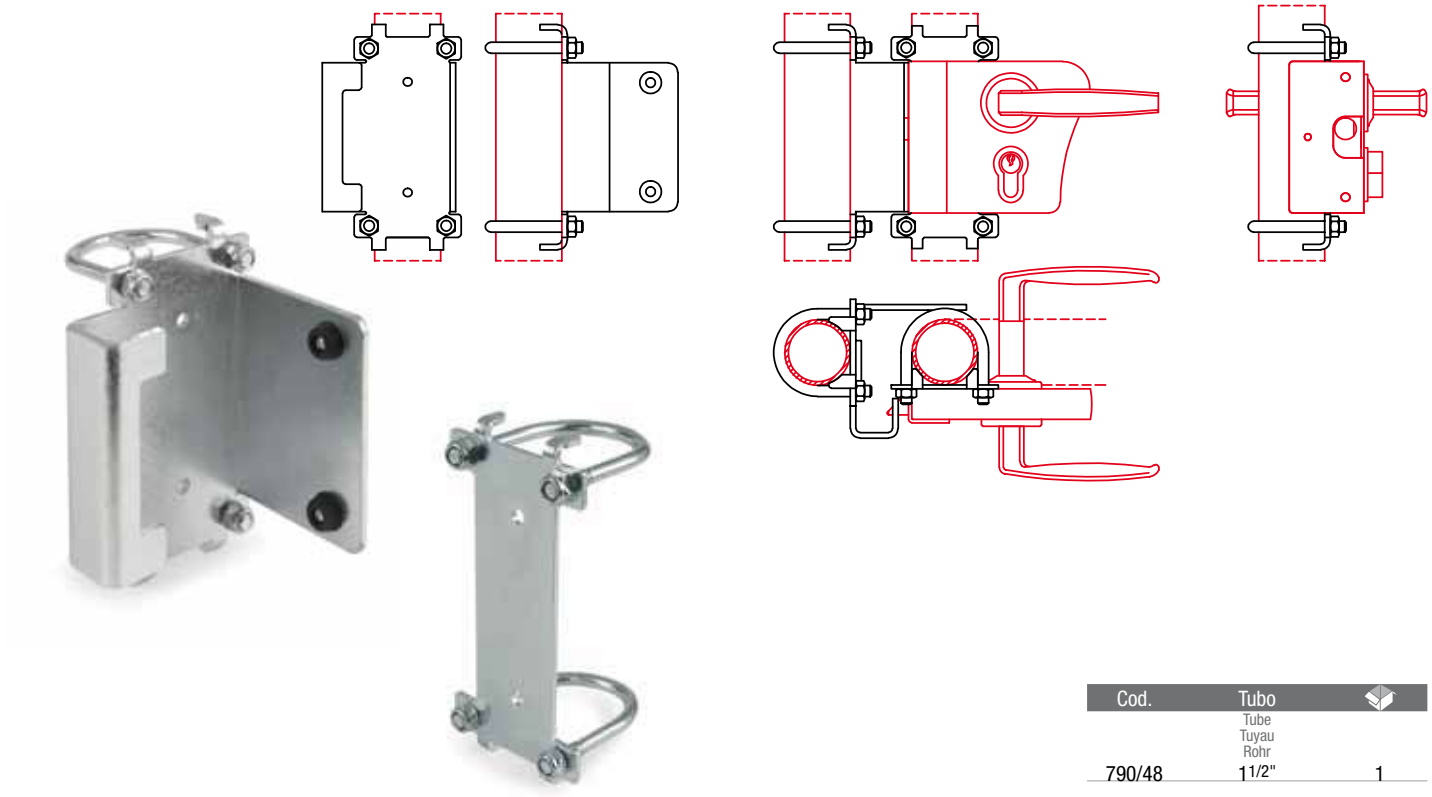
- L'incontro si applica direttamente al tubo di arrivo dell'anta tramite i collari forniti.
- The lock-stop will be applied directly to the column-round-tube with the provided collars.
- Le fin de course s'applique directement sur le tubes d'arrivée avec les étriers.
- Der Führungsendungstück soll direkt auf das Ankunftrohr des Flügels dank der befestigten Zusatzplatte installiert werden.



- APPLICATA! Agire eventualmente sulla regolazione dei cardini per migliorare l'accoppiamento tra serratura ed incontro.
- APPLIED! If necessary, adjust the leaf through the hinges to improve the coupling between lock and lock-stop.
- APPLIQUÉE! Si nécessaire, ajustez les gonds pour améliorer le couplage entre serrure et gâche.
- ANGEWANDT! Passen Sie gegebenenfalls den Torbänder an, um die Kupplung zwischen Schloss und Führungsendungstück zu verbessern.

# Kit di fissaggio con collari per serratura ed incontro su tubi tondi

Fixing kit for lock and lock-stop on round tubes - With collars
Kit de fixation pour serrure et fin de course sur des tubes ronds - avec étriers
Befestigung-Kit für Schloss und Führungsendungstück für Rundrohren - Mit Schellen



| Cod. | Tubo<br>Tube<br>Tuyau<br>Rohr | |
|---|---|---|
| 790/48 | 1 1/2" | 1 |

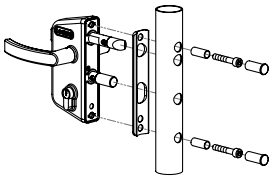
# SERRATURA GARDEN GATE

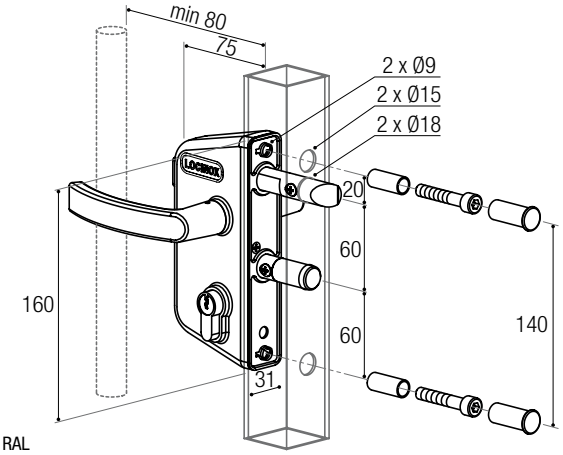
GARDEN GATE LOCK
SERRURE POUR PORTILLON DU JARDIN
GARDEN GATE SCHLOSS












- Guscio in poliammide, meccanismo in acciaio inox, maniglia in zama
- Applicazione reversibile Dx o Sx, solo per tubi quadri o tondi da 40 mm
- Scrocco e catenaccio regolabili 10 mm, corsa 23 mm

Polyamide shell, stainless steel mechanism, zama handle
Right or left reversible application, only for square or round 40 mm tubes
10 mm adjustable latch and bolt, 23 mm stroke

Coquille en polyamide, mécanisme en acier inoxydable, poignée en zama
Application réversible droite ou gauche, uniquement pour tubes carrés ou ronds de 40 mm
Boulon réglable de 10 mm, course de 23 mm

Polyamid Lockbox, Edelstahlgetriebe, Griff aus Zama
Reverse Rechts- und Linksanwendung, nur für 40 mm Quadrat- oder Rundroh
10 mm verstellbaren Falle und Kantriegel - 23 mm Länge

RAL 9005 RAL 6005

| Cod. | Sezione dei supporti<br>Support section<br>Section des supports<br>Abschnitt der Stützen | |
|---|---|---|
| | **Per tubi tondi**<br>Round tube<br>Pour tubes ronds<br>für runde Rohren | |
| 754 | | 1 |
| | **Per tubi quadri**<br>Square tube<br>Pour tubes carrés<br>für viereckige Rohren | |
| 755 | | 1 |

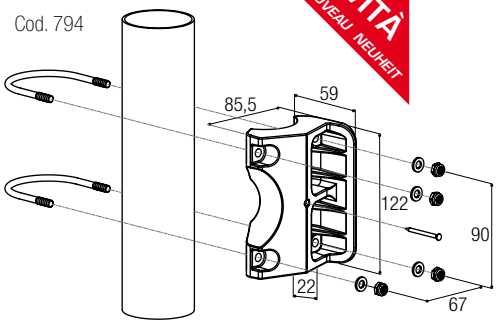
# Incontri per serratura GARDEN GATE

GARDEN GATE keeps
Fin de course Garden Gate
Anschlag für GARDEN GATE Schloss



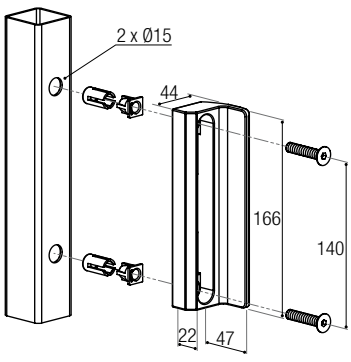
Cod. 794

NOVITÀ
NEW NOUVEAU NEUHEIT






Cod. 795




- Incontri in poliammide
- Reversibili per applicazioni dx o sx
- Fornito con tasselli brevettati Quick-Fix

Polyamide lock-stop
Right or left reversible applications
With patented Quick-Fix dowels

Fin de course en polyamide
Application réversible droite ou gauche
Avec des chevilles brevetées Quick-Fix

Polyamid Anschlag.
Reverse Rechts und Linksanwedung
Mit patentierte Quick-Fix Stücke

RAL 9005 RAL 6005

| Cod. | Sezione dei supporti<br>Support section<br>Section des supports<br>Abschnitt der Stützen | |
|---|---|---|
| | **Per tubi tondi d. 60mm**<br>Round tube<br>Pour tubes rounds<br>für runde Rohren Duchm. 60mm | |
| 794 | | 1 |
| | **Per tubi quadri**<br>Square tube<br>Pour tubes carrés<br>für viereckige Rohren | |
| 795 | | 1 |

# SERRATURA KIDLOCK

KIDLOCK LOCK
KIDLOCK SERRURE
KIDLOCK TÜRSCHLOSS

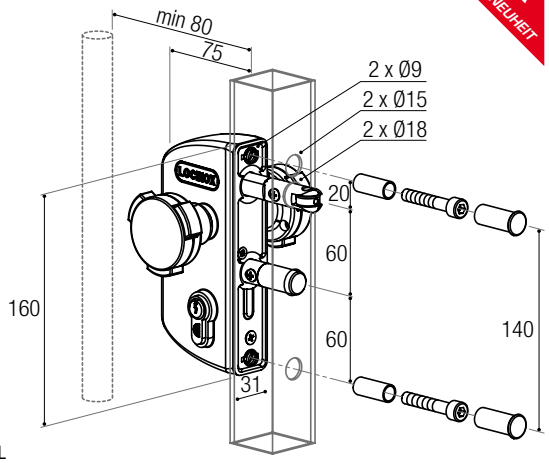








NOVITÀ
NEW NOUVEAU NEUHEIT




- Guscio in poliammide, meccanismo in acciaio inox
- Scrocco a rullo regolabile per chiusura dx o sx
- Pomolo Kidlock di sicurezza, conforme allo standard per piscine NF P90-306

Polyamide shell, stainless steel mechanism
Adjustable roller latch for right or left-hand closure
Kidlock safety knob, complying with swimming pool standard NF P90-306

Coque en polyamide, mécanisme en acier inoxydable
Loquet à galet réglable pour une fermeture à droite ou à gauche
Bouton de sécurité Kidlock, conforme à la norme pour les piscines NF P90-306

Polyamidschale, Edelstahlmechanismus
Einstellbare Rollenverriegelung für Rechts und Linksschließen
Kidlock-Sicherheitsgriff, der dem Standard für Schwimmbäder NF P90-306 entspricht

RAL 9010 RAL 9005 RAL 6005

| Cod. | Sezione dei supporti<br>Support section<br>Section des supports<br>Abschnitt der Stützen | |
|---|---|---|
| | **Per tubi quadri**<br>Square tube<br>Pour tubes carrés<br>für viereckige Rohren | |
| 752/40 | 40 | 1 |
| 752/50 | 50 | 1 |

## Incontri per serratura KIDLOCK

KIDLOCK keep
Fin de course KIDLOCK
Anschlag für KIDLOCK Schloss

NOVITÀ
NEW NOUVEAU NEUHEIT

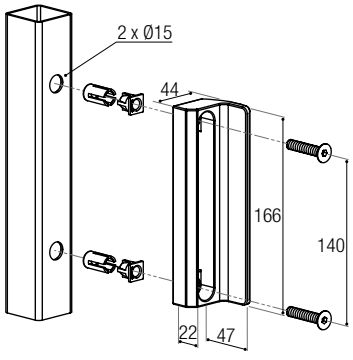


- Incontri in poliammide
- Reversibili per applicazioni dx o sx
- Fornito con tasselli brevettati Quick-Fix

Polyamide lock-stop
Right or left reversible applications
With patented Quick-Fix dowels

Fin de course en polyamide
Application réversible droite ou gauche
Avec des chevilles brevetées Quick-Fix

Polyamid Anschlag.
Reverse Rechts und Linksanwedung
Mit patentierte Quick-Fix Stücke




RAL 9005 RAL 6005

| Cod. | | |
|---|---|---|
| | **Per tubi quadri**<br>Square tube<br>Pour tubes carrés<br>für viereckige Rohren | |
| 795 | | 1 |

# SERRATURA TWIST40

TWIST40 LOCK
SERRURE TWIST40
TWIST40-SCHLOSS

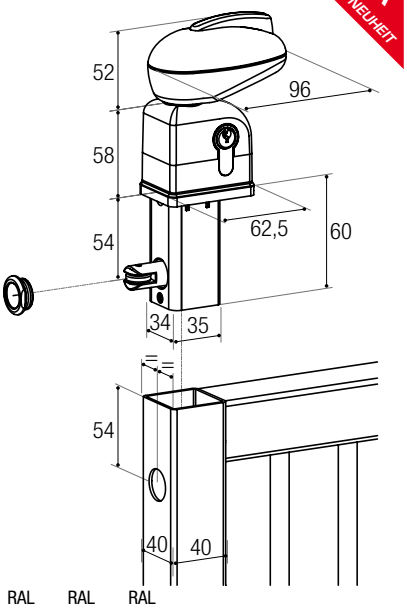








NOVITÀ
NEW NOUVEAU NEUHEIT




- Solo per tubi 40x40x2 mm, meccanismo in acciaio inox
- Scrocco a rullo regolabile per chiusura dx o sx
- Pomolo con ergonomia conforme allo standard per piscine NF P90-306

Only for 40x40x2 mm tubes, stainless steel mechanism
Adjustable roller latch for right or left-hand closure
Ergonomically designed knob in compliance with NF P90-306 swimming pool standard

Uniquement pour tuyaux 40x40x2 mm, mécanisme en acier inoxydable
Loquet à galet réglable pour fermeture à droite ou à gauche
Bouton d'ergonomie conforme à la norme pour les piscines NF P90-306

Nur für Rohre 40x40x2 mm, Edelstahlmechanismus
Einstellbare Rollenverriegelung für Rechts und Linksschließen
Griff mit Ergonomie, die dem Standard für Schwimmbäder NF P90-306 entspricht

RAL 9010 RAL 9005 RAL 7040

| Cod. | |
|---|---|
| 753 | 1 |

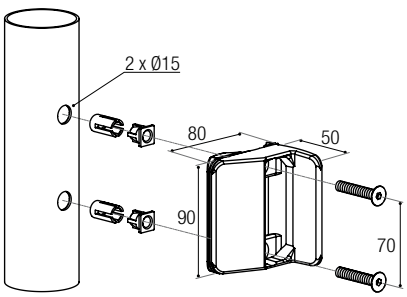
# Incontri per serratura TWIST40

TWIST40 keeps
Fin de course TWIST40
Anschlag für TWIST40 Schloss

NOVITÀ
NEW NOUVEAU NEUHEIT

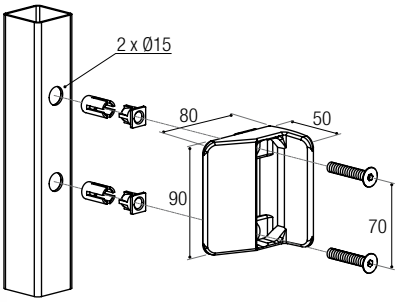
Cod. 798






Cod. 793






- Per tubi quadri da 40 mm o superiori, per tubi tondi d.60 mm
- solo per serratura TWIST40, fissaggio con tasselli Quick-Fix

For square tubes of 40 mm or more, for round tubes d.60 mm
Only for TWIST40 lock, to be fixed with Quick-Fix dowels

Pour tubes carrés de 40 mm ou plus, pour tubes ronds de 60 mm
Uniquement pour serrures TWIST40, fixation avec chevilles Quick-Fix

Für Vierkantrohre von 40 mm oder mehr, für Rundrohre von 60 mm
Nur für TWIST40-Schloss, Befestigung mit Quick-Fix-Steckern

RAL 9005

| Cod. | Sezione dei supporti<br>Support section<br>Section des supports<br>Abschnitt der Stützen | |
|---|---|---|
| | **Per tubi tondi d. 60mm**<br>Round tube<br>Pour tubes ronds<br>für runde Rohren Duchm. 60mm | |
| 798 | | 1 |
| | **Per tubi quadri**<br>Square tube<br>Pour tubes carrés<br>für viereckige Rohren | |
| 793 | | 1 |

# SERRATURA ORNAMENTALE

ORNAMENTAL LOCK
SERRURE STYLE FER FORGÉ
ORNAMENTAL LOCK





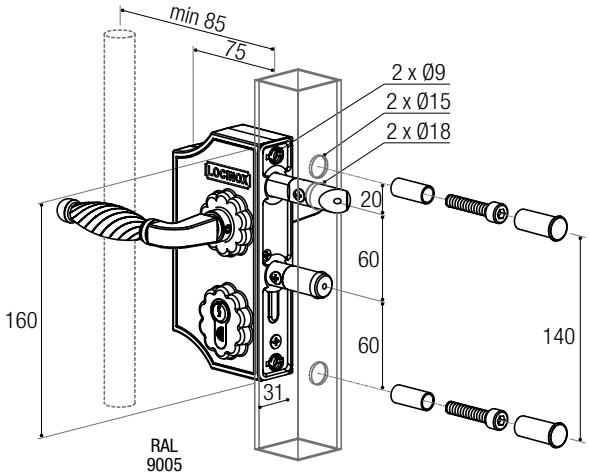


- Guscio in alluminio, meccanismo in acciaio inox, maniglia in zama
- Applicazione reversibile Dx o Sx, per tubi quadri da 40 mm
- Scrocco e catenaccio regolabili 10 mm, corsa 23 mm

Aluminium shell, stainless steel mechanism, zama handle
Right or left reversible application, only for square 40 mm tubes
10 mm adjustable latch and bolt, 23 mm stroke

Coquille en aluminium, mécanisme en acier inoxydable, poignée en zama
Application réversible droite ou gauche, pour tubes carrés de 40 mm
Boulon réglable de 10 mm, course de 23 mm

Aluminiumschale, Edelstahlmechanismus, Zamakgriff
Reverse Rechts und Linksanwedung, nur für 40 mm Quadratsrohr
10 mm verstellbaren Falle und Kantriegel - 23 mm Weg




RAL 9005

| Cod. | Tubo<br>Tube<br>Tuyau<br>Rohr | |
|---|---|---|
| 756/40 | 40>50 | 1 |

## Incontro per serratura ORNAMENTALE

ORNAMENTAL keep
Fin de course ORNAMENTAL
Anschlag für ORNAMENTAL Schloss

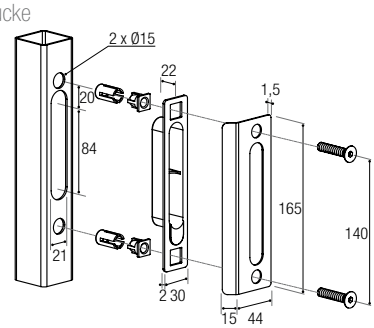
- Incontro in poliammide ad incastro
- Per tubi quadri da 40 mm
- Fornito con tasselli brevettati Quick-Fix

Interlocking polyamide lock-stop
For square 40 mm tubes
With patented Quick-Fix dowels

Raccordement en polyamide avec connecteur
Pour tubes carrés de 40 mm
Avec des chevilles brevetées Quick-Fix

Polyamid Steckanschlag
Für 40 mm Quadratsrohr
Mit patentierte Quick-Fix Stücke






RAL 9005

| Cod. | Tubo<br>Tube<br>Tuyau<br>Rohr | |
|---|---|---|
| 796/40 | 40 | 1 |

## Incontro ORNAMENTALE con scatola

ORNAMENTAL keep with box
Fin de course ORNAMENTAL avec la boîte
Anschlag für ORNAMENTAL Schloss mit Schachtel

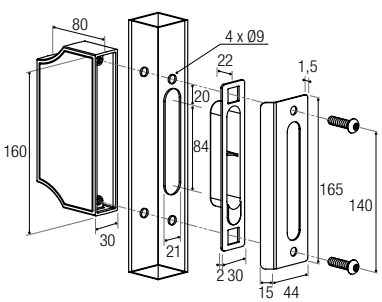
- Incontro in poliammide ad incastro con scatola
- Per tubi quadri da 40 mm
- Fornito con tasselli brevettati Quick-Fix

Interlocking polyamide lock-stop with box
For square 40 mm tubes
With patented Quick-Fix dowels

Raccordement en polyamide avec avec boîte
Pour tubes carrés de 40 mm
Avec des chevilles brevetées Quick-Fix

Polyamid Steckanschlag mit Schachtel
Für 40 mm Quadratsrohr
Mit patentierte Quick-Fix Stücke






RAL 9005

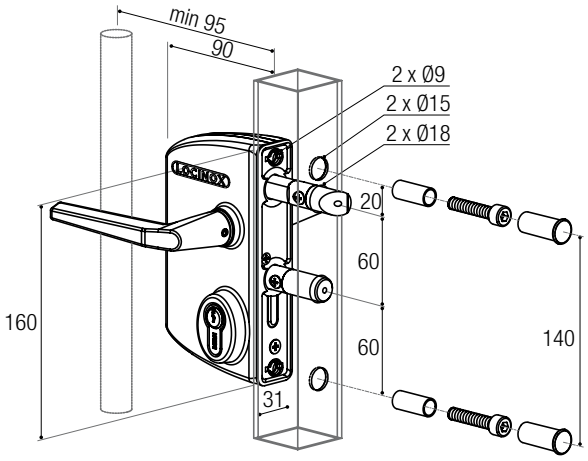
| Cod. | Tubo<br>Tube<br>Tuyau<br>Rohr | |
|---|---|---|
| 796-B/40 | 40 | 1 |

# SERRATURA INDUSTRIALE

INDUSTRIAL LOCK
SERRURE INDUSTRIELLE
INDUSTRIESCHLOSS






- Guscio e maniglia in alluminio, meccanismo in acciaio inox
- Applicazione reversibile Dx o Sx, per tubi quadri da 40 mm
- Scrocco e catenaccio regolabili 20 mm, corsa 23 mm

Aluminium shell and handle, stainless steel mechanism
Right or left reversible application, for square 40 mm tubes
10 mm adjustable latch and bolt, 23 mm stroke

Coquille et poignée en aluminium, mécanisme en acier inoxydable
Application réversible droite ou gauche, pour tubes carrés de 40 mm
Boulon réglable de 10 mm, course de 23 mm

Aluminiumschale und Griff, Edelstahlgetriebe
Umkehrbare Rechts- und Linksanwendung, nur für 40 mm Quadratsrohr
20 mm verstellbaren Falle und Kantriegel - 23 mm Weg

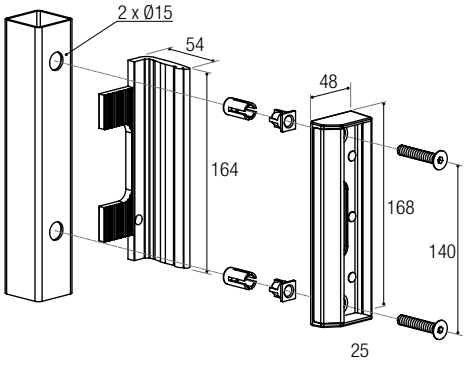
ZILV

| Cod. | Tubo<br>Tube<br>Tuyau<br>Rohr | |
|---|---|---|
| 757/40 | 40>50 | 1 |

## Incontro per serratura INDUSTRIALE

INDUSTRIAL keep
Fin de course INDUSTRIEL
Anschlag für Industrieschloss






- Incontro in acciaio inox
- Applicazione reversibile Dx o Sx, per tubi quadri da 40 a 60 mm
- Fornito con tasselli brevettati Quick-Fix

Stainless steel lock-stop
Right or left reversible application, for square 40 mm to 60 mm tubes
With patented Quick-Fix dowels

Battent fin de course en acier inoxydable
Application réversible droite ou gauche, pour tubes carrés de 40 à 60 mm
Avec des chevilles brevetées Quick-Fix

Edelstahlanschlag
Umkehrbare Rechts- und Linksanwendung, nur für Quadratsrohr von 40 bis 60 mm
Mit patentierte Quick-Fix Stücke

ALUM

| Cod. | Tubo<br>Tube<br>Tuyau<br>Rohr | |
|---|---|---|
| 797 | 40>60 | 1 |

# APPLICAZIONE UNIFICATA PER CANCELLI AD ANTA

UNIFIED APPLICATION FOR GATE-UP GATES
APPLICATION UNIFIÉE POUR PORTAILS BATTANTS
NORMANWENDUNG FÜR FLÜGELTORE

- Le serrature esterne per anta Locinox sono unificate per le misure dei fori e degli interassi tra scrocchi, catenacci e fori di fissaggio

  The external locks for Locinox doors are unified for the measurements of the holes and the distances between latches, bolts and fixing holes

  Les serrures externes pour les battants Locinox sont unifiées pour les mesures des trous et les distances entre les loquetsles, les boulons et les trous de fixation

  Die externen Schlösser für Locinox-Anten sind für die Messungen der Löcher und der Abstände zwischen Fallen und Kantriegel und Befestigungslöchern vereinheitlicht















- Sono così intercambiabili tra loro ed il tubo preforato unificato consente di soddisfare l'applicazione con estrema facilità di tutti i modelli per ante con applicazione esterna

  They are interchangeable with each other and the unified preforated pipe allows the application of all the models for doors with external application to be easily satisfied

  Ils sont ainsi interchangeables entre eux; le tube pre-foré et unifié permet de satisfaire l'application avec une extrême facilité de tous les modèles de portes à application externe

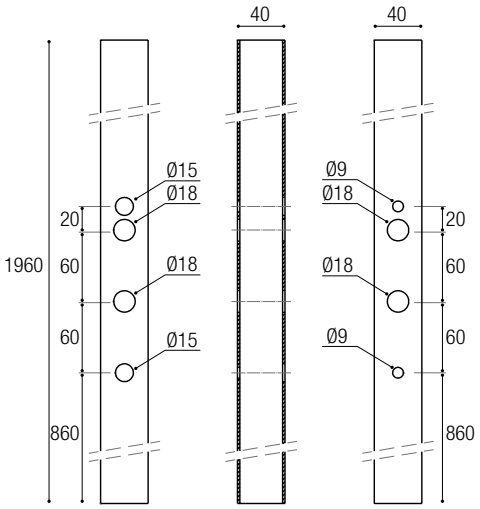
  Sie sind untereinander austauschbar und das einheitliche vorgebohrte Rohr ermöglicht eine einfache Erfüllung der Anwendung aller Modelle für Türen mit äußerer Anwendung

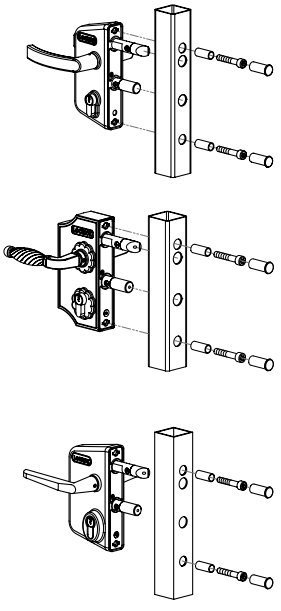


## Tubo preforato per serrature GARDEN GATE - ORNAMENTALE - INDUSTRIALE

Pre-drilled tube for GARDEN GATE – Ornamental – Industrial locks
Tube pré-foré pour les serrures GARDEN GATE – ORNEMENTALS INDUSTRIELS
Vorgelochte Rohr für GARDEN GATE, ZIER-, und INDUSTRIESchlösser





- Forature unificate per tutte le serrature per ante con applicazione esterna al montante
- Tubo 40x40 spessore 2 mm

  Unified holes for all door locks with external application to the column
  Tube 40x40 - thickness 2 mm

  Trous unifiés pour toutes les serrures de porte avec application externe sur le montant
  Tube 40x40, épaisseur 2 mm

  Einheitliche Löcher für alle Türschlösser mit äußerer Anwendung am Pfosten
  40x40 Rohr - 2mm Dicke

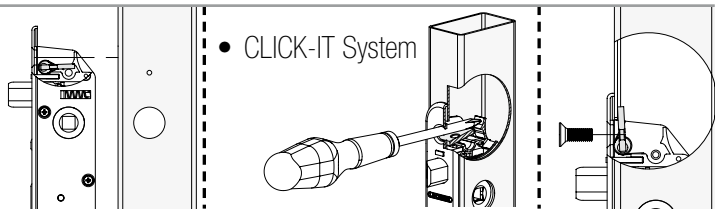
| Cod. | Tubo<br>Tube<br>Tuyau<br>Rohr | |
|---|---|---|
| 758-SV | 40x40x2 | 1 |

# SERRATURE DA INFILARE

INSERTING LOCKS
SERRURES À ENFILER
EINSTECKSCHLÖSSER

## Serratura INSERT-LOCK

Locks INSERT-LOCK
Serrure INSERT-LOCK
INSERT-LOCK Schloss



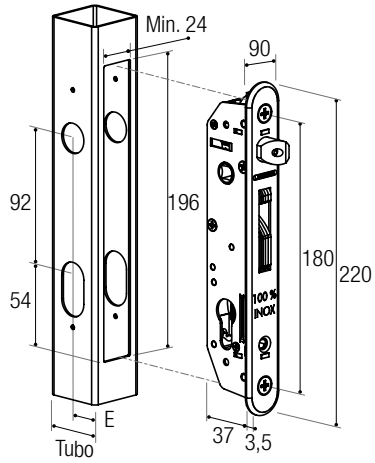



- Serratura ad incastro in **acciaio inox**
- Dotate di gancio e scrocco reversibile e regolabile fino a 10 mm
- Per ante in metallo, alluminio e PVC, con sistema brevettato di aggancio CLICK-IT
- Disponibile in kit cod. 759-KIT

Locking lock in **stainless steel**
Equipped with hook and latch reversible and adjustable up to 10 mm
For metal, aluminum and PVC doors, with patented CLICK-IT hooking system
Available in Kit cod. 759-KIT

Serrure à emboîtement en **acier inoxydable**
Avec un crochet et d'un loquet réversibles et réglables jusqu'à 10 mm
Pour les portes en métal, aluminium et PVC, avec système d'accrochage CLICK-IT breveté
Disponible en Kit cod. 759-KIT

Verriegelungsnut aus **Edelstahl**
Mit Haken und Riegel reversibel und verstellbar bis 10 mm
Für Türen aus Metall, Aluminium und PVC, mit patentierten CLICK-IT-Haken-System
Erhältlich in Kits cod. 759-KIT




| Cod. | E | Tubo<br>Tube<br>Tuyau<br>Rohr | |
|---|---|---|---|
| 759/40 | 20 | 40 | 1 |
| 759/50 | 30 | 50 | 1 |
| 759/60 | 40 | 60 | 1 |



- Kit serratura con maniglia, cover e cilindro
  Lock kit with handle, cover and cylinder
  Kit de serrure avec poignée, couvercle et cylindre
  Schlosssatz mit Griff, Abdeckung und Zylinder

NOVITÀ
NEW NOUVEAU NEUHEIT

| Cod. | Tubo<br>Tube<br>Tuyau<br>Rohr | | |
|---|---|---|---|
| 759/40-KIT | 40 | 174/54 | 1 |

## Incontro per serrature INSERT-LOCK

INSERT-LOCK keep
Fin de course INSERT-LOCK
Anschlag für INSERT-LOCK Schloss

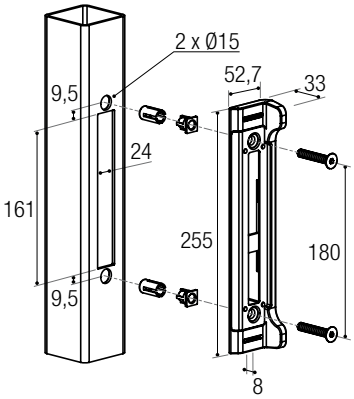


- Incontro in alluminio e poliammide per profili quadri
- Applicazione reversibile Dx o Sx
- Fornito con tasselli brevettati Quick-Fix

Aluminum and polyamide keep for square profiles
Right or left reversible application
With patented Quick-Fix dowels

Battant fin de course en aluminium et polyamide pour les profils carrés
Application réversible droite ou gauche
Avec des chevilles brevetées Quick-Fix

Anschlag aus Aluminium und Polyamid für quadratische Profile
Umkehrbare Rechts- und Linksanwendung
Mit patentierten Quick-Fix-Dübeln




| Cod. | Tubo<br>Tube<br>Tuyau<br>Rohr | |
|---|---|---|
| 799 | 40 | 1 |

# Serratura con catenaccio scorrevole

Lock with sliding deadbolt
Serrure avec cadenas coulissant
Europäisches Zylinderschloss mit verschiebbarem Riegel

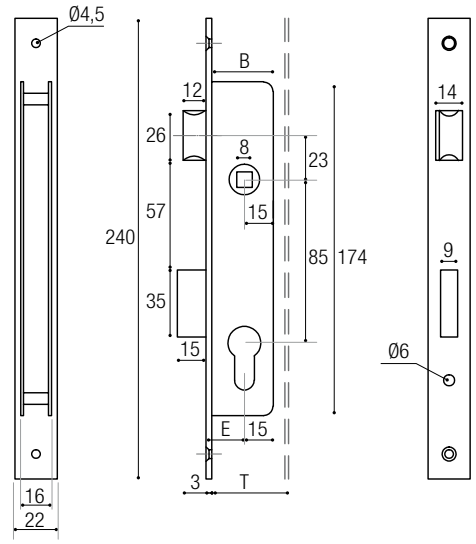


- Frontale con scrocco e catenaccio cromati
- Cassa in acciaio verniciato
- Scrocco reversibile dx-sx
- Disponibile in Kit cod. 761-KIT

Front with nickel-plated latch and bolt
Case in painted steel
Right or left reversible latch
Available in Kit cod. 761-KIT

Frontail avec loquet et boulon nickelés
Boîtier en acier peint
Loquet réversible droite ou gauche
Disponible en Kit cod. 761-KIT

Frontplatte mit vernickeltem Falle und Kantriegel
Schachtel aus lackiertem Stahl
Rechts-links-Verriegelung
Erhältlich in Kits cod. 761-KIT




| Cod. | E | T | B | |
|---|---|---|---|---|
| 761/20 | 20 | 40 | 32 | 1 |
| 761/25 | 25 | 50 | 37 | 1 |





NOVITÀ NEW NOUVEAU NEUHEIT

- Kit serratura con maniglia, cover e cilindro
  Lock kit with handle, cover and cylinder
  Kit de serrure avec poignée, couvercle et cylindre
  Schlosssatz mit Griff, Abdeckung und Zylinder

| Cod. | E | T | B | | | |
|---|---|---|---|---|---|---|
| 761/20-KIT | 20 | 40 | 32 | 835 | 27/27 | 1 |
| 761/25-KIT | 25 | 50 | 37 | 845 | 30/30 | 1 |

# Serratura con catenaccio a baionetta

Lock with bayonet lock
Serrure avec cadenas à baïonnette
Schloss mit Bajonettverschluss

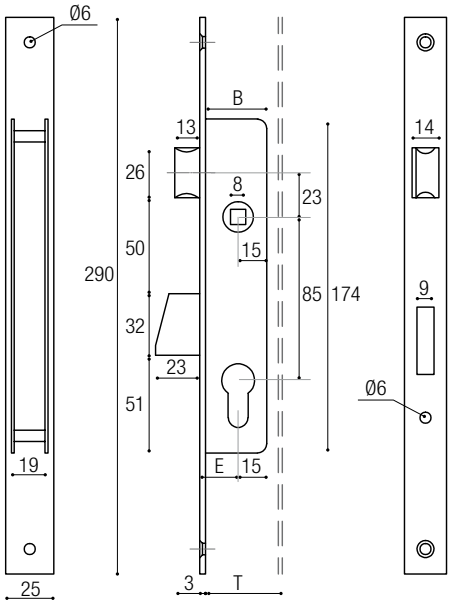


- Frontale, scrocco e catenaccio basculante cromati
- Cassa in acciaio verniciato
- Scrocco regolabile e reversibile dx-sx
- Disponibile in Kit cod. 762-KIT

Nickel-plated front plate, latch and bolt
Case in painted steel
Right or left reversible and adjustable latch
Available in Kit cod. 762-KIT

Frontail avec loquet et boulon basculant nickelés
Boîtier en acier peint
Loquet réglable et réversible droite ou gauche
Disponible en Kit cod. 762-KIT

Vernickelte Frontplatte, Falle und Riegel
Schachtel aus lackiertem Stahl
Einstellbare und umkehrbare F dx-sx
Erhältlich in Kits cod. 762-KIT




| Cod. | E | T | B | |
|---|---|---|---|---|
| 762/25 | 25 | 40 | 37 | 1 |
| 762/30 | 30 | 50 | 42 | 1 |





NOVITÀ NEW NOUVEAU NEUHEIT

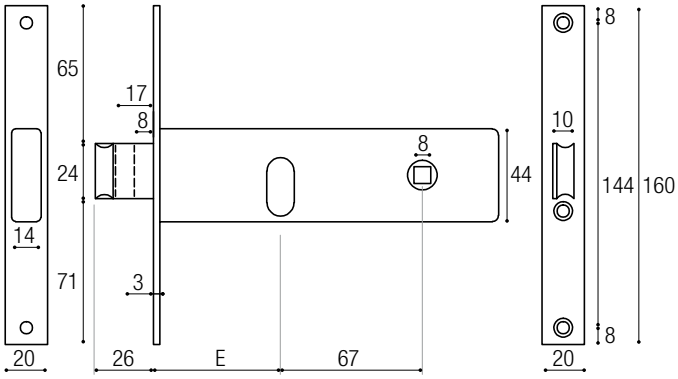
- Kit serratura con maniglia, cover e cilindro
  Lock kit with handle, cover and cylinder
  Kit de serrure avec poignée, couvercle et cylindre
  Schlosssatz mit Griff, Abdeckung und Zylinder

| Cod. | E | T | B | | | |
|---|---|---|---|---|---|---|
| 762/25-KIT | 25 | 40 | 37 | 835 | 27/27 | 1 |
| 762/30-KIT | 30 | 50 | 42 | 845 | 30/30 | 1 |

# Serratura da fascia a cilindro ovale

Band lock with oval cylinder
Serrure à bande avec cylindre ovale
Bandschloss mit ovalem Zylinder






- Cassa zincata
- Frontale e scrocco nichelati

Galvanized case
Nickel-plated front and latch

Boîtier galvanisé
Frontail et verrou nickelés

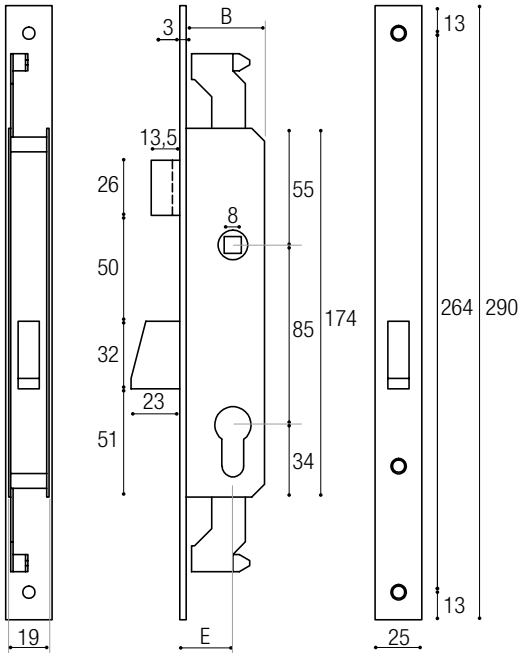
Galvanisiertes Schachtel
Vernickelte Frontplatte und Falle

| Cod. | E | |
|---|---|---|
| 766/70 | 70 | 1 |
| 766/80 | 80 | 1 |

# Serratura da infilare a cilindro europeo

European cylinder lock to be inserted
Serrure à cylindre européen à enfiler
Europäisches Zylinderseinsteckschloss zum Schrauben






- Cassa verniciata. Frontale, catenaccio e scrocco nichelati
- Catenaccio bloccabile con chiave
- Agganci per aste M8 preassemblati

Painted case. Front, bolt and adjustable nickel-plated latch
Lockable bolt with key
Preassembled M8 rod hooks

Boîtier peint. Frontail, boulon et verrou réglable nickelés
Cadenas verrouillable avec clé
Accrochages pour barres M8 pré-assemblés

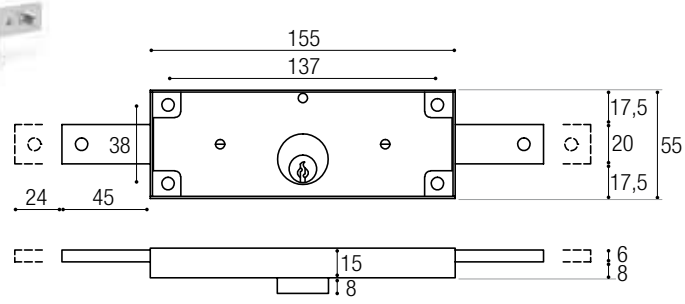
Gemaltes Schachtel. Frontplatte, Riegel und verstellbare vernickelte Falle
Abschließbarer Riegel mit Schlüssel
Vormontierte M8-Stangenkupplungen

| Cod. | E | B | |
|---|---|---|---|
| 767/25 | 25 | 40 | 1 |
| 767/30 | 30 | 45 | 1 |

# Serratura per serranda

Lock for damper
Serrure de fermeture
Rolladenschloss






- Cassa e catenacci zincati
- Cilindro in ottone con 3 chiavi

Case and galvanized bolts
Brass cylinder with 3 keys

Boîtier et boulons galvanisés
Cylindre en laiton avec 3 clés

Schachtel und verzinkte Riegel
Messingzylinder mit 3 Schlüsseln

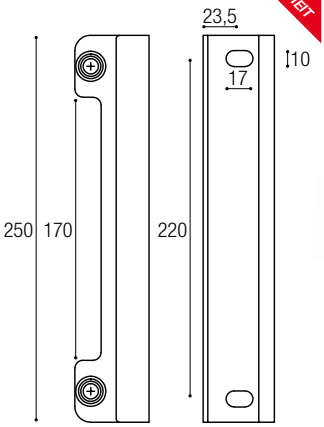
| Cod. | |
|---|---|
| 768 | 1 |

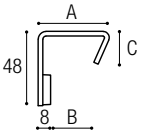
# Incontri battenti per serrature ad infilare

Swing keepers for mortise locks
Battants pour serrures à enfiler
Gegenplatten für Einsteckschlösser

NOVITÀ NEW NOUVEAU NEUHEIT



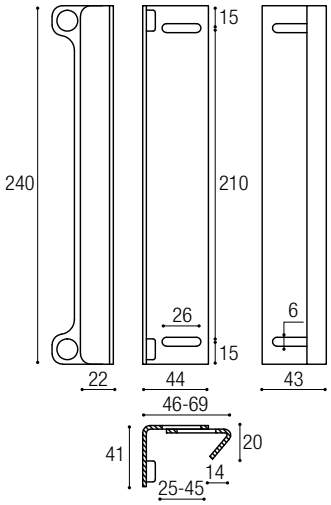



- Versione fissa
  Fixed version
  Version fixe
  feste Version

| Cod. | Tubo<br>Tube<br>Tuyau<br>Rohr | A | B | C | |
|---|---|---|---|---|---|
| 769/40 | 40 | 46 | 28 | 21 | 1 |
| 769/50 | 50 | 48 | 33 | 23 | 1 |





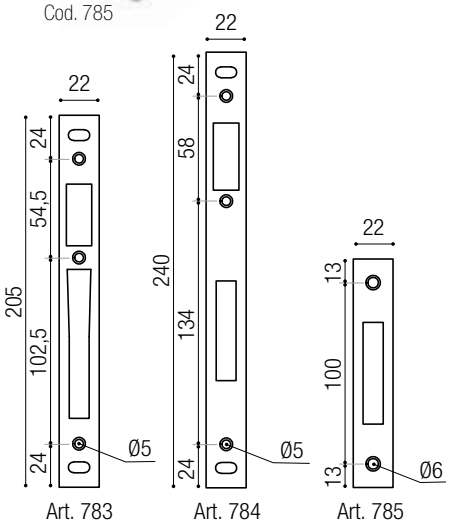

- Versione regolabile
  Adjustable version
  Version réglable
  Einstellbare Version

| Cod. | Tubo<br>Tube<br>Tuyau<br>Rohr | |
|---|---|---|
| 771 | 30-80 | 8 |

# Contropiastre per serrature

Counterplates for locks
Contreplaques pour serrures
Gegenplatten für Schlosser




- In acciaio nichelato
- Spessore 3 mm

Nickel-plated steel
Thickness 3 mm

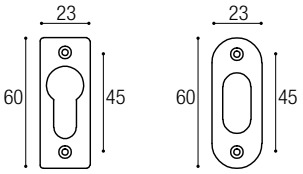
Fabriqué en acier nickelé
Épaisseur 3 mm

aus vernickelter Stahl
3 mm Dicke

| Cod. | Serrature<br>Locks<br>Serrures<br>Schlösser | |
|---|---|---|
| 783 | 762 | 1 |
| 784 | 761 | 1 |
| 785 | 766 | 1 |

# Bocchette per cilindri

Nozzles for cylinders
Buses de verrouillage
Schlösserdüse







| Cod. | Serrature<br>Locks<br>Serrures<br>Schlösser | |
|---|---|---|
| 787 | 761-762-767 | 10 |
| 788 | 766 | 10 |

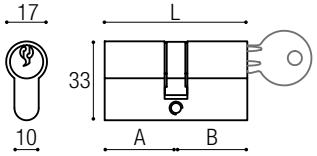
# Cilindri per serrature

Cylinders for locks
Cylindres pour serrures
Zylinder für Schlösser


Cod. 174


Cod. 174H

Cilindro di sicurezza
Security cylinder - Cylindre de sécurité - Sicherheitszylinder



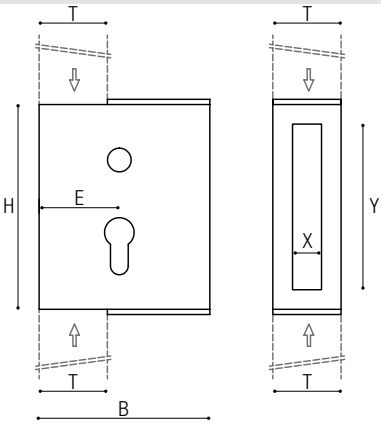

| Cod. | L | A | B | |
|---|---|---|---|---|
| 174/54 | 54 | 27 | 27 | 1 |
| 174/60 | 60 | 30 | 30 | 1 |
| 174/70 | 70 | 35 | 35 | 1 |
| 174H-60 | 60 | 30 | 30 | 1 |

# SCATOLE INTEGRALI COPRISERRATURA

INTEGRAL LOCK COVER
COUVERCLES DE SERRURE INTÉGRALS
VOLLSTÄNDIGE SCHLOSSDECKELSCHACHTEL








| | Cod. | Rif. Serratura<br>Code Lock<br>Code serrure<br>Schloss | Chiave<br>Key<br>Clé<br>Schlüssel | T | E | H | B | X | Y | |
|---|---|---|---|---|---|---|---|---|---|---|
| • Inferriate<br>Window's grilles<br>Grilles<br>Eisengitter | 2501.60 | Cisa 56016-60 | | 40 | 60 | 150 | 120 | 18 | 130 | 10 |
| | 2502.60 | Cisa 57016-60<br>Iseo 663301604<br>Assa Abloy 91014-60 | | 40 | 60 | 150 | 120 | 18 | 130 | 10 |
| • Cancelli e porte<br>Gates and doors<br>Portails et portes<br>Toren und Türen | 2551.50 | Cisa 42312-50 | | 40 | 50 | 120 | 100 | 18 | 100 | 10 |
| | 2561.45 | Iseo 600450 | | 40 | 45 | 130 | 100 | 19 | 110 | 10 |
| | 2581.60 | Cisa 5C611-60<br>Iseo 29110560<br>Assa Abloy PS30203-60 | | 40 | 60 | 210 | 100 | 17 | 185 | 10 |

- Riusciamo a produrre le scatole adeguate ad ogni tipo di serratura Fatene richiesta
- Semplifica la costruzione delle ante cancello, diventa secondaria la quota E dell'entrata del cilindro, non più vincolata alla misura del montante
- Rispettano gli interassi delle serrature per l'alloggiamento di cilindri e maniglie
- Sono dotate di scarichi per la zincatura

- We can produce the suitable boxes for each type of lock. Make it request
- This system simplifies the construction of the gate. In this way, the E size about the cylinder becomes secondary and independent from the size of the tube
- The holes on the cover respect the measure of the locks for the housing of cylinders and handles
- They are equipped with drains for galvanizing

- Nous sommes capables de produire les couvercles appropriés pour chaque type de serrure. Faites une requête
- Ce système simplifie la costruction de la grille. La dimension E de l'entrée du cylindre devient secondaire: ce n'est plus liée à la taille du montant
- Les trous sur les boites respectent les interasses du serrures correspondants pour l'insertion du cylindre et des poignées
- Ils sont dotés du dechargements pour la zingage

- Wir können für jeden Schloss geeigneten Schachtel herstellen. Suche darum an!
- Dieses System erleichtert den Bau von Torenflügel: auf diese Weise wird der E-Wert des Zylindereintritt sekundär - nicht mehr am Ständer gebunden
- Die Schachtelsbohrungen beachten die Achsenabstände der Schlösser für den Sitz von Zylinder und Griffe
- Mit Verzinkungsabladungen

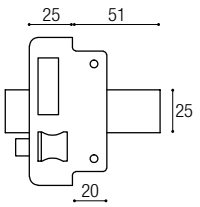
# Serratura meccanica da applicare

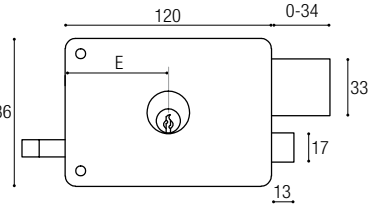
Mechanical lock to be applied
Serrure mécanique à appliquer
Mechanische Schloss zur Anwendung

- Fornita con bocchetta, 3 chiavi, viti e rosetta
  With nozzle, 3 keys, screws and rosette
  Avec buse, 3 clés, vis et rosace
  Mit Düse, 3 Schlüsseln, Schrauben und Rosette

- Appl. DX
  Right application
  Application à droite
  Rechtsanwendung





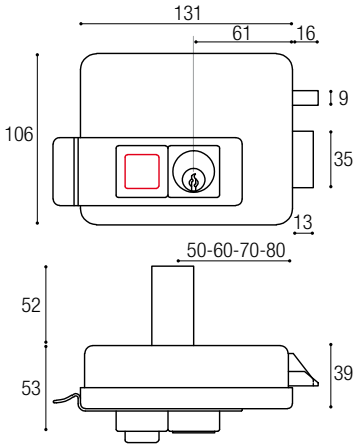




| Cod. | E | |
|---|---|---|
| 763/60D | 60 | 1 |
| 763/60S | 60 | 1 |

# Elettroserrature

Electrick lock
Serrure életrique
Elektroschloss






- Serratura con bocchetta zincata e verniciata
- Scrocco autobloccante e fermo a giorno
- Pulsante e cilindro interno. - Tensione 12V ca CE
- Con tettuccio zincato, 3 chiavi ed istruzioni

Lock with galvanized and painted nozzle
Self-locking latch and open stopper
Internal button and cylinder. 12V voltage CE
Equipped with nozzle, screws, 3 keys and instructions

Serrure avec buse galvanisée et peinte
Loquet autobloquant et bouchon ouvert
Bouton et cylindre interne. - Tension 12V CE
Avec buse, vis, 3 clés, verrière et instructions

Schloss mit verzinkter und lackierter Düse
selbstsichernde Falle und offener Stopper
Knopf und interner Zylinder. Spannung 12V ca CE
mit verzinktem Dach, 3 Schlüsseln und Anleitung



| | Cod. | Versione<br>Version<br>Version<br>Version | |
|---|---|---|---|
| • Senza pulsante di sblocco<br>Without release button<br>Sans bouton de déverrouillage<br>Ohne Entriegelungstaste | 765-D | Dx | 1 |
| | 765-S | Sx | 1 |

| | Cod. | Versione<br>Version<br>Version<br>Version | |
|---|---|---|---|
| • Con pulsante di sblocco<br>With release button<br>Avec bouton de déverrouillage<br>Mit Entriegelungstaste | 765-DP | Dx | 1 |
| | 765-SP | Sx | 1 |

## Kit prolunga per cilindro elettroserrature

Extension kit for electric lock cylinder
Kit d'extension pour cylindre de serrure électrique
Erweiterungssatz für Elektroschlosszylinder



NOVITÀ
NEW NOUVEAU NEUHEIT

| Cod. | |
|---|---|
| 765-PK | 1 |

## Serratura elettrica in kit con battente a fissare

Electric lock in kit with swing keep
Kit serrure électrique avec battant à fixer
Elektroschlosskit mit Flügel zum Fiexieren





NOVITÀ
NEW NOUVEAU NEUHEIT

| | Cod. | Cod. Serratura<br>Locks<br>Serrure<br>Schloss Code | Cod Battente<br>Stops<br>Battants<br>Flügel Code | |
|---|---|---|---|---|
| • Senza pulsante di sblocco<br>Without release button<br>Sans bouton de déverrouillage<br>Ohne Entriegelungstaste | 765K40-D | 765-D | 27/40 NA | 1 |
| | 765K40-S | 765-S | 27/40 NA | 1 |
| | 765K50-D | 765-D | 27/50 NA | 1 |
| | 765K50-S | 765-S | 27/50 NA | 1 |
| | 765K60-D | 765-D | 27/60 NA | 1 |
| | 765K60-S | 765-S | 27/60 NA | 1 |
| • Con pulsante di sblocco<br>With release button<br>Avec bouton de déverrouillage<br>Mit Entriegelungstaste | 765K40-DP | 765-DP | 27/40 NA | 1 |
| | 765K40-SP | 765-SP | 27/40 NA | 1 |
| | 765K50-DP | 765-DP | 27/50 NA | 1 |
| | 765K50-SP | 765-SP | 27/50 NA | 1 |
| | 765K60-DP | 765-DP | 27/60 NA | 1 |
| | 765K60-SP | 765-SP | 27/60 NA | 1 |

- Battenti 27NA a pag. 89
  Swing keeps 27NA - page 89
  Battantes 27NA à la p. 89
  Anschlag 27NA - Seite 89

# CATENACCI E CHIUSURE

BOLTS AND CLOSURES
VERROUS ET FERMETURES
RIEGEL UND VERSCHLÜSSE













# Catenacci e chiusure

Bolt and closures
Verrous et fermetures
Riegel und Verschlüsse


Catenacci 116
Bolts
Verrou
Riegel

Chiusure varie 134
Various closures
Fermetures diverses
Verchiedene Verschlüsse

Accessori per legno 136
Wood accessories
Accessoires pour le bois
Zubehör für Holz

Accessori per recinzioni ed inferriate 142
Accessories for fences and gratings
Accessoires pour clôtures et balustrades
Zubehör für Einzäunung und Gitter










# CATENACCI

BOLTS
VERROUS
RIEGEL



## Soluzioni per tutte le applicazioni, standard o personalizzate

Proponiamo catenacci standard o personalizzati su richieste specifiche dei clienti, per la sicurezza e protezione da intrusioni esterne, per applicazioni da interno o per l'esterno, per ambienti normali o in particolari condizioni di corrosione, acidità, temperatura.
Soluzioni per porte, portoni, cancelli, finestre, bocche di lupo, giardini, recinti per animali, coperture mobili, teloni per furgoni e camion, e per applicazioni specifiche in svariati settori e tipi di prodotti industriali.

## Solutions for all applications, standard or customised

We offer standard or customized deadbolts on specific customer requests, for security and protection from external intrusion, for indoor or outdoor applications, for normal environments or in particular conditions of corrosion, acidity, temperature.
Solutions for doors, gates, windows, wolves, gardens, animal enclosures, mobile covers, tarpaulins for vans and trucks, and for specific applications in various sectors and types of industrial products.

## Des solutions pour toutes les applications, standard ou personnalisées

Nous proposons des boulons standards ou personnalisés en fonction des demandes spécifiques des clients, pour la sécurité et la protection contre les intrusions externes, pour les applications intérieures ou extérieures, pour les environnements normaux ou dans des conditions particulières de corrosion, d'acidité, de température.
Solutions pour portes, portails, portails, fenêtres, persiennes, jardins, enclos pour animaux, couvertures mobiles, bâches pour fourgons et camions, et pour des applications spécifiques dans divers secteurs et types de produits industriels.

## Lösungen für alle Anwendungen - standard oder kundenspezifisch

Wir bieten standard- oder kundenspezifische Riegel an, die auf spezifischen Kundenwünschen basieren, für Sicherheit und Schutz vor äußeren Einbrüchen, für Innen- oder. Außenanwendungen, für normale Umgebungen oder unter bestimmten Bedingungen von Korrosion, Säuregehalt und Temperatur.
Lösungen für Türen, Tore, Fenster, Kellerfenster, Gärten, Tiergehege, bewegliche Dächer, Planen für Lieferwagen und Lastwagen sowie für spezifische Anwendungen in verschiedenen Sektoren und Arten von Industrieprodukten.

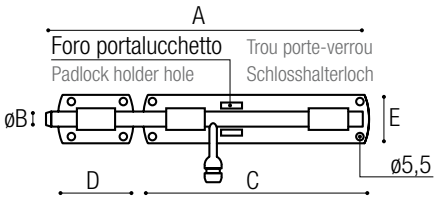
# Catenacci orizzontali zincati con incontro

Galvanized horizontal bolts with keep
Verrous horizontaux galvanizés avec support
Horizontal verzinkte Riegel mit Anschlag










| Cod. | A | Ø B | C | D | E | Foro portal. Padlock holder hole Trou porte-cadenas Vorhaengeschossb. | |
|---|---|---|---|---|---|---|---|
| 31P | 85 | 8 | 68 | 15 | 35x3 | 8 | 10 |
| 31 | 100 | 10 | 68 | 15 | 35x3 | 10,5 | 20 |
| 32 | 150 | 12 | 100 | 25 | 35x3 | 10,5 | 10 |
| 33 | 200 | 12 | 155 | 55 | 35x3 | 10,5 | 10 |
| 34 | 250 | 12 | 180 | 55 | 35x3 | 10,5 | 10 |
| 46 | 245 | 16 | 180 | 70 | 35x3 | 10,5 | 8 |
| 49 | 320 | 16 | 245 | 75 | 50x3 | 10,5 | 8 |

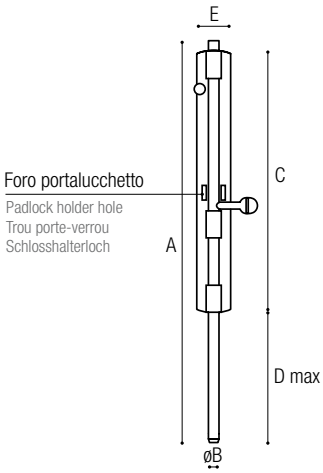
- Con fori di fissaggio — Avec trous de fixation
- Con portalucchetto — Avec porte-cadenas
- Reversibile dx-sx — Réversible droite-gauche

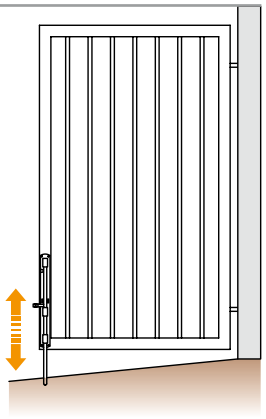
With fixing loles — Mit Fixierungbohrugen
With padlock — Mit Schlosshalter
Reversible right or left — Links-Rechts umkehrbar

# Catenacci verticali zincati per corsa lunga - senza incontro

Galvanised vertical bolts for long run - without keep
Verrous verticaux galvanizés, longue course - sans support
Vertikal verzinkte Riegel mit langem Hub - ohne Anschlag





- Con fori di fissaggio — Avec trous de fixation
- Incontro a parte — Support séparé
- Con portalucchetto e piolino — Avec porte-verrou et rivet
- Reversibile dx-sx — Réversible droite-gauche
- Reversibile alto-basso — Réversible haut-bas

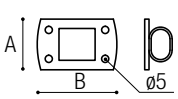
With fixing loles — Mit Fixierungbohrugen
Separate keep — Anschlag getrennt
With lock holder and pin — mit Schlosshalter und Bolzen
Reversible right or left — Links-Rechts umkehrbar
Reversible up or down — Oben- oder Untenreversibel

| Cod. | A | Ø B | C | D max | E | |
|---|---|---|---|---|---|---|
| 33V | 200 | 12 | 155 | 75 | 35x3 | 10 |
| 34V | 250 | 12 | 180 | 95 | 35x3 | 10 |
| 46V | 245 | 16 | 180 | 95 | 35x3 | 8 |
| 49V | 320 | 16 | 245 | 110 | 50x3 | 8 |

# Incontri zincati per catenacci

Galvanized keeps for bolts
Supports galvanisés pour verrous
Verzinkte Anschalg für Riegel

NOVITÀ NEW NOUVEAU NEUHEIT





Cod. 33I


Cod. 46I


Cod. 49I

| Cod. | Rif. | A | B | |
|---|---|---|---|---|
| 33I | 33V-34V | 35 | 55 | 10 |
| 46I | 46V | 35 | 70 | 8 |
| 49I | 49V | 50 | 75 | 8 |

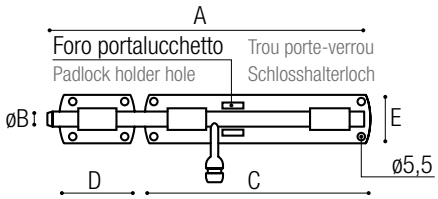
# Catenacci orizzontali inox con incontro

Stainless steel horizontal bolts with keep
Verrous horizontaux en inox avec support
Horizontale Edelstahlriegel mit Anschlag










AISI 304

- Con fori di fissaggio — Avec trous de fixation
- Con portalucchetto — Avec porte-cadenas
- Reversibile dx-sx — Réversible droite-gauche

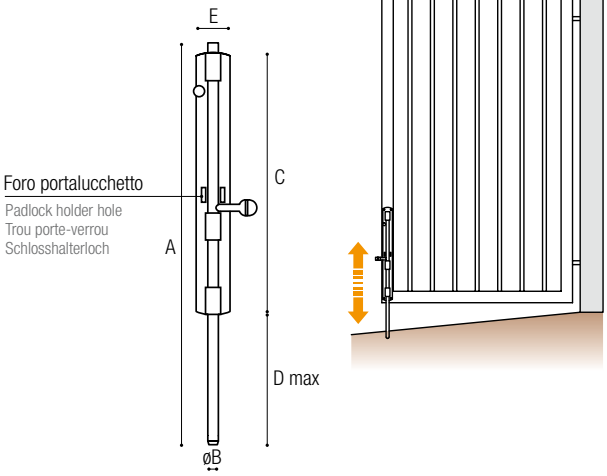
With fixing loles — Mit Fixierungbohrugen
With padlock — Mit Schlosshalter
Reversible right or left — Links-Rechts umkehrbar

| Cod. | A | Ø B | C | D | E | Foro portal. Padlock holder hole Trou porte-cadenas Vorhaengeschossb. | |
|---|---|---|---|---|---|---|---|
| 310 | 100 | 10 | 68 | 15 | 35x3 | 8,5 | 10 |
| 320 | 150 | 12 | 100 | 25 | 35x3 | 8,5 | 6 |
| 330 | 200 | 12 | 155 | 55 | 35x3 | 8,5 | 6 |
| 340 | 250 | 12 | 180 | 55 | 35x3 | 8,5 | 6 |
| 460 | 245 | 16 | 180 | 70 | 35x3 | 8,5 | 4 |
| 490 | 320 | 16 | 245 | 75 | 50x3 | 8,5 | 2 |
| 451 | 220 | 16 | 140 | 42 | 50x3 | 8,5 | 4 |

# Catenacci verticali inox - senza incontro

Stainless steel vertical bolts for long run - without keep
Verrous verticaux en inox sans support
Vertikale Edelstahlriegel - ohne Anschlag






AISI 304

- Con fori di fissaggio — Avec trous de fixation
- Incontro a parte — Support séparé
- Con portalucchetto e piolino — Avec porte-verrou et rivet
- Reversibile dx-sx — Réversible droite-gauche
- Reversibile alto-basso — Réversible haut-bas

With fixing loles — Mit Fixierungbohrugen
Separate keep — Anschlag getrennt
With lock holder and pin — mit Schlosshalter und Bolzen
Reversible right or left — Links-Rechts umkehrbar
Reversible up or down — Oben- oder Untenreversibel

| Cod. | A | Ø B | C | D max | E | |
|---|---|---|---|---|---|---|
| 330V | 200 | 12 | 155 | 75 | 35x3 | 10 |
| 340V | 250 | 12 | 180 | 95 | 35x3 | 10 |
| 460V | 245 | 16 | 180 | 95 | 35x3 | 8 |
| 490V | 320 | 16 | 245 | 110 | 50x3 | 8 |

# Incontri inox per catenacci

Stainless steel keeps for bolts
Supports en acier inoxydable pour verrous
Edelstahlanschlag für Riegel

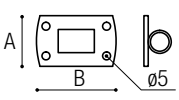
NOVITÀ
NEW NOUVEAU NEUHEIT

AISI 304


Cod. 330I


Cod. 460I


Cod. 490I




| Cod. | Rif. | A | B | |
|---|---|---|---|---|
| 330I | 330V-340V | 35 | 55 | 10 |
| 460I | 460V | 35 | 70 | 8 |
| 490I | 490V | 50 | 75 | 8 |

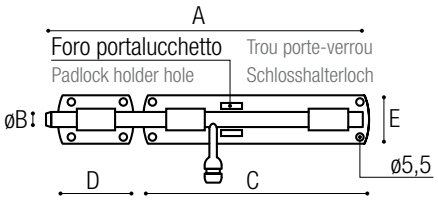
# Catenacci orizzontali neri con incontro

Black horizontal bolts with keep
Verrous horizontaux noirs avec support
Schwarze horizontale Riegel mit Anschlag










- Con trattamento di cataforesi — Avec trattament par cataphorèse
- Con fori di fissaggio — Avec trous de fixation
- Con portalucchetto — Avec porte-cadenas
- Reversibile dx-sx — Réversible droite-gauche

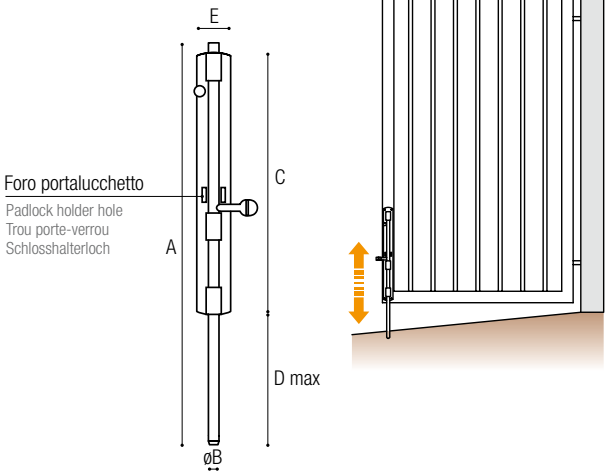
With cataphoresis treatment — Mit Kataphorese
With fixing lole — Mit Fixierungbohrugen
With padlock — Mit Schlosshalter
Reversible right or left — Links-Rechts umkehrbar

| Cod. | A | Ø B | C | D | E | Foro portal. Padlock holder hole Trou porte-cadenas Vorhaengeschossb. | |
|---|---|---|---|---|---|---|---|
| 3101 | 100 | 10 | 68 | 15 | 35x3 | 10,5 | 20 |
| 3200 | 150 | 12 | 100 | 25 | 35x3 | 10,5 | 10 |
| 3300 | 200 | 12 | 155 | 55 | 35x3 | 10,5 | 10 |
| 3400 | 250 | 12 | 180 | 55 | 35x3 | 10,5 | 10 |
| 4600 | 245 | 16 | 180 | 70 | 35x3 | 10,5 | 8 |
| 4900 | 320 | 16 | 245 | 75 | 50x3 | 10,5 | 8 |

# Catenacci verticali neri - senza incontro

Black vertical bolts for long run - without keep
Verrous verticaux noirs - sans support
Vertikale schwarze Riegel - ohne Anschlag






- Con trattamento di cataforesi — Avec trattament par cataphorèse
- Con fori di fissaggio — Avec trous de fixation
- Incontro a parte — Support séparé
- Con portalucchetto e piolino — Avec porte-verrou et rivet
- Reversibile dx-sx — Réversible droite-gauche
- Reversibile alto-basso — Réversible haut-bas

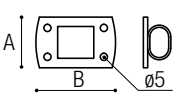
With cataphoresis treatment — Mit Kataphorese
With fixing loles — Mit Fixierungbohrugen
Separate keep — Anschlag getrennt
With lock holder and pin — mit Schlosshalter und Bolzen
Reversible right or left — Links-Rechts umkehrbar
Reversible up or down — Oben- oder Untenreversibel

| Cod. | A | Ø B | C | D max | E | |
|---|---|---|---|---|---|---|
| 3300V | 200 | 12 | 155 | 75 | 35x3 | 10 |
| 3400V | 250 | 12 | 180 | 95 | 35x3 | 10 |
| 4600V | 245 | 16 | 180 | 95 | 35x3 | 8 |
| 4900V | 320 | 16 | 245 | 110 | 50x3 | 8 |

# Incontri neri per catenacci

Black keeps for bolts
Support noirs pour verrous
Schwarze Anschlag für Riegel

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NEW NOUVEAU NEUHEIT





Cod. 3300I


Cod. 4600I


Cod. 4900I

| Cod. | Rif. | A | B | |
|---|---|---|---|---|
| 3300I | 3300V-3400V | 35 | 55 | 10 |
| 4600I | 4600V | 35 | 70 | 8 |
| 4900I | 4900V | 50 | 75 | 8 |

# Catenacci orizzontali zincati con incontro

Horizontal galvanized bolts with keep
Verrous horizontaux galvanisés avec support
Horizontal verzinkte Riegel mit Anschlag





- Serie pesante
  Heavy serie
  Série lourde
  Schwer line






- Con fori di fissaggio — Avec trous de fixation
- Con Portalucchetto — Avec porte-verrou
- Reversibile dx-sx — Réversible droite-gauche

With fixing loles — Mit Fixierungbohrugen
With lock holder — Mit Schlosshalter
Reversible right or left — Links-Rechts umkehrbar

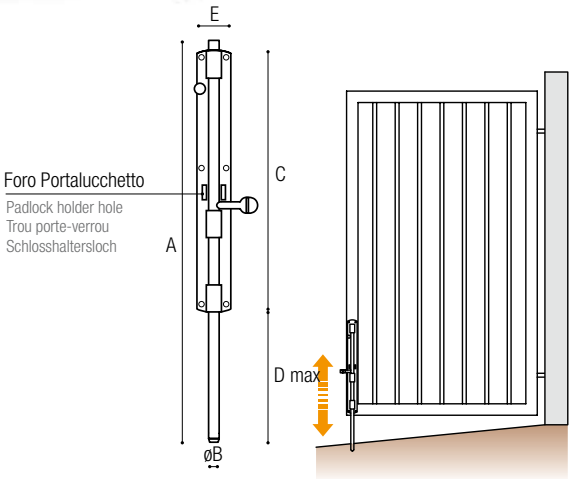
| Cod. | A | Ø B | C | D | E | Foro portal. Padlock holder hole Trou porte-cadenas Vorhaengeschossb. | |
|---|---|---|---|---|---|---|---|
| 45 | 230 | 16 | 140 | 42 | 50x3 | 10,5 | 8 |
| 50 | 560 | 16 | 350 | 150 | 50x3 | 10,5 | 6 |
| 51 | 740 | 20 | 480 | 200 | 50x4 | 10,5 | 2 |

# Catenacci verticali zincati per corsa lunga - senza incontro

Vertical long-size bolts - without keep
Verrous verticaux à longue course - sans support
Vertikal verzinkte Riegel mit langem Hub - ohne Anschlag



- Serie pesante
  Heavy serie
  Série lourde
  Schwer line




- Con fori di fissaggio — Avec trous de fixation
- Incontro a parte — Support séparé
- Reversibile dx-sx — Réversible droite-gauche
- Reversibile alto-basso — Réversible haut-bas

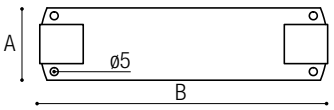
With fixing loles — Mit Fixierungbohrugen
Separate keep — Anschlag getrennt
Reversible right or left — Links-Rechts umkehrbar
Reversible up or down — Oben- oder Untenreversibel

| Cod. | A | Ø B | C | D max | E | |
|---|---|---|---|---|---|---|
| 50V | 560 | 16 | 350 | 200 | 50x3 | 6 |
| 51V | 740 | 20 | 480 | 255 | 50x4 | 2 |

# Incontri zincati per catenacci

Galvanized keeps for bolts
Supports galvanisés pour verrous
verzinkte Anschlag für Riegel

NOVITÀ
NEW NOUVEAU NEUHEIT






Cod. 50I



Cod. 51I

| Cod. | Rif. | A | B | |
|---|---|---|---|---|
| 50I | 50V | 50 | 150 | 6 |
| 51I | 51V | 50 | 200 | 4 |

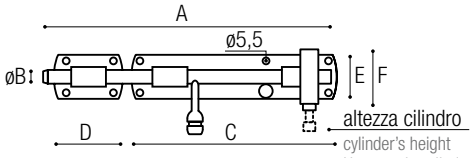
# Catenacci orizzontali zincati corazzati con lucchetto - con incontro

Galvanized armoured horizontal bolts with built-in padlock
Verrous horizontaux galvanisés et blindés avec cadenas incorporé
Gepanzerte verzinkte horizontale Riegel mit integriertem Vorhängeschloss





- Disponibile in versione KA con chiave uguale
  Available in KA version with same key
  Disponible en version KA avec la même clé
  Erhältlich in der KA-Version mit demselben Schlüssel




- Con fori di fissaggio — Avec trous de fixation
- Con piolino avvitabile — Avec rivet à visser
- Reversibile dx-sx — Réversible droite-gauche

With fixing loles — Mit Fixierungbohrugen
With pip to be screwed — Mit Bolzen zum Schrauben
Reversible right or left — Links-Rechts umkehrbar

| Cod. | A | Ø B | C | D | E | F | Altezza cil. Cylinder's height Hauteur du cylindre Zylinder Höhe | |
|---|---|---|---|---|---|---|---|---|
| 345 | 230 | 16 | 185 | 75 | 50x3 | 63 | 48 | 4 |
| 349 | 320 | 16 | 270 | 75 | 50x3 | 63 | 48 | 6 |
| 350 | 560 | 16 | 380 | 150 | 50x3 | 63 | 48 | 2 |
| 351 | 740 | 20 | 510 | 200 | 50x4 | 75 | 60 | 2 |

# Catenacci verticali zincati corazzati con lucchetto - senza incontro

Galvanized armoured vertical bolts with built-in padlock – Without keep
Verrous verticaux galvanisés et blindés avec cadenas incorporé - sans support
Vertikal verzinkte gepanzerte Riegel mit integriertem Vorhängeschloss - ohne Anschlag



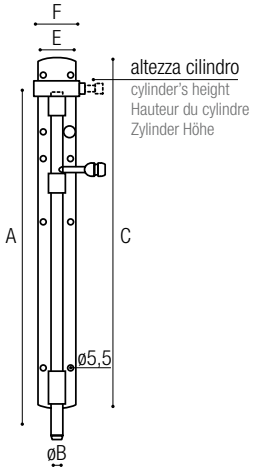


- Con fori di fissaggio
- Incontro a parte
- Con piolino avvitabile

With fixing loles
Separate keep
With pip to be screwed

Avec trous de fixation
Support séparé
Avec rivet à visser

Mit Fixierungbohrugen
Anschlag getrennt
Mit Bolzen zum Schrauben



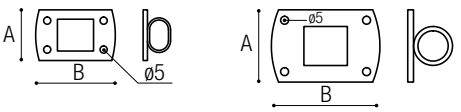

- Disponibile in versione KA con chiave uguale
  Available in KA version with same key
  Disponible en version KA avec la même clé
  Erhältlich in der KA-Version mit demselben Schlüssel

| Cod. | A | Ø B | C | E | F | Altezza cil. Cylinder's height Hauteur du cylindre Zylinder Höhe | |
|---|---|---|---|---|---|---|---|
| 340dx | 560 | 16 | 510 | 50x3 | 63 | 48 | 2 |
| 342sx | 560 | 16 | 510 | 50x3 | 63 | 48 | 2 |
| 341dx | 740 | 20 | 660 | 50x4 | 75 | 60 | 2 |
| 343sx | 740 | 20 | 660 | 50x4 | 75 | 60 | 2 |

# Incontri zincati per catenacci

Galvanized keeps for bolts
Supports galvanisés pour verrous
verzinkte Anschlag für Riegel

NOVITÀ
NEW NOUVEAU NEUHEIT





Cod. 49I


Cod. 41I

| Cod. | Rif. | A | B | |
|---|---|---|---|---|
| 49I | 340-342 | 50 | 75 | 8 |
| 41I | 341-343 | 50 | 75 | 6 |

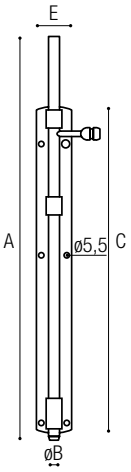
# Catenacci verticali zincati - senza incontro

Galvanized vertical bolts - without keep
Verrous verticaux galvanisés - sans support
Vertikal verzinkte Riegel - ohne Anschlag










- Con piolino avvitabile — Avec rivet à visser
- Con fori di fissaggio — Avec trous de fixation
- Reversibile dx-sx — Réversible droite-gauche
- Reversibile alto-basso — Réversible haut-bas

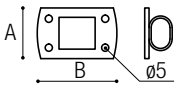
With pip to be screwed — Mit Bolzen zum Schrauben
With fixing loles — Mit Fixierungbohrugen
Reversible right or left — Links-Rechts umkehrbar
Reversible up or down — Oben- oder Untenreversibel

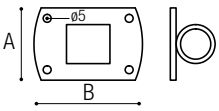
| Cod. | A | Ø B | C | E | |
|---|---|---|---|---|---|
| 44 | 230 | 16 | 140 | 50x3 | 8 |
| 40 | 560 | 16 | 465 | 50x3 | 6 |
| 41 | 740 | 20 | 630 | 50x4 | 2 |

# Incontri zincati per catenacci

Galvanized keeps for bolts
Supports galvanisés pour verrous
Verzinkte Anschlag für Riegel

NOVITÀ
NEW NOUVEAU NEUHEIT






Cod. 49I



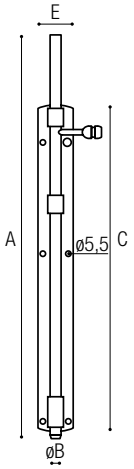
Cod. 41I

| Cod. | Rif. | A | B | |
|---|---|---|---|---|
| 49I | 44-40 | 50 | 75 | 8 |
| 41I | 41 | 50 | 75 | 6 |

# Catenacci verticali neri ad avvitare - senza incontro

Black vertical bolts - without keep
Verrous verticaux noirs à visser - sans support
Schwarzer Riegel zum schrauben






- Con trattamento di cataforesi — Avec trattament par cataphorèse
- Con piolino avvitabile — Avec rivet à visser
- Con fori di fissaggio — Avec trous de fixation
- Reversibile dx-sx — Réversible droite-gauche
- Reversibile alto-basso — Réversible haut-bas

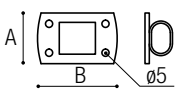
With cataphoresis treatment — Mit Kataphorese
With pip to be screwed — Mit Bolzen zum Schrauben
With fixing loles — Mit Fixierungbohrugen
Reversible right or left — Links-Rechts umkehrbar
Reversible up or down — Oben- oder Untenreversibel

| Cod. | A | Ø B | C | E | |
|---|---|---|---|---|---|
| 4000 | 560 | 16 | 465 | 50x3 | 6 |
| 4400 | 230 | 16 | 140 | 50x3 | 8 |

# Incontri neri per catenacci

Black keeps for bolts
Supports noirs pour verrous
schwarze Anschlag für Riegel

NOVITÀ
NEW NOUVEAU NEUHEIT






| Cod. | Rif. | A | B | |
|---|---|---|---|---|
| 4900I | 4000-4400 | 50 | 75 | 8 |

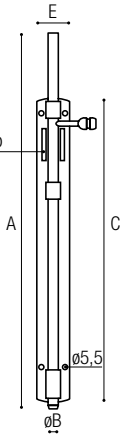
# Catenacci verticali zincati con portalucchetto senza incontro

Galvanized vertical bolts with padlock holder – Without keep
Verrous verticalux galvanisés avec porte-cadenas - sans support
Vertikal verzinkte Riegel mit Vorhängeschlosshalter









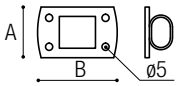

- Con fori di fissaggio — Avec trous de fixation
- Reversibile dx-sx — Réversible droite-gauche
- Reversibile alto-basso — Réversible haut-bas

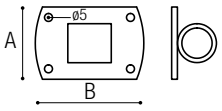
With fixing loles — Mit Fixierungbohrugen
Reversible right or left — Links-Rechts umkehrbar
Reversible up or down — Oben- oder Untenreversibel

| Cod. | A | Ø B | C | E | Foro portal. Padlock holder hole Trou porte-cadenas Vorhaengeschossb. | |
|---|---|---|---|---|---|---|
| 35 | 420 | 12 | 385 | 35x3 | 10,5 | 6 |
| 47 | 420 | 16 | 385 | 35x3 | 10,5 | 6 |
| 43 | 560 | 16 | 465 | 50x3 | 10,5 | 6 |
| 48 | 560 | 20 | 465 | 50x4 | 12 | 4 |

# Incontri zincati per catenacci

Galvanized keeps for bolts
Supports galvanisés pour verrous
Verzinkte Anschlag für Riegel




NOVITÀ NEW NOUVEAU NEUHEIT


Cod. 33I


Cod. 46I


Cod. 49I


Cod. 41I

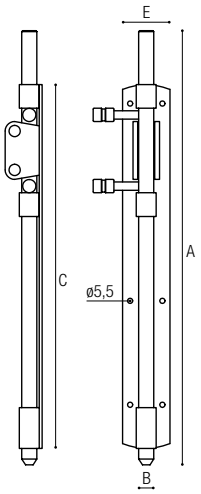
| Cod. | Rif. | A | B | |
|---|---|---|---|---|
| 33I | 35 | 35 | 55 | 10 |
| 46I | 47 | 35 | 70 | 8 |
| 49I | 43 | 50 | 75 | 8 |
| 41I | 48 | 50 | 75 | 6 |

# Catenacci verticali inox - senza incontro

Stainless steel vertical bolts – Without keep
Verrous inox verticaux - sans support
Vertikale Edelstahlriegel








AISI 304

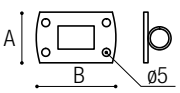
- Con fori di fissaggio — Avec trous de fixation
- Incontro a parte — Support séparé
- Reversibile dx-sx — Réversible droite-gauche
- Reversibile alto-basso — Réversible haut-bas

With fixing loles — Mit Fixierungbohrugen
Separate keep — Anschlag getrennt
Reversible right or left — Links-Rechts umkehrbar
Reversible up or down — Oben- oder Untenreversibel

| Cod. | A | d.B | C | E | Foro portal. Padlock holder hole Trou porte-cadenas Vorhaengeschossb. | |
|---|---|---|---|---|---|---|
| 355 | 420 | 12 | 385 | 35x3 | 12 | 6 |
| 431 | 560 | 16 | 465 | 50x3 | 12 | 4 |

# Incontri inox per catenacci

Stainless steel keeps for bolts
Supports inox pour verrous
Rostfreiere Anschlag für Riegel




NOVITÀ NEW NOUVEAU NEUHEIT


Cod. 330I

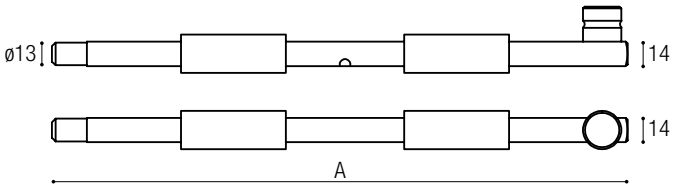

Cod. 490I

| Cod. | Rif. | A | B | |
|---|---|---|---|---|
| 330I | 355 | 35 | 55 | 10 |
| 490I | 431 | 50 | 75 | 8 |

## Paletto quadro 14x14 da saldare

Square post 14x14 to be welded
Verrou carré 14x14 à sauder
Vierkantpfosten 14x14 zum Anschweißen



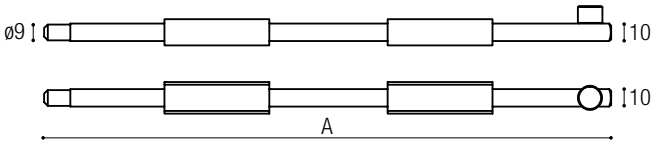



| Cod. | A | |
|---|---|---|
| 8/330 | 330 | 5 |
| 8/600 | 600 | 5 |

## Paletto quadro 10x10 da saldare

Square post 10x10 to be welded
Verrou carré 10x10 à sauder
Vierkantpfosten 10x10 zum Anschweißen



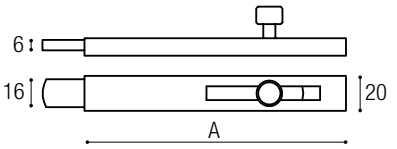



| Cod. | A | |
|---|---|---|
| 9/300 | 300 | 5 |
| 9/500 | 500 | 5 |

## Catenaccio piatto verticale da saldare

Vertical flat bolt to be welded
Boulon plat vertical à souder
Vertikaler Flachriegel zum Schweißen



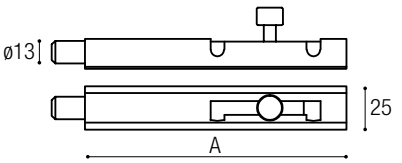



| Cod. | A | |
|---|---|---|
| 10/200 | 200 | 10 |
| 10/300 | 300 | 10 |
| 10/500 | 500 | 5 |
| 10/800 | 800 | 5 |

## Catenaccio tondo da saldare

Round bolt to be welded
Boulon rond à souder
Rundriegel zum Anschweißen






| Cod. | A | |
|---|---|---|
| 16/150 | 150 | 10 |
| 16/300 | 300 | 5 |
| 16/500 | 500 | 5 |

# Paletti per porte e cancelli

Bolts with padlock holder for gates and doors
Verrous pour portes et portails
Pfosten für Türen und Tore



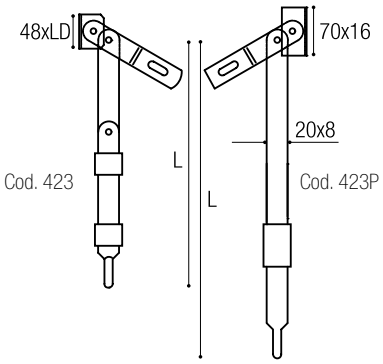

| Cod. | L | |
|---|---|---|
| 356/200 | 200 | 10 |
| 356/300 | 300 | 10 |
| 356/500 | 500 | 6 |




| Cod. | L | |
|---|---|---|
| 357/200 | 200 | 10 |
| 357/300 | 300 | 10 |
| 357/500 | 500 | 6 |

# Paletti verticali a leva per cancelli

Vertical lever bolts for gates
Verrous verticaux à levier pour grille
Vertikaler Hebelanschlag für Tore




Cod. 423



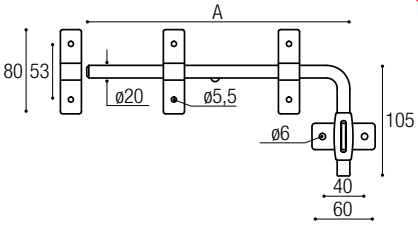
Cod. 423P

| Cod. | L | |
|---|---|---|
| • Paletto verticale per cancelli<br>Vertical bolts for gates<br>Verrous verticaux pour grille<br>Vertikaler Anschlag für Tore | | |
| 423/350 | 350 | 10 |
| 423/450 | 450 | 10 |
| 423/600 | 600 | 10 |
| 423/700 | 700 | 10 |
| • Paletto verticale pesante per cancelli<br>Heavy vertical bolts for gates<br>Verrous verticaux lourd pour grille<br>Vertikaler scwerer Anschlag für Tore | | |
| 423P/500 | 500 | 10 |
| 423P/700 | 700 | 10 |

# Catenaccio orizzontale con portalucchetto

Horizontal bolts with padlock
Verrous horizontaux avec support de cadenas
Horizontaler Riegel mit Vorhängeschlosshalter

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| Cod. | A | |
|---|---|---|
| 358/200 | 200 | 6 |
| 358/300 | 300 | 6 |

# Catenaccio bloccabile con chiave

Lockable dropbolt
Verrou de sol verrouillable
Riegel - mit Schlüssel blockierbar





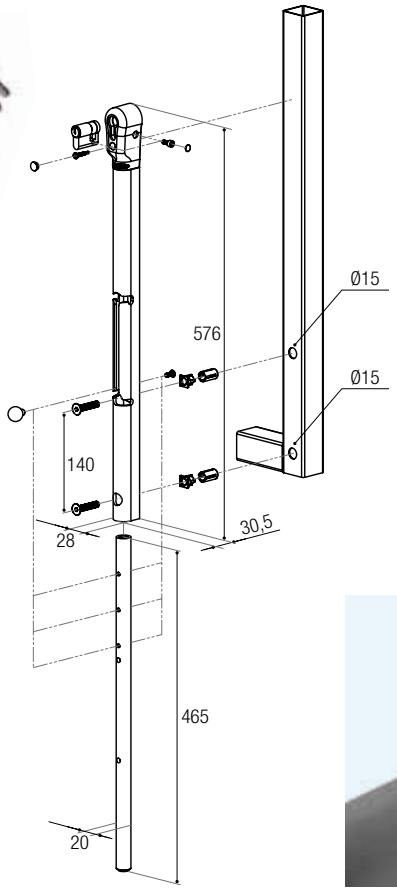
- Corsa 140 mm
- Cilindri a chiave unica

140 mm stroke
Single key cylinders

Course 140 mm
Cylindre à clé unique

140 mm Länge
Ein-Schlüssel-Zylinder



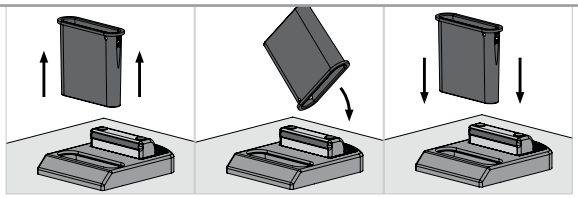





| Cod. | Colour | Supporto<br>Support<br>Support<br>Stütze | |
|---|---|---|---|
| 344 A | | Min 40 | 1 |
| 344 N | | Min 40 | 1 |

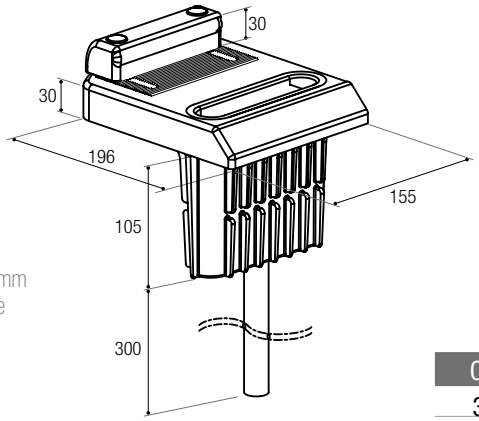
# Incontro regolabile da interrare

Adjustable bolt to be buried
Support réglable à enterrer
Verstellbarer Anschalg zum Begraben





- Per sezioni 40-50-60 mm
  For sections 40-50-60 mm
  Pour les sections 40-50-60 mm
  Für 40-50-60 mm Abschnitte




| Cod. | |
|---|---|
| 352 | 2 |

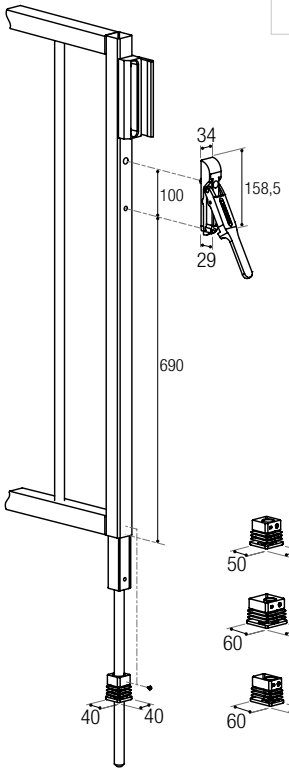
# Catenaccio a leva per montaggio interno

Lever bolt for internal mounting
Verrous à levier pour le montage interne
Hebelriegel für interne Montage







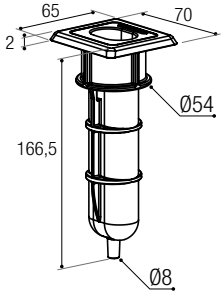



| Cod. | |
|---|---|
| 347 | 1 |

# Incontro da interrare

Bolt to be buried
Support à enterrer
Anschlag zum Begraben





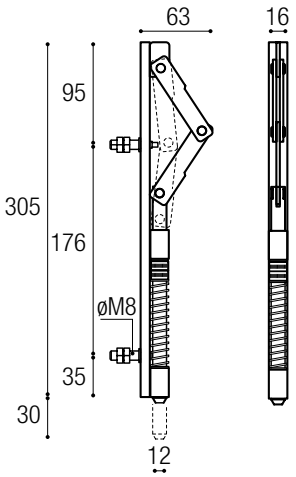

| Cod. | |
|---|---|
| 348 | 2 |

## Catenaccio a ginocchiera regolabile

Adjustable toggle bolts
Verrous réglables autobloquantst
verstellbarer Kniehebelriegel








- Per cancelli ad anta — Pour portails battants
- Molla registrabile — Ressort autobloquant

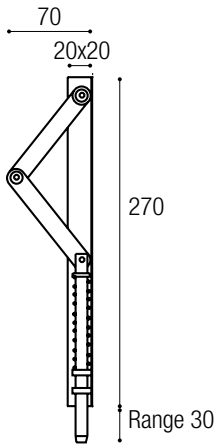
For swing gates — Für Flügeltore
Adjustable spring tension — Aufnehmbar Feder

| Cod. | |
|---|---|
| 42 | 12 |

## Catenaccio inox a ginocchiera

Stainless steel toggle bolts
Verrous autobloquant en inox
Edelstahlkniehebelriegel





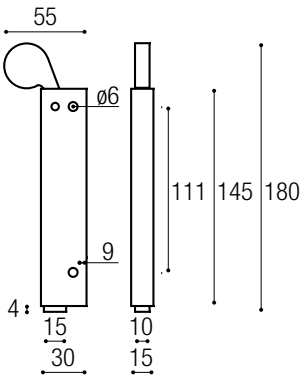

- Per cancelli ad anta
  For swing gates
  Pour portails battants
  Für Flügeltore

| Cod. | |
|---|---|
| 421 | 6 |

## Paletto automatico

Automatic spring
Piquet automatique
Automatischer Anschlag






- Per cancelli ad anta
  For swing gates
  Pour portails battants
  Für Flügeltore

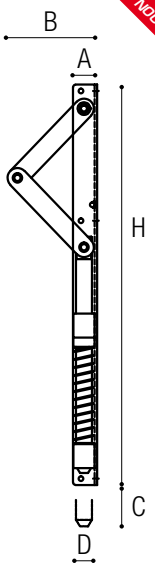
| Cod. | |
|---|---|
| 422 | 6 |

# Catenaccio a ginocchiera

Toggle bolts
Verrous autobloquants
Kniehebelriegel

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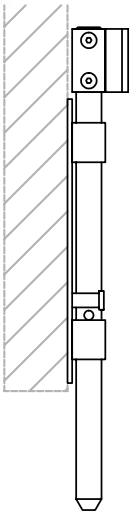

| Cod. | D | H | C | A | B | |
|---|---|---|---|---|---|---|
| 425/16 | 16 | 420 | 43 | 24 | 93 | 6 |
| 425/20 | 20 | 500 | 56 | 30 | 112 | 4 |

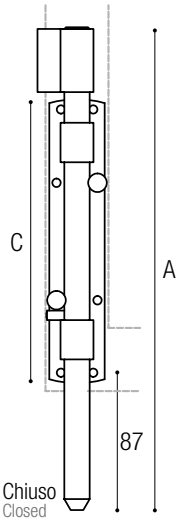
# Catenaccio di sicurezza antiapertura

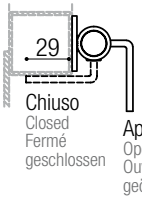
Bolts with security tamper
Verrous avec blocage de sécurité
Anti-Öffnung Sicherheitsriegel

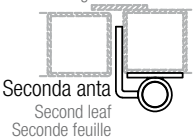








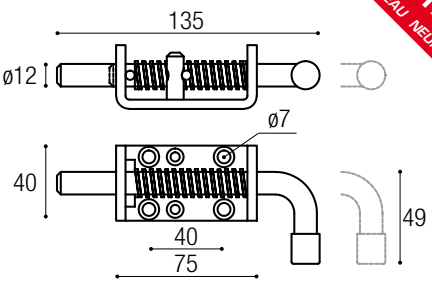

- Reversibile per applicazione destra o sinistra.
  Reversible for right or left opening.
  Réversible droite-gauche
  Links-Rechts umkehrbar

| Cod. | A | C | |
|---|---|---|---|
| 346/320 | 320 | 180 | 8 |
| 346/560 | 560 | 350 | 6 |

## Catenaccio con molla

Spring bolt
Verrous avec ressort
Federriegel



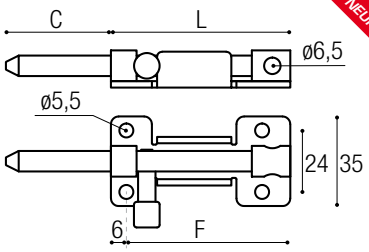



| Cod. | |
|---|---|
| 157P | 10 |

## Catenacci con portalucchetto

Bolts with lock holder
Verrous avec porte-verrou
Riegel mit Vorhängeschlosshalter



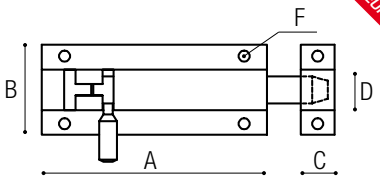



| Cod. | L | C | F | |
|---|---|---|---|---|
| 3/70 | 70 | 0-37 | 53 | 12 |
| 3/100 | 100 | 0-57 | 83 | 8 |

## Catenacci in alluminio

Aluminium bolts
Verrous en alminium
Aluminiumriegel



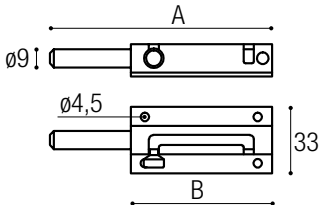




| Cod. | A | B | C | D | F | |
|---|---|---|---|---|---|---|
| 326/80A | 80 | 26 | 12 | 8 | 3,5 | 10 |
| 326/80N | 80 | 26 | 12 | 8 | 3,5 | 10 |
| 326/100A | 100 | 26 | 12 | 8 | 3,5 | 10 |
| 326/100N | 100 | 26 | 12 | 8 | 3,5 | 10 |
| 327/150A | 150 | 40 | 25 | 12 | 5 2 | 6 |
| 327/150N | 150 | 40 | 25 | 12 | 5 2 | 6 |
| 327/250A | 250 | 40 | 25 | 12 | 5,2 | 6 |
| 327/250N | 250 | 40 | 25 | 12 | 5,2 | 6 |

## Catenacci inox con portalucchetto

Stainless steel bolts with lock holder
Verrous inox avec porte-verrou
Edelstahlriegel mit Schlosshalter



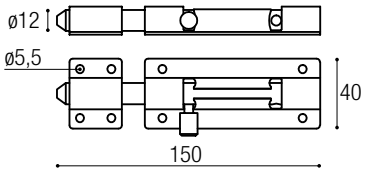



| Cod. | A | B | |
|---|---|---|---|
| 312.70 | 70 | 50 | 5 |
| 312.110 | 110 | 70 | 5 |

## Catenaccio inox a cannone con portalucchetto

Stainless steel cannon bolt with lock holder
Verrous inox à canon avec porte-verrou
Edelstahl Kanonenriegel mit Schlosshalter



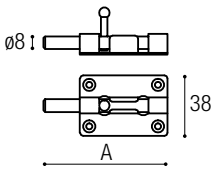



| Cod. | |
|---|---|
| 311 | 6 |

## Catenacci a cannone

Cnnon bolts
Verrous à canon
Kanonenriegel



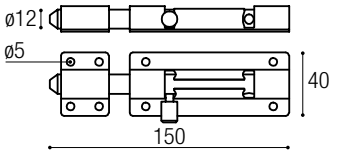



| Cod. | A | |
|---|---|---|
| 233/80 | 80 | 12 |
| 233/100 | 100 | 12 |

## Catenacci rotondi con portalucchetto

Round bolts with lock holder
Verrous ronds avec porte-verrou
Runde Riegel mit Schlosshalter



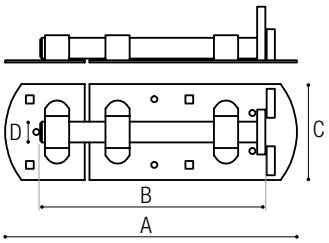



| Cod. | A | |
|---|---|---|
| 234/150 | 150 | 5 |
| 234/200 | 200 | 5 |

## Catenacci trasversali con portalucchetto

Transversal bolts with lock holder
Verrous transversaux avec porte-verrou
Transversale Riegel mit Schlosshalter



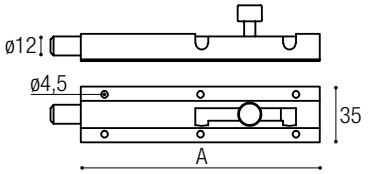



| Cod. | A | B | C | D | |
|---|---|---|---|---|---|
| 235/180 | 180 | 145 | 60 | 15 | 6 |
| 235/270 | 270 | 245 | 65 | 15 | 4 |

## Catenacci rotondi verticali

Vertical round bolts
Verrous ronds verticaux
Vertikale runde Riegel






| Cod. | A | |
|---|---|---|
| 236/150 | 150 | 5 |
| 236/250 | 250 | 5 |
| 236/500 | 500 | 2 |

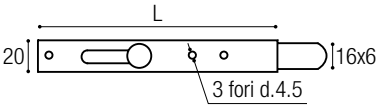
# CATENACCI PER LEGNO

BOLTS
VERROUS POUR BOIS
RIEGEL FÜR HOLZ

## Catenacci profilati da avvitare - contropiastra a richiesta

Vertical bolt to screw - stample on request
Verrous à visser - plaque sur demande
Profilierter Riegel zum Schrauben - Gegenplatte nach Wunsch



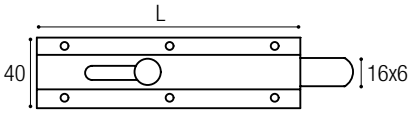



| Cod. | L | |
|---|---|---|
| 419/200 | 200 | 15 |
| 419/250 | 250 | 15 |
| 419/300 | 300 | 15 |

## Catenacci verticali ricoperti con contropiastra a richiesta

Covered vertical bolts - stample on request
Verrous verticaux avec plaque sur demande
Vertikaler Riegel mit Gegenplatte nach Wunsch



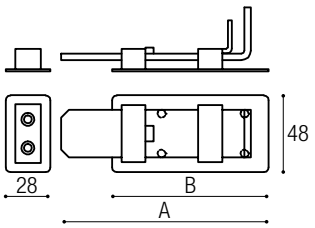



| Cod. | L | |
|---|---|---|
| 420/150 | 150 | 10 |
| 420/200 | 200 | 10 |
| 420/250 | 250 | 10 |
| 420/300 | 300 | 10 |
| 420/400 | 400 | 10 |
| 420/500 | 500 | 10 |

## Catenacci piatti con portalucchetto - viti nascoste

Flat bolts with lock holder - hidden screws
Verrous plats avec porte-verrou - vis cachées
Flache Riegel mit Schlosshalter - versteckte Schrauben



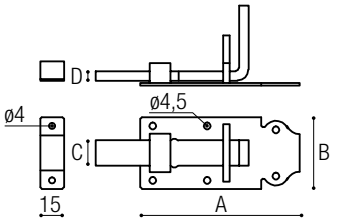



| Cod. | A | B | |
|---|---|---|---|
| 237/125 | 125 | 95 | 5 |
| 237/170 | 170 | 120 | 5 |

## Catenacci piatti con portalucchetto

Flat bolts with lock holder
Verrous plats avec porte-verrou
Flache Riegel mit Schlosshalter



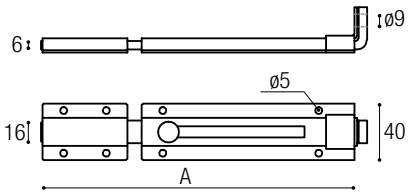



| Cod. | A | B | CxD | |
|---|---|---|---|---|
| 238/100 | 100 | 45 | 16x6 | 5 |
| 238/160 | 160 | 55 | 20x5 | 5 |

## Catenacci profilati con portalucchetto

Profiled bolts with lock holder
Verrous profilés avec porte-verrou
Profilriegel mit Schlosshalter



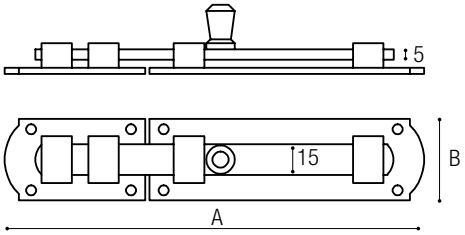



| Cod. | A | |
|---|---|---|
| 239/100 | 100 | 5 |
| 239/150 | 150 | 5 |
| 239/230 | 230 | 5 |

## Catenacci neri orizzontali

Horizontal black bolts
Verrous noirs horizontaux
Horizontale schwarze Riegel



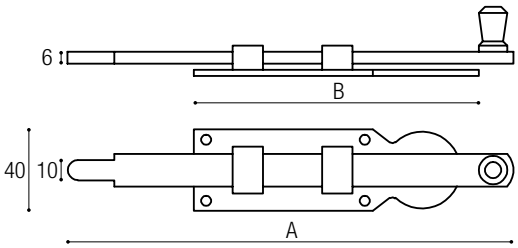



| Cod. | A | B | |
|---|---|---|---|
| 240/200 | 200 | 40 | 5 |
| 240/300 | 300 | 45 | 5 |

## Catenacci neri verticali - punta tonda

Vertical black bolts - round tip
Verrous noirs verticaux - pointe ronde
Vertikale schwarze Riegel - runde Spitze



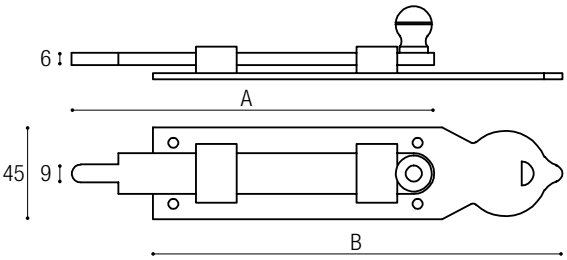



| Cod. | A | B | |
|---|---|---|---|
| 241/200 | 200 | 140 | 5 |
| 241/300 | 300 | 165 | 5 |

## Catenacci neri verticali - punta tonda

Vertical black bolts - round tip
Verrous noirs verticaux - pointe ronde
Vertikale schwarze Riegel - runde Spitze



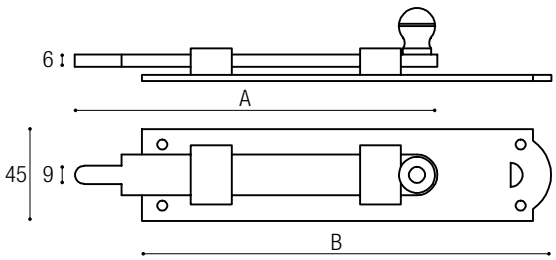



| Cod. | A | B | |
|---|---|---|---|
| 242/200 | 175 | 200 | 5 |
| 242/300 | 275 | 300 | 5 |

## Catenacci pesanti neri verticali - punta tonda

Vertical black heavy bolts - round tip
Verrous lourds noirs verticaux - pointe ronde
Vertikale schwarze schwere Riegel - runde Spitze






| Cod. | A | B | |
|---|---|---|---|
| 243/200 | 180 | 200 | 5 |
| 243/300 | 280 | 300 | 5 |

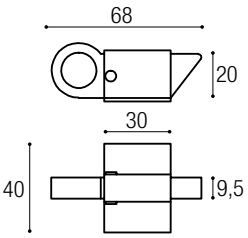
# CHIUSURE VARIE

VARIOUS CLOSURES
FERMETURES DIVERSES
VERSCHIEDENE VERSCHLÜSSE

## Cricchetto a saldare per sopraluci

Soldering ratchet
Cliquet à sauder
Ratschenbohrer zum Anschweißen





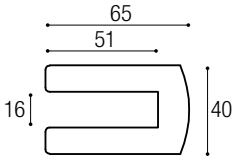

| Cod. | |
|---|---|
| 375 | 10 |

## Piastrina aperta per cricchetti a saldare

Open plate for welded ratchets
Plaque ouverte pour cliquets à souder
Offene Platte für Ratschenbohrer zum Anschweißen





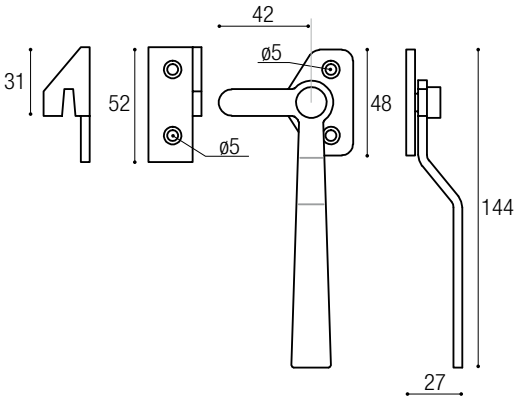



| Cod. | |
|---|---|
| 376 | 10 |

## Maniglie di blocco per finestre

Lock handles for windows
Poignées de blocage pour les fenêtres
Sperrgriffe für Fenster



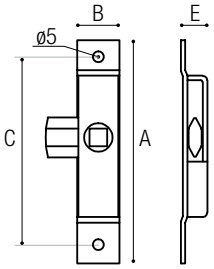



| Cod. | dx / sx | |
|---|---|---|
| 378/D | dx | 10 |
| 378/S | sx | 10 |

## Tavellino di chiusura - con chiave

Locking table - with key
Table de fermeture - avec clé
Schließbolzen - mit Schlüssel



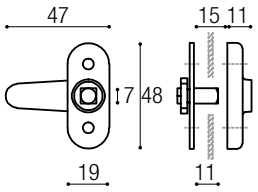




| Cod. | A | B | C | E | |
|---|---|---|---|---|---|
| 379P | 101 | 18 | 82 | 12 | 10 |
| 379G | 126 | 27 | 101 | 15 | 10 |
| 380 | - | - | - | - | 10 |

## Tavellino zincato per sportelli - a fissare

Galvanized table for doors - to fix
Table galvanisé pour portes - à fixer
Verzinkter Schließbolzen für Türen – zum Fixieren



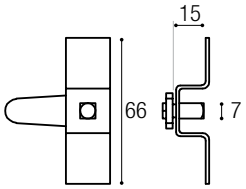



| Cod. | |
|---|---|
| 385 | 10 |

## Tavellino zincato per sportelli - a saldare

Galvanized window for doors - to be welded
Table galvanisé pour portes - à sauder
Verzinkter Schließbolzen für Türen - zum Anschweißen



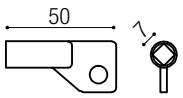



| Cod. | |
|---|---|
| 386 | 10 |

## Chiave zincata per tavellini

Galvanized key
Clé galvanisée pour tables
Verzinkter Schlüssel für Schließbolzen



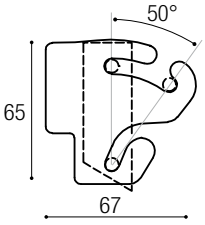



| Cod. | |
|---|---|
| 387 | 10 |

## Cerniere per wasistas

Hinges for wasistas
Charnière pour wasistas
Scharniere für Wasistas



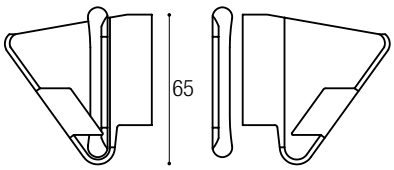



| Cod. | |
|---|---|
| 383/65 | 10 |

## Cerniere per wasistas - dx+sx

Hinges for wasistas - right + left
Charnière pour wasistas - droit + gauche
Scharniere für Wasistas – Links+Rechts






| Cod. | |
|---|---|
| 381 | 10 |

# ACCESSORI PER LEGNO

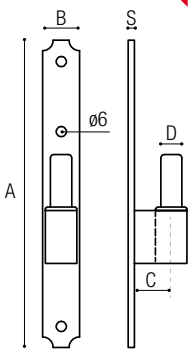
WOOD ACCESSORIES
ACCESSOIRES POUR LE BOIS
ZUBEHÖRE FÜR HOLZ

NOVITÀ
NEW NOUVEAU NEUHEIT

## Cardine per bandella

Hinge for bandel
Gonds pour bande
Türbänder



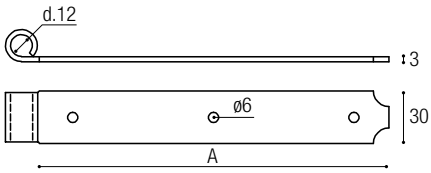



| Cod. | A | B | C | D | S | |
|---|---|---|---|---|---|---|
| 511/12 | 175 | 21 | 21 | 12 | 3,5 | 12 |
| 511/14 | 190 | 44 | 30 | 14 | 4 | 8 |

## Bandella leggera d.12

Light bandel d.12
Bande legére d.12
leichte Türbänder d.12



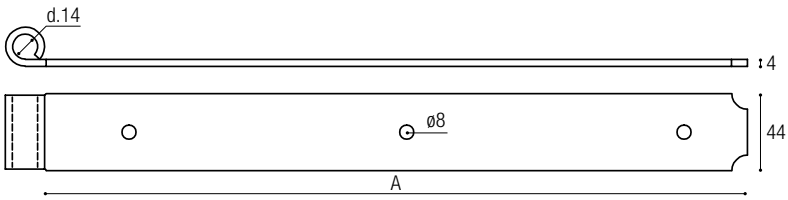



| Cod. | A | |
|---|---|---|
| 512/200 | 200 | 12 |
| 512/300 | 300 | 12 |

## Bandella pesante d.14

Heavy bandel d.14
Bande lourde d.14
schwere Türbänder d.14



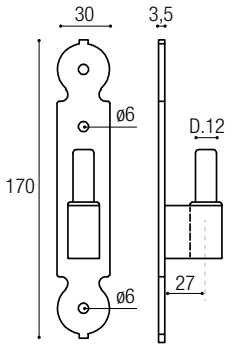



| Cod. | A | |
|---|---|---|
| 513/400 | 400 | 12 |
| 513/600 | 600 | 12 |

## Cardine per cantonale

Hinge for bandel
Pivot pour charniére
Kantonstorbänder



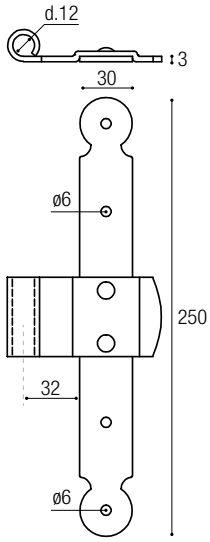



| Cod. | |
|---|---|
| 515 | 12 |

## Cantonale a T

T bandel
Charniére à T
T-Kantonstorbänder



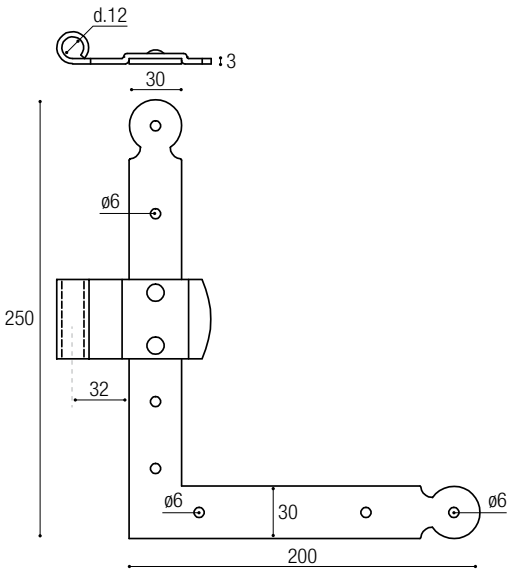



| Cod. | |
|---|---|
| 516 | 12 |

## Cantonale a L

L bandel
Charniére à L
L-Kantonstorbänder





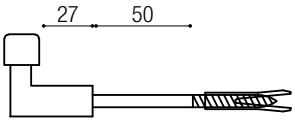

| Cod. | |
|---|---|
| 517 | 12 |

# Ferma balconi

Stopper for shutters
Arrêt pour balcons
Balkonstopper



- Semplice
  Normal
  Simple
  einfach

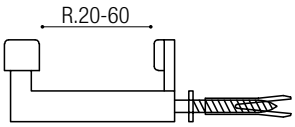



| Cod. | |
|---|---|
| 521 | 25 |



- Registrabile
  Adjustable
  Réglable
  aufnehmbar



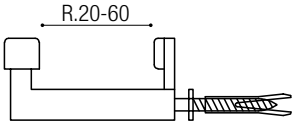



| Cod. | |
|---|---|
| 522 | 20 |



- Con arresto
  With stopper
  Avec arrêt
  mit Stillstand

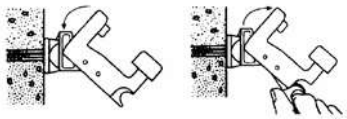


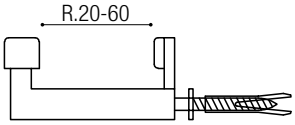




| Cod. | |
|---|---|
| 524 | 20 |



- Automatico
  Automatic
  Automatique
  automatisch





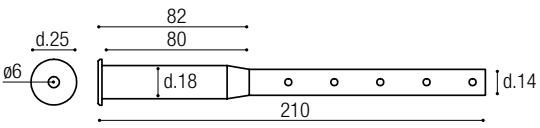

| Cod. | |
|---|---|
| 525 | 20 |

# Tassello per cappotto

Block for overcoat
Bouchon pour manteau
Dübeln für Mantel





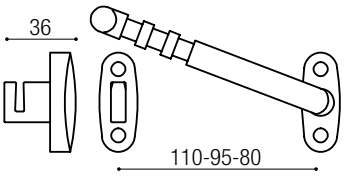



| Cod. | |
|---|---|
| 526 | 25 |

# Socchiudi finestra

Window stopper
Entrebailleur en plastique pour fenêtre
Fensterschließen



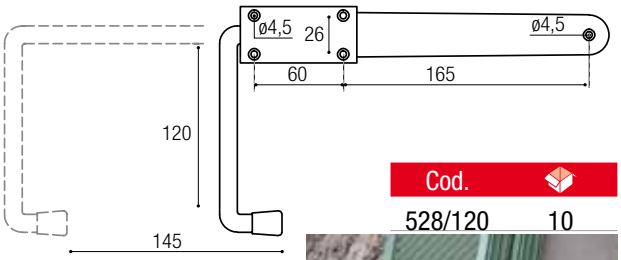



| Cod. | |
|---|---|
| 527 | 10 |

## Ferma balconi a leva

Spring stopper for shutters
Arrêt pour balcons à levier
Balkonstopper mit Feder





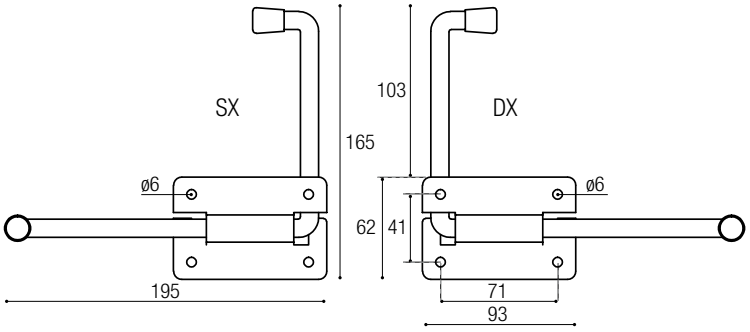

| Cod. | |
|---|---|
| 528/120 | 10 |



## Ferma balconi

Stopper for shutters
Arrêt de balcons
Balkonstopper





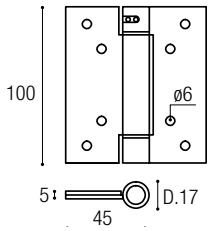

| Cod. | |
|---|---|
| 529DX | 10 |
| 529SX | 10 |

## Cerniera a molla - Azione semplice

Spring hinge
Charniére à ressort - action simple
Federscharnier - Einfache Aktion



- Verniciata nera
- Black painted
- Noire peinte
- Schwarz lackiert







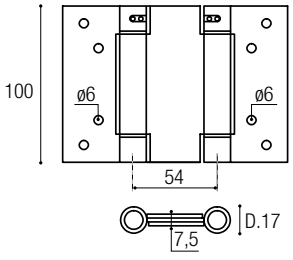
| Cod. | Portata Kg<br>Capacity Kg<br>Capacité Kg<br>Kapazität Kg | |
|---|---|---|
| 531 | 15 | 2 |

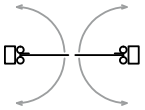
## Cerniera a molla - Azione doppia

Spring hinge double action
Charniére à ressort - double action
Federscharnier - Doppelte Aktion



- Verniciata nera
- Black painted
- Noire peinte
- Schwarz lackiert



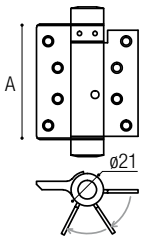
| Cod. | Portata Kg<br>Capacity Kg<br>Capacité Kg<br>Kapazität Kg | |
|---|---|---|
| 532 | 15 | 2 |

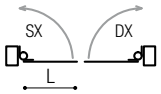
## Cerniera a molla registrabile

Adjustable spring hinge
Charniére à ressort - réglable
Einstellbares Federscharnier



- Zincata
- Galvanized
- Galvanisè
- Verzinkt




Porta - Door - Portes - Tür

| Cod. | A | L max | Kg max | |
|---|---|---|---|---|
| 533Z/100 | 100 | 700 mm | 25 | 2+2 |
| 533Z/150 | 150 | 800 mm | 40 | 2+2 |

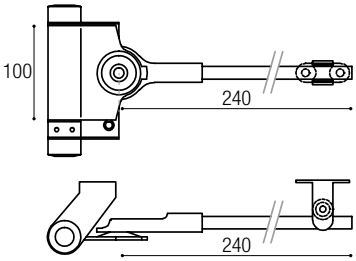
## Cerniera con chiudi porta

Hinge with spring door lock
Charniére avec ferme porte
Torschließscharnier










- Zincata
  Galvanized
  Galvanisée
  Verzinkt

| Cod. | Max Kg porta<br>Max Kg door<br>Porte Max Kg<br>Max Kg Tür | A | B | |
|---|---|---|---|---|
| 536Z/100 | 40 | 100 | 240 | 4 |

## Molla chiudi porta

Door lock spring
Ressort ferme porte
Torschließfeder

- 1 inserire l'asta
- 2 caricare la molla
- 3 inserire il piolino di blocco

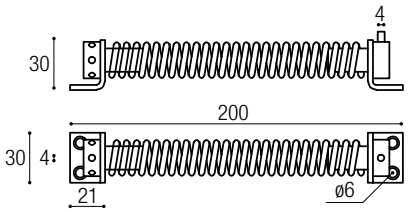
1 insert the rod
2 load the spring
3 insert the locking pin

1 insérer la barre
2 charger le ressort
3 insérer le rivet de verrouillage

1 die Stange einsetzen
2 die Feder laden
3 den Sicherungsstift einsetzen



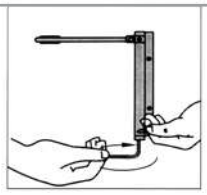


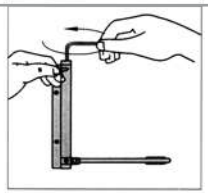




| Cod. | |
|---|---|
| 537/200 | 10 |

## Chiudi porta a molla

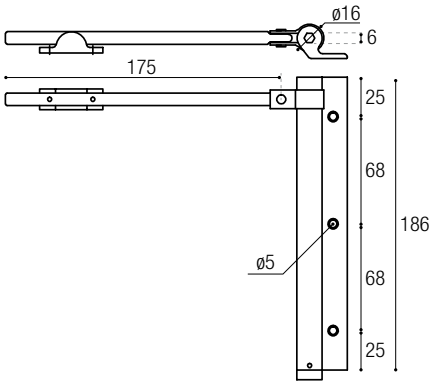
Door lock with spring
Ferme porte à ressort
Torschließer mit Feder





- Apertura a SX
- Left opening
- Ouverture à gauche
- linke Öffnung

- Apertura a DX
- Right opening
- Ouverture à droite
- rechte Öffnung

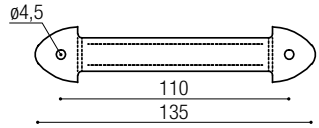





| Cod. | |
|---|---|
| 538A | 2 |

## Maniglia da avvitare

Handle to be fixed
Poignée à visser
Griff zum Schrauben

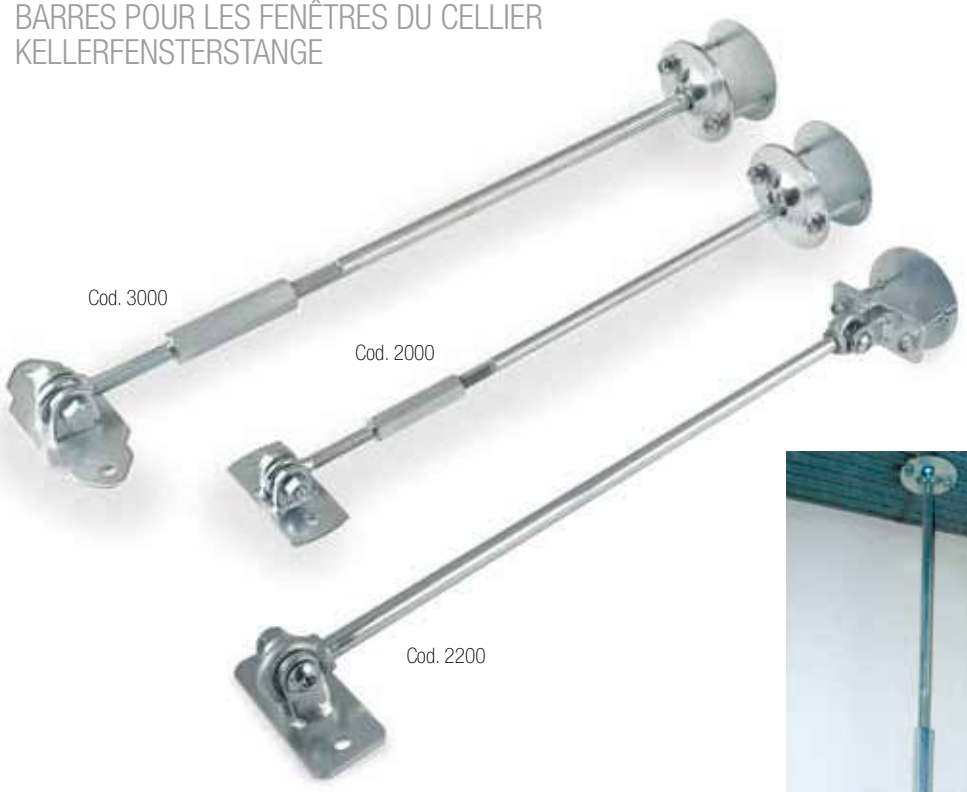




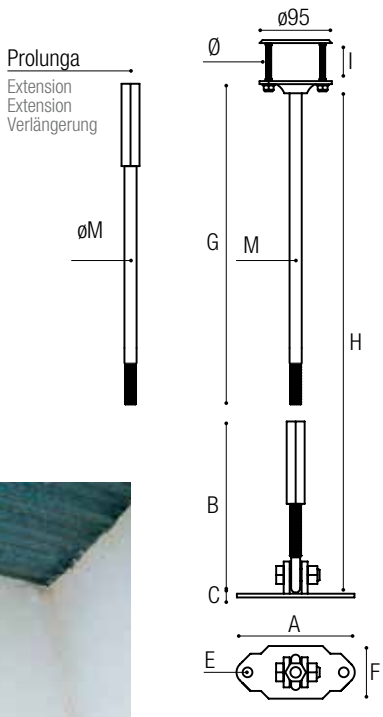

| Cod. | |
|---|---|
| 824 | 12 |

# ASTE PER BOCCA DI LUPO

POLES FOR PORTS OF WOLF
BARRES POUR LES FENÊTRES DU CELLIER
KELLERFENSTERSTANGE





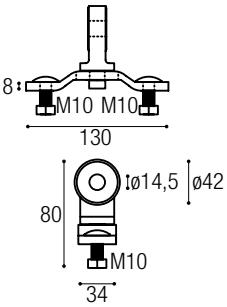

| Cod. | A | B min-max | C | E | F | G | H | I | Ø | M | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 2000 | 90 | 150-180 | 4 | 8,5 | 50 | 300 | - | 50 | M8 | 12 | 10 |
| 3000 | 155 | 250-200 | 5 | 13 | 70 | 420 | - | 50 | M8 | 16 | 6 |
| 2200 | 95 | - | 4 | 9 | 40 | - | 520 | 40 | M8 | 12 | 8 |

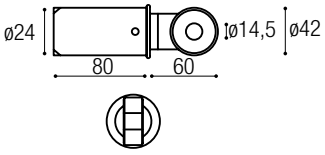
| | Cod. | G | ø M | |
|---|---|---|---|---|
| Prolunghe<br>Extension<br>Extension<br>Verlängerungen | 2100 | 450 | 12 | 2 |
| | 3100 | 600 | 16 | 2 |

# KIT ANTIEFFRAZIONE PER SERRANDE

ANTI-THEFT KIT FOR ROLLER SHUTTERS
KIT ANTI-EFFRACTION POUR VOLETS
ANTI-EINBRUCH KIT FÜR ROLLLADEN






| Cod. | |
|---|---|
| 600 | 1 |

# ACCESSORI PER RECINZIONI

ACCESSORIES FOR FENCES
ACCESSOIRES POUR CLÔTURES
ZUBEHÖRE FÜR ZÄUNE

## Lance per cancellate

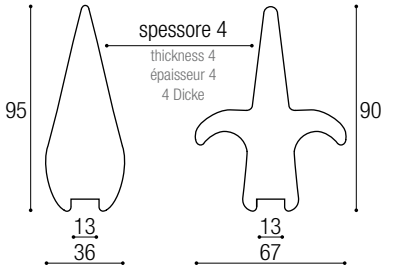
Spears for gates
Pointes pour portails
Lanze für Gitter

Cod. 314



Cod. 313





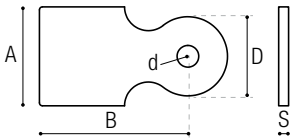

| Cod. | |
|---|---|
| 313 | 25 |
| 314 | 25 |

## Piastrine per fissaggio pannelli recinzione

NOVITÀ NEW NOUVEAU NEUHEIT

Plates for fixing fence panels
Plaques pour la fixation des panneaux de clôture
Platten zur Befestigung von Zaunplatten





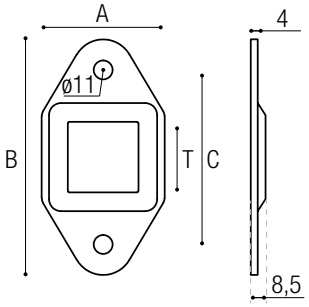

| Cod. | A | B | S | d | D | |
|---|---|---|---|---|---|---|
| 317/25 | 25 | 25 | 4 | 9 | 25 | 100 |
| 317/30 | 30 | 40 | 4 | 9 | 30 | 100 |
| 317/40 | 40 | 55 | 5 | 11 | 35 | 50 |
| 317/50 | 50 | 75 | 5 | 11 | 40 | 50 |

## Basette per pali recinzione

NOVITÀ NEW NOUVEAU NEUHEIT

Fence post base plates
Bases pour poteaux de clôture
Basen für Zaunpfosten






| Cod. | Tubo<br>Tube<br>Tuyau<br>Rohr | A | B | C | T | |
|---|---|---|---|---|---|---|
| 315/30 | 30x30 | 65 | 125 | 90 | 30 | 20 |
| 315/35 | 35x35 | 75 | 135 | 100 | 35 | 20 |
| 315/40 | 40x40 | 75 | 135 | 100 | 40 | 20 |

# DISTANZIALI PER INFERRIATE

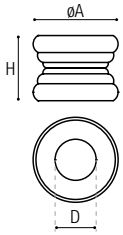
SPACER FOR RAILINGS
ENTRETOISES POUR BALUSTRADES
DISTANZPLATTEN FÜR EISENGITTER



| | Cod. | ø A | H min-max | D | |
|---|---|---|---|---|---|
| Ø 30 | 1030 | 30 | 23-33 | 14,5 | 50 |
| Ø 35 | 1035 | 35 | 23-33 | 14,5 | 50 |



| | Cod. | ø A | H min-max | D | |
|---|---|---|---|---|---|
| Ø 30 | 1130 | 30 | 30-40 | 14,5 | 50 |
| Ø 35 | 1135 | 35 | 30-40 | 14,5 | 50 |

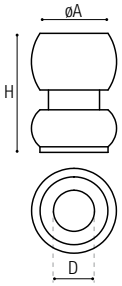





| | Cod. | ø A | H min-max | D | |
|---|---|---|---|---|---|
| Ø 30 | 1230 | 30 | 23-33 | 10,5 | 50 |
| | 1630 | 30 | 26-36 | 10,5 | 50 |
| Ø 35 | 1235 | 35 | 23-33 | 14,5 | 50 |
| | 1635 | 35 | 26-36 | 14,5 | 50 |



| | Cod. | ø A | H min-max | D | |
|---|---|---|---|---|---|
| Ø 30 | 1330 | 30 | 30-40 | 14,5 | 50 |
| | 1930 | 30 | 35-50 | 14,5 | 50 |
| Ø 35 | 1335 | 35 | 30-40 | 14,5 | 50 |
| | 1935 | 35 | 35-50 | 14,5 | 50 |

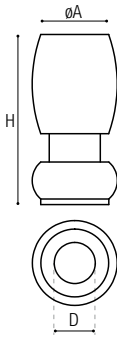





| | Cod. | ø A | H min-max | D | |
|---|---|---|---|---|---|
| Ø 30 | 1430 | 30 | 32-42 | 10,5 | 50 |
| | 1730 | 30 | 37-47 | 10,5 | 50 |
| Ø 35 | 1435 | 35 | 32-42 | 14,5 | 50 |
| | 1735 | 35 | 37-47 | 14,5 | 50 |



| | Cod. | ø A | H min-max | D | |
|---|---|---|---|---|---|
| Ø 30 | 1530 | 30 | 32-47 | 10,5 | 50 |
| Ø 35 | 1535 | 35 | 32-47 | 14,5 | 50 |



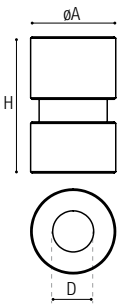



| | Cod. | ø A | H min-max | D | |
|---|---|---|---|---|---|
| Ø 30 | 2030 | 30 | 45-65 | 14,5 | 50 |
| | 2130 | 30 | 50-80 | 14,5 | 50 |
| | 2230 | 30 | 65-105 | 14,5 | 50 |
| Ø 35 | 2035 | 35 | 45-65 | 14,5 | 50 |
| | 2135 | 35 | 50-80 | 14,5 | 50 |
| | 2235 | 35 | 65-105 | 14,5 | 50 |

NOVITÀ
NEW NOUVEAU NEUHEIT

| | Cod. | ø A | H min-max | D | |
|---|---|---|---|---|---|
| Ø 30 | 2330 | 30 | 10-15 | 11,0 | 50 |
| | 2430 | 30 | 15-25 | 15,5 | 50 |
| | 2530 | 30 | 23-33 | 14,5 | 50 |
| | 2630 | 30 | 16-36 | 14,5 | 50 |
| | 2730 | 30 | 30-40 | 14,5 | 50 |
| | 2930 | 30 | 35-50 | 14,5 | 50 |
| | 3130 | 30 | 45-65 | 14,5 | 50 |
| | 3230 | 30 | 50-80 | 14,5 | 50 |
| Ø 35 | 2335 | 35 | 10-15 | 14,5 | 50 |
| | 2435 | 35 | 15-25 | 14,5 | 50 |
| | 2535 | 35 | 23-33 | 14,5 | 50 |
| | 2635 | 35 | 26-36 | 14,5 | 50 |
| | 2735 | 35 | 30-40 | 14,5 | 50 |
| | 2935 | 35 | 35-50 | 14,5 | 50 |
| | 3135 | 35 | 45-65 | 14,5 | 50 |
| | 3235 | 35 | 50-80 | 14,5 | 50 |












# ACCESSORI PER PORTONI INDUSTRIALI

ACCESSORIES FOR INDUSTRIAL DOORS
ACCESSOIRES POUR PORTES INDISTRIELLES
ZUBEHÖRE FÜR INDUSTRIETORE





# Accessori per portoni industriali
Accessories for industrial doors
Accessoires pour portes industrielles
Zubehöre für Industrietore


Accessori per portoni scorrevoli 146
Accessories for sliding doors
Accessoires pour portes coulissantes
Zubehöre für Schiebetore

Accessori per portoni a libro 152
Accessories for folding doors
Accessoires pour portes à livre
Zubehöre für Falttüren





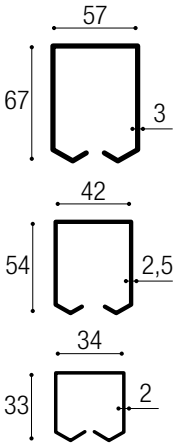





# Monorotaie zincate per cancelli scorrevoli

Galvanized monorails for sliding gates
Monorails galvanisés pour portails coulissants
Verzinkte Einschienenbahnen für Schiebetore



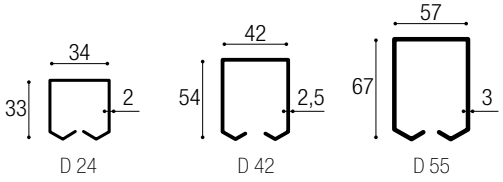


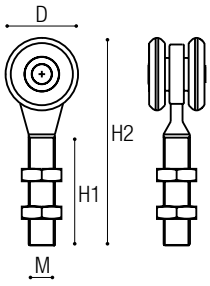

| Cod. | L m | ø Ruote carrelli<br>ø Roller wheels<br>Roues de chariot<br>ø Wagenrollen |
|---|---|---|
| 981/3 | 3 | 55 |
| 981/6 | 6 | 55 |
| 983/3 | 3 | 42 |
| 983/6 | 6 | 42 |
| 985/3 | 3 | 24 |
| 985/6 | 6 | 24 |

# Carrelli scorrevoli a bagno di sfere

Sliding rollers with ball bearings
Chariots coulissants - bain à billes
Schiebewagen - Kugelbad






| Cod. | n° Ruote<br>Wheels<br>Roues<br>Rollen Nr. | D | M | H1 | H2 | Portata kg<br>Capacity kg<br>Capacité Kg<br>Tragfähigkeit kg | |
|---|---|---|---|---|---|---|---|
| 224 | 2 | 24 | M8 | 30 | 60 | 50 | 20 |
| 245 | 2 | 42 | M12 | 60 | 116 | 150 | 10 |
| 255 | 2 | 55 | M20 | 80 | 150 | 250 | 6 |

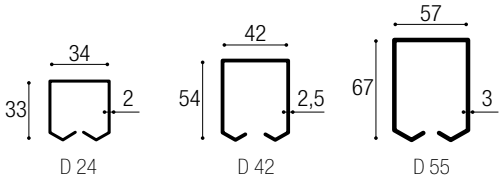


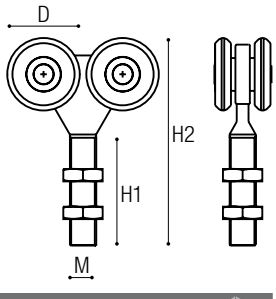
- Versione con ruote in nylon
  Version with nylon wheels
  Version avec roues en nylon
  Version mit Nylonrädern

NOVITÀ NEW NOUVEAU NEUHEIT

| Cod. | n° Ruote<br>Wheels<br>Roues<br>Rollen Nr. | D | M | H1 | H2 | Portata kg<br>Capacity kg<br>Capacité kg<br>Tragfähigkeit kg | |
|---|---|---|---|---|---|---|---|
| 224N | 2 | 24 | M8 | 30 | 60 | 35 | 20 |






| Cod. | n° Ruote<br>Wheels<br>Roues<br>Rollen Nr. | D | M | H1 | H2 | Portata kg<br>Capacity kg<br>Capacité Kg<br>Tragfähigkeit kg | |
|---|---|---|---|---|---|---|---|
| 424 | 4 | 24 | M8 | 30 | 60 | 75 | 20 |
| 445 | 4 | 42 | M12 | 60 | 116 | 300 | 10 |
| 455 | 4 | 55 | M20 | 80 | 150 | 400 | 4 |



- Versione con ruote in nylon
  Version with nylon wheels
  Version avec roues en nylon
  Version mit Nylonrädern

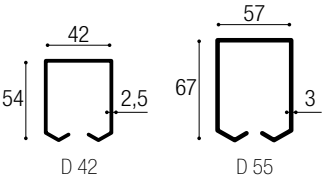
NOVITÀ NEW NOUVEAU NEUHEIT

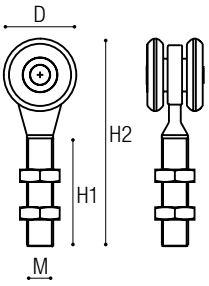
| Cod. | n° Ruote<br>Wheels<br>Roues<br>Rollen Nr. | D | M | H1 | H2 | Portata kg<br>Capacity kg<br>Capacité Kg<br>Tragfähigkeit kg | |
|---|---|---|---|---|---|---|---|
| 424N | 4 | 24 | M8 | 30 | 60 | 60 | 20 |

# Carrelli scorrevoli con cuscinetti

Sliding rollers with bearings
Chariots coulissants avec roulements
Schiebewagen mit Lager






| Cod. | n° Ruote<br>Wheels<br>Roues<br>Rollen Nr. | D | M | H1 | H2 | Portata kg<br>Capacity kg<br>Capacité Kg<br>Tragfähigkeit kg | |
|---|---|---|---|---|---|---|---|
| 245/C | 2 | 42 | M12 | 60 | 116 | 200 | 10 |
| 255/C | 2 | 55 | M20 | 80 | 130 | 400 | 6 |

- Versione con cuscinetti per alte temperature (max 300° C)
  Version with high temperature bearings (max 300° C)
  Version avec roulements à haute température (max 300° C)
  Version mit Hochtemperaturlagern (max. 300° C)

| Cod. | n° Ruote<br>Wheels<br>Roues<br>Rollen Nr. | D | M | H1 | H2 | Portata kg<br>Capacity kg<br>Capacité kg<br>Tragfähigkeit kg | |
|---|---|---|---|---|---|---|---|
| 245/CF | 2 | 42 | M12 | 60 | 116 | 200 | 10 |
| 255/CF | 2 | 55 | M20 | 80 | 130 | 400 | 6 |

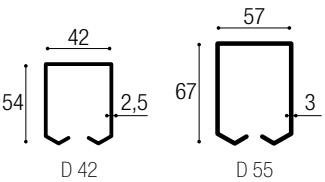


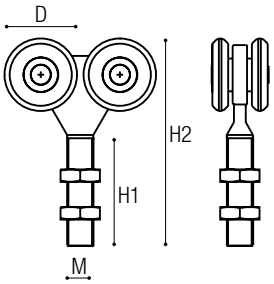
- Versione con ruote in nylon
  Version with nylon wheels
  Version avec roues en nylon
  Version mit Nylonrädern

NOVITÀ
NEW NOUVEAU NEUHEIT

| Cod. | n° Ruote<br>Wheels<br>Roues<br>Rollen Nr. | D | M | H1 | H2 | Portata kg<br>Capacity kg<br>Capacité Kg<br>Tragfähigkeit kg | |
|---|---|---|---|---|---|---|---|
| 245/CN | 2 | 42 | M12 | 60 | 116 | 100 | 10 |






| Cod. | n° Ruote<br>Wheels<br>Roues<br>Rollen Nr. | D | M | H1 | H2 | Portata kg<br>Capacity kg<br>Capacité kg<br>Tragfähigkeit kg | |
|---|---|---|---|---|---|---|---|
| 445/C | 4 | 42 | M12 | 60 | 116 | 300 | 8 |
| 455/C | 4 | 55 | M20 | 80 | 130 | 600 | 4 |

- Versione con cuscinetti per alte temperature (max 300° C)
  Version with high temperature bearings (max 300° C)
  Version avec roulements à haute température (max 300° C)
  Version mit Hochtemperaturlagern (max. 300° C)

| Cod. | n° Ruote<br>Wheels<br>Roues<br>Rollen Nr. | D | M | H1 | H2 | Portata kg<br>Capacity kg<br>Capacité kg<br>Tragfähigkeit kg | |
|---|---|---|---|---|---|---|---|
| 445/CF | 4 | 42 | M12 | 60 | 116 | 300 | 8 |
| 455/CF | 4 | 55 | M20 | 80 | 130 | 600 | 4 |



- Versione con ruote in nylon
  Version with nylon wheels
  Version avec roues en nylon
  Version mit Nylonrädern

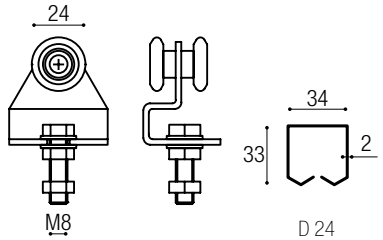
NOVITÀ
NEW NOUVEAU NEUHEIT

| Cod. | n° Ruote<br>Wheels<br>Roues<br>Rollen Nr. | D | M | H1 | H2 | Portata kg<br>Capacity kg<br>Capacité Kg<br>Tragfähigkeit kg | |
|---|---|---|---|---|---|---|---|
| 445/CN | 4 | 42 | M12 | 60 | 116 | 180 | 8 |

# Carrelli scorrevoli a bagno di sfere con supporto

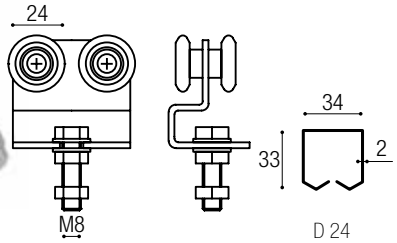
Sliding rollers with ball bearings and support
Chariots coulissants bain à billes avec support
Schiebewagen - Kugelbad mit Support





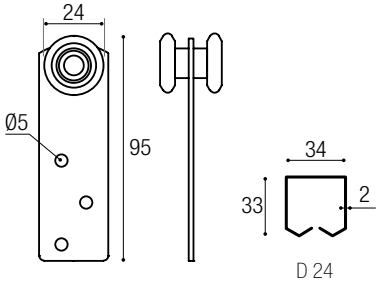

| Cod. | Ruote<br>Wheels<br>Roues<br>Rollen Nr. | Portata kg<br>Capacity kg<br>Capacité Kg<br>Tragfähigkeit kg | |
|---|---|---|---|
| 224S | 2 | 50 | 20 |
| 224SN | 2 | 30 | 20 |





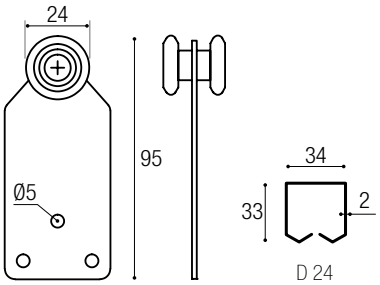

| Cod. | n° Ruote<br>Wheels<br>Roues<br>Rollen Nr. | Portata kg<br>Capacity kg<br>Capacité Kg<br>Tragfähigkeit kg | |
|---|---|---|---|
| 424S | 4 | 75 | 20 |
| 424SN | 4 | 50 | 20 |






| Cod. | n° Ruote<br>Wheels<br>Roues<br>Rollen Nr. | Portata kg<br>Capacity kg<br>Capacité Kg<br>Tragfähigkeit kg | |
|---|---|---|---|
| 224P | 2 | 50 | 20 |
| 224PN | 2 | 40 | 20 |

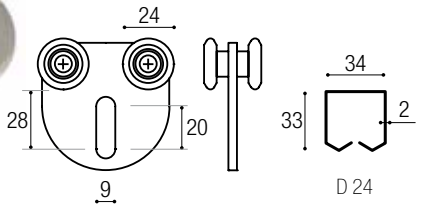





NOVITÀ
NEW NOUVEAU NEUHEIT

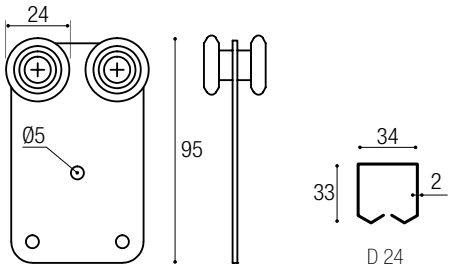
| Cod. | n° Ruote<br>Wheels<br>Roues<br>Rollen Nr. | Portata kg<br>Capacity kg<br>Capacité Kg<br>Tragfähigkeit kg | |
|---|---|---|---|
| 224Q | 2 | 50 | 20 |
| 224QN | 2 | 40 | 20 |






| Cod. | n° Ruote<br>Wheels<br>Roues<br>Rollen Nr. | Portata kg<br>Capacity kg<br>Capacité Kg<br>Tragfähigkeit kg | |
|---|---|---|---|
| 424P | 4 | 80 | 20 |
| 424PN | 4 | 60 | 20 |

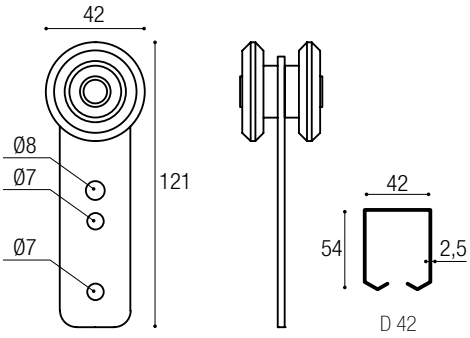





NOVITÀ NEW NOUVEAU NEUHEIT

| Cod. | n° Ruote<br>Wheels<br>Roues<br>Rollen Nr. | Portata kg<br>Capacity kg<br>Capacité Kg<br>Tragfähigkeit kg | |
|---|---|---|---|
| 424PO | 2 | 120 | 20 |



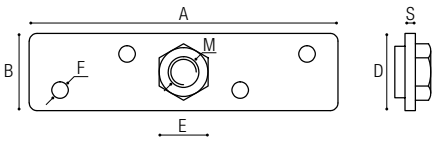



| Cod. | n° Ruote<br>Wheels<br>Roues<br>Rollen Nr. | Portata kg<br>Capacity kg<br>Capacité Kg<br>Tragfähigkeit kg | |
|---|---|---|---|
| 245P | 2 | 120 | 12 |

## Piastrina regolabile per carrelli scorrevoli

Adjustable support plate for carriages
Platine de support réglable pour chariot
Verstellbare Platte für Schiebetore





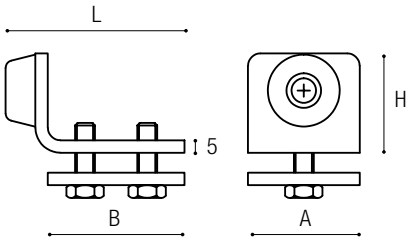

| Cod. | M | A | B | S | E | F | D | |
|---|---|---|---|---|---|---|---|---|
| 444M8 | 8 | 100 | 30 | 4 | 19 | 6,5 | 20 | 20 |
| 444M12 | 12 | 120 | 30 | 4 | 19 | 6,5 | 20 | 10 |
| 444M20 | 20 | 150 | 40 | 4 | 32 | 8,5 | 36 | 6 |

## Arresti fine corsa per carrelli scorrevoli

End stops for sliding trolleys
Butées de fin de course pour chariots coulissants
Endanschläge für Schiebewagen



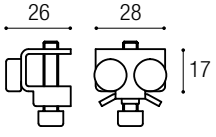





NOVITÀ NEW NOUVEAU NEUHEIT

| Cod. | A | B | L | H | |
|---|---|---|---|---|---|
| 442P | 80 | 25 | 55 | 25 | 10 |
| 442G | 100 | 45 | 70 | 40 | 10 |





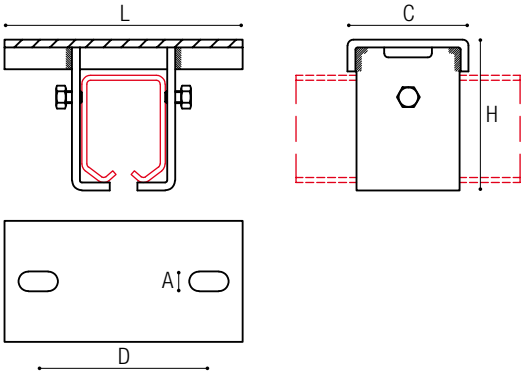

| Cod. | |
|---|---|
| 443 | 10 |

## Supporti a soffitto per monorotaie

Ceiling support for monorails
Supports de plafond pour monorails
Deckensupport für Einschienenbahn







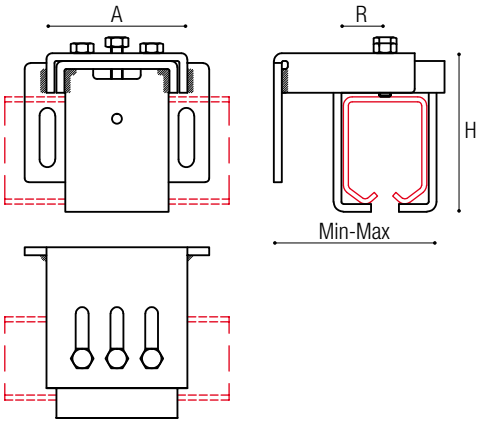

| Cod. | Ref. cod. | A | C | D | H | L | |
|---|---|---|---|---|---|---|---|
| 470.24 | 985 | 10 | 55 | 76 | 55 | 110 | 10 |
| 470.42 | 983 | 10 | 61 | 86 | 76 | 120 | 10 |
| 470.55 | 981 | 10 | 65 | 102 | 92 | 136 | 10 |

## Supporti a parete per monorotaie

Wall supports for monorails
Support à mur pour monorails
Wandsupport für Einschienenbahn







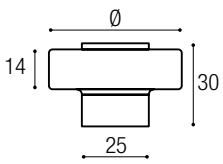

| Cod. | Ref. cod. | A | Min-Max | R | H | |
|---|---|---|---|---|---|---|
| 471.24 | 985 | 83 | 52÷70 | 18 | 58 | 10 |
| 471.42 | 983 | 93 | 60÷82 | 22 | 80 | 10 |
| 471.55 | 981 | 97 | 71÷93 | 22 | 96 | 10 |

## Rulli guida in acciaio a saldare

Steel guide rollers to be welded
Roulements de guidage en acier à sauder
Stahlführungswalzen zum Schweissen







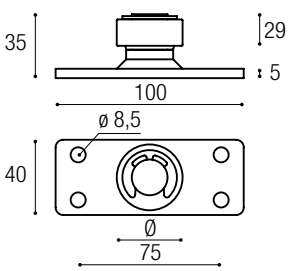

| Cod. | Ø | |
|---|---|---|
| 159 | 35 | 24 |
| 160 | 42 | 20 |
| 161 | 52 | 12 |

## Rulli guida in nylon con piastrina

Nylon guide rollers with joint plate
Roulement en nylon avec plaque
Nylonführungswalzen mit Platte








| Cod. | Ø | |
|---|---|---|
| 1590 | 35 | 12 |
| 1600 | 42 | 12 |
| 1610 | 52 | 12 |

# Maniglie ad incasso per portoni

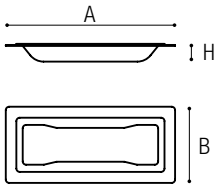
Doors handles to be embedded
Poignée à encaster
Einbaugriffe für Tore



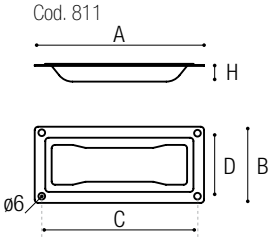
Cod. 800

Cod. 810
Cod. 811

Cod. 800




Cod. 810
Cod. 811




| Cod. | A | B | C | D | H | |
|---|---|---|---|---|---|---|
| 800 | 175 | 75 | - | - | 19 | 12 |
| 810 | 175 | 75 | 155 | 65 | 19 | 12 |
| 811 | 200 | 90 | 184 | 74 | 21 | 10 |

# Maniglioni per portoni scorrevoli

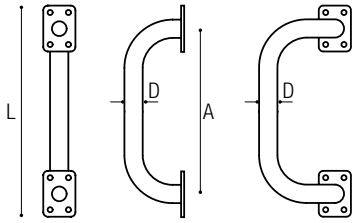
Pull handles
Poignée pour portes coulissantes
Griffschale für Schiebetore



Cod. 822



Cod. 823




| Cod. | A | L | D | |
|---|---|---|---|---|
| 822/180 | 180 | 230 | 20 | 10 |
| 822/280 | 280 | 345 | 28 | 10 |
| 823/180 | 180 | 230 | 20 | 10 |
| 823/280 | 280 | 345 | 28 | 8 |

# Ruote regolabili in altezza per portoni industriali - con supporto

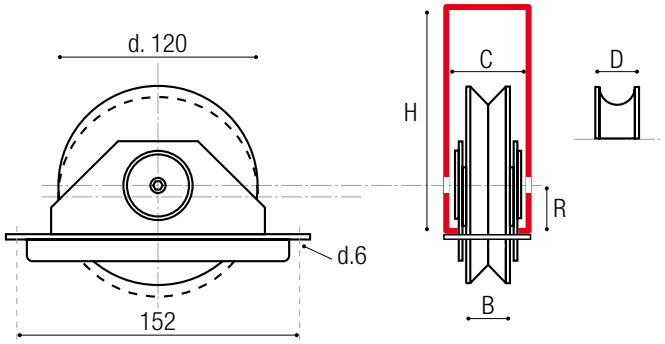
Adjustable-height wheels for industrial doors - with support
Roues réglables en hauteur pour portails industriels - avec support
Höhenverstellbare Rollen für industrielle Tore - mit Support

Cod. 136



Regolabili in altezza tramite perno eccentrico
Height-adjustable through the eccentric pin
Réglable en hauteur par pivot excentrique
Höhenverstellbar mit Exzenterbolzen

Cod. 135




| Cod. | B | C | H | D | R | Gola<br>Groove<br>Gorge<br>Bodenlaufrolle | Portata Kg<br>Capacity kg<br>Capacité Kg<br>Tragfähigkeit kg | |
|---|---|---|---|---|---|---|---|---|
| 135 | 26 | 42 | 110 | - | 12÷19 | V | 500 | 4 |
| 136 | 26 | 42 | 110 | 21 | 10÷17 | U ø 20 | 500 | 4 |

# ACCESSORI PER PORTONI A LIBRO

ACCESSORIES FOR FOLDING DOORS
ACCESSOIRES POUR PORTES À LIVRE
ZUBEHÖRE FÜR FALTTÜREN

NOVITÀ
NEW NOUVEAU NEUHEIT

**Carrello** — Cod. 465
Carriage
Chariots
Wagen



**Mezza cerniera** — Cod. 464
Half hinge
Demi charnière
halber Scharnier



**Monorotaia** — Cod. 995
Monorail
Monorail
Einschienenbahn



**Sostegno** — Cod. 468
Bracket
Support
Stütze



**Supporto** — Cod. 469
Supporto
Support
Stütze





**Cerniera doppia** — Cod. 463
Hinge
Charnière
Scharnier



**Mezza cerniera** — Cod. 461
Half hinge
Demi charnière
halber Scharnier



**Incontro a terra** — Cod. 462
Ground stopper
Battant au sol
Bodenanschlag



**Cariglione** — Cod. 650S
Espagnolette
Poignée
Treibriegel



**Maniglione** — Cod. 822
Handle
Poignée
Griff



**Cariglione** — Cod. 650D
Espagnolette
Poignée
Treibriegel



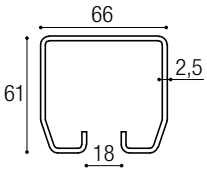
**Cerniera doppia** — Cod. 463
Hinge
Charnière
Scharnier



# Monorotaia

Monorail
Monorail
Einschienenbahn






| Cod. | L m | Finitura<br>Finishing<br>Finition<br>Nacharbeit |
|---|---|---|
| 995/3 | 3 | zincata galvanized - galvanisé - verzinkt |
| 995/6 | 6 | zincata galvanized - galvanisé - verzinkt |

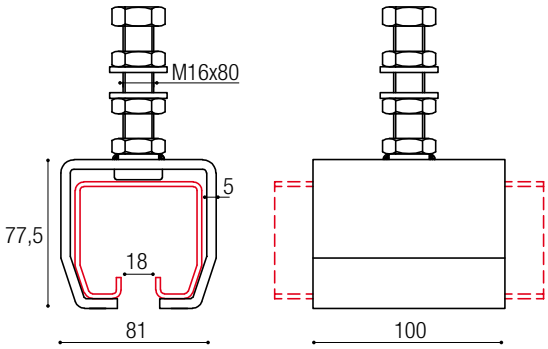
# Sostegno regolabile per monorotaia

Adjustable guide support
Support réglable pour monorail
Verstellbare Stütze für Einschienenbahn







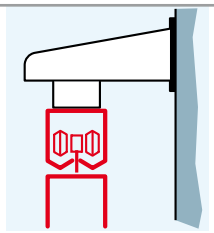




| Cod. | Ref. cod. | |
|---|---|---|
| 468 | 995 | 8 |

# Supporto regolabile a fissare per monorotaie

Adjustable bracket to be fixed
Support réglable à visser pour monorails
Verstellbare Stütze zum Fixieren für Einschienenbahn

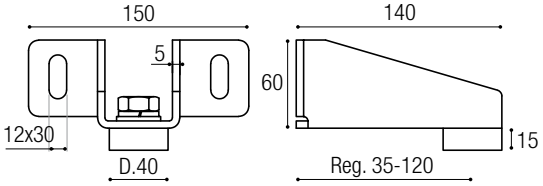


Cod. 469



Cod. 469

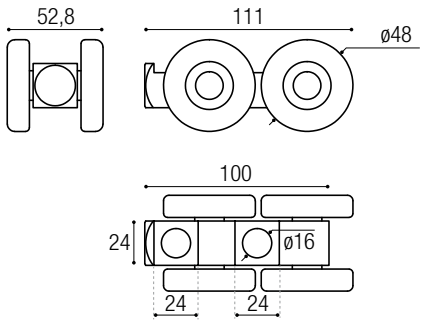



| Cod. | Applicazione<br>Application<br>Application<br>Anwendung | |
|---|---|---|
| 469 | A saldare To welding - À souder - zum Schweissen | 4 |
| 469F | A fissare To fixing - À visser - zum Fixieren | 4 |

## Carrello a 4 ruote per portoni scorrevoli pesanti

4 wheels carriage for heavy sliding doors
Chariot 4 roues pour portes coulissantes lourdes
Wagen mit 4 Rollen für schwere Schiebetore





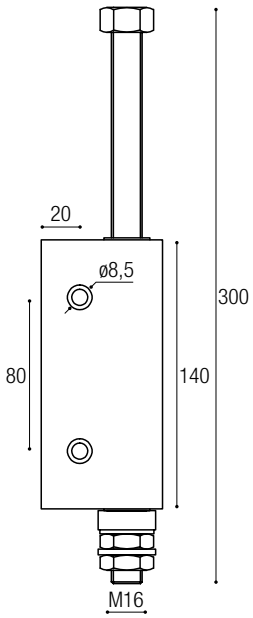

| Cod. | Ref. cod. | Portata kg<br>Capacity kg<br>Capacité Kg<br>Tragfähigkeit kg | |
|---|---|---|---|
| 465 | 995 | 1000 | 8 |



## Mezza cerniera con perno

Half hinge with support pin
Demi charnière avec pivot
halber Scharnier mit Bolzen



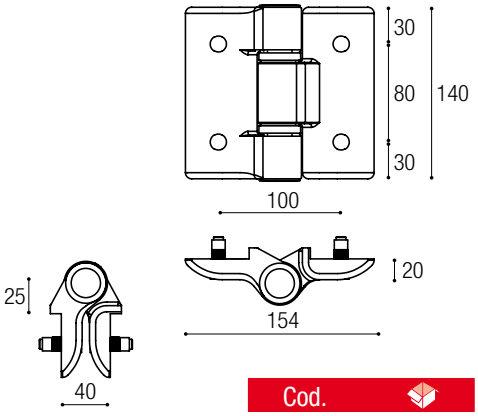



| Cod. | |
|---|---|
| 466 | 4 |

## Cerniera doppia

Double hinge
Double charnière
Doppelter Scharnier



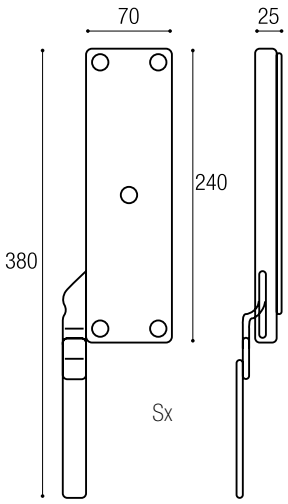



| Cod. | |
|---|---|
| 463 | 4 |

# Cariglione per portoni

Espagnolettes for doors
Poignée pour portails
Treibriegel für Tore



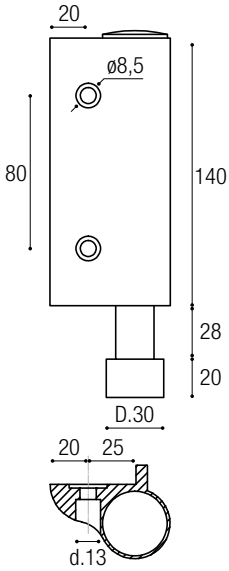

- Per aste 30x10
  For poles 30x10
  Pour barres 30x10
  Für Stange 30x10

| Cod. | | |
|---|---|---|
| 650D | Dx | 4 |
| 650S | Sx | 4 |

# Mezza cerniera inferiore con perno

Lower half hinge with guide pin
Demi charnière inferiéure avec pivot
Halber unterer Scharnier mit Bolzen



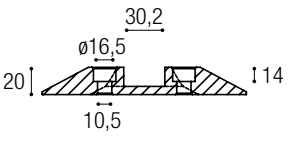


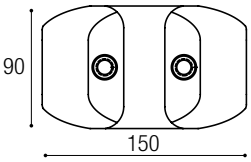

| Cod. | |
|---|---|
| 462 | 4 |

# Incontro a terra

Ground stopper
Battant au sol
Bodenanschlag






| Cod. | |
|---|---|
| 461 | 4 |

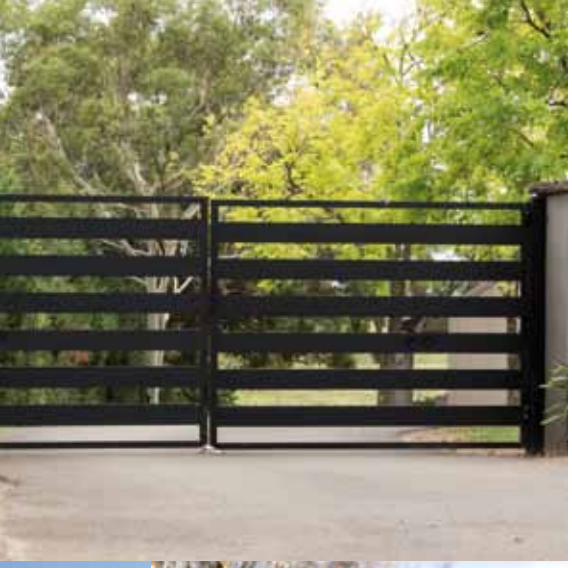
















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