



COMUNELLO

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2014

CATA-LISTINO



 **COMUNELLO**



 **COMUNELLO**

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COMUNELLO 
GATE DIVISION

COMUNELLO 
FRAME DIVISION

COMUNELLO 
AUTOMATION

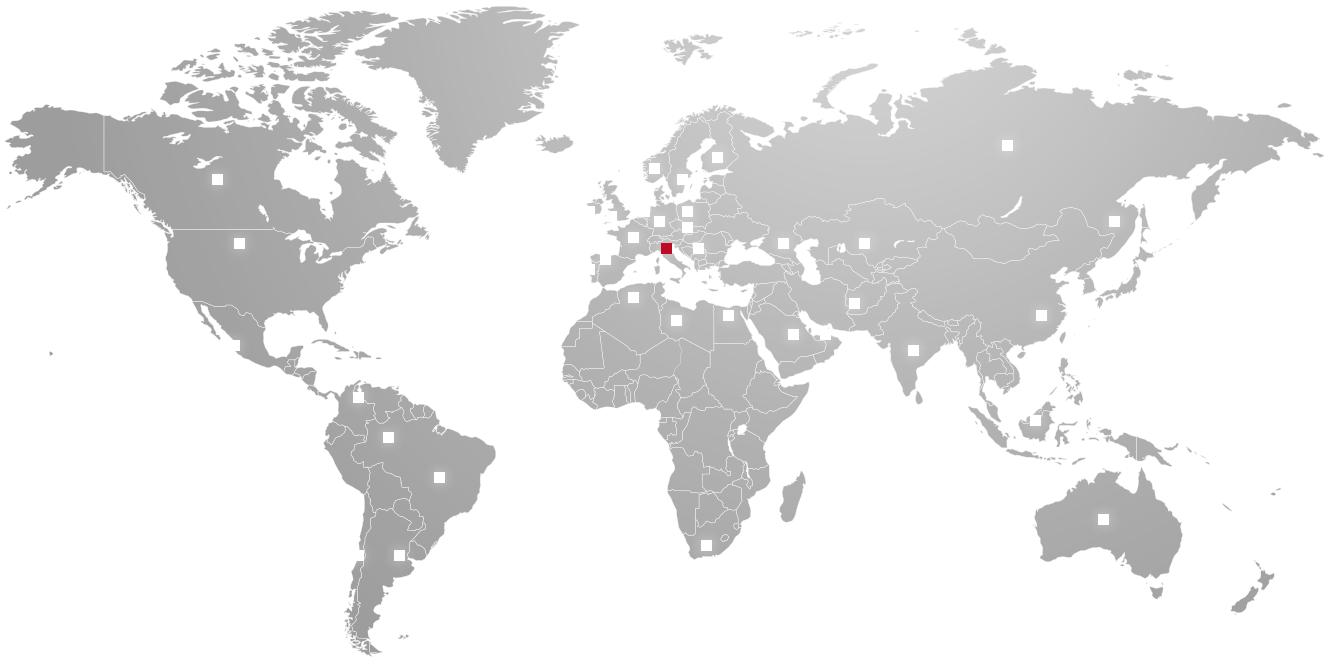
www.comunello.com



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The opening company

Attingendo alle migliori virtù e risorse della terra dove sorge sin dalla sua fondazione nel 1965, l'azienda Fratelli Comunello, storicamente conosciuta per essere leader nel settore dei componenti per cancelli, ha di fatto sviluppato un prodotto che è da sempre alla base della sua mission: la qualità assoluta. Concetto che nel tempo si è esteso ed evoluto declinandosi in tre divisioni altamente specializzate e cioè FRAME, GATE ed AUTOMATION quest'ultima a sua volta suddivisa in Mowin, che fornisce attuatori per finestre, cupole, lucernai e tende, e in Gate Automation che offre al mercato una gamma sempre innovativa di motori per l'automazione dei cancelli progettati e realizzati secondo i più alti standard sia per prestazioni che per estetica.

Drawn from the best resources of the area where the company was founded in 1965, Fratelli Comunello, a leading international name in the manufacture of gate components, has developed one product that has become the cornerstone of its Mission: Quality. Over time this guiding principle has evolved and today forms the foundation of our three highly specialised divisions: FRAME, GATE and AUTOMATION. The AUTOMATION Division is split into two parts, Mowin which supplies actuators for windows, domes, skylights and curtains, and Gate Automation which supplies an innovative range of motors for gate automation designed and manufactured to the highest standards of performance and style.

La divisione fa la forza

COMUNELLO
GATE DIVISION

COMUNELLO
FRAME DIVISION

COMUNELLO
AUTOMATION

Tre divisioni che esprimono quelli che sono i valori di Comunello: qualità assoluta, alta precisione, ricerca ed innovazione. Ogni progetto è apertura verso il futuro e riferimento sicuro per i settori specifici di ciascuna divisione.



Il senso di un gruppo sta in una forza che è somma di tutte le singole forze e compendio delle migliori attitudini. L'aspetto più evidente di questa sinergia sono i valori condivisi che si esprimono in tutto ed in ogni parte del tutto. Qualità nei materiali, nella ricerca e progettazione, negli investimenti e nella lavorazione. Qualità nel servizio e nei comportamenti. Dall'elemento al movimento, aziende e divisioni, unite da un unico spirito, raccolgono con grande positività ogni sfida del futuro.

A Group is the sum of the forces of all of its parts, the essence of the best it has to offer. At Comunello the clearest evidence of this united approach is in our shared values which cover everything and every part of everything. Quality in materials, research, design, in the investments and in the manufacturing processes. Quality in the service and in our behaviour. From the component to the movement, the company and its divisions are all united by a single spirit and inspired by every new challenge the future holds.

L'azienda è attenta al rispetto dell'ambiente e a tutte le tematiche inerenti la sicurezza sul lavoro e la tutela della salute di tutti i suoi lavoratori. Inoltre, per una maggiore garanzia e controllo della qualità del prodotto, l'Azienda gestisce un sistema di gestione conforme alle norme UNI EN ISO 9001:2008 certificato dal TÜV SÜD / *The Company takes its environmental responsibilities seriously and is committed to respecting Health and Safety laws so as to provide a safe working environment for its employees. Furthermore, in order to provide a further guarantee and greater control over the quality of the products, the Company uses a management system in line with UNI EN ISO 9001:2008 standards as certified by TÜV SÜD.*





Il moto perpetuo

I componenti per la movimentazione dei cancelli *Components for gate movement*

La divisione GATE progetta e realizza componenti per la movimentazione di cancelli e portoni industriali e cioè la produzione storica dell'azienda che ne ha fatto da anni leader nel settore. Dal 1965 infatti, l'azienda ha sviluppato un concetto di qualità assoluta ed è in grado di fornire la gamma più completa ed affidabile di accessori per questo tipo di funzione e di offrire garanzie in merito a qualità del prodotto e del servizio cui i partner fanno da sempre riferimento. Il cliente può contare su un'assistenza tecnica professionale qualificata e su consegne puntuali e sulla base delle sue specifiche esigenze.

The GATE Division is responsible for the design and manufacture of gate and industrial door components. This is the company's original field and where we have been an industry leader for many years. Since 1965 the company has developed a concept for absolute quality and provides the widest and most reliable selection of accessories for gate movements as well as iron-clad guarantees for both the quality of the product and the quality of the service we offer to our partners. Clients can rely on qualified, professional technical support and on-time deliveries based on their specific needs.

Application



La precisione diventa sistema

Le squadrette per serramenti e i maniglioni *Corner joints and handles*

Una visione razionale d'insieme caratterizza una proposta che non si limita ad una serie di elementi singoli ma presenta una gamma di sistemi di squadrette estremamente completa. Tutti i prodotti sono made in Italy. Massima facilità di utilizzo, montaggio e regolazione; operazioni corredate in ogni caso da materiale stampato di supporto. I valori del gruppo si esprimono anche nell'importante segmento della produzione dei maniglioni. Ricerca, qualità dei materiali, che sono acciaio inox, alluminio e nylon, e controllo. Design curatissimo ed italiano, forme intelligenti ed ergonomiche.

Our truly visionary concept for the development of the product range means that more than a series of single elements we offer a complete range of corner joint systems. All of our products are 100% made in Italy. They are extremely easy to use, install and adjust and come with high-quality purpose-made moulded supports. The values of the Comunello Group are also visible in our range of handles where research, materials and quality are, as always, fundamental. Made from a choice of stainless steel, aluminium or nylon they provide the highest levels of control. Their Italian design ensures they are stylish and attractive with intelligent, ergonomic shapes.

Application



COMUNELLO
FRAME DIVISION



L'automazione resa facile



La gestione automatizzata da remoto di abitazioni, industrie, posti pubblici, grandi opere ed infrastrutture sempre più entra nel computo progettuale come elemento ormai associato.

Mowin Open App è una web application basata su interfaccia web; sfrutta quindi la flessibilità e l'ubiquità della "nuvola digitale" (cloud) ed è di conseguenza compatibile con tutte le piattaforme digitali, dal computer al tablet allo smartphone, e con tutti i sistemi operativi. Ma soprattutto, oltre a poter gestire le funzioni di Mowin da qualunque punto dell'abitazione o dello stabile, potete farlo anche da qualunque parte del mondo voi vi troviate.

*The remote management of homes, business premises, public spaces and infrastructure has become an increasingly fundamental part of architectural and urban design projects. The **Mowin Open App** is a web application which exploits the flexibility and global reach of the Cloud to be compatible with all digital platforms from computers to tablets to smartphones as well as with any OS. But more than this, these systems can be managed as effectively from any part of the world as they can from any part of the house or business premises.*





Gli attuatori elettromeccanici *The Electromagnetic actuators*

Il progetto Mowin® nasce dalla lunga esperienza maturata da Comunello nella movimentazione meccanica di serramenti e cancelli. Quanto mai reali ed effettive restano le garanzie di qualità e durabilità, irrinunciabili quindi anche nei nuovissimi attuatori elettromeccanici. Stabili, altamente flessibili, esteticamente accattivanti per il design moderno e raffinato, le serie Mowin® sono adatte a diverse applicazioni: finestre, cupolini, lucernai, pale frangisole, tende, tapparelle. Perfettamente a loro agio in ambienti residenziali.

The Mowin® project is based on the Company's long experience with mechanical movement systems for windows and gates. With this brand new line of electromechanical actuators we remain committed to guaranteeing our renowned levels of quality and durability to our customers. The Mowin® series is stable, highly flexible and attractive with modern, refined designs. The units are suitable for a range of applications including windows, domes, skylights, brise soleil blades, curtains and shutters. They are perfectly at home in residential settings.

Application





COMUNELLO

Passione
per i motori



Automazioni per ingressi automatici *Automation for automated openings*

Un'evoluzione spontanea ci ha portati nel tempo a ricercare e sviluppare questo progetto ambizioso ed estremamente importante per il Gruppo che oggi è in grado di garantire ogni fase delle operazioni di apertura attraverso una gamma completa di motori ai massimi livelli di sicurezza, funzionalità e praticità. Accanto alla qualità garantita dall'etica produttiva Comunello, la nuova linea di motori si pone nettamente all'avanguardia in fatto di innovazione tecnologica e di design, che si presenta fluido, elegante ed originale. La volontà di offrire al settore risposte puntuali ed esaurienti ha comportato la progettazione di specifici attuatori elettromeccanici divisi per le diverse tipologie di apertura in base a funzioni e dimensioni dei cancelli che devono andare a muovere.

This ambitious project is based on our commitment to providing complete solutions. Today we supply motors for all kinds of openings with an extensive range designed to provide the highest levels of security, performance and practicality. Alongside the guarantee of quality that comes from Comunello's renowned manufacturing ethics, this new line of motors is leading the industry with its technological innovation and stylish, original designs. The desire to provide rapid, complete solutions to sector needs has led to the design of specific electromechanical actuators for the various types of openings based on the function and size of the gates they need to move.

Application



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COMUNELLO
GATE DIVISION





Gate Components



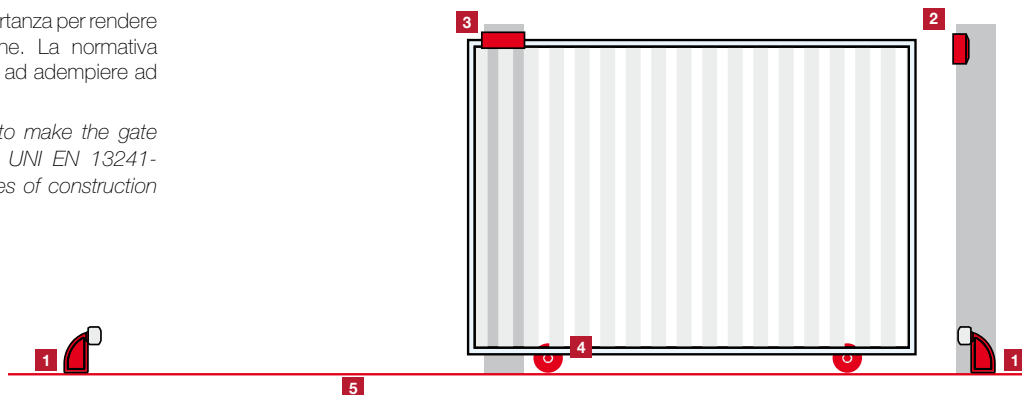
LEGENDA

	Articolo / Article		Pezzi per confezione / Pieces per pack
	Misura specifica / Measure		Peso confezione / Weight of pack
	Finitura / Finishing		Prezzo / Price
	Regolazione / Regulation		Lubrificazione / Greasing
	Portata / Capacity		Cuscinetti / Bearings
	Portata singolo carrello / Capacity of single carriage		Accessori in acciaio inox / S-Steel accessories
	Abbinamento monorotaia / Related monorail		
	Abbinamento tiranti / Related tie roads		

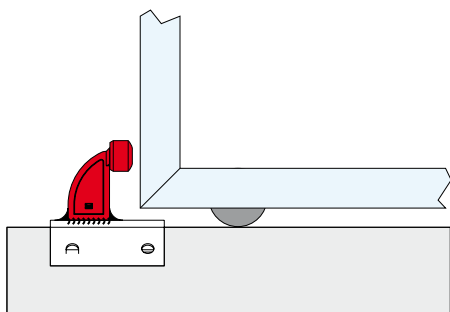
CANCELLO SCORREVOLE / SLIDING GATE

Gli accessori meccanici sono di fondamentale importanza per rendere sicuro il cancello durante la sua movimentazione. La normativa Europea UNI EN 13241-1 obbliga tutti i costruttori ad adempiere ad una serie di modalità costruttive.

Mechanical accessories are extremely important to make the gate safe during its movements. European Directives UNI EN 13241-1 forces in fact all the constructors to fulfill a series of construction obligations.



1 ARRESTI DI FINE CORSA / GATE STOPS

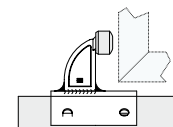


Gli arresti di fine corsa Comunello sono sottoposti a severi test d'urto che ne garantiscono la robustezza anche con impatti violenti.

Comunello gate stops undergo strict force tests, conducted using qualified testing devices.



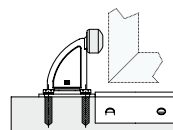
200P
200G
200i G



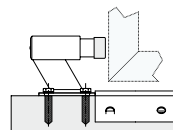
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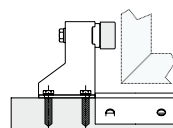
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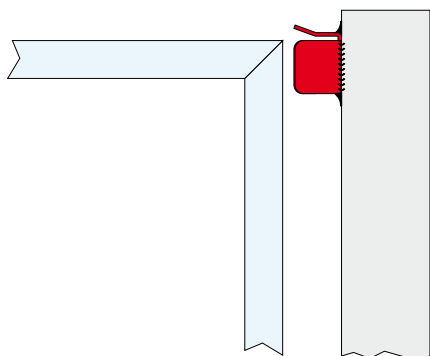
202 F/A



202 F/C



2 ARRESTI DI FINE CORSA / GATE STOPS

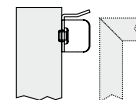


Nella posizione di chiusura l'arresto di fine corsa è un accessorio di fondamentale importanza, serve a rendere sicuro il cancello evitando anche la caduta in caso di urti accidentali.

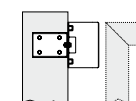
It is fundamentally important to place strikes in the closing position: they make the gate safe avoiding its fall in case of accidental impact.



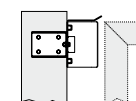
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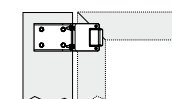
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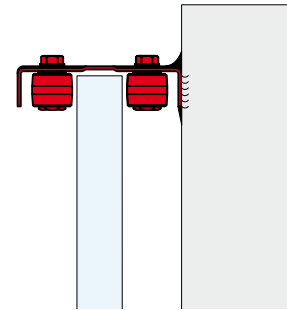
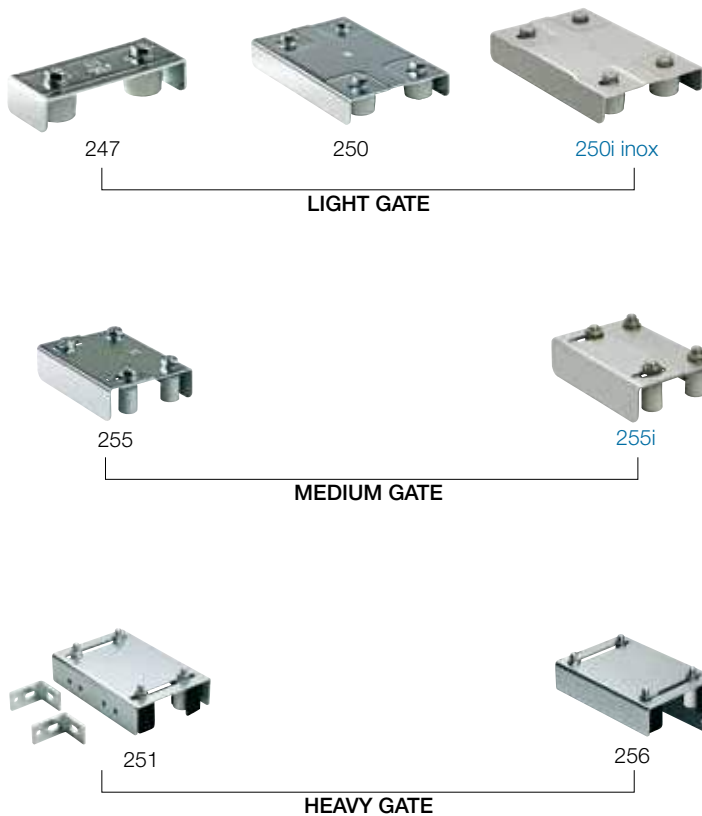
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CG-30



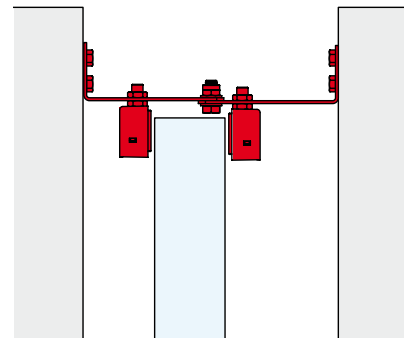
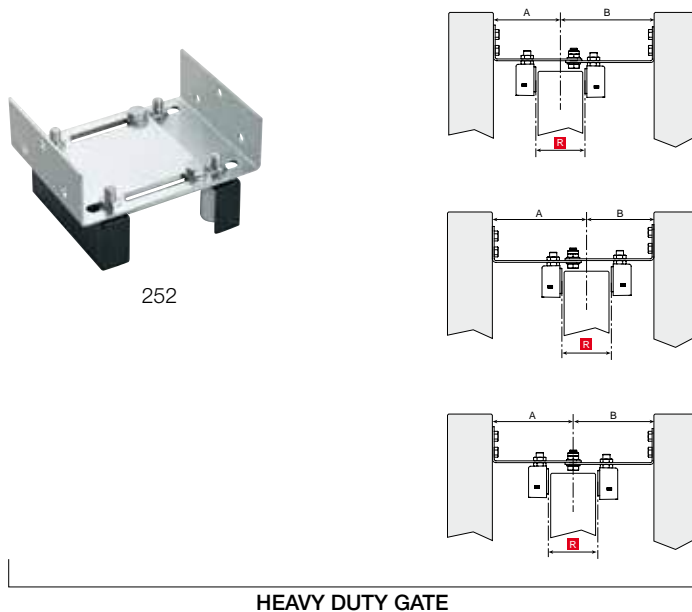
PIASTRA GUIDA SUPERIORE PER COLONNA SINGOLA / GUIDING PLATES FOR SINGLE POST



Le piastre guida cancello sono sviluppate per diverse tipologie e modalità di applicazione a seconda delle specifiche esigenze. Da quelle di tipo leggero a quelle regolabili, per cancelli di media e pesante struttura.

Comunello guiding plates have been developed for many different applications: we offer both "light" guiding plates and adjustable ones, the latter best suited for medium and heavy structures.

3 PIASTRA GUIDA SUPERIORE PER COLONNA DOPPIA / GUIDING PLATES FOR DOUBLE POST



Per cancelli di grandi dimensioni l'adozione del doppio pilastro è una sicurezza maggiore e necessaria. La piastra 252 è la soluzione ideale per le regolazioni multiple da svolgere dopo aver installato il cancello.

Double post is the safest solution to be adopted for gates of big dimensions. The 252 guiding plate is perfect when multiple adjustments need to be made after the gate installation.

RUOTE / WHEELS

Le ruote Comunello sono tutte certificate con prove di laboratorio in cui viene garantita la durata di oltre 2.000.000 cicli.

Comunello wheels are all certified by laboratory tests that guarantee durability for more than 200.000 cycles. **2.000.000 cycles.**

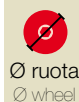


La vasta gamma di ruote Comunello sono tutte rigorosamente in acciaio C40 e protette da zincatura elettrolitica. Vengono prodotte con tecnologie di altissima precisione e con standard meccanici di elevata qualità.

Le versioni delle ruote in **acciaio inox** garantiscono una maggiore garanzia di durata e funzionalità su zone climatiche particolarmente umide o con percentuali saline elevate. I cuscinetti sono tutti di nuova generazione, sviluppati su richieste tecniche e specifiche Comunello perfettamente schermati.

The wide range of Comunello wheels are rigorously made of steel C40 and protected by electrolytic galvanizing. Moreover, the wheels are manufactured using high precision technology and superior quality standards.

The **stainless steel** wheel version with stainless steel bearing guarantees longer duration and better functionality under conditions of humid climate or high saline concentration. All bearings are all new and developed under precise technical requirements and specifications and are all perfectly shielded.

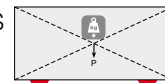


Ø ruota
Ø wheel

SCEGLI LA RUOTA IN BASE ALLA PORTATA / VIEW THE LOAD CAPACITIES OF COMUNELLO WHEELS

(Es: per un cancello con peso della struttura P=600kg si devono scegliere 2 ruote con una portata minima di 300 Kg cad.)

(Ex: If the gate's weight is P=600Kg you have to choose 2 wheels with a minimum load capacity of 300 Kg each)



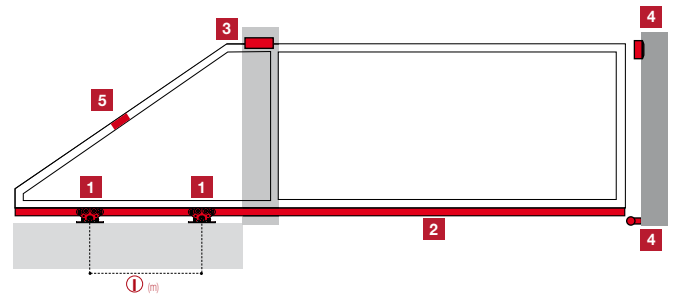
Ø 250												1500 Kg	800 Kg	1500 Kg
Ø 200	330 Kg	400 Kg	625 Kg	800 Kg	330 Kg	600 Kg	330 Kg	400 Kg	625 Kg	800 Kg	800 Kg	1000 Kg	750 Kg	1000 Kg
Ø 160	290 Kg	370 Kg	575 Kg	770 Kg	290 Kg	560 Kg	290 Kg	370 Kg	575 Kg	770 Kg	750 Kg	960 Kg	710 Kg	960 Kg
Ø 140	270 Kg	270 Kg	550 Kg	540 Kg	270 Kg	540 Kg	270 Kg	270 Kg	550 Kg	540 Kg	710 Kg			
Ø 120	240 Kg	240 Kg	450 Kg	420 Kg	240 Kg	420 Kg	240 Kg	240 Kg	450 Kg	420 Kg	400 Kg	600 Kg	400 Kg	600 Kg
Ø 100	220 Kg	220 Kg	425 Kg	400 Kg	220 Kg	400 Kg	220 Kg	220 Kg	425 Kg	400 Kg	380 Kg	580 Kg	380 Kg	580 Kg
Ø 90	210 Kg	210 Kg			210 Kg		210 Kg	210 Kg						
Ø 80	200 Kg	200 Kg			200 Kg		200 Kg	200 Kg						
Ø 70	190 Kg						190 Kg							
Ø 60	100 Kg	100 Kg			100 Kg		100 Kg	100 Kg						
Ø 50	70 Kg						70 Kg							
Ø 40	50 Kg						50 Kg							
	300V-U	300V i	305V-U	305V i	306Y	307Y	310ST	310ST i	315ST	315ST i	320V-U-Y	322 V-U-Y	323 ST	324 ST
		INOX ST. STEEL		INOX ST. STEEL				INOX ST. STEEL		INOX ST. STEEL		ingrassatore grease	ingrassatore grease	ingrassatore grease



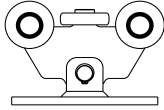
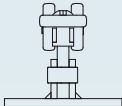

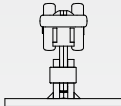

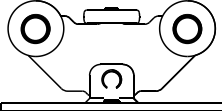
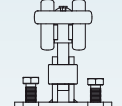

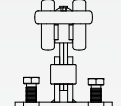

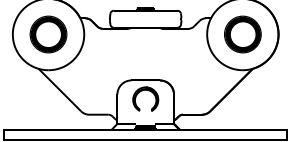
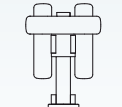

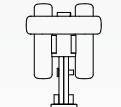

CANCELLO AUTOPORTANTE / CANTILEVER GATE SYSTEM

La gamma di carrelli autoportanti CGS-350 e CGS-250 è la migliore soluzione per tutti i sistemi di cancelli autoportanti. A seconda delle esigenze del mercato sono disponibili le serie a 5 e 8 ruote nelle misure mini, piccole e grandi. La serie mini è la migliore soluzione per cancelli piccoli assicurando alte prestazioni in termini di capacità e durabilità.

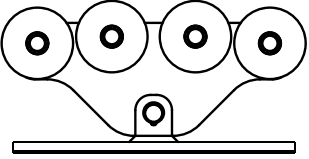
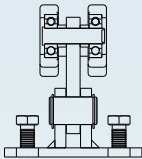

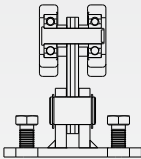

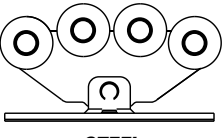
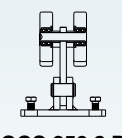

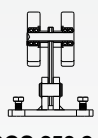

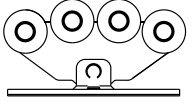
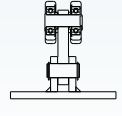

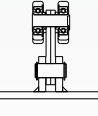

The product series CGS-350 and CGS-250 are the best solution for any cantilever system. According to each market requirement we provide 5- and 8-wheel carriages in the three versions Mini, Small and Large. The series Mini is the best solution for small gates, assuring high performances in terms of loading capacity and durability.



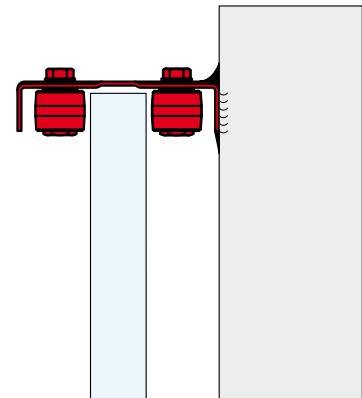
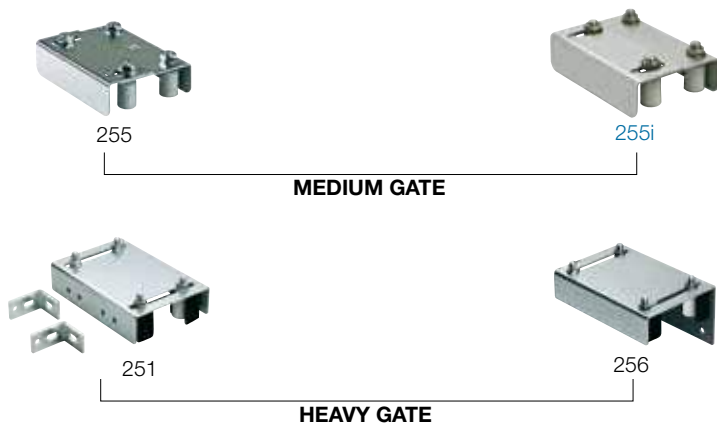
5 RUOTE / WHEELS

1	BEST PERFORMANCE	2	HYBRID	2
 STEEL	 CGS 350.5 M CGA 350.5 M	 CGS 345 M CGA 345 M	 CGS 250.5 M	 CGS 245 M
 iNOX / ST. STEEL ALLUMINIUM	 CGS 350.5 P CGi 350.5 P CGA 350.5 P	 CGS 345 P CGi 345 P CGA 345 P	 CGS 250.5 P	 CGS 245 P
 STEEL	 CGS 350.5 G	 CGS 345 G	 CGS 250.5 G	 CGS 245 G

8 RUOTE / WHEELS

1	BEST PERFORMANCE	2	HYBRID	2
 STEEL	 CGS 350.8 G	 CGS 345 G	 CGS 250.8 G	 CGS 245 G
 STEEL	 CGS 350.8 P	 CGS 345 P	 CGS 250.8 P	 CGS 245 P
 STEEL	 CGS 350.8 M	 CGS 345 M	 CGS 250.8 M	 CGS 245 M

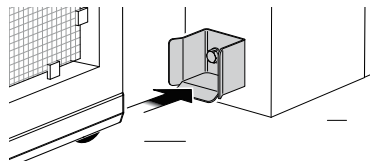
3 PIASTRE GUIDA / GUIDING PLATES



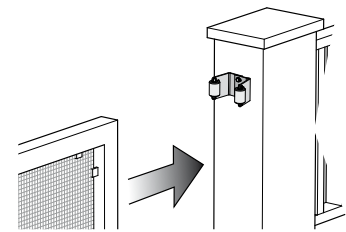
4 ACCESSORI DI BASE / BASIC ACCESSORIES



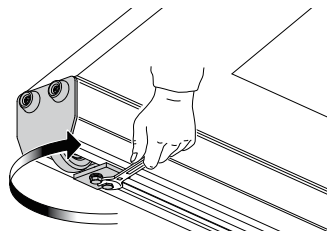
CGS-346



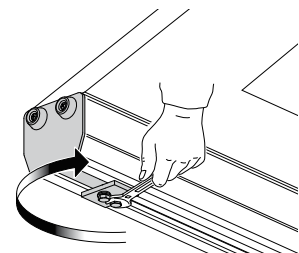
CG-30



CGS-347



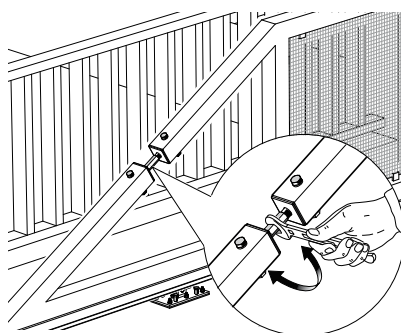
CG-20



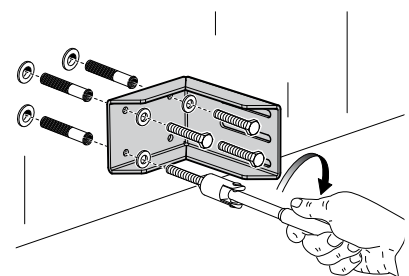
5 ACCESSORI DI REGOLAZIONE / ADJUSTMENT ACCESSORIES



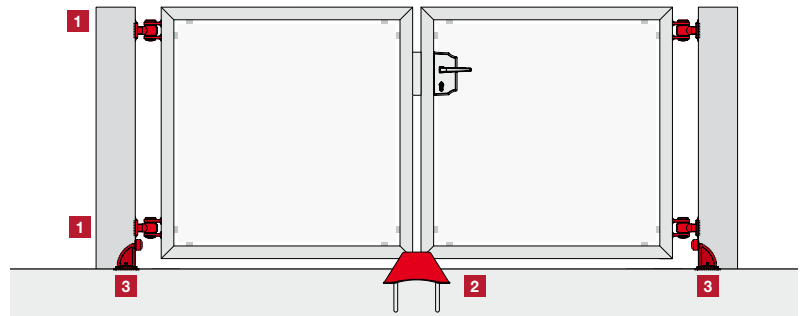
CG-40



CG-15

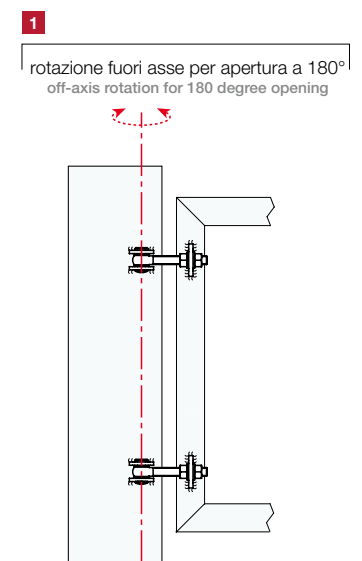
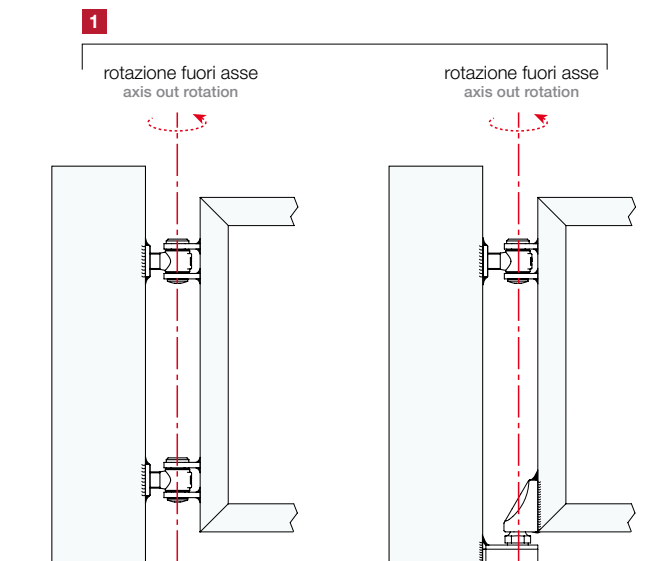
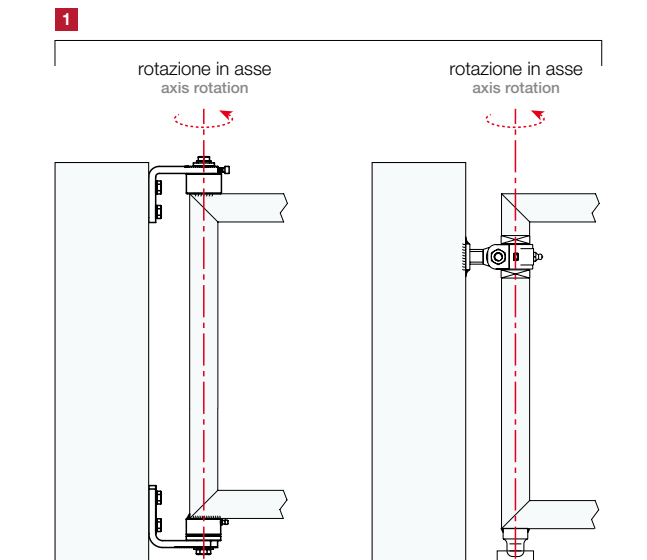


CANCELLO AD ANTA BATTENTE / SWING GATE SYSTEM

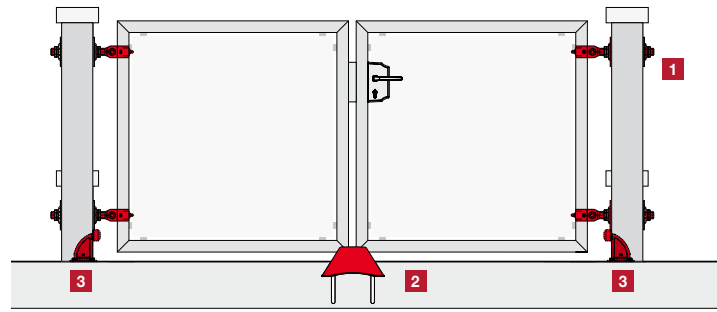


Comunello offre la gamma più vasta di cardini presente sul mercato per tutte le tipologie di aperture ad anta. Dalle soluzioni di tipo residenziale leggero a quelle di tipo industriale pesante, con più di 5 combinazioni di fissaggio e possibilità di regolazione post installazione. Grazie allo sviluppo di tecnologie brevettate e con una scelta oculata di materiali e lavorazioni l'azienda è in grado di offrire soluzioni all'avanguardia.

Comunello is able to offer the widest range of hinges you can find on the market for all types of swing openings: both light residential and heavy industrial solutions, more than 5 fixing combinations and high post-installation adjustability. Thanks to the development of patented technologies and to the careful selection of materials and procedures, the company is able to offer the most innovative solutions.



Hs700
COVER SYSTEM



2 BATTENTI / END STOPS



166



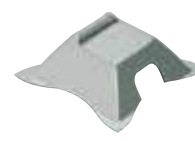
169



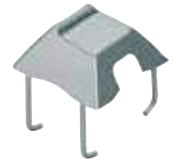
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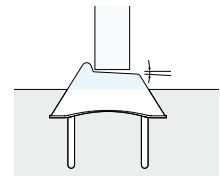
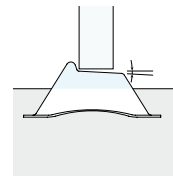
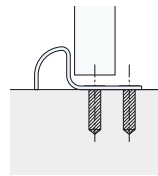
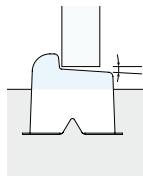
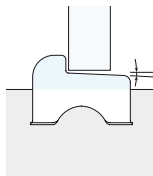
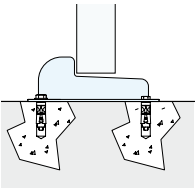
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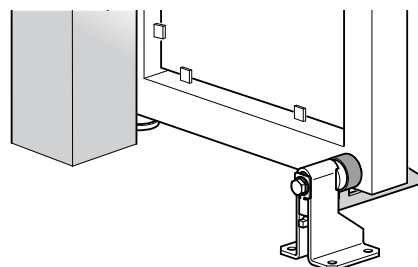
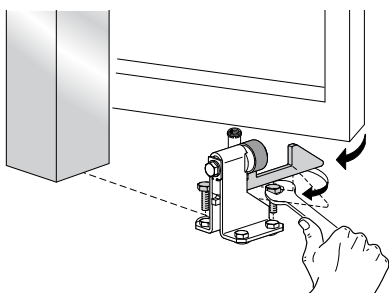
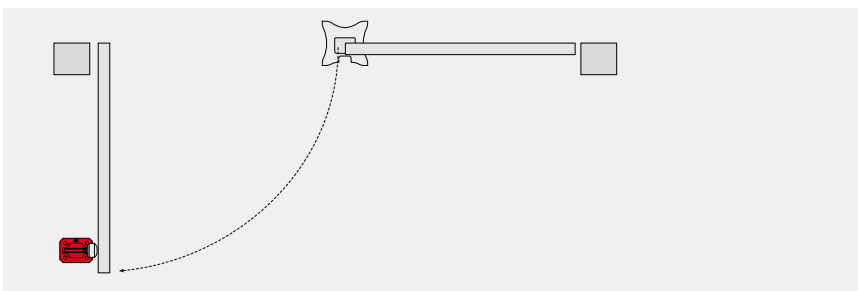
167



168



3 ARRESTI DI FINE CORSA / RUNAWAY STOPS

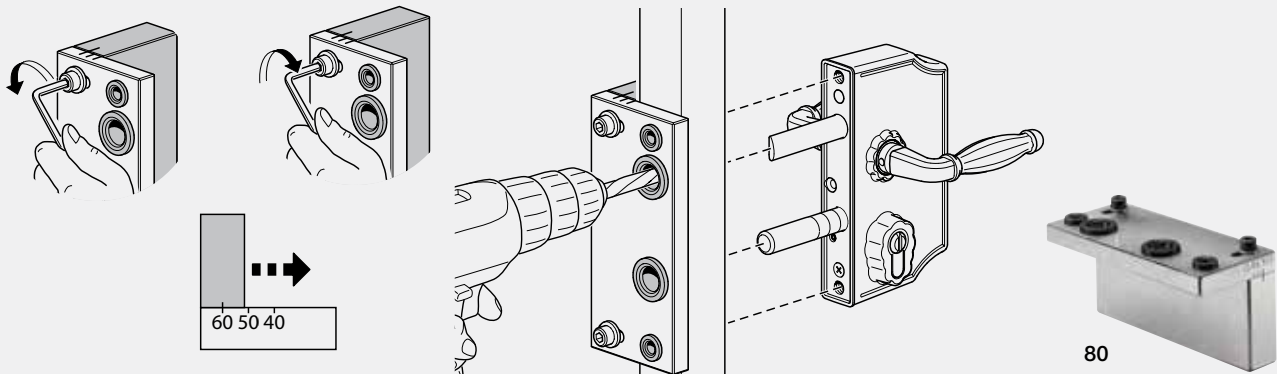
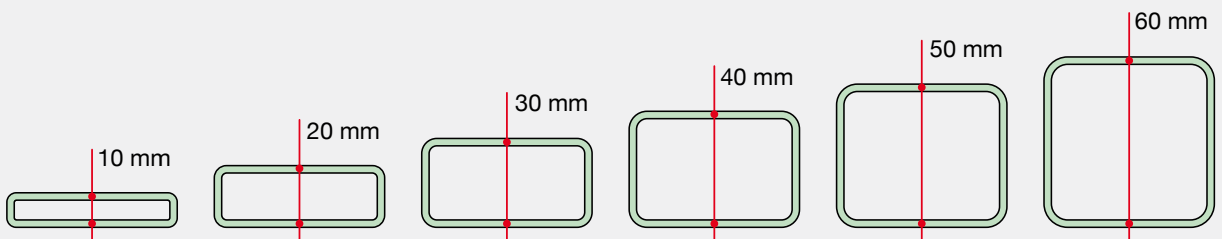
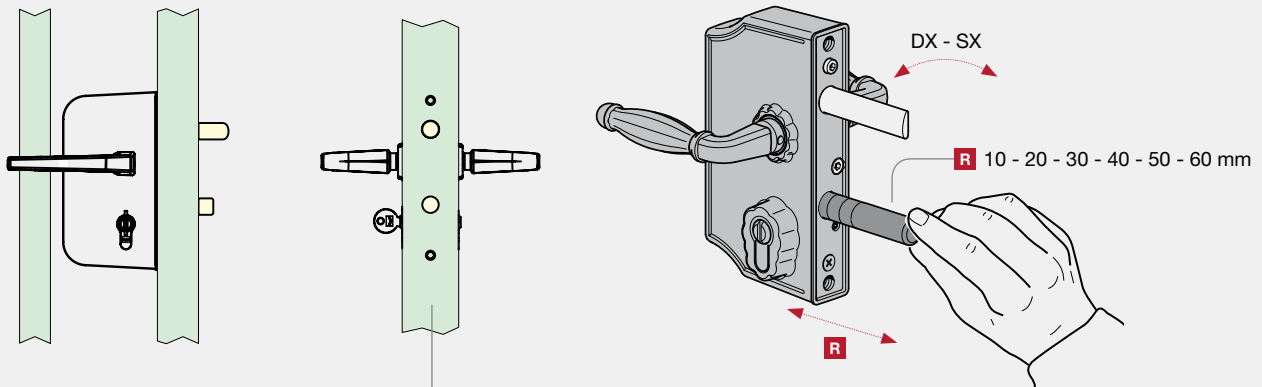
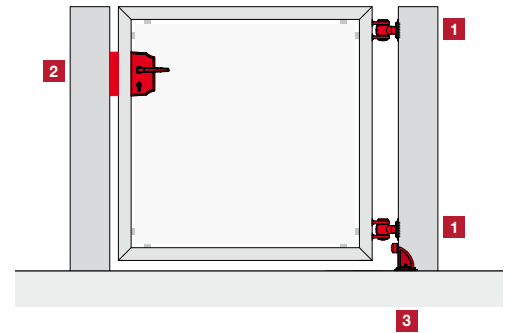


202 F-B

CANCELLO PEDONALE / PEDESTRIAN GATE

Comlock è la serratura brevettata Comunello adatta ai cancelli pedonali. Estremamente flessibile e semplice da installare. Un'incontro in alluminio e gli adattatori in nylon permettono la migliore regolazione su tutti i tipi di profili. La dima di foratura, per profili da 10 a 60 mm semplifica infine la preparazione e l'installazione rendendo il sistema Com-lock adattabile e semplice in tutte le sue parti.

ComLock is the Comunello patented lock especially designed for pedestrian gates. ComLock is extremely flexible and easy to be installed. The end cup and the nylon adapters allow better adjustment on all profile types. The drilling fixture for profiles from 10 to 60 mm simplifies its preparation and installation, making this system easily adaptable and simple.



2



213



209



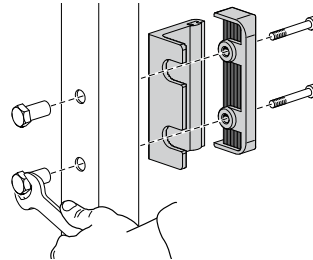
73



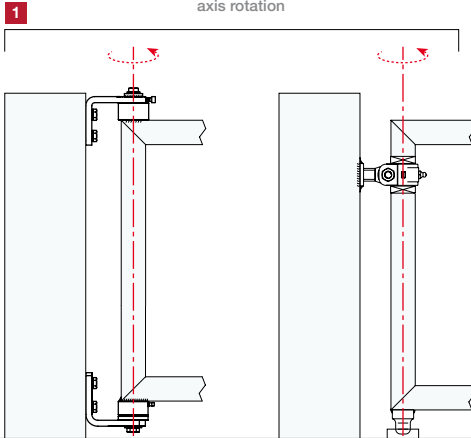
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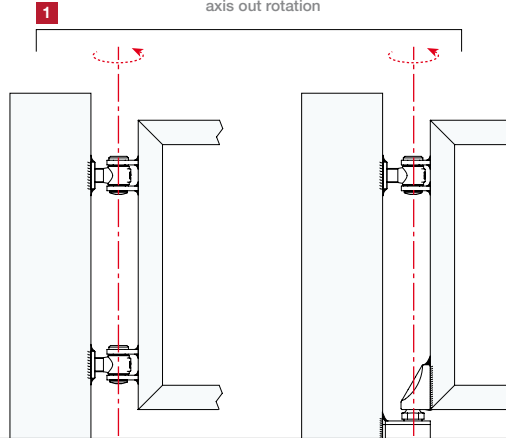
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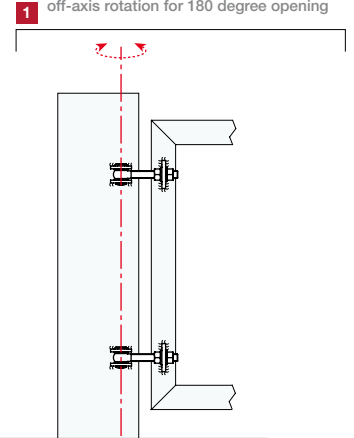
rotazione in asse
axis rotation



rotazione fuori asse
axis out rotation

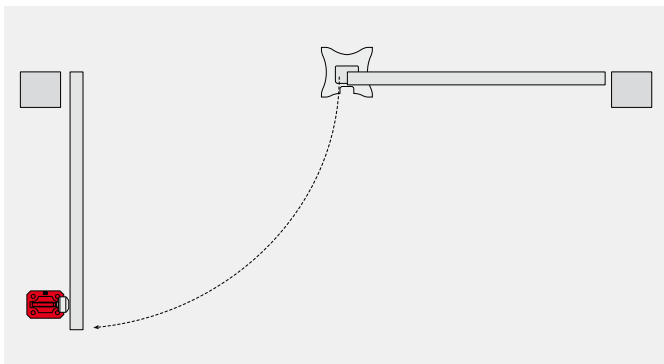


rotazione fuori asse per apertura a 180°
off-axis rotation for 180 degree opening



3

ARRESTI DI FINE CORSA / RUNAWAY STOPS

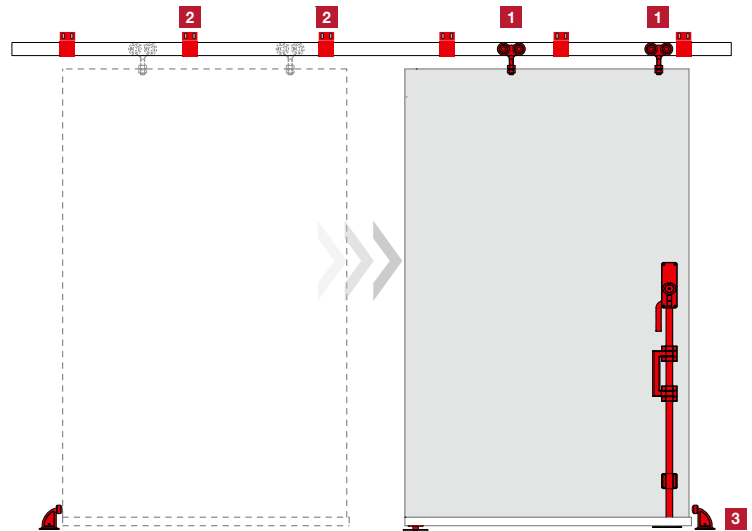


201 TRIS

PORTONI SCORREVOLI / SLIDING DOORS

Comunello offre una gamma di accessori atta a realizzare una molteplice gamma di portoni scorrevoli industriali. I carrelli, le monorotaie e le staffe di supporto sono disponibili nelle versioni Mini Piccole e Grandi a seconda della dimensione e della portata del portone stesso. I prodotti utilizzati per la realizzazione dei portoni scorrevoli, tutti testati HTC, forniscono al costruttore una garanzia di valore e di affidabilità.

Comunello offers a wide range of accessories for the manufacture of many different industrial sliding doors. Comunello trolleys, upper guides and support brackets are available in the three versions Mini, Small and Large, according to the size and loading capacity of the door. The products used for the construction of sliding doors are all HTC tested, thus providing the constructor with a guarantee of value and reliability.



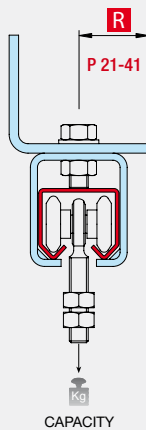
Art. 23 P

Art. 24 P

Art. 2 P



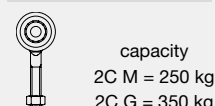
Art. 4 P



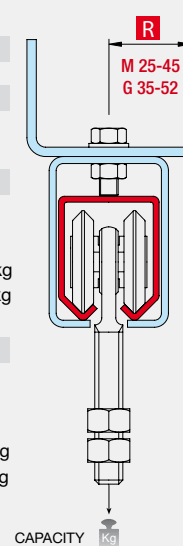
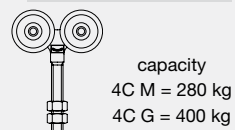
Art. 23 M - 23 G

Art. 24 M - 24 G

Art. 2C M - 2C G



Art. 4C M - 4C G



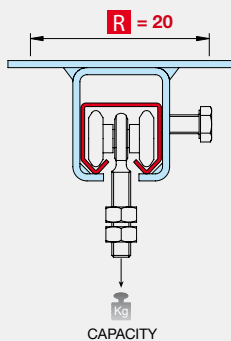
Art. 22 P

Art. 24 P

Art. 2 P



Art. 4 P



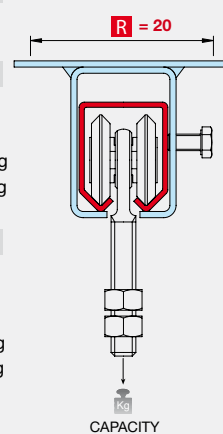
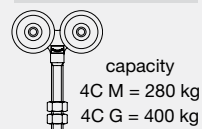
Art. 22 M - 22 G

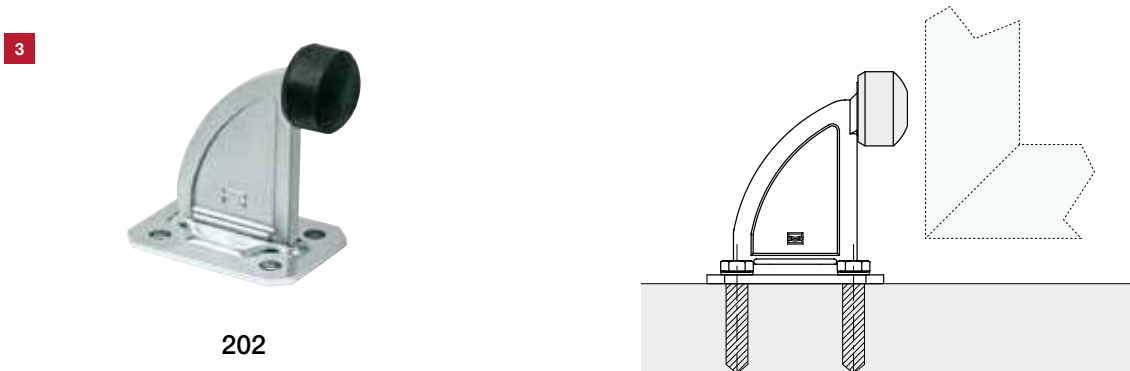
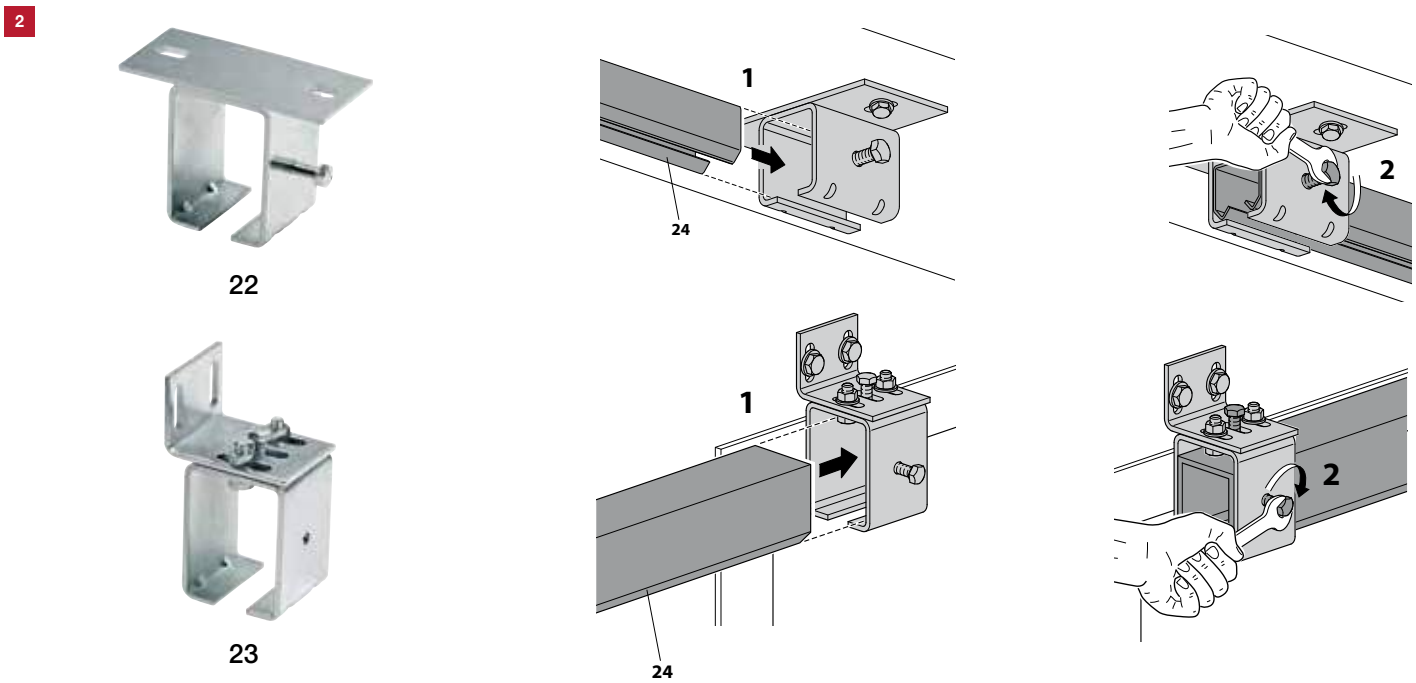
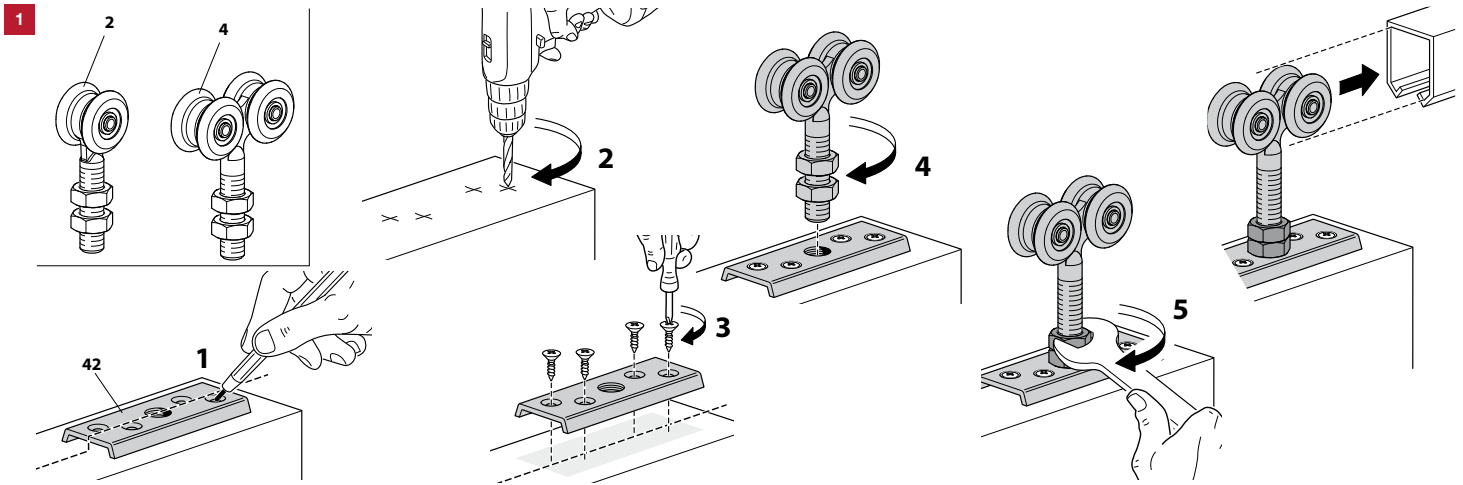
Art. 24 M - 24 G

Art. 2C M - 2C G



Art. 4C M - 4C G

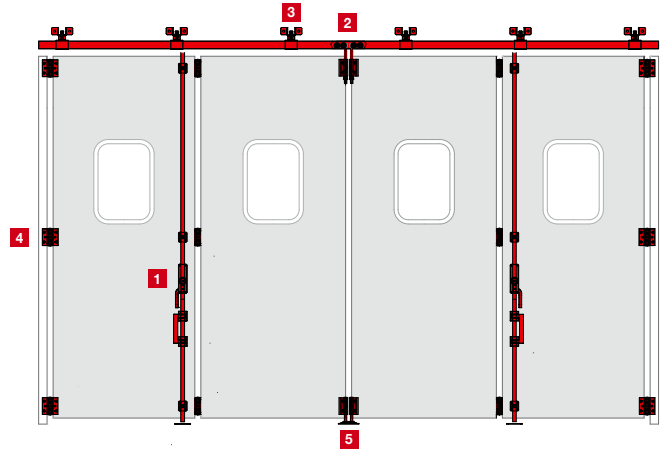




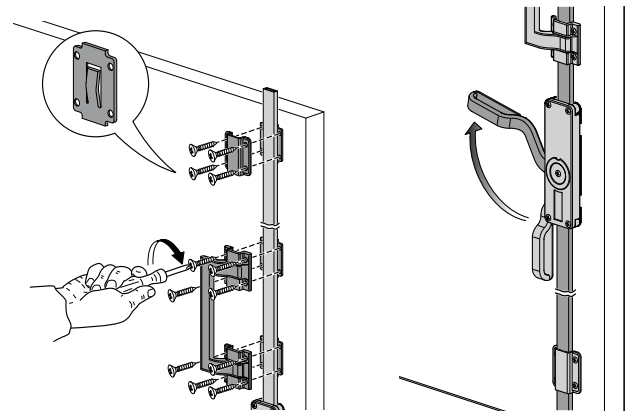
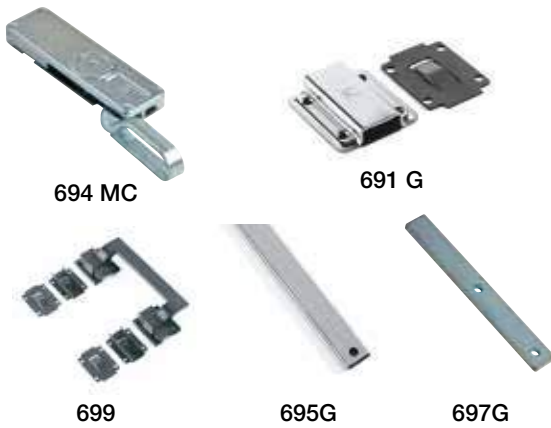
PORTONI AD ANTA / FOLDING DOORS

Comunello dispone di una vasta offerta di accessori per portoni industriali a libro offrendo molteplici soluzioni a seconda delle specifiche richieste del mercato. Tutti i prodotti sono testati HTC per garantire una elevata affidabilità per il costruttore. Oltre alle varie soluzioni, Comunello ha realizzato una gamma di accessori, racchiusa in un kit per dare una risposta ai produttori che necessitano di una soluzione veloce ed affidabile.

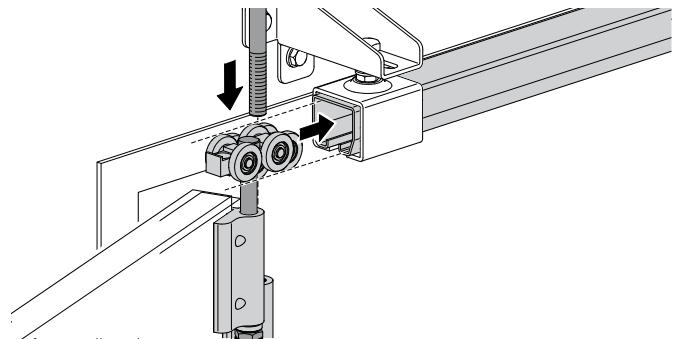
Comunello offers a wide range of accessories for industrial folding doors providing many different solutions according to the specific market requirements. All products are HTC tested in order to guarantee an high reliability to the constructor. Besides the wide range of products produced, we also offer a kit of accessories for those constructors who look for an easy and reliable solution.



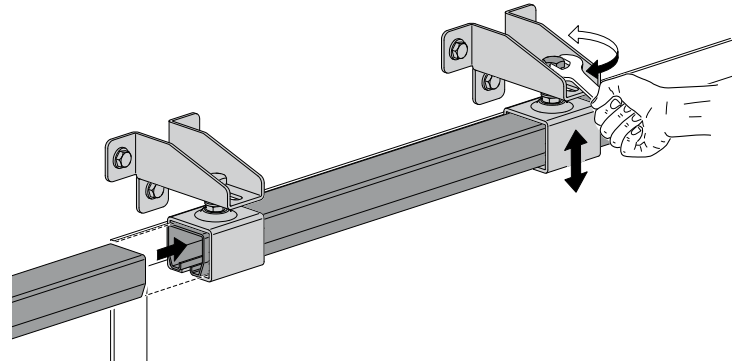
1 CARIGLIONI, ASTE E PASSANTI / LEVER BOLTS, RODS AND ROD GUIDES



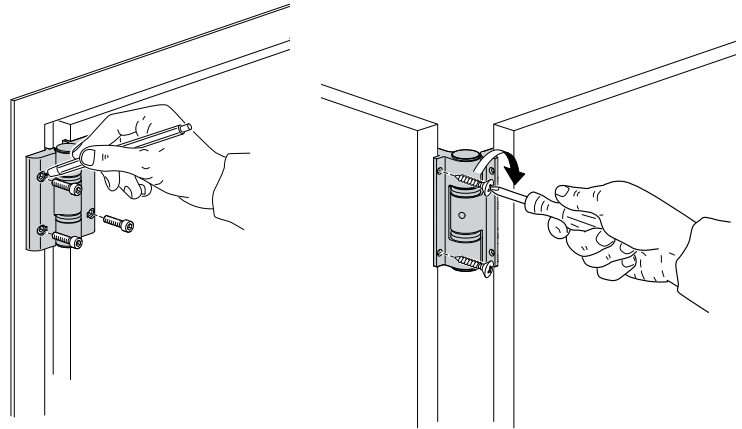
2 CARRELLI E PERNI / CARRIAGES



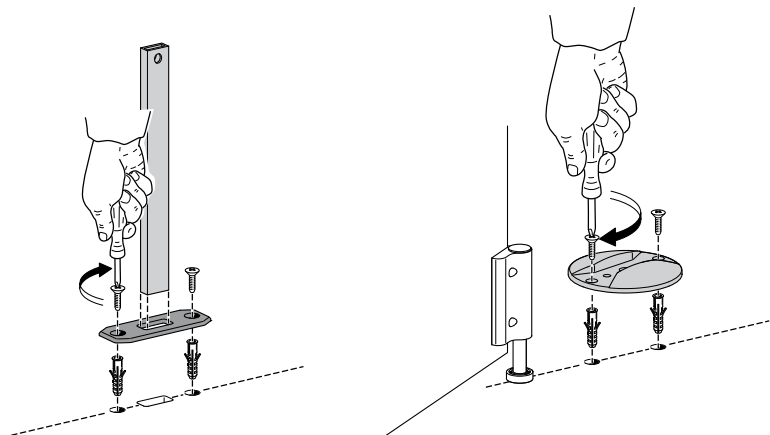
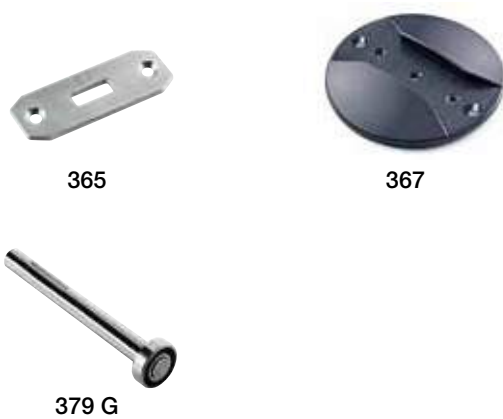
3 MONOROTAIE E STAFFE / GUIDES AND RODS



4 CERNIERE / HINGES



5 INCONTRI / STRIKE PLATES





-Carrello a 2 ruote
-Trolley with 2 wheels
-Chariot à 2 galets
-Zweirädriger Rollenapparat

2

2	Piccolo Ø24	zinc	30 Kg	16	1,2	4,898

Categoria commerciale: 1C



-Carrello a 2 ruote con cuscinetto
-Trolley with two wheels and bearing
-Chariot à 2 galets avec roulement
-Zweirädriger Rollenapparat mit Kugellager

2C

2C	Medio Ø44	zinc	250 Kg	16	5,2	10,687
2C	Grande Ø54	zinc	350 Kg	16	5,2	15,918

Categoria commerciale: 1C



-Carrello a 4 ruote
-Trolley with four wheels
-Chariot à 4 galets
-Vierrädriger Rollenapparat

4

4	Piccolo Ø24	zinc	50 Kg	16	2,1	8,674

Categoria commerciale: 1C



-Carrello a 4 ruote con cuscinetto
-Trolley with four wheels and bearing
-Chariot à 4 galets avec roulement
-Vierrädriger Rollenapparat mit Kugellager

4C

PATENTED

4C	Medio Ø44	zinc	280 Kg	16	9,3	18,462
4C	Grande Ø54	zinc	400 Kg	16	19,6	27,865

Categoria commerciale: 1C



-Carrello a 2 ruote girevole
-Turning trolley with two wheels
-Chariot à 2 galets pivotant
-Zweirädriger Schwenkrollenapparat

8

8	Piccolo Ø24	zinc	30 Kg	16	1,8	9,914

Categoria commerciale: 1C



-Carrello a 2 ruote girevole con cuscinetti
-Turning trolley with two wheels and bearings
-Chariot à 2 galets pivotant avec roulements
-Zweirädriger Schwenkrollenapparat mit Kugellager

8C

PATENTED

8C	Medio Ø44	zinc	250 Kg	16	10,7	22,979
8C	Grande Ø54	zinc	350 Kg	16	19,9	35,794

Categoria commerciale: 1C



-Carrello a 4 ruote girevole
-Turning trolley with four wheels
-Chariot à 4 galets pivotant
-Vierrädriger Schwenkrollenapparat

10

Icona	Descrizione	Materiale	Peso	Altezza	Spessore	Prezzo
	Piccolo Ø24	zinc	50 Kg	16	2,7	14,122

Categoria commerciale: 1C



-Carrello a 4 ruote girevole con cuscinetti
-Turning trolley with four wheels and bearings
-Chariot à 4 galets pivotant avec roulements
-Vierrädriger Schwenkrollenapparat mit Kugellagern

10C

PATENTED

Icona	Descrizione	Materiale	Peso	Altezza	Spessore	Prezzo
	Medio Ø44	zinc	280 Kg	16	15,0	30,825
	Grande Ø54	zinc	350 Kg	16	27,0	36,626

Categoria commerciale: 1C



-Carrello a 2 ruote con cuscinetti e cerniera ad 1 ala
-Trolley with two wheels, bearings and one wing hinge
-Chariot avec 2 galets, roulements et paumelle à 1 aile
-Zweirädriger Rollenapparat mit Kugellager und 1-Lasche-Torband

14C

PATENTED

Icona	Descrizione	Materiale	Peso	Altezza	Spessore	Prezzo
	Medio Ø44	zinc	250 Kg	16	7,9	20,337
	Grande Ø54	zinc	270 Kg	16	14,1	22,932

Categoria commerciale: 1C



-Carrello a 4 ruote con cuscinetti e cerniera 3 ali
-Trolley with four wheels, bearings and 3 wings hinge
-Chariot avec 4 galets, roulements et paumelle à 3 ailes
-Vierrädriger Rollenapparat mit Kugellager und 3-Lasche-Torband

16C

PATENTED

Icona	Descrizione	Materiale	Peso	Altezza	Spessore	Prezzo
	Medio Ø44	zinc	280 Kg	16	14,3	29,501
	Grande Ø54	zinc	300 Kg	16	23,0	38,217

Categoria commerciale: 1C



-Carrello a 4 ruote con cuscinetti e cerniera 1 ala
-Trolley with four wheels, bearings and one wing hinge
-Chariot avec 4 galets, roulements et paumelle à 1 aile
-Vierrädriger Rollenapparat mit Kugellager und 1 Lasche-Torband

20C

PATENTED

Icona	Descrizione	Materiale	Peso	Altezza	Spessore	Prezzo
	Medio Ø44	zinc	280 Kg	16	12,4	26,462
	Grande Ø54	zinc	300 Kg	16	22,2	43,134

Categoria commerciale: 1C



-Supporto a soffitto per monorotaia art. 24
-Ceiling support for track art.24
-Support au plafond pour rail art.24
-Decke-Lager für Stahlprofil Artikel 24

22

Icona	Descrizione	Materiale	Altezza	Spessore	Prezzo
	Piccolo	zinc	10	3,5	9,822
	Medio	zinc	10	4,6	12,446
	Grande	zinc	6	4,5	15,756

Categoria commerciale: 1L

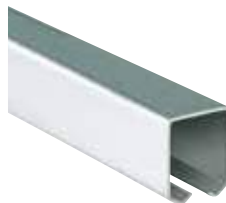


-Supporto a parete per monorotaia art. 24
 -Wall support for track art.24
 -Support au mur pour rail art.24
 -Wand-Lager für Stahlprofil Artikel 24

23

23	Piccolo	zinc	10	3,7	10,164
23	Medio	zinc	10	6,2	12,975
23	Grande	zinc	6	4,0	19,808

Categoria commerciale: 11



-Monorotaia per carrello piccolo medio grande
 -Track for trolleys small-medium-large
 -Rail pour chariots petit-moyen-grand
 -Stahlprofil für Rollenaufhängung klein, medium, groß

24

24	Piccolo L=6000	zinc	1	10,0	48,944
24	Medio L=6000	zinc	1	19,0	112,439
24	Grande L=6000	zinc	1	30,0	189,166

Categoria commerciale: 11



-Perno inferiore con cerniera a 1 ala oliva in ottone
 -Bottom pivot with 1 wing hinge and brass roller
 -Pivot inférieur avec paumelle à 1 aile et rouleau en laiton
 -Unteres Führungsband mit 1-Lasche und Führungsrolle aus Messing

26

26	Medio	zinc	16	5,7	12,503
26	Grande	zinc	16	7,6	21,168

Categoria commerciale: 1L



-Perno inferiore con cerniera a 3 ali oliva ottone
 -Bottom pivot with 3 wings hinge and brass roller
 -Pivot inférieur avec paumelle à 3 ailes et rouleau en laiton
 -Unteres Führungsrolle mit 3-Lasche und Führungsrolle aus Messing

28

28	Medio	zinc	16	7,8	17,583
28	Grande	zinc	16	9,0	18,965

Categoria commerciale: 1L



-Perno filettato oliva in ottone
 -Threaded pivot with brass roller
 -Pivot taraudé avec rouleau en laiton
 -Bolzen mit Gewinde und Führungsrolle aus Messing

30

30-25	Ø25	zinc	20	3,0	6,370

Categoria commerciale: 1L



-Deviatore rullo in acciaio
 -Steel switcher with roller
 -Déviateur en acier avec rouleau
 -Ablenker mit Stahlführungsrolle

32

32-34	Ø34	zinc	20	5,2	7,041

Categoria commerciale: 1L



-Piastra girevole con cuscinetto per carrelli
-Turning plate with bearing for trolleys
-Platine pivotante avec roulement pour chariots
-Schwenkplatte mit Kugellager für Rollenapparate

34

34-M12	Medio	zinc	20	3,6	8,245
34-M20	Grande	zinc	20	9,5	12,854

Categoria commerciale: 1L



-Guida inferiore oliva in ottone
-Bottom guide with brass roller
-Guide inférieure avec rouleau en laiton
-Untere Führungsplatte mit Messing-Führungsrolle

36

36-25	Ø25	zinc	20	5,7	7,388
36-30	Ø30	zinc	20	6,5	8,092

Categoria commerciale: 1L



-Carrello a 2 ruote
-Trolley with 2 wheels
-Chariot avec 2 galets
-Zweirädriger Rollenapparat

38

38-24	Ø24	zinc	30 Kg	50	4,461

Categoria commerciale: 1C



-Carrello a 2 ruote in nylon
-Trolley with 2 nylon wheels
-Chariot avec 2 galets en nylon
-Rollenapparat mit 2-Nylon-Rollen

39

39-24	Ø24	zinc	30 Kg	50	4,877

Categoria commerciale: 1C



-Carrello a 4 ruote
-Trolley with 4 wheels
-Chariot avec 4 galets
-Vierrädriger Rollenapparat

40

40-24	Ø24	zinc	50 Kg	50	6,452

Categoria commerciale: 1C



-Carrello a 4 ruote in nylon
-Trolley with 4 nylon wheels
-Chariot avec 4 galets en nylon
-Vierrädriger Rollenapparat mit Nylon-Rollen

41

41-24	Ø24	zinc	50 Kg	50	7,548

Categoria commerciale: 1C



-Piastrina per carrelli
-Plate for trolleys
-Plaque pour chariots
-Platte für Rollenapparat

42

42	Piccolo	zinc	50	2,5	1,119
42	Grande	zinc	50	2,5	1,119

Categoria commerciale: 1L



-Carrello a 2 ruote con staffa
-2 Wheels trolley with bracket
-Chariot à 2 galets avec bride
-Zweirädriger Rollenapparat mit Befestigungsbügel

43

43-24	Ø24	zinc	30 Kg	100	7,5	2,949

Categoria commerciale: 1C



-Carrello a 2 ruote con staffa lunga
-2 Wheel trolley with long bracket
-Chariot à 2 galets avec bride longue
-Zweirädriger Rollenapparat mit langem Befestigungsbügel

44

44-24	Ø24	zinc	30 Kg	100	9,4	3,024

Categoria commerciale: 1C



-Carrello a 2 ruote con staffa lunga zancata
-Trolley with 2 wheels and long bended bracket
-Chariot à 2 galets avec bride longue et courbée
-Zweirädriger Rollenapparat mit langem gekrüpfem Befestigungsbügel

46

46-24	Ø24	zinc	30 Kg	100	9,4	4,501

Categoria commerciale: 1C



-Carrello a 1 ruota con staffa
-Trolley with 1 wheel and bracket
-Chariot à 1 galet avec bride
-Einrädriger Rollenapparat mit Befestigungsbügel

48

48-24	Ø24	zinc	15 Kg	100	6,2	3,080

Categoria commerciale: 1C



-Carrello a 2 ruote con staffa
-Trolley with 2 wheels and bracket
-Chariot à 2 galets avec bride
-Zweirädriger Rollenapparat mit Befestigungsbügel

50

50-24	Ø24	zinc	30 Kg	100	8,4	2,949

Categoria commerciale: 1C



-Carrello a 2 ruote con staffa zancata
-Trolley with 2 wheels and bended bracket
-Chariot à 2 galets avec bride courbée
-Zweirädriger Rollenapparat mit gekröpftem Befestigungsbügel

52

52-24	Ø24	zinc	30 Kg	100	8,2
3,075					

Categoria commerciale: 1C



-Carrello a 4 ruote con staffa larga
-Trolley with 4 wheels and large bracket
-Chariot à 4 galets avec bride large
-Vierrädriger Rollenapparat mit breitem Befestigungsbügel

54

54-24	Ø24	zinc	50 Kg	100	16,0
5,192					

Categoria commerciale: 1C



-Carrello a 4 ruote con staffa larga zancata
-Trolley with 4 wheels and large bended bracket
-Chariot à 4 galets avec bride large courbée
-Vierrädriger Rollenapparat mit gekröpftem breitem Befestigungsbügel

56

56-24	Ø24	zinc	50 Kg	100	16,1
5,456					

Categoria commerciale: 1C



-Carrello a 4 ruote con staffa porta gancio
-Trolley with 4 wheels and hook holder bracket
-Chariot à 4 galets avec bride porte-crochet
-Vierrädriger Rollenapparat mit Einhängeloch

60

60-24	Ø24	zinc	50 Kg	50	9,6
9,249					

Categoria commerciale: 1C



Ral 9005

-Serratura a montaggio rapido modello "Privato"
-Lock for gates "Residential" model easy to fix
-Serrure pour portail modèle "Standard" au montage rapide
-Schloss für Tore "Privat" Modell Einfach zum montieren

73

73-10	10			1	1,4
73-10	10	Ral 9005		1	1,3
73-20	20			1	1,4
73-20	20	Ral 9005		1	1,4
73-30	30			1	1,3
73-30	30	Ral 9005		1	1,3
73-40	40			1	1,4
73-40	40	Ral 9005		1	1,4
73-50	50			1	1,4
73-50	50	Ral 9005		1	1,4
73-60	60			1	1,4
73-60	60	Ral 9005		1	1,45

Categoria commerciale: 1N



Ral 9005

-Serratura a montaggio rapido modello "Industriale"
-Lock "Industrial" model easy to fix
-Serrure pour portail modèle "Industriel" au montage rapide
-Schloss "Industrie" Modell Einfach zum montieren

74

74-10	10			1	1,4
74-10	10	Ral 9005		1	1,4
74-20	20			1	1,4
74-20	20	Ral 9005		1	1,4
74-30	30			1	1,3
74-30	30	Ral 9005		1	1,3
74-40	40			1	1,4
74-40	40	Ral 9005		1	1,4
74-50	50			1	1,4
74-50	50	Ral 9005		1	1,4
74-60	60			1	1,4
74-60	60	Ral 9005		1	1,4

Categoria commerciale: 1N



1 -Svitare la vite di fissaggio
-Unscrew the fixing-screw
-Dévisser la vis de fixation
-Schrauben Sie die Befestigungsschraube auf



2 -Regolare lo scrocco destro-sinistro
-Adjust the right or left latch
-Régler le pêne demi-tour droite-gauche
-Einstellen Sie die Rechts- oder Linksrichtung des Schubriegels.



3 -Chiudere la vite di fissaggio
-Turn the fixing-screw
-Fermez la vis de fixation
-Ziehen Sie die Befestigungsschraube an



4 -Avvitare il grano di fissaggio
-Screw the fixing-grain
-Visser le grain de fixation
-Schrauben Sie das Befestigungskorn an



5 -Regolare lo scrocco
-Adjust the latch
-Régler le pêne demi-tour
-Stellen Sie den Schubriegel ein



6 -Aprire il grano di fissaggio
-Open the fixing-grain
-Ouvrez le grain de fixation
-Machen Sie das Befestigungskorn auf

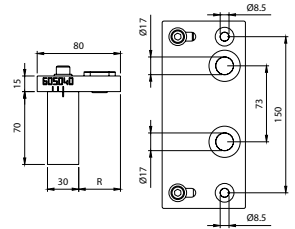


- Incontro in alluminio per serratura art. 73 e 74
- Aluminium strike for lock art. 73-74
- Gâche en aluminium pour serrure art. 73-74
- Schliessanschlag aus Aluminium für schloss art. 73-74

78

Icona	Descrizione	Quantità	Peso	Prezzo
	78	1	0,6	20,099
	78 RAL 9005	1	0,7	23,478

Categoria commerciale: 1N

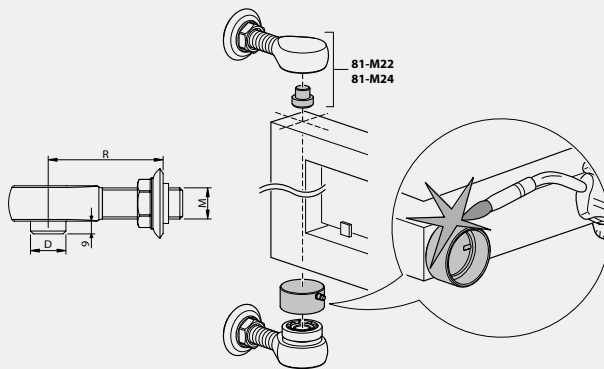
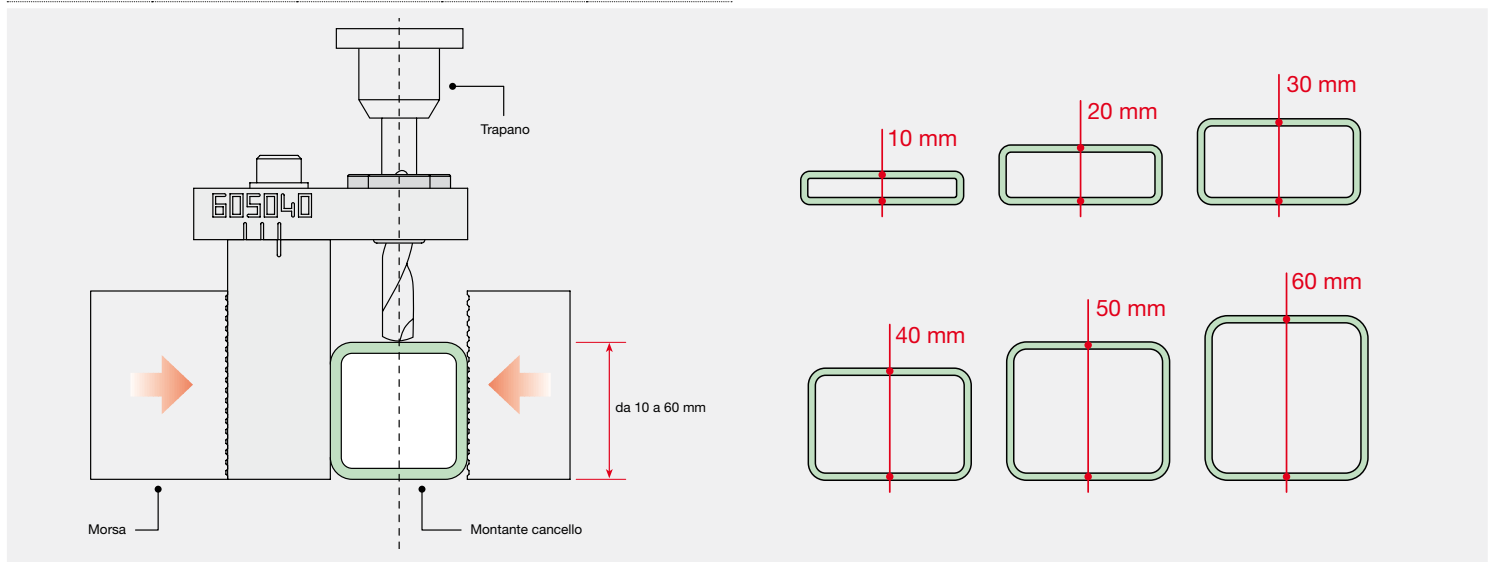


- Dima di foratura regolabile per art. 73 e 74
- Adjustable drilling fixture art. 73-74
- Gabarit de perçage réglable pour art.73-74
- Einstellbare Bohrschablone art. 73-74

80

Icona	Descrizione	Quantità	Peso	Prezzo
	80 zinc	1	4,7	133,203

Categoria commerciale: 1N



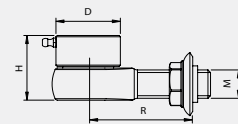
- Cardine superiore con cuscinetto
- Upper hinge with bearing
- Gond supérieur avec roulement
- Oberes Torband mit Kugellager

81

Icona	D	M	Descrizione	R	Peso	Quantità	Prezzo
	Ø25	M22	81-M22	55-95	150 Kg*	10	7,8 59,349
	Ø25	M24	81-M24	65-100	200 Kg*	10	10,8 62,142

* valore portata a coppia L/H=1 / capacity of couple hinges L/H=1

Categoria commerciale: 1A



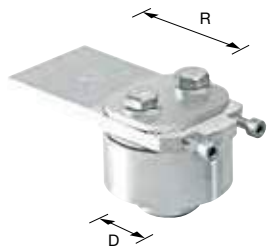
- Cardine inferiore con cuscinetto reggi spinta
- Bottom hinge with thrust bearing
- Gond inférieur avec roulement de butée
- Unteres Torband mit Drucklager

82 PATENTED

Icona	D	M	Descrizione	R	Peso	Quantità	Prezzo
	Ø50	M22	82-M22	55-95	150 Kg*	10	10,4 74,710
	Ø50	M24	82-M24	65-100	200 Kg*	10	10,9 77,503

* valore portata a coppia L/H=1 / capacity of couple hinges L/H=1

Categoria commerciale: 1A



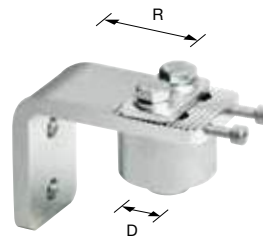
-Cardine superiore regolabile con piastra
-Adjustable upper hinge with plate
-Gond supérieur réglable avec platine
-Verstellbares oberes Torband mit Platte

85

	D		R				€
85M	Ø50	zinc	70-85	450 Kg*	4	3,4	33,914
85G	Ø70	zinc	90-105	650 Kg*	2	3,2	37,779

* valore portata a coppia L/H=1 / capacity of couple hinges L/H=1

Categoria commerciale: 1A



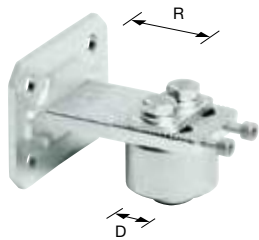
-Cardine superiore regolabile con piastra a L
-Adjustable upper hinge with L plate
-Gond supérieur réglable avec platine à L
-Verstellbares oberes Torband mit L-Platte

85L

	D		R				€
85L-M	Ø50	zinc	70-85	350 Kg*	2	2,4	40,647
85L-G	Ø70	zinc	90-105	500 Kg*	2	4,1	45,884

* valore portata a coppia L/H=1 / capacity of couple hinges L/H=1

Categoria commerciale: 1A



-Cardine superiore regolabile con piastra a fissare
-Adjustable upper hinge with plate to be screwed
-Gond supérieur réglable avec platine à visser
-Verstellbares oberes Torband mit Platte zum Anschrauben

85PST

	D		R				€
85PST-M	Ø25	zinc	70-85	350 Kg*	2	2,3	41,457
85PST-G	Ø35	zinc	90-105	500 Kg*	2	3,2	47,741

* valore portata a coppia L/H=1 / capacity of couple hinges L/H=1

Categoria commerciale: 1A



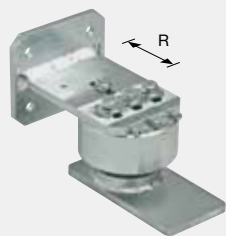
-Cardine superiore con cuscinetto e piastra
-Upper hinge with plate
-Gond supérieur avec platine
-Oberes Torband mit Platte

86P

	D		R				€
86P	Ø45	zinc	50-60	200 Kg*	4	2,5	27,306

* valore portata a coppia L/H=1 / capacity of couple hinges L/H=1

Categoria commerciale: 1A



-Cardine superiore pesante doppia regolazione e piastra a fissare
-Heavy upper hinge double adjustment and plate to be screwed
-Gond supérieur lourd double réglage platine à visser
-Schweres oberes Torband Doppelverstellung und Platte zum Anschrauben

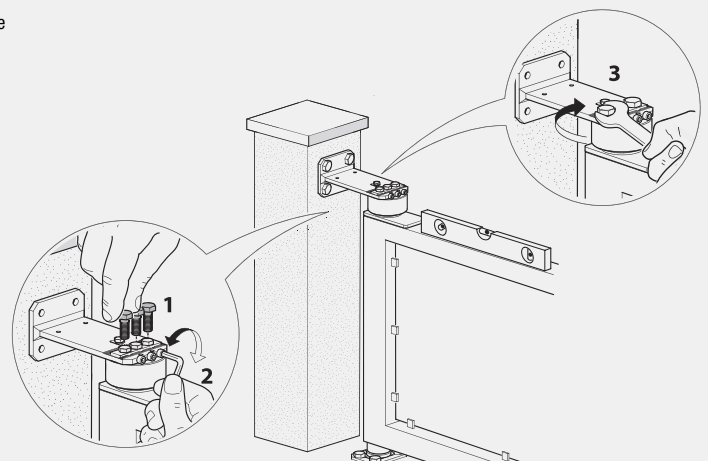
85XL

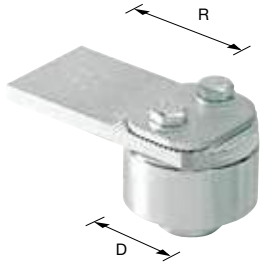
KG 1100
L/H = 1

	D		R				€
85XL	Maxi	zinc	130-165	4000 Kg*	1	11,6	237,397

* valore portata a coppia L/H=1 / capacity of couple hinges L/H=1

Categoria commerciale: 1A





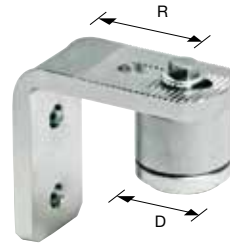
-Cardine superiore con piastra
-Upper hinge with plate
-Gond supérieur avec platine
-Oberes Torband mit Platte

86G

Icon	D	Icon	R	Icon	Icon	Icon	Icon
86G	Ø70	zinc	90-105	650 Kg*	2	3,2	37,779

* valore portata a coppia L/H=1 / capacity of couple hinges L/H=1

Categoria commerciale: 1A



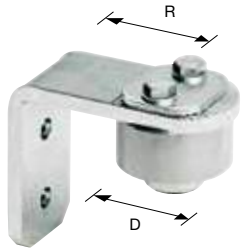
-Cardine superiore con piastra a L
-Upper hinge with L plate
-Gond supérieur avec platine à L
-Oberes Torband mit L-Platte

86L-P

Icon	D	Icon	R	Icon	Icon	Icon	Icon
86L-P	Ø45	zinc	50-80	200 Kg*	2	1,9	32,019

* valore portata a coppia L/H=1 / capacity of couple hinges L/H=1

Categoria commerciale: 1A



-Cardine superiore con piastra a L
-Upper hinge with L plate
-Gond supérieur avec platine à L
-Oberes Torband mit L-Platte

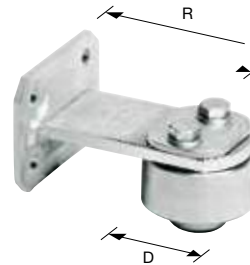
86L-G

Icon	D	Icon	R	Icon	Icon	Icon	Icon
86L-G	Ø70	zinc	90-105	500 Kg*	2	4,1	45,734

* valore portata a coppia L/H=1 / capacity of couple hinges L/H=1

Categoria commerciale: 1A

SU RICHIESTA | ON REQUEST



-Cardine superiore con piastra a fissare
-Upper hinge with plate to be screwed
-Gond supérieur avec platine à visser
-Oberes Torband mit Platte zum Anschrauben

86PST

Icon	D	Icon	R	Icon	Icon	Icon	Icon
86PST-G	Ø70	zinc	90-105	500Kg*	2	3,8	47,667

* valore portata a coppia L/H=1 / capacity of couple hinges L/H=1

Categoria commerciale: 1A

SU RICHIESTA | ON REQUEST



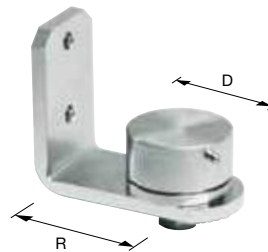
-Cardine inferiore con cuscinetto reggi spinta
-Bottom hinge with thrust bearing
-Gond inférieur avec roulement de butée
-Unteres Torband mit Drucklager

87

Icon	D	Icon	Icon	Icon	Icon	Icon
87P	Ø45	zinc	200 Kg*	4	1,6	18,902
87M	Ø50	zinc	450 Kg*	4	1,8	26,271
87G	Ø70	zinc	650 Kg*	2	2,0	31,495

* valore portata a coppia L/H=1 / capacity of couple hinges L/H=1

Categoria commerciale: 1A



-Cardine inferiore con cuscinetto reggi spinta e piastra a L
-Bottom hinge with thrust bearing and L plate
-Gond inférieur avec roulement de butée et platine à L
-Unteres Torband mit Drucklager und L-Platte

87L

Icon	D	Icon	R	Icon	Icon	Icon	Icon
87L-P	Ø45	zinc	50-80	200 Kg*	4	2,9	35,522
87L-M	Ø50	zinc	50-85	350 Kg*	4	4,0	45,734
87L-G	Ø70	zinc	95-105	500 Kg*	2	4,2	64,037

* valore portata a coppia L/H=1 / capacity of couple hinges L/H=1

Categoria commerciale: 1A



- Cardine inferiore con cuscinetto reggi spinta e piastra a fissare
- Bottom hinge with thrust bearing and plate to be screwed
- Gond inférieur avec roulement de butée et platine à fixer
- Unteres Torband mit Drucklager und Platte zum Anschrauben

87PST

	D		R				€
87PST-P	Ø45	zinc	10	200 Kg*	2	1,2	26,583
87PST-M	Ø50	zinc	10	350 Kg*	2	0,9	34,213
87PST-G	Ø70	zinc	10	500 Kg*	2	2,5	38,664

* valore portata a coppia L/H=1 / capacity of couple hinges L/H=1

Categoria commerciale: 1A



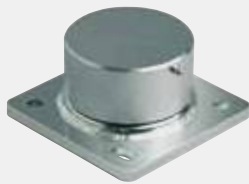
- Cardine superiore perno quadro piastra a saldare
- Upper hinge with square pin and plate to be welded
- Gond supérieur avec pivot carré et platine à souder
- Oberes Torband mit viereckigem Stift und Platte zum Schweißen

88

	D		R				€
88-40	Ø33	zinc	200 Kg*	2	3,2		46,183
88-50	Ø43	zinc	450 Kg*	2	3,5		48,277
88-60	Ø52	zinc	650 Kg*	2	4,5		52,479

* valore portata a coppia L/H=1 / capacity of couple hinges L/H=1

Categoria commerciale: 1A



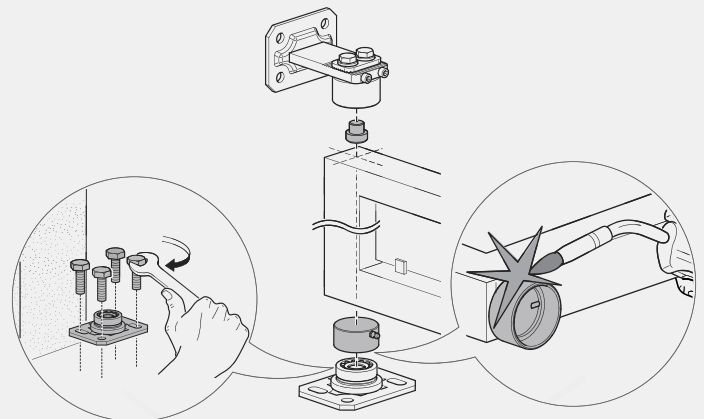
- Cardine inferiore pesante con cuscinetto reggi spinta e piastra a fissare
- Heavy bottom hinge with thrust bearing and plate to be screwed
- Gond inférieur lourd avec roulement de butée et platine à visser
- Schweres oberes Torband mit Drucklager und Platte zum Anschrauben

87XL

	D		R				€
87XL	Maxi	zinc	4000 Kg*	1	5,5		205,281

* valore portata a coppia L/H=1 / capacity of couple hinges L/H=1

Categoria commerciale: 1A



- Cardine superiore perno quadro piastra a fissare a L
- Upper hinge with square pin and L plate to be screwed
- Gond supérieur avec pivot carré et platine à L
- Oberes Torband mit viereckigem Stift und L-Platte zum Anschrauben

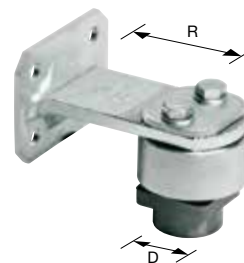
88L

	D		R				€
88L-40	Ø33	zinc	90-105	200 Kg*	2	3,8	55,023
88L-50	Ø43	zinc	90-105	350 Kg*	2	4,1	57,891
88L-60	Ø52	zinc	90-105	500 Kg*	2	4,7	65,185

* valore portata a coppia L/H=1 / capacity of couple hinges L/H=1

Categoria commerciale: 1A

SU RICHIESTA | ON REQUEST



- Cardine superiore perno quadro piastra a fissare
- Upper hinge with square pin and plate to be screwed
- Gond supérieur avec pivot carré et platine à visser
- Oberes Torband mit viereckigem Stift und Platte zum Anschrauben

88PST

	D		R				€
88PST-40	Ø33	zinc	90-105	200 Kg*	2	3,6	56,955
88PST-50	Ø43	zinc	90-105	350 Kg*	2	3,9	59,811
88PST-60	Ø52	zinc	90-105	500 Kg*	2	4,9	67,179

* valore portata a coppia L/H=1 / capacity of couple hinges L/H=1

Categoria commerciale: 1A

SU RICHIESTA | ON REQUEST



- Maxiperno inferiore
- Bottom big pin
- Pivot grand inférieur
- Unterer Maxibolzen

89

Icona	Icona	D	Icona	Icona	Icona	Icona
89-40	Ø40	33	200 Kg*	2	2,6	38,926
89-50	Ø50	43	450 Kg*	2	2,8	41,108
89-60	Ø60	53	650 Kg*	2	3,4	43,290

* valore portata a coppia L/H=1 / capacity of couple hinges L/H=1

Categoria commerciale: 1A



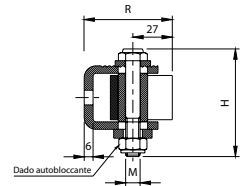
- Cardine con ala cerniera
- Hinge with wing
- Gond avec aile paumelle
- Torband mit Lasche

90

Icona	Icona	R	Icona	Icona	Icona	Icona
90P	H73	55-65	200 Kg*	20	8,1	14,775
90G	H95	54-65	300 Kg*	10	6,1	17,368

* valore portata a coppia L/H=1 / capacity of couple hinges L/H=1

Categoria commerciale: 1A



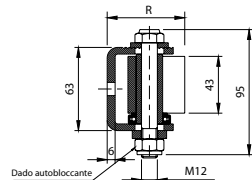
- Cardine con ala cerniera e cuscinetto
- Hinge with wing and bearing
- Gond avec aile paumelle et roulement
- Torband mit Lasche und Kugellager

92G

Icona	Icona	R	Icona	Icona	Icona	Icona
92G	Grande	54-64	300 Kg*	10	6,0	21,159

* valore portata a coppia L/H=1 / capacity of couple hinges L/H=1

Categoria commerciale: 1A



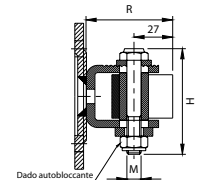
- Cardine ala cerniera con piastra a fissare
- Hinge with wing and plate to be screwed
- Gond avec aile paumelle et platine à visser
- Torband mit Lasche und Platte zum Anschrauben

94

Icona	Icona	R	Icona	Icona	Icona	Icona
94P	H73	63-73	200 Kg*	20	15,5	25,523
94G	H95	62-72	300 Kg*	10	10,0	27,568

* valore portata a coppia L/H=1 / capacity of couple hinges L/H=1

Categoria commerciale: 1A



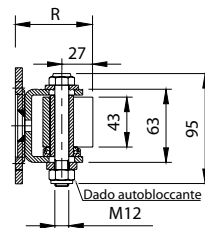
- Cardine ala cerniera e cuscinetto con piastra a fissare
- Hinge with wing, bearing and plate to be screwed
- Gond avec aile paumelle et roulement avec platine à visser
- Torband mit Lasche, Kugellager und Platte zum Anschrauben

96G

Icona	Icona	Icona	R	Icona	Icona	Icona
96G	zinc	Grande	62-72	300 Kg*	10	9,7

* valore portata a coppia L/H=1 / capacity of couple hinges L/H=1

Categoria commerciale: 1A



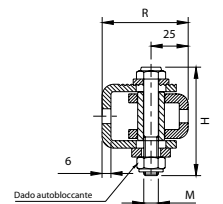
- Cardine con cavalletto
- Hinge with u bolt
- Gond avec crampillon
- Torband mit U-Bügel

100

Icona	Icona	M	R	Icona	Icona	Icona
100P	H73	M10	53-63	100 Kg*	20	7,2
100G	H95	M12	52-62	200 Kg*	10	5,5

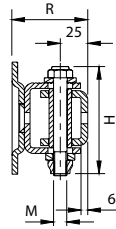
* valore portata a coppia L/H=1 / capacity of couple hinges L/H=1

Categoria commerciale: 1A





- Cardine con cavalletto e piastra a fissare
- Hinge with u bolt and plate to be screwed
- Gond avec crampillon et platine à visser
- Torband mit U-Bügel und Platte zum Anschrauben

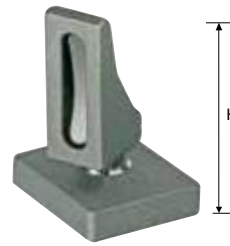


100PST

			M	R				€
100PST-P	zinc	H73	M10	64-74	100*	20	14,6	15,685
100PST-G	zinc	H95	M12	62-72	200*	10	9,1	17,880

* valore portata a coppia L/H=1 / capacity of couple hinges L/H=1

Categoria commerciale: 1A



- Perno sferico e piastra
- Spherical pin and plate
- Pivot sphérique et platine
- Drehstift und Platte

105

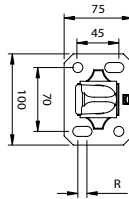
								€
105-20		H98		210 Kg*		10		13,516

* valore portata a coppia L/H=1 / capacity of couple hinges L/H=1

Categoria commerciale: 1A



- Perno sferico e piastra a fissare
- Spherical pin and plate to be screwed
- Pivot sphérique et platine à visser
- Drehstift und Platte zum Anschrauben



105PST

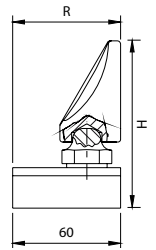
			R					€
105PST-20	zinc	H96	10	200 Kg*	5	4,5		18,852

* valore portata a coppia L/H=1 / capacity of couple hinges L/H=1

Categoria commerciale: 1A



- Perno sferico e piastra regolabile
- Spherical pin and adjustable plate
- Pivot sphérique et platine réglable
- Kugelstift und verstellbare Platte



106

			R					€
106-20	zinc	124	50-70	150 Kg*	6	5,0		25,697
106-27	zinc	154	55-75	200 Kg*	2	3,0		26,470

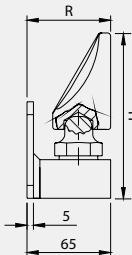
* valore portata a coppia L/H=1 / capacity of couple hinges L/H=1

Categoria commerciale: 1A

SU RICHIESTA | ON REQUEST



- Perno sferico regolabile e piastra a fissare
- Adjustable spherical pin and plate to be screwed
- Pivot sphérique réglable et platine à visser
- Verstellbarer Kugelstift und Platte zum Anschrauben



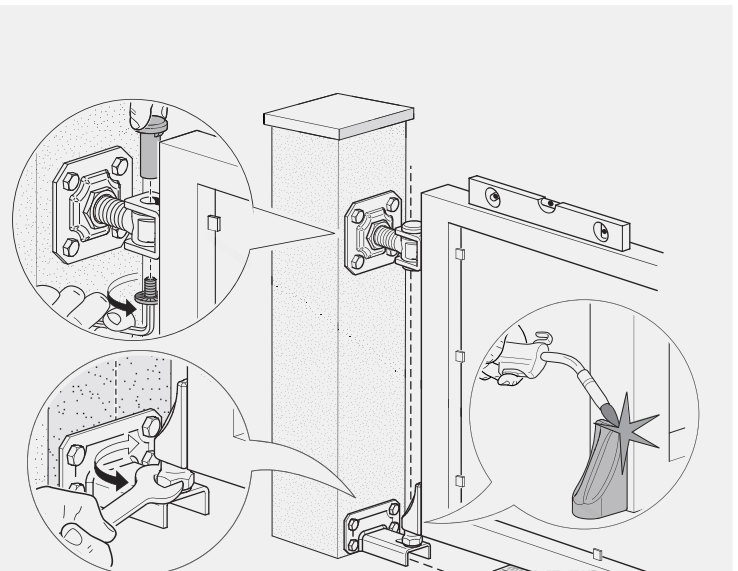
106PST

			R					€
106PST-20	zinc	124	55-75	150 Kg*	2	2,4		33,453
106PST-27	zinc	154	60-80	200 Kg*	2	3,7		35,261

* valore portata a coppia L/H=1 / capacity of couple hinges L/H=1

Categoria commerciale: 1A

SU RICHIESTA | ON REQUEST





-Perno inferiore
-Bottom pin
-Pivot inférieur
-Unterer Drehstift

110

📄	📏	⚖️	📏	📏	📏	€
110-20		200 Kg*	20	4,1		2,694
110-24		300 Kg*	10	3,3		3,376
110-27	su richiesta	450 Kg*	10	4,6		4,925

* valore portata a coppia L/H=1 / capacity of couple hinges L/H=1

Categoria commerciale: 1A



-Piastra per perno inferiore
-Plate for bottom pin
-Platine pour pivot inférieur
-Platte für unteren Drehstift

115

📄	📏	⚖️	€	
115-20,5	20	8,1	2,623	
115-24,5	10	7,4	4,046	
115-28	su richiesta	10	7,2	4,788

Categoria commerciale: 1A



-Piastra base a fissare per perno inferiore
-Base plate to be screwed for bottom pin
-Plaque de base à visser avec pivot inférieur
-Bodenplatte zum Anschrauben für unteren Drehstift

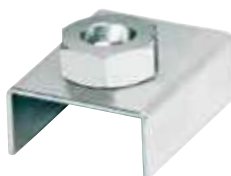
115PST

📄	📏	R	⚖️	📏	📏	€
115PST-20,5	zinc	10	150 Kg*	5	2,8	9,077
115PST-24,5	zinc	10	240 Kg*	5	2,7	9,077
115PST-28	zinc	10	300 Kg*	5	2,6	9,077

* valore portata a coppia L/H=1 / capacity of couple hinges L/H=1

Categoria commerciale: 1A

SU RICHIESTA | ON REQUEST 📞



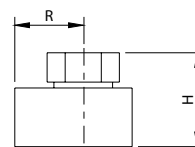
-Piastra regolabile per perno inferiore
-Adjustable plate for bottom pin
-Plaque réglable pour pivot inférieur
-Verstellbare Platte für unteren Drehstift

117

📄	📏	H	R	⚖️	📏	📏	€
117-20,5	zinc	48	25-45	125 Kg*	12	4,8	15,710
117-24,5	zinc	48	25-45	200 Kg*	12	5,0	16,159
117-28	zinc	51	25-45	250 Kg*	12	5,7	17,219

* valore portata a coppia L/H=1 / capacity of couple hinges L/H=1

Categoria commerciale: 1A



-Piastra regolabile per perno inferiore a fissare
-Adjustable plate for bottom pin to be screwed
-Plaque réglable pour pivot inférieur à visser
-Verstellbare Platte für unteren Drehstift zum Anschrauben

117PST

📄	📏	H	R	⚖️	📏	📏	€
117PST-20,5	zinc	48	30-50	125 Kg*	2	1,5	24,027
117PST-24,5	zinc	48	30-50	200 Kg*	2	1,9	24,513
117PST-28	zinc	51	30-50	250 Kg*	2	1,7	25,523

* valore portata a coppia L/H=1 / capacity of couple hinges L/H=1

Categoria commerciale: 1A

SU RICHIESTA | ON REQUEST 📞



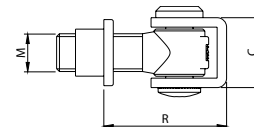
-Cardine con cavalletto e bussola
-Hinge with u-bolt and bush
-Gond avec crampillon et douille
-Torband mit U-Bügel und Buchse

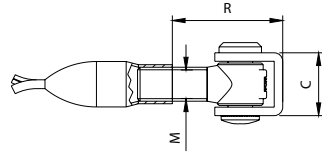
120

📄	📏	C	M	R	⚖️	📏	📏	€
120-M18	zinc	37	M18	50-70	125 Kg*	20	8,6	6,614
120-M20	zinc	37	M20	49-69	150 Kg*	20	8,6	6,945
120-M22	zinc	49	M22	55-80	220 Kg*	10	13,7	9,040
120-M24	zinc	49	M24	55-75	225 Kg*	10	7,4	10,648
120-M20 Hs700	Hs700	37	M20	49-69	150 Kg*	20	8,4	9,315
120-M24 Hs700	Hs700	49	M24	55-75	225 Kg*	10	7,1	12,733

* valore portata a coppia L/H=1 / capacity of couple hinges L/H=1

Categoria commerciale: 1A





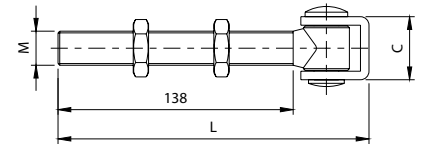
- Cardine con cavalletto a cementare
- Hinge to be cemented with u-bolt
- Gond à sceller avec crampillon
- Torband mit Mauerhülse und U-Bügel

125

		C	M	R				€
125-M20	zinc	37	M20	43-73	150 Kg*	20	10,2	8,890
125-M24	zinc	49	M24	50-75	225 Kg*	10	7,8	12,793

* valore portata a coppia L/H=1 / capacity of couple hinges L/H=1

Categoria commerciale: 1A



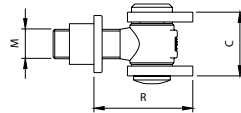
- Cardine con cavalletto a barra lunga filettata
- Hinge with long bar and u-bolt
- Gond avec barre long filetée et crampillon
- Torband mit langem Gewinde und U-Bügel

130

		C	M					€
130-M20	zinc	37	M20	L=182	150 Kg*	20	12,1	12,606
130-M24	zinc	49	M24	L=187	225 Kg*	10	10,1	16,383

* valore portata a coppia L/H=1 / capacity of couple hinges L/H=1

Categoria commerciale: 1A



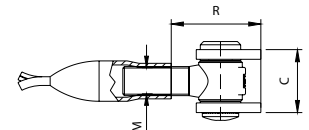
- Cardine con ali e bussola
- Hinge with wings and bush
- Gond avec ailes et douille
- Torband mit Lasche und Buchse

135

		C	M	R				€
135-M18	zinc	39	M18	50-70	125 Kg*	20	7,9	6,808
135-M20	zinc	39	M20	50-75	150 Kg*	20	8,9	7,937
135-M22	zinc	53	M22	55-80	220 Kg*	10	7,0	9,040
135-M24	zinc	53	M24	60-80	225 Kg*	10	8,0	13,229
135-M27	zinc	60	M27	62-98	320 Kg*	10	11,0	17,730

* valore portata a coppia L/H=1 / capacity of couple hinges L/H=1

Categoria commerciale: 1A



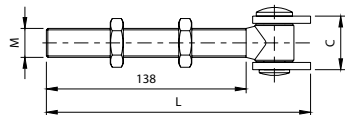
- Cardine con ali a cementare
- Hinge with wings to be cemented
- Gond à sceller avec ailes
- Torband mit Mauerhülse und Laschen

140

		C	M	R				€
140-M18	zinc	39	M18	45-65	125 Kg*	20	9,2	7,980
140-M22	zinc	53	M22	50-80	220 Kg*	10	7,9	10,386
140-M27	zinc	60	M27	55-97	320 Kg*	10	12,1	18,353

* valore portata a coppia L/H=1 / capacity of couple hinges L/H=1

Categoria commerciale: 1A



- Cardine con ali a barra lunga filettata
- Hinge with long bar and wings
- Gond avec barre long filetée et ailes
- Torband mit langem Gewinde und Laschen

150

		C	M					€
150-M18	L=185	zinc	39	M18	125 Kg*	20	10,8	13,416
150-M22	L=187	zinc	53	M22	220 Kg*	10	9,5	17,206

* valore portata a coppia L/H=1 / capacity of couple hinges L/H=1

Categoria commerciale: 1A

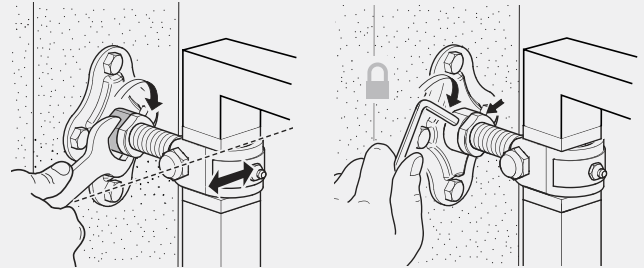
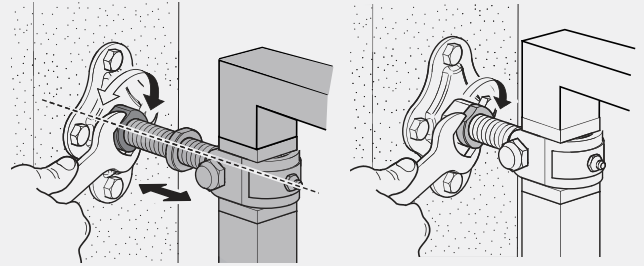
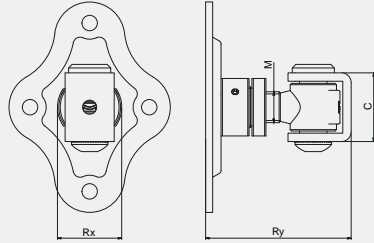
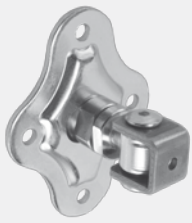


- Piastra "Rustica" con dado regolabile
- Plate "Rustica" with adjustable nut
- Platine "Rustica" avec écrou réglable
- Platte "Rustica" mit verstellbarer Mutter

154

								€
154-M18	zinc			10			4,8	11,047
154-M20	zinc			10			4,8	11,770
154-M22	zinc			10			4,6	12,468
154-M24	zinc			10			4,8	13,192
154-M27	zinc			10			4,8	15,037

Categoria commerciale: 1A



NEW 154R-CV

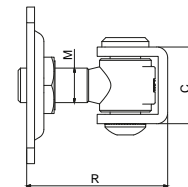
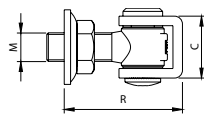
- Piastra "Rustica" doppia regolazione su 2 assi x - y
- Plate "Rustica" double adjustment on 2 axis x-y
- Platine "Rustica" avec double réglage sur les axes x-y
- Platte "Rustica" 2 Achsen x-y Doppelverstellung

PATENTED

		C	M	Ry	Rx				€
154R-CV-M18	zinc	37	18	82-86	10	125 kg*	20	18	25,35
154R-CV-M20	zinc	37	20	87-90	10	150 kg*	20	18,3	23,09
154R-CV-M22	zinc	49	22	94-96	10	220 kg*	10	13,2	26,04
154R-CV-M24	zinc	49	24	95-100	10	225 kg*	10	13,5	27,08

* valore portata a coppia L/H=1 / capacity of couple hinges L/H=1

Categoria commerciale: 1A



155

- Cardine con cavalletto e dado regolabile
- Hinge with u-bolt and adjustable nut
- Gond avec crampillon et écrou réglable
- Torband mit U-Bügel und verstellbare Mutter

NEW 157CV

- Piastra "Rettangolare" con dado regolabile
- Plate "Rettangolare" with adjustable nut
- Platine "Rettangolare" avec écrou réglable
- Platte "Rettangolare" mit verstellbarer Mutter

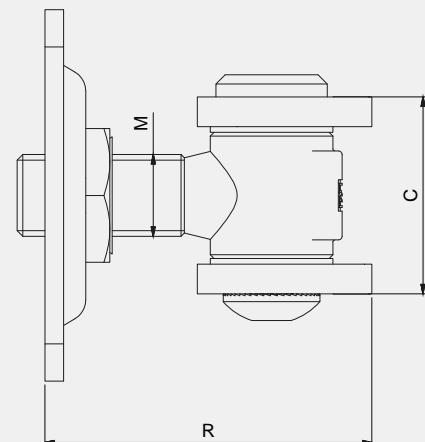
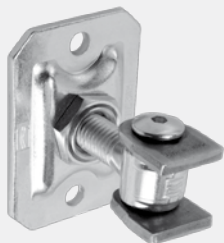
		C	M	R				€
155-M20	zinc	37	M20	70-90	150 Kg*	20	9,2	9,189
155-M24	zinc	49	M24	75-100	225 Kg*	10	8,2	13,067

* valore portata a coppia L/H=1 / capacity of couple hinges L/H=1

Categoria commerciale: 1A

		C	M	R				€
157CV-M18	zinc	37	18	62-85	125 kg*	20	13	14,93
157CV-M20	zinc	37	20	62-85	150 kg*	20	13,2	15,28
157CV-M22	zinc	49	22	70-95	220 kg*	10	9,2	18,40
157CV-M24	zinc	49	24	70-100	225 kg*	10	9,6	19,10

Categoria commerciale: 1A



NEW 157AL

- Cardine con ali e piastra "rettangolare" con dado regolabile
- Hinge with wings and Plate "Rettangolare" with adjustable nut
- Gond avec ailes et platine "Rettangolare" avec écrou réglable
- Torband mit Laschen und platte "Rettangolare" mit verstellbarer Mutter

		C	M	R				€
157-AL-M18	zinc	39	M18	62-85	125 kg*	20	12,5	13,19
157-AL-M20	zinc	39	M20	62-85	150 kg*	20	13,3	13,89
157-AL-M22	zinc	53	M22	70-95	220 kg*	10	9,4	17,71
157-AL-M24	zinc	53	M24	70-100	225 kg*	10	10,3	18,40

Categoria commerciale: 1A



159

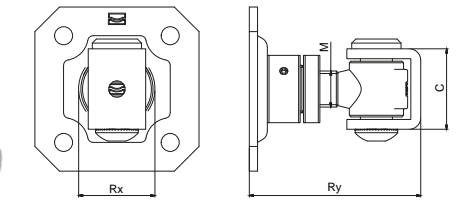
- Piastra "Quadrata" con dado regolabile
- Plate "Quadrata" with adjustable nut
- Platine "Quadrata" avec écrou réglable
- Platte "Quadrata" mit verstellbarer Mutter

159-M18	zinc	10	4,5	11,047	
159-M20	zinc	10	4,5	11,770	
159-M22	zinc	10	4,5	12,468	
159-M24	zinc	10	4,3	13,192	
159-M27	zinc	10	8,0	16,433	

Categoria commerciale: 1A



NEW 159R-CV



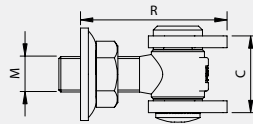
- Piastra "Quadrata" doppia regolazione su 2 assi x - y
- Plate "Quadrata" double adjustment on 2 axis x-y
- Platine "Quadrata" double réglage sur les axes x-y
- Platte "Quadrata" 2 Achsen x-y Doppelverstellung

PATENTED

		C	M	Ry	Rx				
159R-CV-M18	zinc	37	18	82-86	10	125 kg*	20	17,1	24,13
159R-CV-M20	zinc	37	20	87-90	10	150 kg*	20	17,3	21,53
159R-CV-M22	zinc	49	22	94-96	10	220 kg*	10	12,7	24,13
159R-CV-M24	zinc	49	24	95-100	10	225 kg*	10	13	24,31

* valore portata a coppia L/H=1 / capacity of couple hinges L/H=1

Categoria commerciale: 1A



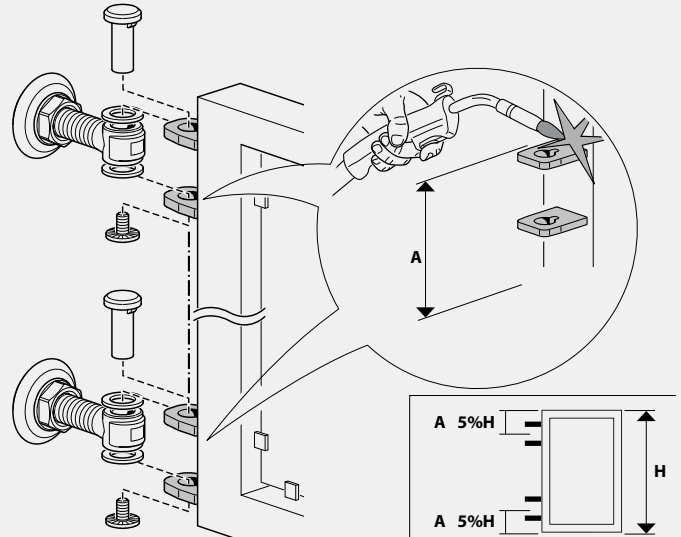
- Cardine con ali e dado regolabile
- Hinge with wings and adjustable nut
- Gond avec ailes et écrou réglable
- Torband mit Laschen und verstellbare Mutter

160

		C	M	R				
160-M18	zinc	39	M18	70-85	125 Kg*	20	8,1	8,329
160-M22	zinc	53	M22	70-95	220 Kg*	10	7,4	10,872
160-M27	zinc	60	M27	80-117	320 Kg*	10	10,5	23,877

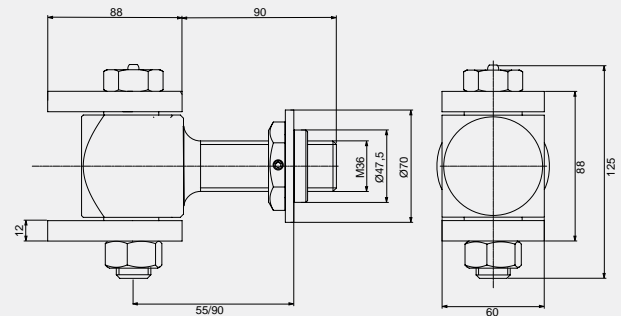
* valore portata a coppia L/H=1 / capacity of couple hinges L/H=1

Categoria commerciale: 1A



160XL

- Cardine maxi con ali e dado regolabile
- Hinge maxi with wings and adjustable nut
- Gond maxi avec ailes et écrou réglable
- Torband maxi mit Laschen und verstellbare Mutter



160XL	zinc	2	7,0	118,674

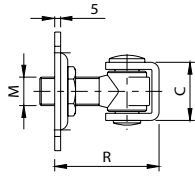
Categoria commerciale: 1A

CARATTERISTICHE:

- Ingrassatore
- Perno anti-rotazione
- Vite M36 X3,5
- Regolazione (R) da 55 a 90 mm
- Vite di fissaggio

FEATURES:

- Grease gun
- No-loosing screw
- Threaded Bar M36 X3,5
- Adjustment (R) from 55 to 90 mm
- Fixing screw



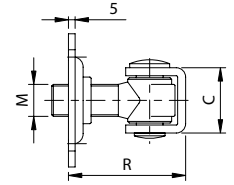
- Cardine con cavallotto e piastra con dado regolabile
- Hinge with u bolt and plate with adjustable nut
- Gond avec crampillon et platine avec écrou réglable
- Torband mit U-Bügel und Platte mit verstellbarer Mutter

161

		C	M	R				€
161-M18	zinc	37	18	62-85	125 kg*	20	14,5	19,760
161-M20	zinc	37	M20	60-85	150 Kg*	20	15,8	20,220
161-M22	zinc	49	22	70-95	220 kg*	10	9	21,450
161-M24	zinc	49	M24	70-100	225 Kg*	10	10,7	23,790

* valore portata a coppia L/H=1 / capacity of couple hinges L/H=1

Categoria commerciale: 1A



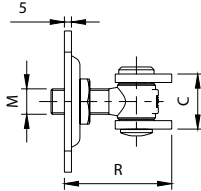
- Cardine con cavallotto e piastra con bussola
- Hinge with u bolt and plate with bush
- Gond avec crampillon et platine avec douille
- Torband mit U-Bügel und Platte mit Buchse

162

		C	M	R				€
162-M20	zinc	37	M20	60-85	150 Kg*	20	15,6	18,229
162-M24	zinc	49	M24	70-100	225 Kg*	10	10,9	20,323

* valore portata a coppia L/H=1 / capacity of couple hinges L/H=1

Categoria commerciale: 1A



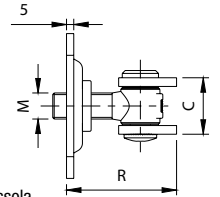
- Cardine con ali e piastra con dado regolabile
- Hinge with wings and plate with adjustable nut
- Gond avec ailes et platine avec écrou réglable
- Torband mit Laschen und Platte mit verstellbarer Mutter

163

		C	M	R				€
163-M18	zinc	39	M18	62-85	125 Kg*	20	14,2	14,540
163-M20	zinc	39	20	62-85	150 kg*	20	15	15,305
163-M22	zinc	53	M22	70-95	220 Kg*	10	10,7	20,236
163-M24	zinc	53	24	70-95	225 kg*	10	10,2	22,316
163-M27	zinc	60	M27	80-117	320 Kg*	10	17,7	29,937

* valore portata a coppia L/H=1 / capacity of couple hinges L/H=1

Categoria commerciale: 1A



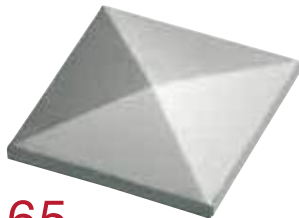
- Cardine con ali e piastra con bussola
- Hinge with wings and plate with bush
- Gond avec ailes et platine avec douille
- Torband mit Laschen und Platte mit Buchse

164

		C	M	R				€
164-M18	zinc	39	M18	60-85	125 Kg*	20	15,0	17,518
164-M22	zinc	53	M22	70-95	220 Kg*	10	8,5	19,737
164-M27	zinc	60	M27	80-117	320 Kg*	10	16,3	28,154

* valore portata a coppia L/H=1 / capacity of couple hinges L/H=1

Categoria commerciale: 1A

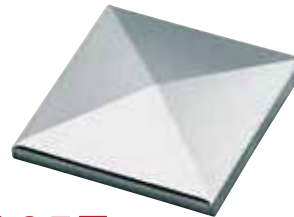


- Copri pilastro quadrato grezzo
- Square pillar cover raw
- Couvre pilastre carré brut
- Viereckiger Pfostendeckel

165

				€
165-30	30X30	50	1,5	0,524
165-40	40x40	50	2,2	0,559
165-50	50x50	50	3,2	0,594
165-60	60x60	50	4,3	0,698
165-80	80x80	50	6,7	0,931
165-100	100x100	50	9,3	1,385
165-120	120x120	25	7,8	1,734
165-150	150x150	25	11,0	2,898
165-200	200x200	20	15,2	5,436

Categoria commerciale: 1G



- Copri pilastro quadrato zincato
- Square pillar cover galvanized
- Couvre pilastre carré zingué
- Viereckiger Pfostendeckel Verzinkt

165Z

				€	
165Z-30	zinc	30X30	50	1,5	0,605
165Z-40	zinc	40x40	50	2,2	0,640
165Z-50	zinc	50x50	50	3,0	0,710
165Z-60	zinc	60x60	50	4,3	0,850
165Z-80	zinc	80x80	50	6,8	1,117
165Z-100	zinc	100x100	50	9,8	1,606
165Z-120	zinc	120x120	25	7,8	2,130
165Z-150	zinc	150x150	25	11,8	3,643
165Z-200	zinc	200x200	20	15,2	6,484

Categoria commerciale: 1G



-Copri pilastro tondo
-Round pillar cover
-Couvre pilastre rond
-Runder Pfostendeckel

165T

Icona	Icona	Icona	Icona	Icona
165T-30	Ø30,3	50	1,1	0,997
165T-33	Ø33,8	50	1,2	1,091
165T-42	Ø42,7	50	1,8	1,126
165T-48	Ø48,5	50	2,2	1,196
165T-60	Ø60,6	50	3,1	1,572
165T-76	Ø76,5	50	4,8	1,806
165T-89	Ø89,2	50	6,0	2,005
165T-102	Ø102	25	3,9	2,675
165T-114	Ø114,8	25	5,1	3,502

Categoria commerciale: 1G



-Battente d'arresto a fissare
-Stop batten to be fixed
-Battent d'arrêt à fixer
-Auflaufschuh zum Anschrauben

166

Icona	Icona	Icona	Icona	Icona	Icona
166P	Piccolo	zinc	25	6,8	6,683
166G	Grande	zinc	10	4,8	12,374

Categoria commerciale: 1G



-Battente d'arresto a cementare
-Stop batten to be cemented
-Battent d'arrêt à sceller
-Auflaufschuh zum Ausbetonieren

167

Icona	Icona	Icona	Icona	Icona
167	zinc	10	12,2	14,350

Categoria commerciale: 1G

SU RICHIESTA | ON REQUEST



-Battente d'arresto a cementare con ancoranti
-Stop batten to be cemented with tie rods
-Battent d'arrêt à sceller avec tirants
-Auflaufschuh zum Ausbetonieren mit Ankern

168

Icona	Icona	Icona	Icona	Icona
168	zinc	4	6,4	35,325

Categoria commerciale: 1G



-Battente d'arresto a cementare
-Stop batten to be cemented
-Battent d'arrêt à sceller
-Auflaufschuh zum Ausbetonieren

169

Icona	Icona	Icona	Icona	Icona
169	zinc	25	7,8	4,269

Categoria commerciale: 1G



-Battente d'arresto a cementare
-Stop batten to be cemented
-Battent d'arrêt à sceller
-Auflaufschuh zum Ausbetonieren

170

Icona	Icona	Icona	Icona	Icona
170		25	8,4	3,911

Categoria commerciale: 1G



-Battente d'arresto a fissare
-Stop batten to be fixed
-Battent d'arrêt à fixer
-Auflaufschuh zum Anschrauben

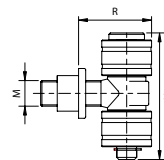
171

171	zinc	10	8,20	6,996				

Categoria commerciale: 1G



-Cardine cilindrico con bussola
-Cylindrical hinge with bush
-Gond cylindrique avec douille
-Zylindrischer Torband mit Buchse

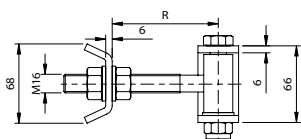


172

172-M18	zinc	89	M18	43-62	125 Kg*	20	8,7	14,789
172-M20	zinc	89	M20	43-62	155 Kg*	20	11,2	15,703
172-M24	zinc	105	M24	46-72	240 Kg*	10	10,0	19,538

* valore portata a coppia L/H=1 / capacity of couple hinges L/H=1

Categoria commerciale: 1A



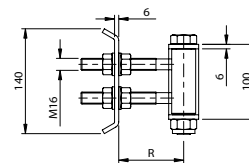
-Cardine con cavalletto per apertura a 180°
-Hinge with u bolt for 180° opening
-Gond avec crampillon pour ouverture à 180°
-Torband mit U-Bügel für 180° Öffnung

174

174-M16	zinc	50-110	75 Kg*	10	9,8	22,019		

* valore portata a coppia L/H=1 / capacity of couple hinges L/H=1

Categoria commerciale: 1A



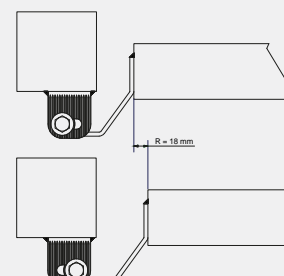
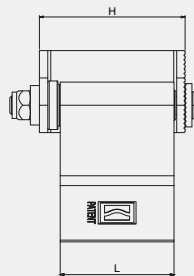
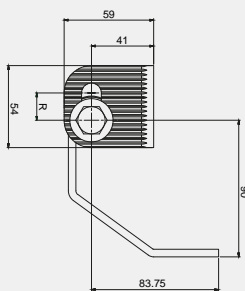
-Cardine doppio corpo con cavalletto per apertura a 180°
-Hinge with double body and u bolt for 180° opening
-Gond avec double corps et crampillon pour ouverture à 180°
-Torband mit Doppelkörper und U-Bügel für 180° Öffnung

176

176-M16	zinc	55-115	150 Kg*	10	20,0	40,796		

* valore portata a coppia L/H=1 / capacity of couple hinges L/H=1

Categoria commerciale: 1A



NEW 175

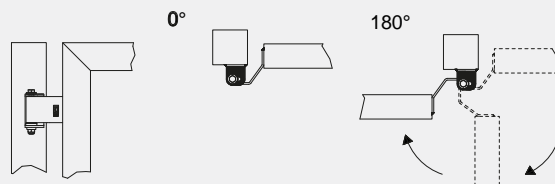
-Cardine per apertura a 180°
-Hinge for 180° opening
-Gond pour ouverture à 180°
-Torband für 180° Öffnung

PATENTED

175P	zinc	43	63	18	70 Kg*	8	7,9	16,66
175G	zinc	75	95	18	135 Kg*	6	8,6	20,00

* valore portata a coppia L/H=1 / capacity of couple hinges L/H=1

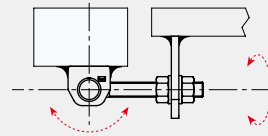
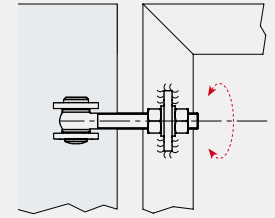
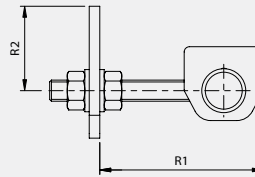
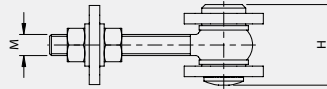
Categoria commerciale: 1A



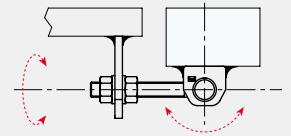


-Cardine con ali per apertura a 180°
-Hinge with wings for 180° opening
-Gond avec ailes pour ouverture à 180°
-Torband mit Laschen für 180° Öffnung

178



CLOSED

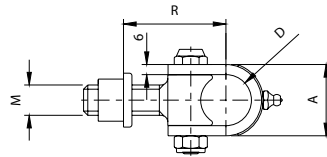


OPEN

		R	R					€
178-M12	zinc	35-85	45-60	50 Kg*	10	5,6		11,633
178-M16	zinc	40-100	50-70	75 Kg*	10	8,1		14,127
178-M20	zinc	45-100	90-110	125 Kg*	10	14,9		20,074
178-M24	zinc	55-110	85-105	200 Kg*	10	22,2		28,091

* valore portata a coppia L/H=1 / capacity of couple hinges L/H=1

Categoria commerciale: 1A



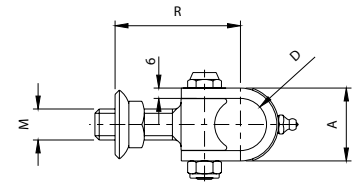
-Cardine a fascetta con ingrassatore e bussola
-Clamp-hinge with greaser and bush
-Gond à collier avec graisseur et douille
-Halseisenband mit Schmierbüchse und Buchse

180

		D	M	R				€
180-M18	zinc	Ø30	M18	45-70	100 Kg*	20	9,2	17,655
180-M22	zinc	Ø35	M22	45-75	160 Kg*	10	6,8	21,670
180-M27	zinc	Ø40	M27	55-95	260 Kg*	10	10,7	30,884

* valore portata a coppia L/H=1 / capacity of couple hinges L/H=1

Categoria commerciale: 1A



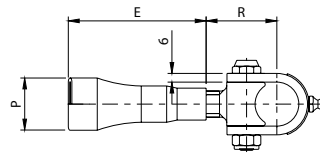
-Cardine a fascetta con ingrassatore e dado regolabile
-Clamp-hinge with greaser and adjustable nut
-Gond à collier avec graisseur et écrou réglable
-Halseisenband mit Schmierbüchse und verstellbarer Mutter

182

		D	M	R				€
182-M18	zinc	Ø30	M18	55-85	100 Kg*	20	9,7	20,224
182-M22	zinc	Ø35	M22	64-100	160 Kg*	10	7,2	25,199
182-M27	zinc	Ø40	M27	75-115	260 Kg*	10	11,7	33,714

* valore portata a coppia L/H=1 / capacity of couple hinges L/H=1

Categoria commerciale: 1A



-Cardine a fascetta a cementare con ingrassatore
-Clamp-hinge with greaser to be cemented
-Gond à collier avec graisseur à sceller
-Halseisenband mit Schmierbüchse zum Ausbetonieren

184

		E	P	R				€
184-M18	zinc	95	38	40-70	100 Kg*	20	10,3	20,249
184-M22	zinc	100	38	45-80	160 Kg*	10	7,3	25,298
184-M27	zinc	110	44	55-95	260 kg*	10	10,5	35,472

* valore portata a coppia L/H=1 / capacity of couple hinges L/H=1

Categoria commerciale: 1A



-Corpo cardine a fascetta con ingrassatore per barre filettate
-Clamp-hinge body with greaser for threaded bars
-Corps gond à collier avec graisseur pour barres filetées
-Halseisenbandkörper mit Schmierbüchse für Profile mit Gewinde

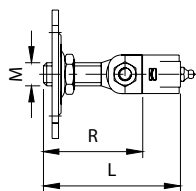
185

								€
185-M18	zinc			100 Kg*	8		4,1	24,164
185-M22	zinc			160 Kg*	6		4,2	28,627
185-M27	zinc			260 Kg*	6		5,3	39,599

* valore portata a coppia L/H=1 / capacity of couple hinges L/H=1

Categoria commerciale: 1A

SU RICHIESTA | ON REQUEST



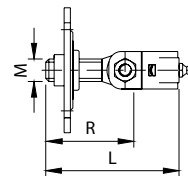
186

- Cardine a fascetta con ingrassatore e piastra con dado regolabile
- Clamp-hinge with greaser and plate with adjustable nut
- Gond à collier avec graisseur et platine avec écrou réglable
- Halseisenband mit Schmierbüchse und Platte mit verstellbarer Mutter

Icon	Material	L	M	R	Weight	Capacity	Price
📄	zinc	106	M18	55-85	100 Kg*	20	16,9 22,593
📄	zinc	122	M22	64-100	160 Kg*	10	10,5 29,076
📄	zinc	141	M27	75-115	260 kg*	10	16,9 49,599

* valore portata a coppia L/H=1 / capacity of couple hinges L/H=1

Categoria commerciale: 1A



188

- Cardine a fascetta con ingrassatore e piastra con bussola
- Clamp-hinge with greaser and plate with bush
- Gond à collier avec graisseur et platine avec douille
- Halseisenband mit Schmierbüchse und Platte mit Buchse

Icon	Material	L	M	R	Weight	Capacity	Price
📄	zinc	106	M18	55-85	100 Kg*	20	16,6 21,982
📄	zinc	122	M22	64-100	160 Kg*	10	10,3 28,553
📄	zinc	141	M27	75-115	260 Kg*	10	16,7 45,709

* valore portata a coppia L/H=1 / capacity of couple hinges L/H=1

Categoria commerciale: 1A



- Dado per cardini
- Nut for hinges
- Écrou pour gonds
- Mutter für Torbänder

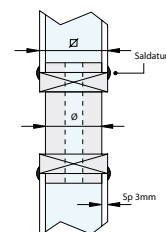
189

Icon	Material	Weight	Capacity	Price
📄	zinc	50	1,4	0,374
📄	zinc	50	1,7	0,574
📄	zinc	50	1,9	0,761
📄	zinc	50	2,5	1,047
📄	zinc	50	4,5	2,007

Categoria commerciale: 1A



- Perno forato a base quadrata per cardini a fascetta
- Holed pivot with square base for clamp-hinges
- Pivot percé avec base carrée pour gonds à collier
- Anschweißstück mit Bohrungen und Quadrat-Fuß für Halseisenbänder



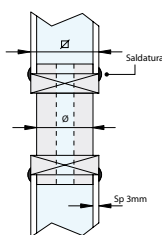
190

Icon	Material	Weight	Capacity	Price
📄	zinc	20	6,9	10,897
📄	zinc	10	5,3	12,643
📄	zinc	10	6,1	15,261

Categoria commerciale: 1A



- Perno maggiorato forato a base quadrata per cardini a fascetta
- Oversize holed pivot with square base for clamp-hinges
- Pivot plus grand percé avec base carrée pour gonds à collier
- Größer Anschweißstück mit Bohrungen und Quadrat-Fuß für Halseisenbänder



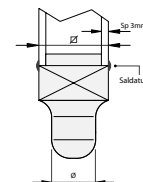
192

Icon	Material	Weight	Capacity	Price
📄	zinc	20	8,2	13,428
📄	zinc	10	4,9	15,199
📄	zinc	10	7,6	18,927

Categoria commerciale: 1A



- Perno inferiore a base quadrata
- Bottom pivot with square base
- Pivot inférieur avec base carrée
- Lagerzapfen mit Quadrat-Fuß

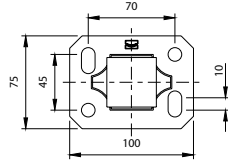


194

Icon	Material	Weight	Capacity	Price
📄	zinc	20	3,7	5,486
📄	zinc	10	2,7	6,384
📄	zinc	10	3,2	8,890
📄	zinc	10	4,5	11,446

* valore portata a coppia L/H=1 / capacity of couple hinges L/H=1

Categoria commerciale: 1A



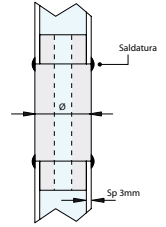
- Piastra base inferiore a fissare con perno sferico
- Bottom ground plate to be fixed with spherical pivot
- Platine de base inférieure à fixer avec pivot sphérique
- Bodenplatte zum Anschrauben mit Kugelzapfen

194PST

194PST-40x40	40x40	001	150 Kg*	5	3,7	20,249

* valore portata a coppia L/H=1 / capacity of couple hinges L/H=1

Categoria commerciale: 1A

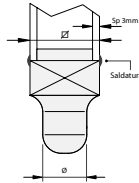


- Perno forato a base tonda per cardini a fascetta
- Holed pivot with round base for clamp-hinges
- Pivot percé avec base ronde pour gonds à collier
- Anschweißstück mit Bohrungen und Rund-Fuß für Halseisenbänder

196

196-30	Ø30x3	20	5,9		6,159
196-35	Ø35x3	10	4,5		7,431
196-40	Ø40x3	10	7,7		10,461

Categoria commerciale: 1A



- Perno inferiore a base tonda
- Bottom pivot with round base
- Pivot inférieur avec base ronde
- Lagerzapfen mit Rund-Fuß

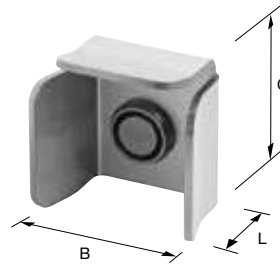
198

198-30	Ø30x3	280 Kg*	10	1,5	4,613
198-35	Ø35x3	350 Kg*	10	2,3	5,424
198-40	Ø40x3	550 kg*	10	2,8	7,780

* valore portata a coppia L/H=1 / capacity of couple hinges L/H=1

Categoria commerciale: 1A

SU RICHIESTA | ON REQUEST



- Incontro superiore con tappo ammortizzatore
- Upper end with shock absorber cup
- Butée supérieure avec bouchon amortisseur
- Oberer Auflageschuh mit Schlussdämpfer

199

199-40	Piccolo	42	59	45	6	1,6	18,989
199-50	Medio	52	69	50	6	2,3	20,679
199-60	Grande	62	79	60	6	3,0	26,910

Categoria commerciale: 1G



- Arresto di fine corsa
- Runaway stop
- Butoir de fin de course
- Torendpuffer

200

200P	H=96	zinc	30	7,9	7,601
200G	H=120	zinc	15	6,9	9,091

Categoria commerciale: 1G



- Arresto di fine corsa con base a fissare
- Runaway stop to be screwed
- Butoir de fin de course avec base à visser
- Torendpuffer mit Befestigungsplatte zum Anschrauben

202

202	H=120	zinc	10	7,4	13,326

Categoria commerciale: 1G

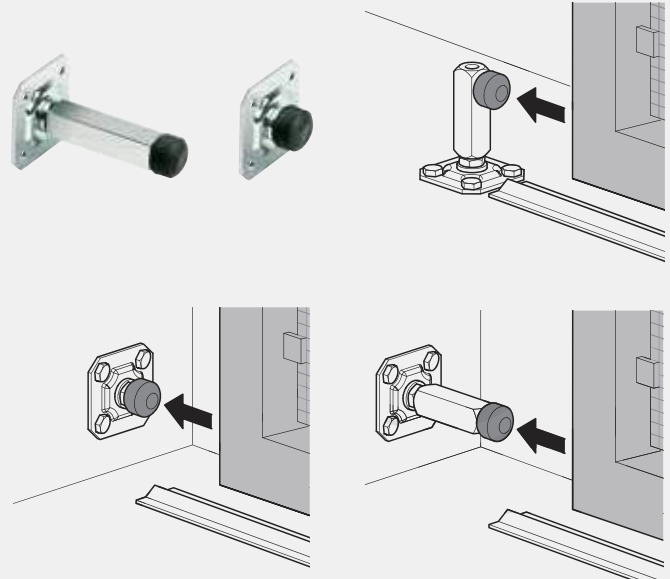


- Battente "Tris" a fissare tripla funzione
- Strike plate to be fastened with triple function
- Butée à fixer triple fonction
- Auflaufschuh zur Befestigung mit dreifacher Funktion

201

201	H=132	zinc	2	2,8	28,835

Categoria commerciale: 1G

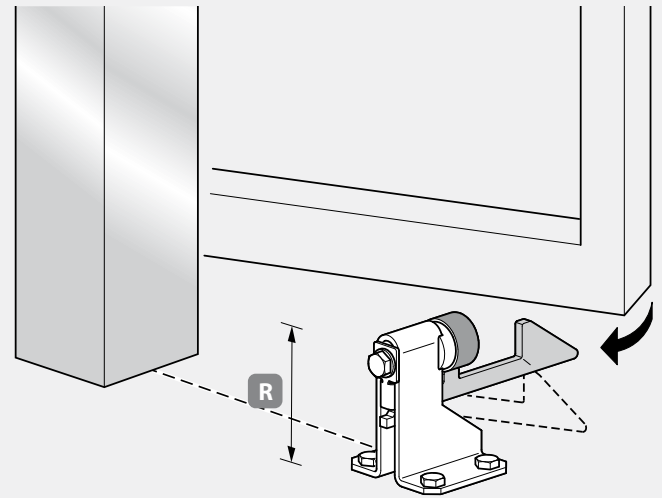


- Arresto di fine corsa regolabile a fissare per cancelli ad anta
- Adjustable runaway stop to be screwed for wing gates
- Boutoir de fin de course à visser réglable pour portails à vantaux
- Verstellbarer Torendpuffer zum Anschrauben für Flügel Tore

202F-B

202F-B	H=130	zinc	70-115	4	6,4	50,637

Categoria commerciale: 1G



- Arresto di fine corsa ammortizzato con base a fissare
- Damped runaway stop to be screwed
- Boutoir de fin de course amorti avec base à visser
- Torendpuffer mit Platte zum Anschrauben

202F-A

202F-A	H=106	zinc	4	5,6	64,703

Categoria commerciale: 1G



- Arresto di fine corsa regolabile a fissare
- Adjustable runaway stop to be screwed
- Boutoir de fin de course à visser réglable
- Verstellbarer Torendpuffer zum Anschrauben

202F-C

202F-C	H=130	zinc	70-115	10	12,4	36,571

Categoria commerciale: 1G



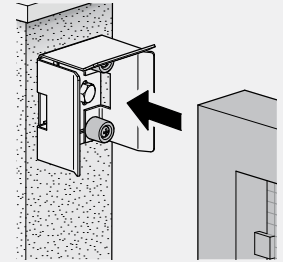
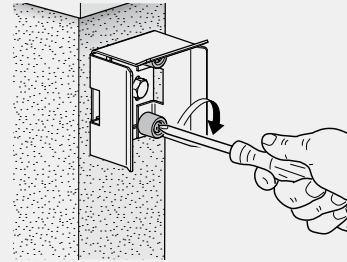
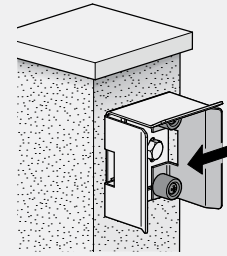
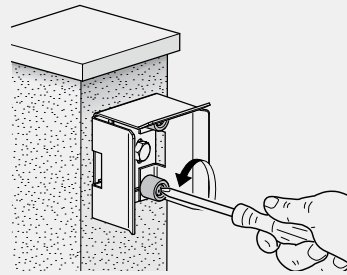
-Incontro chiuso regolabile con tappi ammortizzatori
-Closed adjustable end with shock absorber cups
-Butée fermée réglable avec bouchons amortisseurs
-Verstellbarer geschlossener Auflegeschuh mit Schlusdämpfern

204

204	zinc	80-150	2	7,3	77,362

Categoria commerciale: 1G

SU RICHIESTA | ON REQUEST



-Adattatore in nylon per arresto di fine corsa a fissare
-Nylon adapter for runaway stop to be screwed
-Adaptateur en nylon pour boudoir de fin de course à visser
-Nylon-Passtreck für Befestigungsplatte zum Anschrauben

202A

202A	H=21	nylon	10	0,90	3,480

Categoria commerciale: 1G



-Incontro aperto regolabile con tappi ammortizzatori
-Open adjustable end with shock absorber cups
-Butée ouverte avec bouchons amortisseurs
-Verstellbarer geöffneter Auflegeschuh mit Schlusdämpfern

203

203	zinc	80-150	2	5,8	63,296

Categoria commerciale: 1G

SU RICHIESTA | ON REQUEST



-Maniglia in nylon
-Nylon handle
-Béquille en nylon
-Nylon-Türdrücker

205

205	zinc	30-50	10	2,1	10,270

Categoria commerciale: 1H

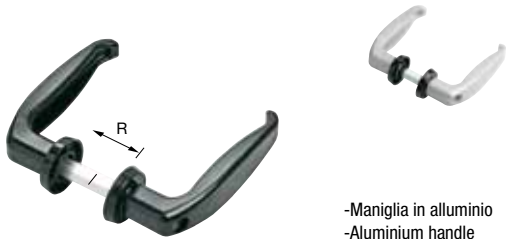


-Maniglia in alluminio mod. "Sonia"
-Aluminium handle "Sonia"
-Béquille en aluminium "Sonia"
-Aluminium-Türdrücker Modell "Sonia"

209

209	Ral 9005	30-50	20	5,6	21,932
209	argento/silver	30-50	20	5,5	24,550

Categoria commerciale: 1H



-Maniglia in alluminio
-Aluminium handle
-Béquille en aluminium
-Aluminium-Türdrücker

210

📄	🔗	R	📏	🔒	€
210-25-35	Ral 9005	25-35	20	3,5	3,905
210-25-35	argento/silver - su richiesta	25-35	20	3,5	3,905
210-40-50	Ral 9005	40-50	20	3,6	3,905
210-40-50	argento/silver - su richiesta	40-50	20	3,6	3,905
210-50-60	Ral 9005	50-60	20	3,7	3,905
210-50-60	argento/silver - su richiesta	50-60	20	3,7	3,905
210-60-70	Ral 9005	60-70	20	3,9	4,011
210-60-70	argento/silver - su richiesta	60-70	20	3,9	4,011

Categoria commerciale: 1H

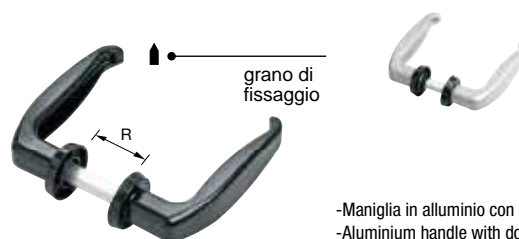


-Maniglia in alluminio mod. "Valentina"
-Aluminium handle "Valentina"
-Béquille en aluminium "Valentina"
-Aluminium-Türdrücker Modell "Valentina"

213

📄	R	🔗	📏	🔒	€
213	30-50	Ral 9005	20	9,3	13,503

Categoria commerciale: 1H



-Maniglia in alluminio con grano
-Aluminium handle with dowel
-Béquille en aluminium avec grain
-Aluminium-Türdrücker mit Korn

211

📄	🔗	R	📏	🔒	€
211	Ral 9005	25-80	20	4,1	6,128
211	argento/silver - su richiesta	25-80	20	4,1	6,128

Categoria commerciale: 1H

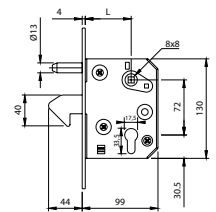


-Serratura a gancio con cilindro
-Hook-lock with cylinder
-Serrure à crochet avec cylindre
-Hackenschloss mit Schließzylinder

215

📄	L	🔗	📏	🔒	€
215-50	50	zinc	5	6,2	30,822
215-60	60	zinc	5	6,2	30,822

Categoria commerciale: 1N

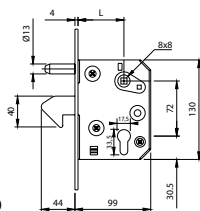


-Serratura a gancio senza cilindro
-Hook-lock without cylinder
-Serrure à crochet sans cylindre
-Hackenschloss ohne Schließzylinder

215-S

📄	L	🔗	📏	🔒	€
215S-50	50	zinc	5	5,3	27,331
215S-60	60	zinc	5	5,2	27,331

Categoria commerciale: 1N



-Contropiastra per serratura 215
-Counter-plate for lock 215
-Contre-platine pour serrure 215
-Gegenplatte für Schloss 215

216

📄	🔗	📏	🔒	€
216	zinc	25	3,5	2,579

Categoria commerciale: 1N



- Incontro per serratura a gancio con tappi ammortizzatori
- End with shock absorber cups for hook-lock
- Butée pour serrure à crochet avec bouchons amortisseurs
- Aufflauschuh für Hackenschloss mit Schlusssdämpfern

217

	B			€
217-40	42	4	2,20	16,346
217-50	52	4	2,60	20,610
217-60	62	4	4,00	23,316

Categoria commerciale: 1G

SU RICHIESTA | ON REQUEST



- Copri serratura
- Lock cover
- Couvre serrure
- Einbauschlosskasten

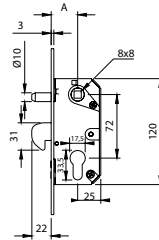
220

	A			€
220-40	21	20	11,7	10,124
220-50	11	20	11,7	10,124

Categoria commerciale: 1G



- Serratura a gancio frontale piatto con cilindro
- Plate face hook-lock with cylinder
- Serrure à crochet plat avec cylindre
- Hackenschloss flach mit Schließzylinder



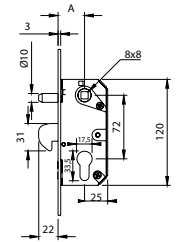
222

	A			€
222-30	zinc 30	5	3,2	34,104
222-35	zinc 35	5	3,6	35,461
222-40	zinc 40	5	3,7	36,904
222-45	zinc 45	5	3,8	38,397
222-50	zinc 50	5	3,6	39,940
222-60	zinc 60	5	4,1	41,568

Categoria commerciale: 1N



- Serratura a gancio frontale piatto senza cilindro
- Plate face hook-lock without cylinder
- Serrure à crochet plat sans cylindre
- Hackenschloss flach ohne Schließzylinder



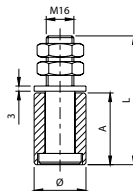
223

	A			€
223-30	zinc 30	5	2,5	30,377
223-35	zinc 35	5	2,6	31,648
223-40	zinc 40	5	2,4	32,968
223-45	zinc 45	5	2,5	34,338
223-50	zinc 50	5	2,6	35,757
223-60	zinc 60	5	2,8	37,250

Categoria commerciale: 1N



- Oliva in ottone
- Brass roller
- Rouleau en laiton
- Führungsrolle aus Messing



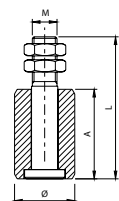
227

					€
227-30	Ø30	zinc	20	6,4	11,240
227-42	Ø42	zinc	20	13,8	23,048

Categoria commerciale: 1L



- Oliva in nylon
- Nylon roller
- Rouleau en nylon
- Nylon-Führungsrolle



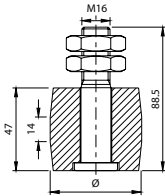
230

			M			€
230-25	Ø25	zinc	M14	20	2,4	3,208
230-30	Ø30	zinc	M16	20	3,7	3,640
230-40	Ø39	zinc	M16	20	5,2	4,812
230-41	Ø41	zinc	M16	20	4,4	4,874
230-42	Ø42	zinc	M16	20	5,5	7,280

Categoria commerciale: 1L



-Oliva in nylon
-Nylon roller
-Rouleau en nylon
-Nylon-Führungsrolle



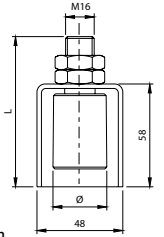
231

231-52	Ø52	zinc	20	5,7	9,464

Categoria commerciale: 1L



-Oliva in nylon con protezione antinfortunistica
-Nylon roller with accident prevention
-Rouleau en nylon pour la prévention des accidents
-Nylon-Führungsrolle für die Unfallverhütung



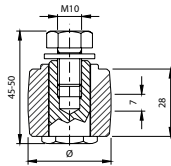
232

232-30	Ø30	zinc	20	4,2	5,947
232-40	Ø39	zinc	20	5,7	6,996

Categoria commerciale: 1L



-Oliva in nylon
-Nylon roller
-Rouleau en nylon
-Nylon-Führungsrolle



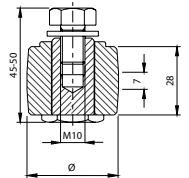
235

235-35	Ø34,5	zinc	20	2,0	3,331

Categoria commerciale: 1L



-Oliva in nylon
-Nylon roller
-Rouleau en nylon
-Nylon-Führungsrolle



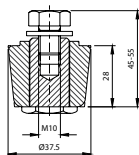
240

240-37,5	Ø37,5	zinc	20	2,2	3,011

Categoria commerciale: 1L



-Oliva conica in nylon
-Nylon conical roller
-Rouleau conique en nylon
-Nylon-Führungsrolle mit konischem Verlauf



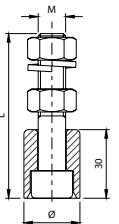
242

242-37,5	Ø37,5	zinc	20	2,3	3,220

Categoria commerciale: 1L



-Oliva a rullo in nylon
-Nylon roller
-Rouleau en nylon
-Nylon-Führungsrolle



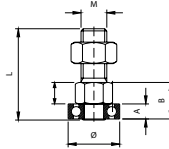
243

243-25	Ø25	zinc	M12	20	2,3	3,307
243-30	Ø30	zinc	M14	20	3,3	3,442
243-40	Ø40	zinc	M14	20	3,6	3,615

Categoria commerciale: 1L



-Perno con cuscinetto
-Pivot with bearing
-Pivot avec roulement
-Bolzen mit Kugellager



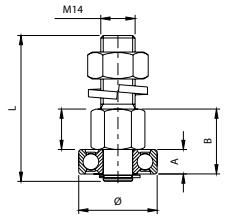
244

			M			€
244-25	Ø24	zinc	M12	20	1,3	8,637
244-30	Ø30	zinc	M14	20	2,1	10,130
244-40	Ø40	zinc	M14	20	3,2	14,337

Categoria commerciale: 1L



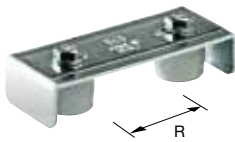
-Perno con cuscinetto
-Pivot with bearing
-Pivot avec roulement
-Bolzen mit Kugellager



245

						€
245-32	Ø32	zinc		20	2,9	10,352
245-35	Ø35	zinc		20	3,3	12,301
245-42	Ø42	zinc		20	4,1	14,621

Categoria commerciale: 1L

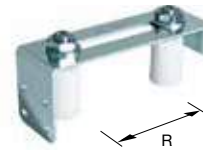


-Piastra mini guida cancello
-Small drive-gate plate
-Petite platine guide-portail
-Kleiner Führungsbügel

247

			R			€
247	Ø 34,5	zinc	30-60	20	9,5	15,658

Categoria commerciale: 1L

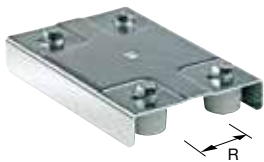


-Piastra mini guida cancello
-Small drive-gate plate
-Petite platine guide-portail
-Kleiner Führungsbügel

247 F

			R			€
247F	Ø 30	zinc	0-85	20	9,4	16,000

Categoria commerciale: 1L



-Piastra guida cancello regolabile
-Drive-gate adjustable plate
-Platine guide-portail réglable
-Verstellbarer Torführungsbügel

250

			R			€
250-220	Ø 34,5	zinc	30-60	10	12,5	19,593

Categoria commerciale: 1L



-Piastra guida cancello regolabile con staffe angolari
-Adjustable drive-gate plate with angle-brackets
-Platine guide-portail réglable avec plaques d'angle
-Verstellbarer Torführungsbügel mit Eckhalterungen

251

			R			€
251-220	Ø30	zinc	0-80	4	13,3	56,325
251-300	Ø40	zinc	0-120	2	7,5	71,255

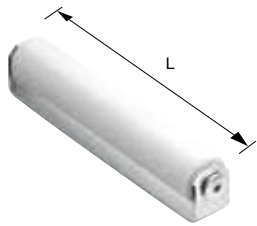
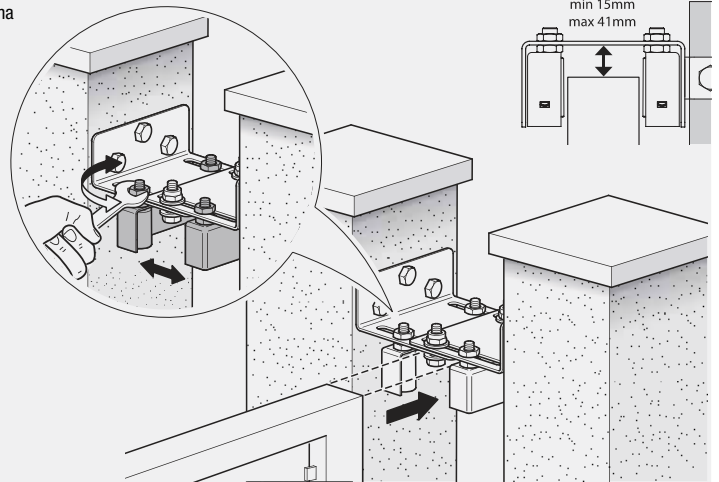
Categoria commerciale: 1L



- Piastra doppia regolazione a fissare per cancelli con doppia colonna
- Double adjustment plate to be screwed for gates with 2 columns
- Platine double réglage à visser pour portails avec 2 colonnes
- Platte zum Anschrauben mit Doppelverstellung für Tore mit zwei Pfeiler

252

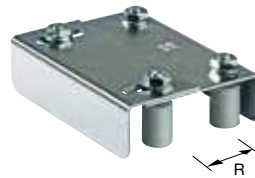
252-200	Ø40	zinc	0-300	1	4,1 €
Categoria commerciale: 1L			SU RICHIESTA ON REQUEST		



- Maxi rullo in nylon a fissare
- Big nylon-roller to be screwed
- Rouleau en nylon grand à visser
- Maxi-Walze aus Nylon zum Anschrauben

253

253-40	L	zinc	3	3,0	46,393 €
Categoria commerciale: 1L					



- Piastra guida cancello a doppia regolazione
- Guiding plate for gates with double adjustment
- Platine guide-portail à double réglage
- Torführungsbügel mit Doppelverstellung

255

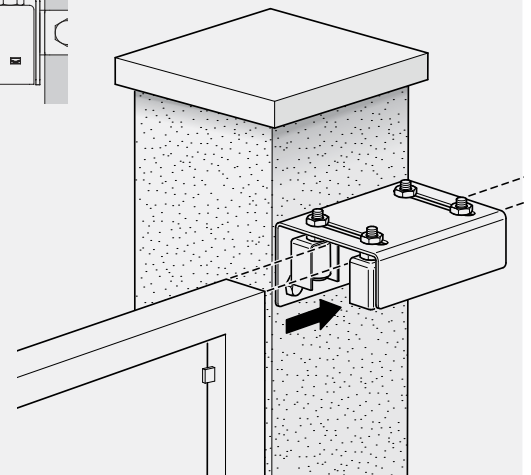
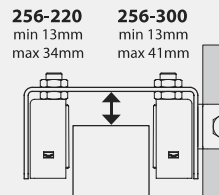
255-220	Ø30	zinc	35-62	10	22,7 €
255-350	Ø40	zinc	62-85	5	27,9 €
Categoria commerciale: 1L					



- Piastra guida cancello regolabile con ala lunga a fissare
- Adjustable guiding plate for gates with long wing to be screwed
- Platine guide-portail réglable avec aile longue à visser
- Verstellbarer Torführungsbügel mit langem Flügel zum Anschrauben

256

256-220	Ø30	zinc	0-80	4	12,6 €
256-300	Ø40	zinc	0-120	2	9,0 €
Categoria commerciale: 1L					



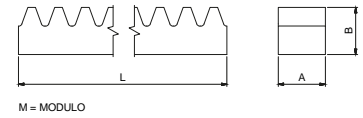


- Piastra guida cancello regolabile gigante
- Adjustable big plate for gates
- Platine guide-portail réglable géante
- Extra-grosser verstellbarer Torführungsbügel

257

		R			€
257-300	zinc	0-117	4	15,8	60,384
257-400	zinc	0-117	4	18,5	65,468
257-500	zinc	0-117	4	22,0	67,997
257-600	zinc	0-117	4	23,7	71,218
257-700	zinc	0-117	4	23,7	72,982
257-800	zinc	0-117	4	29,4	79,127

Categoria commerciale: 1L

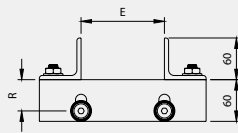


- Cremagliera quadra
- Square rack
- Crémaillère carrée
- Viereckige Zahnstange

260

			A	B	M			€
260-22x22	L=1000	zinc	22	22	4	1	3,1	28,160
260-22x22	L=2000	zinc	22	22	4	1	6,2	56,319
260-30x30	L=1000	zinc	30	30	6	1	6,0	51,447

Categoria commerciale: 1F



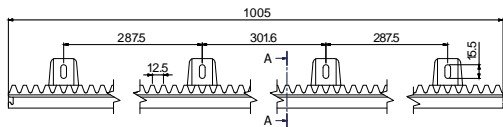
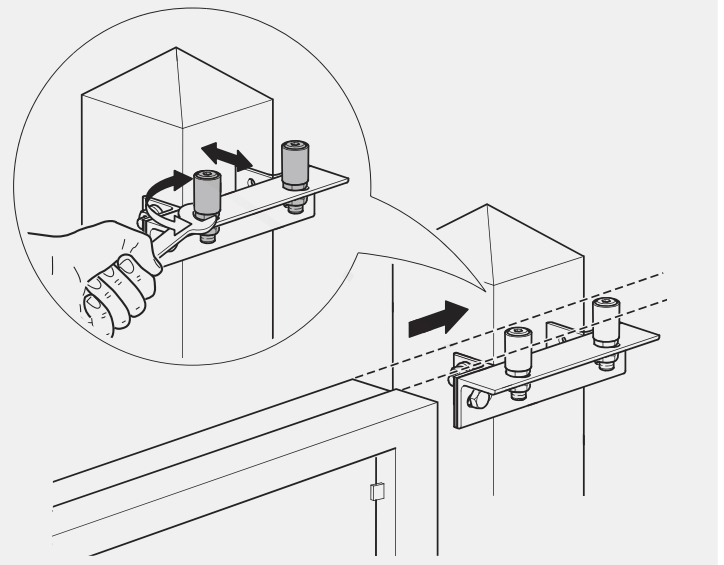
- Piastra guida cancello interna regolabile a fissare
- Adjustable internal guiding plate for gates to be screwed
- Platine guide-portail intérieur réglable à visser
- Verstellbarer Innenführungsbügel für Tore zum Anschrauben

258

		R			€
258-30	zinc	30-45	6	14,4	72,859

Categoria commerciale: 1L

SU RICHIESTA | ON REQUEST



- Cremagliera in nylon e corpo in acciaio
- Nylon-rack with steel body
- Crémaillère en nylon avec corps en acier
- Nylon-Zahnstange mit Stahlkörper

261

					€
261-26x20	L=1000	1	0,9		9,500

Categoria commerciale: 1F



- Cremagliera Rettangolare 30x8 – 30x12 con fori
- Rectangular rack 30x8-30x12 with holes
- Crémaillère rectangulaire 30x8-30x12 avec trous
- Rechteckige Zahnstange 30x8-30x12 mit Bohrungen

262

		A			€	
262-30x8	L=1000	450,5	zinc	1	1,6	15,033
262-30x12	L=1000	450,5	zinc	1	2,4	18,773
262-30x12	L=2000	632	zinc	1	4,9	37,570

Categoria commerciale: 1F



-Distanziale per cremagliera rettangolare
-Fixing unit for rectangular rack
-Attache-entretoise pour crémaillère rectangulaire
-Distanzstück für rechteckige Zahnstange

263

263	zinc	30	2,0	1,670

Categoria commerciale: 1F



-Attacco a saldare per cremagliera rettangolare
-Support for rectangular rack to be welded
-Attache entretoise pour crémaillère rectangulaire
-Distanzstück für rechteckige Zahnstange zum Schweißen

264

264	zinc	30	1,5	1,023

Categoria commerciale: 1F



-Cremagliera anti intrusione
-Antitheft rack
-Crémaillère antiviol
-Zackenleiste

265

265	L=2000	10	8,4	12,880
265	L=3000	10	13,4	19,338

Categoria commerciale: 1F



-Attacco in zama per cremagliera rettangolare
-Alloy support for rectangular rack
-Attache entretoise en zamac pour crémaillère rectangulaire
-Zamak-Distanzstück für rechteckige Zahnstange

266

266	zinc	30	2,1	2,319

Categoria commerciale: 1F



-Maniglia ad incasso
-Flush-mounted handle
-Poignée à encaisser
-Muschelgriff

270

270P	52x115	zinc	30	2,5	2,795
270G	90x200	zinc	30	7,3	6,491

Categoria commerciale: 1H

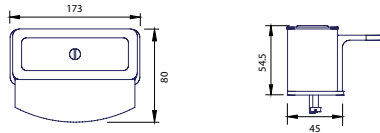


-Maniglia ad incasso con leva
-Flush-mounted handle with lever
-Poignée à encaisser avec levier
-Muschelgriff mit Triebriegel

272

272	90x200	zinc	30	11,4	8,872

Categoria commerciale: 1H

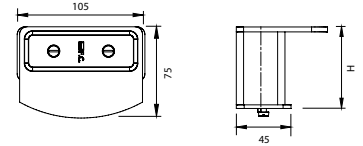


- Battente porta incontro a montaggio rapido regolabile
- Easy to set up adjustable batten
- Battant réglable à montage rapide
- Einfach zum Einstellen verstellbares Schließblech

275

275	40-50	zinc	4	2,8	18,537

Categoria commerciale: 1G

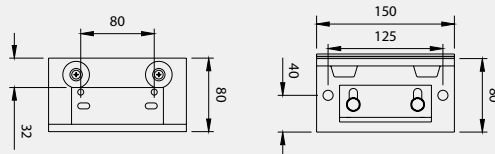


- Battente porta incontro
- Battent
- Battant
- Schließblech

275F

275F-30	zinc	37	4	2,2	12,678
275F-40	zinc	47	4	2,4	12,898
275F-50	zinc	57	4	2,8	13,119
275F-60	zinc	67	4	2,9	13,560

Categoria commerciale: 1G



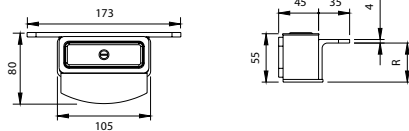
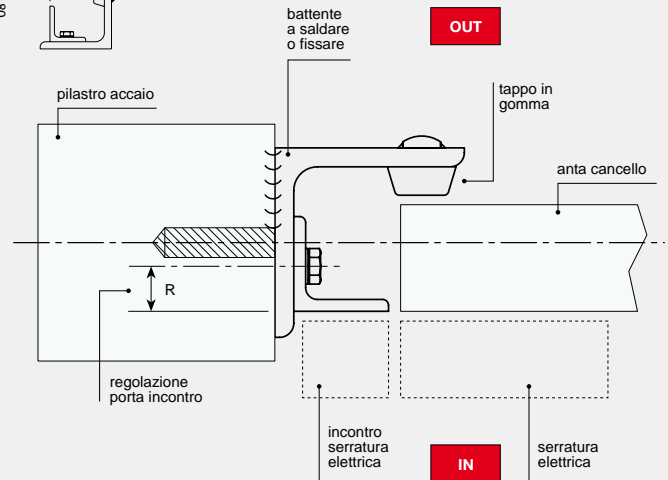
- Battente porta incontro regolabile a fissare con ammortizzatori
- Adjustable batten to be screwed with shock absorber cups
- Battant réglable à visser avec bouchons amortisseurs
- Verstellbares Schließblech zum Anschrauben mit Schlusdämpfern

276

276	50-70	zinc	4	7,3	71,919

Categoria commerciale: 1G

SU RICHIESTA | ON REQUEST



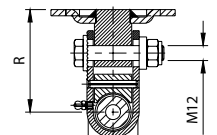
- Battente porta incontro regolabile a fissare
- Adjustable batten to be screwed
- Battant réglable à visser
- Verstellbares Schließblech zum Anschrauben

275PST

275PST	40-50	zinc	4	3,9	32,592

Categoria commerciale: 1G

SU RICHIESTA | ON REQUEST

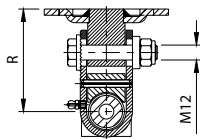


- Cardine "Giuliano"
- Hinge "Giuliano"
- Gond "Giuliano"
- Torband "Giuliano"

282

282-30X30	71-84	zinc	400 Kg	10	43,889

Categoria commerciale: 1A



-Kit completo cardine "Giuliano"
 -Kit for hinge "Giuliano"
 -Kit complet gond "Giuliano"
 -Satz Torband "Giuliano"

285

📄	R	📏	🗺️	👤	🔒	€
285-30x30	71-81	zinc	2	6,1	54,212	

Categoria commerciale: 1A



-Binario a cementare "Pendolino"
 -Track to be cemented "Pendolino"
 -Rail à sceller "Pendolino"
 -Bodenlaufschiene zum Einbetonieren "Pendolino"



287

📄	📏	🗺️	A	F	🗺️	🔒	€
287P-Ø15-Sp3	L=3000	zinc	44	Ø9	10	75,0	46,445
287P-Ø15-Sp3	L=3000	zinc	44	Ø9	54	405,0	44,188
287P-Ø15-Sp3	L=6000	zinc	44	Ø9	10	150,0	71,394
287P-Ø15-Sp3	L=6000	zinc	44	Ø9	54	810,0	67,940
287-Ø17-Sp3	L=6000	zinc	53	Ø11	10	184,0	72,977
287-Ø17-Sp3	L=6000	zinc	53	Ø11	54	993,6	66,344
287G-Ø19-Sp3	L=3000	zinc	58	Ø13	10	93,3	35,053
287G-Ø19-Sp3	L=3000	zinc	58	Ø13	54	503,9	33,182
287G-Ø19-Sp3	L=6000	zinc	58	Ø13	10	186,6	68,846
287G-Ø19-Sp3	L=6000	zinc	58	Ø13	54	972,0	62,589
287G-Ø19-Sp4	L=3000	zinc	55	Ø11	10	123,0	55,072
287G-Ø19-Sp4	L=3000	zinc	55	Ø11	54	664,4	52,567
287G-Ø19-Sp4	L=6000	zinc	55	Ø11	10	226,0	89,360
287G-Ø19-Sp4	L=6000	zinc	55	Ø11	54	1188,0	80,115

Categoria commerciale: 1I



-Kit per 287G sp. 4mm filo pavimento
 -Kit for art. 287G at floor level 4mm tick
 -Kit pour art. 287G au niveau du sol épaisseur 4mm
 -Satz für art. 287G auf dem Fußbodenniveau 4mm stark

287FP

📄	📏	🗺️	🗺️	👤	🔒	€
287FP-G	L=3000	zinc	Ø19 / sp.4	1	11,0	40,373
287FP-G	L=6000	zinc	Ø19 / sp.4	1	21,7	79,037

Categoria commerciale: 1I



-Binario a fissare "Rapido"
 -Track to be bolted "Rapido"
 -Rail à visser "Rapido"
 -Laufschiene zum Anschrauben "Rapido"



289

📄	📏	🗺️	Ø	🗺️	🔒	€
289P-Ø15-Sp3	L=3000	zinc	15	25	115,9	34,276
289P-Ø15-Sp3	L=6000	zinc	15	25	232,1	52,638
289G-Ø19-Sp3	L=3000	zinc	19	25	122,6	34,276
289G-Ø19-Sp3	L=6000	zinc	19	25	240,0	52,638

Categoria commerciale: 1I



-Spina di collegamento per binario Art. 289 - Ø15
 -Connection pin for track Art. 289 - Ø15
 -Jonction pour rail Art. 289 - Ø15
 -Verbindungsstift zum Laufschiene Art. 289 - Ø15

290

📄	📏	🗺️	🗺️	🔒	€
290	90-Ø9	zinc	10	0,50	1,982

Categoria commerciale: 1I



-Spina di collegamento per binario Art. 289 - Ø19
 -Connection pin for track Art. 289 - Ø19
 -Jonction pour rail Art. 289 - Ø19
 -Verbindungsstift zum Laufschiene Art. 289 - Ø19

291

📄	📏	🗺️	🗺️	🔒	€
291	80-Ø12	zinc	10	0,80	1,982

Categoria commerciale: 1I



-Binario a cementare "Espresso"
-Track to be cemented "Espresso"
-Rail à sceller "Espresso"
-Laufschiene zum Einbetonieren "Espresso"

292

292	L=3000	zinc	26	289,9		89,186
292	L=6000	zinc	26	579,8		136,890

Categoria commerciale: 11



-Binario a fissare "Diretto"
-Track to be bolted "Diretto"
-Rail à visser "Diretto"
-Laufschiene zum Anschrauben "Diretto"

293

293	L=3000	zinc	25	112,5		41,707
293	L=6000	zinc	25	225,0		64,237

Categoria commerciale: 11



-Spina di collegamento per binario Art. 292
-Connection pin for track Art. 292
-Jonction pour rail Art. 292
-Verbindungsstift zum Art. 292

294

294	90-Ø17	zinc	10	1,60		1,982

Categoria commerciale: 11



-Spina di collegamento per binario Art. 293 - 287 Ø15
-Connection pin for track Art. 293 - 287 Ø15
-Jonction pour rail Art. 293 - 287 Ø15
-Verbindungsstift zum Art. 293 - 287 Ø15

295

295	90-Ø9,5	zinc	10	0,50		1,982

Categoria commerciale: 11



-Spina di collegamento per binario Art. 287G - sp 3-4 mm
-Connection pin for Art.287G 3-4 mm tick
-Jonction pour rail Art.287G ép. 3-4 mm
-Verbindungsstift zum Artikel 287G 3-4 mm Stärke

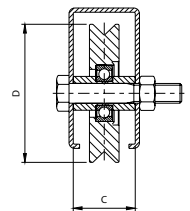
297

297	90-Ø12,5	zinc	Sp=3mm	10	0,90	1,928
297G	90-Ø11,0	zinc	Sp=4mm	10	0,70	1,982

Categoria commerciale: 11



-Ruota gola V
-Wheel with V groove
-Galet avec gorge V
-Schiebetorrolle mit V-Rille



300 W

1 CUSCINETTO
1 BEARING

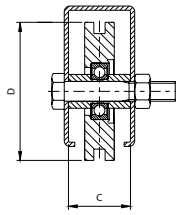
	D	C						
300V-40	Ø 40	16	zinc	50 Kg	50	5,3		7,656
300V-50	Ø 50	16	zinc	70 Kg	30	5,0		8,404
300V-60	Ø 60	24	zinc	100 Kg	12	3,6		8,765
300V-70	Ø 68	34	zinc	190 Kg	12	6,6		10,441
300V-80	Ø 78	34	zinc	200 Kg	10	7,1		11,596
300V-90	Ø 88	34	zinc	210 Kg	8	7,4		12,680
300V-100	Ø 98	34	zinc	220 Kg	8	9,3		15,910
300V-120	Ø 117	34	zinc	240 Kg	6	10,0		17,742
300V-140	Ø 137	44	zinc	270 Kg	2	5,3		24,238
300V-160	Ø 157	44	zinc	290 Kg	2	7,0		36,856
300V-200	Ø 197	44	zinc	330 Kg	2	11,2		53,040

Categoria commerciale: 1M



-Ruota gola U
-Wheel with U groove
-Galet avec gorge U
-Schiebetorrolle mit U-Rille

1 CUSCINETTO
1 BEARING



300 U

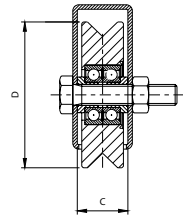
	D	C					€
300U-40	Ø 40	16	zinc	50 Kg	50	5,1	7,917
300U-50	Ø 50	16	zinc	70 Kg	30	4,8	8,666
300U-60	Ø 60	24	zinc	100 Kg	12	3,7	9,027
300U-70	Ø 68	34	zinc	190 Kg	12	6,5	10,673
300U-80	Ø 78	34	zinc	200 Kg	10	7,0	11,870
300U-90	Ø 88	34	zinc	210 Kg	8	7,4	12,556
300U-100	Ø 98	34	zinc	220 Kg	8	9,3	16,346
300U-120	Ø 117	34	zinc	240 Kg	6	10,0	17,543
300U-140	Ø 137	44	zinc	270 Kg	2	4,9	24,164
300U-160	Ø 157	44	zinc	290 Kg	2	6,6	37,767
300U-200	Ø 197	44	zinc	330 Kg	2	11,2	54,362

Categoria commerciale: 1M



-Ruota gola V
-Wheel with V groove
-Galet avec gorge V
-Schiebetorrolle mit V-Rille

2 CUSCINETTI
2 BEARINGS



305 V

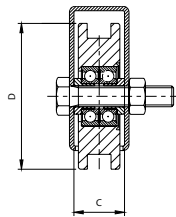
	D	C					€
305V-100	Ø98	34	zinc	425 Kg	8	11,7	21,196
305V-120	Ø117	34	zinc	450 Kg	6	12,6	25,548
305V-140	Ø137	44	zinc	550 Kg	2	6,6	35,136
305V-160	Ø157	44	zinc	575 Kg	2	9,2	49,886
305V-200	Ø197	44	zinc	625 Kg	2	14,8	66,244

Categoria commerciale: 1M



-Ruota gola U
-Wheel with U groove
-Galet avec gorge U
-Schiebetorrolle mit U-Rille

2 CUSCINETTI
2 BEARINGS



305 U

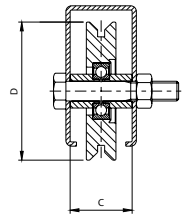
	D	C					€
305U-100	Ø98	34	zinc	425 Kg	8	10,7	21,720
305U-120	Ø117	34	zinc	450 Kg	6	12,8	26,159
305U-140	Ø137	44	zinc	550 Kg	2	6,6	35,984
305U-160	Ø157	44	zinc	575 Kg	2	8,5	50,634
305U-200	Ø197	44	zinc	625 Kg	2	14,0	67,878

Categoria commerciale: 1M



-Ruota gola Y con scarico
-Wheel with discharge Y groove
-Galet gorge Y avec décharge
-Schiebetorrolle mit Y-Rille

1 CUSCINETTO
1 BEARING



306 Y

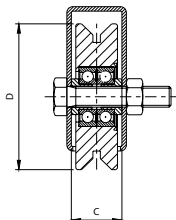
	D	C					€
306Y-60	Ø 60	24	zinc	100 Kg	12	3,5	8,965
306Y-80	Ø 78	34	zinc	200 Kg	10	6,9	11,870
306Y-90	Ø 88	34	zinc	210 Kg	8	7,1	12,992
306Y-100	Ø 98	34	zinc	220 Kg	8	8,9	16,309
306Y-120	Ø 117	34	zinc	240 Kg	6	10,0	17,543
306Y-140	Ø 137	44	zinc	270 Kg	2	5,2	24,164
306Y-160	Ø 157	44	zinc	290 Kg	2	6,9	37,767
306Y-200	Ø 197	44	zinc	330 Kg	2	11,3	54,362

Categoria commerciale: 1M



-Ruota gola Y con scarico
-Wheel with discharge Y groove
-Galet gorge Y avec décharge
-Schiebetorrolle mit Y-Rille

2 CUSCINETTI
2 BEARINGS



307 Y

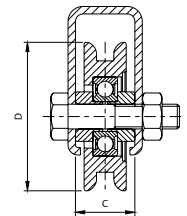
	D	C					€
307Y-100	Ø 98	34	zinc	400 Kg	8	11,4	21,720
307Y-120	Ø 117	34	zinc	420 Kg	6	12,5	26,159
307Y-140	Ø 137	44	zinc	540 Kg	2	6,6	35,984
307Y-160	Ø 157	44	zinc	560 Kg	2	9,2	50,634
307Y-200	Ø 197	44	zinc	600 Kg	2	14,8	67,815

Categoria commerciale: 1M



-Ruota gola Y raccordata
-Wheel with Y-rounded groove
-Galet avec gorge Y arrondie
-Schiebetorrolle mit Y-Rille abgerundeter führung

1 CUSCINETTO
1 BEARING



308 Y

	D	C					€
308-50	Ø 50	24	zinc	100 Kg	12	2,5	11,172
308-60	Ø 60	24	zinc	100 Kg	12	3,5	11,645
308-80	Ø 78	34	zinc	200 Kg	10	5,5	13,952

Categoria commerciale: 1M

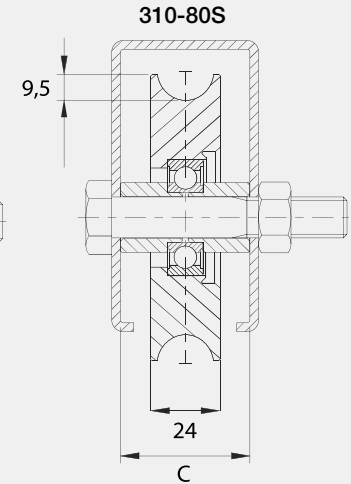
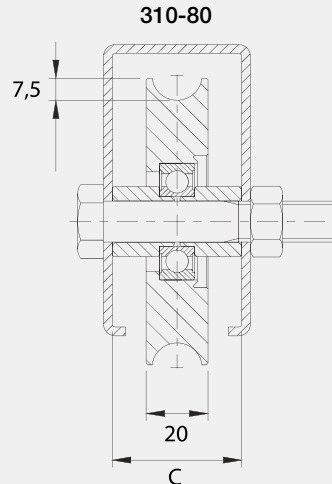


- Ruota gola semitonda
- Wheel with half-rounded groove
- Galet avec gorge demi-ronde
- Schiebetorrolle mit Rundrille

310 W 1 CUSCINETTO
1 BEARING

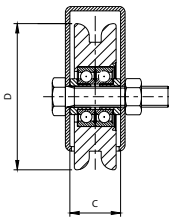
			C						€
310-40	Ø 40	-	16	zinc	50 Kg	50	5,1	7,656	
310-50	Ø 50	-	16	zinc	70 Kg	30	4,7	8,404	
310-60	Ø 60	-	24	zinc	100 Kg	12	4,1	8,765	
310-70	Ø 68	Ø15	34	zinc	190 Kg	12	5,8	10,411	
310-80	Ø 78	Ø15	34	zinc	200 Kg	10	6,4	11,596	
310-80S	Ø 78	Ø19	34	zinc	200 Kg	10	6,6	12,331	
310-90	Ø 88	Ø15	34	zinc	210 Kg	8	6,9	12,680	
310-90S	Ø 88	Ø19	34	zinc	210 Kg	8	6,9	13,391	
310-100	Ø 98	Ø15	34	zinc	220 Kg	8	8,6	15,947	
310-100S	Ø 98	Ø19	34	zinc	220 Kg	8	8,8	16,658	
310-120	Ø 117	Ø19	34	zinc	240 Kg	6	10,4	17,742	
310-140	Ø 137	Ø19	44	zinc	270 Kg	2	5,0	24,238	
310-160	Ø 157	Ø19	44	zinc	290 Kg	2	6,6	36,794	
310-200	Ø 197	Ø19	44	zinc	330 Kg	2	10,7	53,040	

Categoria commerciale: 1M



- Ruota gola Y raccordata
- Wheel with Y-rounded groove
- Galet avec gorge Y arrondie
- Schiebetorrolle mit Y-Rille abgerundeter führung

2 CUSCINETTI
2 BEARINGS



309 W

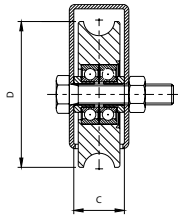
	D	C						€
309-80	Ø 78	34	zinc	380 Kg	10	8,1	20,199	
309-100	Ø 98	34	zinc	400 Kg	8	11,4	23,291	
309-120	Ø 117	34	zinc	420 Kg	6	11,5	27,867	
309-140	Ø 137	44	zinc	540 Kg	2	6,3	38,203	

Categoria commerciale: 1M



- Ruota gola semitonda
- Wheel with half-rounded groove
- Galet avec gorge demi-ronde
- Schiebetorrolle mit Rundrille

2 CUSCINETTI
2 BEARINGS



315 W

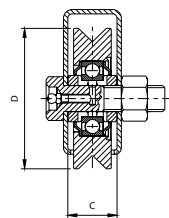
	D	C						€
315-100	Ø19	Ø 98	34	zinc	425 Kg	8	10,8	21,196
315-120	Ø19	Ø 117	34	zinc	450 Kg	6	11,9	25,548
315-140	Ø19	Ø 137	44	zinc	550 Kg	2	6,2	35,136
315-160	Ø19	Ø 157	44	zinc	575 Kg	2	8,9	49,886
315-200	Ø19	Ø 197	44	zinc	625 Kg	2	14,4	66,219

Categoria commerciale: 1M



- Ruota con ingrassatore gola V
- Grease gun wheel with V groove
- Galet à graisseur gorge V
- Schiebetorrolle V-Rille mit Schmiernippel

1 CUSCINETTO
1 BEARING



320 W

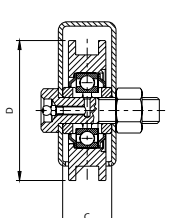
	D	C						€
320V-100	Ø 97	34	zinc	380 Kg	8	8,6	29,014	
320V-120	Ø 117	44	zinc	400 Kg	6	13,3	35,909	
320V-160	Ø 157	44	zinc	710 Kg	2	8,6	57,841	
320V-200	Ø 197	44	zinc	750 Kg	2	13,8	79,374	
320V-250	Ø 247	54	zinc	800 Kg	2	24,4	120,120	

Categoria commerciale: 1M



- Ruota con ingrassatore gola U
- Grease gun wheel with U groove
- Galet à graisseur gorge U
- Schiebetorrolle U-Rille mit Schmiernippel

1 CUSCINETTO
1 BEARING



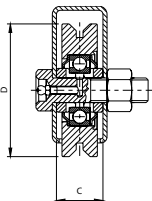
320 U

	D	C						€
320U-100	Ø 97	34	zinc	380 Kg	8	8,6	29,712	
320U-120	Ø 117	44	zinc	400 Kg	6	11,6	36,807	
320U-160	Ø 157	44	zinc	710 Kg	2	7,9	59,275	
320U-200	Ø 197	44	zinc	750 Kg	2	13,8	81,319	
320U-250	Ø 247	54	zinc	800 Kg	2	24,4	123,075	

Categoria commerciale: 1M



- Ruota con ingrassatore gola Y
- Grease gun wheel with Y groove
- Galet à graisseur gorge Y
- Schiebetorrolle Y-Rille mit Schmiernippel



320 Y

1 CUSCINETTO
1 BEARING

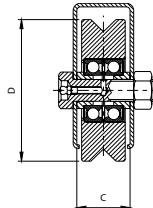


	D	C					€
320Y-100	Ø 97	34	zinc	380 Kg	8	8,6	30,248
320Y-120	Ø 117	44	zinc	400 Kg	6	11,6	37,280
320Y-160	Ø 157	44	zinc	710 Kg	2	7,8	59,275
320Y-200	Ø 197	44	zinc	750 Kg	2	13,8	81,319
320Y-250	Ø 247	54	zinc	800 Kg	2	24,4	123,075

Categoria commerciale: 1M



- Ruota con ingrassatore gola V
- Grease gun wheel with V groove
- Galet à graisseur gorge V
- Schiebetorrolle V-Rille mit Schmiernippel



322 W

2 CUSCINETTI
2 BEARINGS

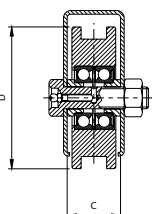


	D	C					€
322V-100	Ø 98	44	zinc	580 Kg	8	15,0	33,914
322V-100	Ø 98	54	zinc	580 Kg	8	15,0	33,914
322V-120	Ø 117	44	zinc	600 Kg	6	16,0	41,482
322V-120	Ø 117	54	zinc	600 Kg	6	16,3	41,482
322V-160	Ø 157	44	zinc	960 Kg	2	10,4	68,800
322V-160	Ø 157	54	zinc	960 Kg	2	10,6	68,800
322V-160	Ø 157	74	zinc	960 Kg	2	10,8	68,800
322V-200	Ø 197	44	zinc	1000 Kg	2	16,9	97,478
322V-200	Ø 197	54	zinc	1000 Kg	2	17,1	97,478
322V-200	Ø 197	74	zinc	1000 Kg	2	17,4	97,478
322V-250	Ø 247	72	zinc	1500 Kg	2	34,0	173,148

Categoria commerciale: 1M



- Ruota con ingrassatore gola U
- Grease gun wheel with U groove
- Galet à graisseur gorge U
- Schiebetorrolle U-Rille mit Schmiernippel



322 U

2 CUSCINETTI
2 BEARINGS

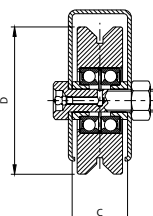


	D	C					€
322U-100	Ø 98	44	zinc	580 Kg	8	13,7	34,749
322U-100	Ø 98	54	zinc	580 Kg	8	15,0	34,749
322U-120	Ø 117	44	zinc	600 Kg	6	16,1	42,480
322U-120	Ø 117	54	zinc	600 Kg	6	16,1	42,480
322U-160	Ø 157	44	zinc	960 Kg	2	10,4	70,484
322U-160	Ø 157	54	zinc	960 Kg	2	10,6	70,484
322U-160	Ø 157	74	zinc	960 Kg	2	10,9	70,484
322U-200	Ø 197	44	zinc	1000 Kg	2	16,9	99,884
322U-200	Ø 197	54	zinc	1000 Kg	2	17,1	99,884
322U-200	Ø 197	74	zinc	1000 Kg	2	16,4	99,884
322U-250	Ø 247	72	zinc	1500 Kg	2	34,0	177,400

Categoria commerciale: 1M



- Ruota con ingrassatore gola Y
- Grease gun wheel with Y groove
- Galet à graisseur gorge Y
- Schiebetorrolle Y-Rille mit Schmiernippel



322 Y

2 CUSCINETTI
2 BEARINGS

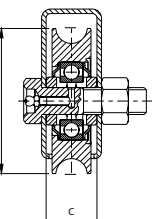


	D	C					€
322Y-100	Ø 98	44	zinc	580 Kg	8	15,0	34,749
322Y-100	Ø 98	54	zinc	580 Kg	8	15,0	34,749
322Y-120	Ø 117	44	zinc	600 Kg	6	16,1	42,480
322Y-120	Ø 117	54	zinc	600 Kg	6	16,4	42,480
322Y-160	Ø 157	44	zinc	960 Kg	2	10,4	70,496
322Y-160	Ø 157	54	zinc	960 Kg	2	10,6	70,496
322Y-160	Ø 157	74	zinc	960 Kg	2	10,9	70,496
322Y-200	Ø 197	44	zinc	1000 Kg	2	16,9	78,264
322Y-200	Ø 197	54	zinc	1000 Kg	2	17,1	78,264
322Y-200	Ø 197	74	zinc	1000 Kg	2	17,4	78,264
322Y-250	Ø 247	72	zinc	1500 Kg	2	33,8	177,450

Categoria commerciale: 1M



- Ruota con ingrassatore gola semitonda
- Grease gun wheel with half-rounded groove
- Galet à graisseur avec gorge demi-ronde
- Schiebetorrolle mit Rundrille und Schmiernippel



323 W

1 CUSCINETTO
1 BEARING

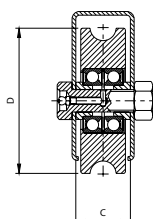


	D	C					€
323-100	Ø19 Ø 97	34	zinc	380 Kg	8	9,7	29,986
323-120	Ø19 Ø 117	44	zinc	400 Kg	6	12,4	36,158
323-160	Ø19 Ø 157	44	zinc	710 Kg	2	8,2	58,103
323-200	Ø19 Ø 197	44	zinc	750 Kg	2	13,3	78,713
323-250	Ø19 Ø 247	54	zinc	800 Kg	2	24,4	120,831

Categoria commerciale: 1M



- Ruota con ingrassatore gola semitonda
- Grease gun wheel with half-rounded groove
- Galet à graisseur avec gorge demi-ronde
- Schiebetorrolle mit Rundrille und Schmiernippel



324 W

2 CUSCINETTI
2 BEARINGS

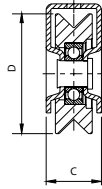


	D	C					€
324-100	Ø19 Ø 98	44	zinc	580 Kg	8	13,8	35,759
324-100	Ø19 Ø 98	54	zinc	580 Kg	8	13,8	35,759
324-120	Ø19 Ø 117	44	zinc	600 Kg	6	16,1	43,228
324-120	Ø19 Ø 117	54	zinc	600 Kg	6	15,6	43,228
324-160	Ø19 Ø 157	44	zinc	960 Kg	2	10,1	71,967
324-160	Ø19 Ø 157	54	zinc	960 Kg	2	10,6	71,967
324-160	Ø19 Ø 157	74	zinc	960 Kg	2	10,9	71,967
324-200	Ø19 Ø 197	44	zinc	1000 Kg	2	16,9	100,333
324-200	Ø19 Ø 197	54	zinc	1000 Kg	2	16,7	100,333
324-200	Ø19 Ø 197	74	zinc	1000 Kg	2	17,4	100,333
324-250	Ø19 Ø 247	72	zinc	1500 Kg	2	34,0	177,874

Categoria commerciale: 1M



-Ruota con supporto esterno gola V
-Wheel with external support , V groove
-Galet avec support extérieur, gorge V
-Schiebetorrolle mit Außenstützplatte und V-Rille



325 W

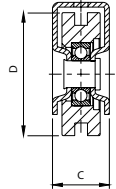
1 CUSCINETTO
1 BEARING

	D	C						€
325V-60	Ø 60	25	zinc	100 Kg	12	4,7		12,992
325V-80	Ø 78	36	zinc	200 Kg	6	5,8		16,670
325V-90	Ø 88	40	zinc	210 Kg	10	2,8		21,552
325V-100	Ø 98	40	zinc	220 Kg	10	2,8		23,139

Categoria commerciale: 1M



-Ruota con supporto esterno gola U
-Wheel with external support , U groove
-Galet avec support extérieur, gorge U
-Schiebetorrolle mit Außenstützplatte und U-Rille



325 U

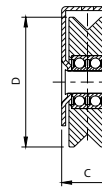
1 CUSCINETTO
1 BEARING

	D	C						€
325U-60	Ø 60	25	zinc	100 Kg	12	4,7		12,992
325U-80	Ø 78	36	zinc	200 Kg	6	5,8		16,670

Categoria commerciale: 1M



-Ruota con supporto esterno gola V
-Wheel with external support, V groove
-Galet avec support extérieur, gorge V
-Schiebetorrolle mit Außenstützplatte und V-Rille



326 W

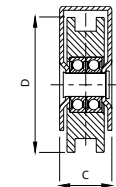
2 CUSCINETTI
2 BEARINGS

	D	C						€
326V-100	Ø 98	39	zinc	400 Kg	6	11,1		24,027

Categoria commerciale: 1M



-Ruota con supporto esterno gola U
-Wheel with external support, U groove
-Galet avec support extérieur, gorge U
-Schiebetorrolle mit Außenstützplatte und U-Rille



326 U

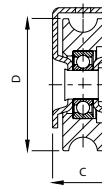
2 CUSCINETTI
2 BEARINGS

	D	C						€
326U-100	Ø 98	39	zinc	400 Kg	6	11,2		24,027

Categoria commerciale: 1M



-Ruota con supporto esterno gola semitonda
-Wheel with external support, half-rounded groove
-Galet avec support extérieur, gorge demi-ronde
-Schiebetorrolle mit Außenstützplatte und Rundrille



327 W

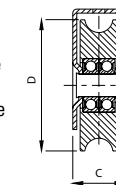
1 CUSCINETTO
1 BEARING

		D	C					€
327-60	-	Ø 60	25	zinc	100 Kg	12	5,1	12,992
327-80	Ø 15	Ø 78	36	zinc	200 Kg	6	5,6	17,044
327-80S	Ø 19	Ø 78	36	zinc	200 Kg	6	5,0	17,044

Categoria commerciale: 1M



-Ruota con supporto esterno gola semitonda
-Wheel with external support, half-rounded groove
-Galet avec support extérieur, gorge demi-ronde
-Schiebetorrolle mit Außenstützplatte und Rundrille



328 W

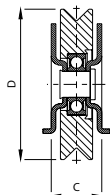
2 CUSCINETTI
2 BEARINGS

		D	C					€
328-100	Ø 19	Ø 98	39	zinc	400 Kg	6	10,5	24,027

Categoria commerciale: 1M



-Ruota con piastre gola V
-Wheel with external plates, V groove
-Galet avec platine extérieure, gorge V
-Schiebetorrolle mit Außenplatten und V-Rille



330 W

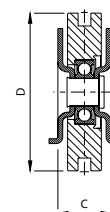
1 CUSCINETTO
1 BEARING

	D	C						€
330V-60	Ø 60	24	zinc	100 Kg	12	4,0		11,645
330V-70	Ø 68	29	zinc	170 Kg	6	3,4		13,017
330V-80	Ø 78	29	zinc	180 Kg	6	4,4		14,339
330V-90	Ø 88	32	zinc	190 Kg	6	6,0		15,473
330V-100	Ø 98	33	zinc	200 Kg	6	7,8		16,521
330V-120	Ø 117	33	zinc	220 Kg	2	4,3		21,109
330V-140	Ø 137	33	zinc	240 Kg	2	6,1		27,642

Categoria commerciale: 1M



-Ruota con piastre gola U
-Wheel with external plates, U groove Galet
-Gavec avec platine extérieure, gorge U
-Schiebetorrolle mit Außenstützplatte und U-Rille



330 U

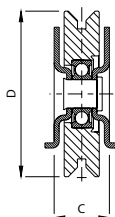
1 CUSCINETTO
1 BEARING

	D	C						€
330U-60	Ø 60	24	zinc	100 Kg	12	4,0		12,069
330U-70	Ø 68	29	zinc	170 Kg	6	3,4		14,189
330U-80	Ø 78	29	zinc	180 Kg	6	4,4		14,700
330U-90	Ø 88	32	zinc	190 Kg	6	6,5		15,935
330U-100	Ø 98	33	zinc	200 Kg	6	7,9		16,932
330U-120	Ø 117	33	zinc	220 Kg	2	3,9		21,633
330U-140	Ø 137	33	zinc	240 Kg	2	6,1		28,079

Categoria commerciale: 1M



-Ruota con piastre gola Y
-Wheel with external plates, Y groove
-Galet avec platine extérieure, gorge Y
-Schiebetorrolle mit Außenstützplatte und Y-Rille



330 Y

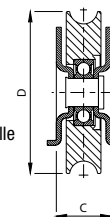
1 CUSCINETTO
1 BEARING

	D	C						€
330Y-60	Ø 60	24	zinc	100 Kg	12	4,0		11,932
330Y-70	Ø 68	29	zinc	170 Kg	6	3,3		13,877
330Y-80	Ø 78	29	zinc	180 Kg	6	4,3		14,700
330Y-90	Ø 88	32	zinc	190 Kg	6	5,8		15,860
330Y-100	Ø 98	33	zinc	200 Kg	6	7,7		16,932
330Y-120	Ø 117	33	zinc	220 Kg	2	4,3		21,633
330Y-140	Ø 137	33	zinc	240 Kg	2	5,9		28,079

Categoria commerciale: 1M



-Ruota con piastre gola semitonda
-Wheel with external plates, half-rounded groove
-Galet avec platine extérieure, gorge demi-ronde
-Schiebetorrolle mit Außenstützplatte und Rundrille



332 W

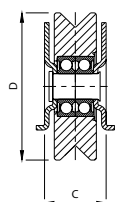
1 CUSCINETTO
1 BEARING

	D	C						€
332-60	-	Ø 60	24	zinc	100 Kg	12	4,0	12,194
332-70	Ø15	Ø 68	29	zinc	170 Kg	6	3,3	13,840
332-80	Ø15	Ø 78	29	zinc	180 Kg	6	4,1	14,339
332-80S	Ø19	Ø 78	32	zinc	180 Kg	6	4,1	15,062
332-90	Ø15	Ø 88	32	zinc	190 Kg	6	5,7	15,910
332-90S	Ø19	Ø 88	32	zinc	190 Kg	6	5,7	16,645
332-100	Ø15	Ø 98	32	zinc	200 Kg	6	7,4	17,107
332-100S	Ø19	Ø 98	32	zinc	200 Kg	6	7,6	17,917
332-120	Ø19	Ø 117	33	zinc	220 Kg	2	4,0	20,984
332-140	Ø19	Ø 137	33	zinc	240 Kg	2	5,7	27,655

Categoria commerciale: 1M



-Ruota con piastre gola V
-Wheel with external plates, V groove
-Galet avec platine extérieure, gorge V
-Schiebetorrolle mit Außenstützplatte und V-Rille



333 V

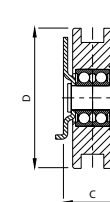
2 CUSCINETTI
2 BEARINGS

	D	C						€
333V-100	Ø 98	41	zinc	380 Kg	6	9,9		21,508
333V-120	Ø 117	41	zinc	400 Kg	2	4,9		28,141
333V-140	Ø 137	41	zinc	420 Kg	2	6,9		35,909

Categoria commerciale: 1M



-Ruota con piastre gola U
-Wheel with external plates, U groove
-Galet avec platine extérieure, gorge U
-Schiebetorrolle mit Außenstützplatte und U-Rille



333 U

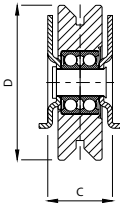
2 CUSCINETTI
2 BEARINGS

	D	C						€
333U-100	Ø 98	41	zinc	380 Kg	6	9,3		22,032
333U-120	Ø 117	41	zinc	400 Kg	2	4,6		28,827
333U-140	Ø 137	41	zinc	420 Kg	2	6,2		36,794

Categoria commerciale: 1M



-Ruota con piastre gola Y
-Wheel with external plates, Y groove
-Galet avec support extérieur, gorge Y
-Schiebetorrolle mit Außenstützplatte und Y-Rille



333 W

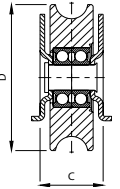
2 CUSCINETTI
2 BEARINGS

	D	C					€
333Y-100	Ø 98	41	zinc	380 Kg	6	9,7	22,032
333Y-120	Ø 117	41	zinc	400 Kg	2	4,8	28,827
333Y-140	Ø 137	41	zinc	420 Kg	2	6,8	36,919

Categoria commerciale: 1M



-Ruota con piastre gola semitonda
-Wheel with external plates, half-rounded groove
-Galet avec support extérieur, gorge demi-ronde
-Schiebetorrolle mit Außenstützplatte und Rundrille



334 W

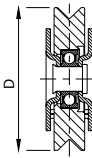
2 CUSCINETTI
2 BEARINGS

	D	C					€
334-100	Ø19 Ø 98	41	zinc	380 Kg	6	9,2	23,665
334-120	Ø19 Ø 117	41	zinc	400 Kg	2	4,6	27,917
334-140	Ø19 Ø 137	41	zinc	420 Kg	2	6,6	36,644

Categoria commerciale: 1M



-Ruota con supporto interno gola V
-Wheel with internal plate, V groove
-Galet avec platine interne, gorge V
-Schiebetorrolle mit Innenstützplatte und V-Rille



335 W

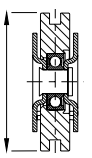
1 CUSCINETTO
1 BEARING

	D	C					€
335V-80	Ø78	32	zinc	180 Kg	6	4,8	14,887
335V-90	Ø88	32	zinc	190 Kg	6	6,6	16,870
335V-100	Ø98	32	zinc	200 Kg	6	8,1	19,014
335V-120	Ø117	37	zinc	220 Kg	2	4,5	28,166
335V-140	Ø137	40	zinc	240 Kg	2	6,1	33,103

Categoria commerciale: 1M



-Ruota con supporto interno gola U
-Wheel with external plates, U groove
-Galet avec platine interne, gorge U
-Schiebetorrolle mit Außenstützplatte und Rundrille



335 U

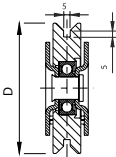
1 CUSCINETTO
1 BEARING

	D	C					€
335U-80	Ø78	32	zinc	180 Kg	6	4,8	15,249
335U-90	Ø88	32	zinc	190 Kg	6	6,7	17,281
335U-100	Ø98	32	zinc	200 Kg	6	8,0	19,401
335U-120	Ø117	37	zinc	220 Kg	2	4,1	28,864
335U-140	Ø137	40	zinc	240 Kg	2	5,8	33,914

Categoria commerciale: 1M



-Ruota con supporto interno gola Y
-Wheel with external plates, Y groove
-Galet avec platine interne, gorge Y
-Schiebetorrolle mit Außenstützplatte und Rundrille



335 W

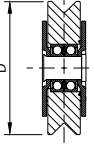
1 CUSCINETTO
1 BEARING

	D	C					€
335Y-80	Ø78	32	zinc	180 Kg	6	4,7	15,398
335Y-90	Ø88	32	zinc	190 Kg	6	6,5	17,281
335Y-100	Ø98	32	zinc	200 Kg	6	7,8	19,401
335Y-120	Ø117	37	zinc	220 Kg	2	4,3	28,864
335Y-140	Ø137	40	zinc	240 Kg	2	6,0	29,662

Categoria commerciale: 1M



-Ruota con supporto interno gola V
-Wheel with internal plate, V groove
-Galet avec platine interne, gorge V
-Schiebetorrolle mit innenstützplatte und V-Rille



336 W

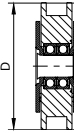
2 CUSCINETTI
2 BEARINGS

	D	C					€
336V-90	Ø88	32	zinc	300 Kg	6	7,6	21,882
336V-100	Ø98	32	zinc	380 Kg	6	9,2	24,962
336V-120	Ø117	37	zinc	400 Kg	2	5,0	35,073
336V-140	Ø137	40	zinc	420 Kg	2	7,0	44,637
336V-160	Ø157	42	zinc	640 Kg	2	10,6	60,883
336V-200	Ø197	42	zinc	700 Kg	2	16,8	77,354

Categoria commerciale: 1M



-Ruota con piastre gola U
-Wheel with external plates, U groove
-Galet avec platine extérieure, gorge U
-Schiebetorrolle mit Außenstützplatte und U-Rille



336 U

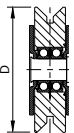
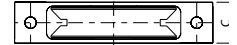
2 CUSCINETTI
2 BEARINGS

	D	C						€
336U-90	Ø88	32	zinc	300 Kg	6	6,8		22,418
336U-100	Ø98	32	zinc	380 Kg	6	8,1		25,585
336U-120	Ø117	37	zinc	400 Kg	2	4,5		35,971
336U-140	Ø137	40	zinc	420 Kg	2	6,3		45,734
336U-160	Ø157	42	zinc	640 Kg	2	9,8		62,392
336U-200	Ø197	42	zinc	700 Kg	2	16,8		79,261

Categoria commerciale: 1M



-Ruota con supporto interno gola Y
-Wheel with internal plate, Y groove
-Galet avec platine interne, gorge Y
-Schiebetorrolle mit innenstützplatte und Y-Rille



336 Y

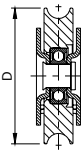
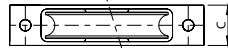
2 CUSCINETTI
2 BEARINGS

	D	C						€
336Y-90	Ø88	32	zinc	300 Kg	6	7,2		22,418
336Y-100	Ø98	32	zinc	380 Kg	6	8,7		25,585
336Y-120	Ø117	37	zinc	400 Kg	2	4,9		35,921
336Y-140	Ø137	40	zinc	420 Kg	2	6,9		45,734
336Y-160	Ø157	42	zinc	640 Kg	2	10,5		62,379
336Y-200	Ø197	42	zinc	700 Kg	2	16,7		78,214

Categoria commerciale: 1M



-Ruota supporto interno gola semitonda
-Wheel with internal plate, half-rounded groove
-Galet avec platine interne, gorge demi-ronde
-Schiebetorrolle mit Rundrille und Innenstützplatte



337 W

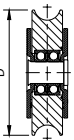
1 CUSCINETTO
1 BEARING

	D	C						€
337-80	Ø15	Ø78	32	zinc	180 Kg	6	4,4	15,536
337-80S	Ø19	Ø78	32	zinc	180 Kg	6	4,5	16,246
337-90	Ø15	Ø88	32	zinc	190 Kg	6	6,3	16,832
337-90S	Ø19	Ø88	32	zinc	190 Kg	6	6,4	17,593
337-100	Ø15	Ø98	32	zinc	200 Kg	6	7,6	18,653
337-100S	Ø19	Ø98	32	zinc	200 Kg	6	7,8	19,401
337-120	Ø19	Ø117	37	zinc	220 Kg	2	4,2	26,994
337-140	Ø19	Ø137	40	zinc	240 Kg	2	5,8	32,206

Categoria commerciale: 1M



-Ruota supporto interno gola semitonda a 2 cuscinetti
-Wheel with internal plate, half-rounded groove and 2 bearings
-Galet avec platine interne, gorge demi-ronde et 2 roulements
-Schiebetorrolle mit Rundrille, Innenstützplatte und 2 Kugellagern



338 W

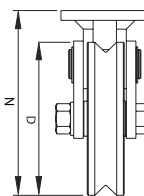
2 CUSCINETTI
2 BEARINGS

	D	C						€
338-90	Ø19	Ø88	32	zinc	300 Kg	6	7,2	23,266
338-100	Ø19	Ø98	32	zinc	380 Kg	6	8,7	26,732
338-120	Ø19	Ø117	37	zinc	400 Kg	2	4,7	34,263
338-140	Ø19	Ø137	40	zinc	420 Kg	2	6,7	44,774
338-160	Ø19	Ø157	42	zinc	640 Kg	2	10,1	60,683
338-200	Ø19	Ø197	42	zinc	700 Kg	2	16,3	75,945

Categoria commerciale: 1M



-Ruote combinate gola V con ingrassatore
-Grease gun twin wheels V groove
-Galets combinés avec graisseur, gorge V
-Verknüpfte Schiebetorrollen mit V-Rille und Schmiernippel



339 V

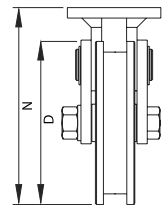
2 CUSCINETTI
2 BEARINGS

	D	N						€
339V-120	Ø117	170	Ø19	zinc	1200 Kg	2	20,1	173,634
339V-160	Ø157	190	Ø19	zinc	1920 Kg	2	30,5	227,124

Categoria commerciale: 1M



-Ruote combinate gola U con ingrassatore
-Grease gun twin wheels U groove
-Galets combinés avec graisseur, gorge U
-Verknüpfte Schiebetorrollen mit U-Rille und Schmiernippel



339 U

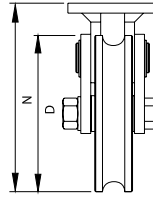
2 CUSCINETTI
2 BEARINGS

	D	N						€
339U-120	Ø117	170	Ø19	zinc	1200 Kg	2	20,1	175,355
339U-160	Ø157	190	Ø19	zinc	1920 Kg	2	29,9	228,844

Categoria commerciale: 1M



- Ruote combinate gola semitonda con ingrassatore
- Grease gun twin wheels half-rounded groove
- Galets combinés avec graisseur, gorge demi-ronde
- Verknüpfte Schiebetorrollen mit Rundrille und Schmiernippel



339 W

2 CUSCINETTI
2 BEARINGS

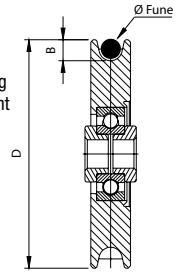


	D	N						€
339-120	Ø117	170	Ø19	zinc	1200 Kg	2	20,5	172,400
339-160	Ø157	190	Ø19	zinc	1920 Kg	2	30,4	225,889
339-250	Ø247	281	Ø19	zinc	3000 Kg	1	43,0	726,298

Categoria commerciale: 1M



- Ruota per fune gola semitonda a 1 cuscinetto
- Wheel for rope, half-rounded groove and 1 bearing
- Galet pour corde, gorge demi-ronde et 1 roulement
- Rolle für seil, Rundrille und 1 Kugellager



340 W

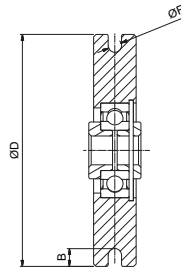
1 CUSCINETTO
1 BEARING

	D	B						€
340-60	Ø58	7	zinc	100 Kg	12	2,3		7,469
340-80	Ø78	9	zinc	200 Kg	12	4,7		10,012
340-100	Ø98	9	zinc	220 Kg	10	7,6		13,167
340-120	Ø117	9	zinc	240 Kg	8	9,2		14,974

Categoria commerciale: 1M



- Ruota per fune in nylon gola semitonda a 1 cuscinetto
- Nylon wheel for rope, half-rounded groove and 1 bearing
- Galet pour corde en nylon, gorge demi-ronde et 1 roulement
- Nylon-rolle für seil, Rundrille und 1 Kugellager



342 W

1 CUSCINETTO
1 BEARING

	D	B	F					€
342-80	Ø79	7	Ø6	50 Kg	12	1,8		17,598
342-90	Ø89	7	Ø6	60 Kg	10	1,8		20,966
342-100	Ø98	7,5	Ø5	70 Kg	10	1,9		19,327

Categoria commerciale: 1M

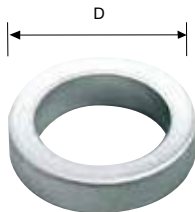


- Cuscinetto a sfere assiale tornito e cementato
- Turned ball bearing
- Roulement à billes tourné et scellé
- Axialkugellager

400

	D				€
400-9	Ø15	zinc	100	0,4	0,990
400-10	Ø17,5	zinc	100	0,6	0,990
400-11	Ø19	zinc	100	0,8	1,592
400-12	Ø20	zinc	100	0,9	1,592
400-14	Ø22	zinc	100	1,0	1,592
400-16,5	Ø27	zinc	100	1,5	2,407
400-20	Ø32	zinc	100	4,2	2,795

Categoria commerciale: 1E

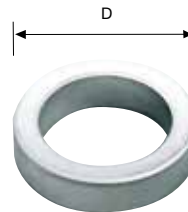


- Rondella in acciaio Zincato e Sinterizzato
- Galvanized and sintered steel washer
- Rondelle en acier zingué et fritté
- Gesinterter Stahlzwischenring

401S

	D				€
401S-12	Ø20	zinc	50	0,5	0,288
401S-14	Ø22	zinc	50	0,6	0,426
401S-20	Ø28	zinc	50	0,8	0,577

Categoria commerciale: 1E

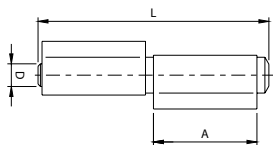


- Rondella in acciaio Zincato
- Galvanized and sintered steel washer
- Rondelle en acier zingué
- Gesinterter Stahlzwischenring

401Z

	D				€
401Z-6	Ø9	zinc	200	6,6	0,075
401Z-8	Ø12	zinc	200	0,2	0,150
401Z-9	Ø13	zinc	200	0,2	0,163
401Z-10	Ø15	zinc	200	0,4	0,163
401Z-11	Ø15	zinc	200	0,4	0,163
401Z-12	Ø18	zinc	200	0,6	0,251
401Z-14	Ø19	zinc	200	0,6	0,276

Categoria commerciale: 1E



- Cerniera a 2 ali con perno sfilabile
- Hinge with 2 wings and extractable pivot
- Paumelle avec 2 ailes et pivot à déboîter
- Anschweißband 2-teilig mit loseem Zapfen

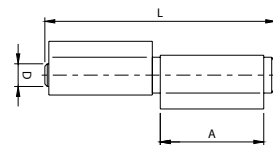
Perno Zincato

402

	L	A	D					€
402-60	58	26	Ø5,7	40	50 Kg*	40	1,5	0,451
402-80	83	38	Ø7,7	40	75 Kg*	50	4,0	0,602
402-100	104	48	Ø8,7	40	100 Kg*	50	5,7	0,777
402-120	122	57	Ø9,8	40	150 Kg*	40	7,2	0,978
402-140	144	68	Ø10,7	40	200 Kg*	40	9,4	1,191

* valore portata a coppia L/H=1 / capacity of couple hinges L/H=1

Categoria commerciale: 1E



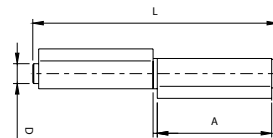
- Cerniera a 2 ali con perno sfilabile
- Hinge with 2 wings and extractable pivot
- Paumelle avec 2 ailes et pivot à déboîter
- Anschweißband 2-teilig mit loseem Zapfen

402Z

	L	A	D					€
402Z-60	58	26	Ø5,7	zinc	50 Kg*	40	1,6	0,526
402Z-80	83	38	Ø7,7	zinc	75 Kg*	50	4,0	0,664
402Z-100	104	48	Ø8,7	zinc	100 Kg*	50	5,7	0,865
402Z-120	122	57	Ø9,8	zinc	150 Kg*	40	7,2	1,078
402Z-140	144	68	Ø10,7	zinc	200 Kg*	40	9,4	1,341

* valore portata a coppia L/H=1 / capacity of couple hinges L/H=1

Categoria commerciale: 1E



- Cerniera pesante a 2 ali con perno sfilabile
- Heavy hinge with 2 wings and extractable pivot
- Paumelle lourde avec 2 ailes et pivot à déboîter
- Anschweißband 2-teilig schwere Ausführung mit loseem Zapfen

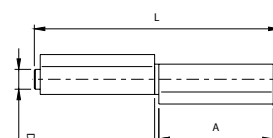
Perno Zincato

405

	L	A	D					€
405-140	145	68	Ø11,7	250 Kg*	20	5,8	1,767	
405-170	174	83	Ø11,7	250 Kg*	20	7,0	2,056	
405-200	205	98	Ø13,6	350 Kg*	14	7,2	2,482	

* valore portata a coppia L/H=1 / capacity of couple hinges L/H=1

Categoria commerciale: 1E



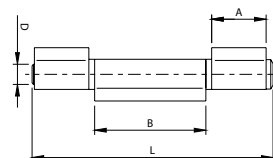
- Cerniera pesante a 2 ali con perno sfilabile
- Heavy hinge with 2 wings and extractable pivot
- Paumelle lourde avec 2 ailes et pivot à déboîter
- Anschweißband 2-teilig schwere Ausführung mit loseem Zapfen

405Z

	L	A	D					€
405Z-140	145	68	Ø11,7	zinc	250 Kg*	20	5,8	1,968
405Z-170	174	83	Ø11,7	zinc	250 Kg*	20	7,0	2,281
405Z-200	205	98	Ø13,6	zinc	350 Kg*	14	7,2	2,745

* valore portata a coppia L/H=1 / capacity of couple hinges L/H=1

Categoria commerciale: 1E



- Cerniera a 3 ali con perno sfilabile
- Hinge with 3 wings and extractable pivot
- Paumelle avec 3 ailes et pivot à déboîter
- Anschweißband 3-teilig mit loseem Zapfen

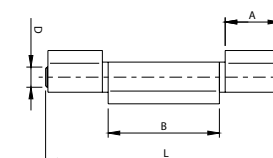
Perno Zincato

410

	L	A	B	D				€
410-80	83	18	38	Ø77	75 Kg*	50	3,9	0,865
410-100	104	23,5	48	Ø8,7	100 Kg*	50	5,7	0,953
410-120	122	27	57	Ø9,8	150 Kg*	40	7,2	1,279
410-140	144	33	68	Ø10,7	200 Kg*	40	9,5	1,341

* valore portata a coppia L/H=1 / capacity of couple hinges L/H=1

Categoria commerciale: 1E



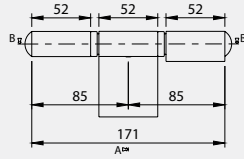
- Cerniera a 3 ali con perno sfilabile
- Hinge with 3 wings and extractable pivot
- Paumelle avec 3 ailes et pivot à déboîter
- Anschweißband 3-teilig mit loseem Zapfen

410Z

	L	A	B	D				€	
410Z-80	83	18	38	Ø77	zinc	75 Kg*	50	3,9	0,965
410Z-100	104	23,5	48	Ø8,7	zinc	100 Kg*	50	5,8	1,053
410Z-120	122	27	57	Ø9,8	zinc	150 Kg*	40	7,3	1,404
410Z-140	144	33	68	Ø10,7	zinc	200 Kg*	40	9,6	1,479

* valore portata a coppia L/H=1 / capacity of couple hinges L/H=1

Categoria commerciale: 1E



- Cerniera a 3 ali anticasso con perno e tappi in acciaio inox
- Antitheft 3 wings hinge with s/s pivot and plugs
- Paumelle antivol à 3 ailes avec pivot et bouchons en inox
- Einbruchssicheres Anschweißband 3-teilig mit Zapfen und Pfropfen aus Edelstahl

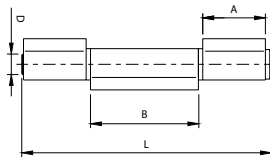
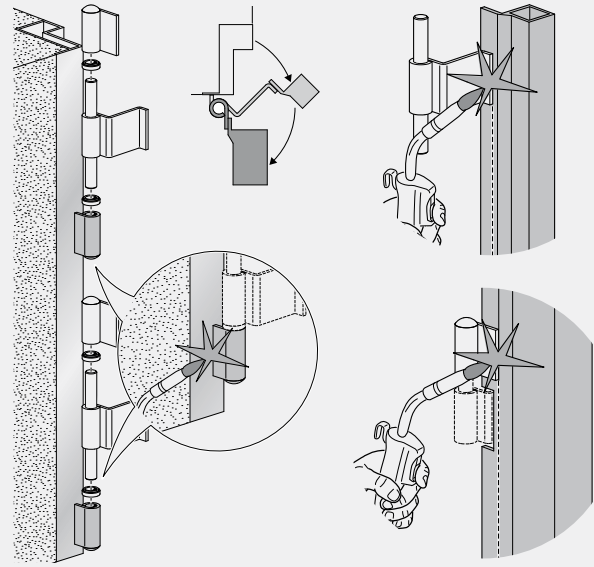
Perno e tappi INOX

411 Tris

411-170	400 Kg*	10	7,0
			19,942

* valore portata a coppia L/H=1 / capacity of couple hinges L/H=1

Categoria commerciale: 1E



- Cerniera pesante a 3 ali con perno sfilabile
- Heavy hinge with 3 wings and extractable pivot
- Paumelle lourde avec 3 ailes et pivot à déboîter
- Anschweißband 3-teilig schwere Ausführung mit losem Zapfen

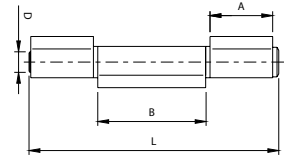
Perno Zincato

415

415-140	145	36	62	Ø11,7	250 Kg*	20	5,9
415-170	174	44	75	Ø11,7	250 Kg*	20	7,0
415-200	205	52	89	Ø13,6	350 Kg*	16	8,2

* valore portata a coppia L/H=1 / capacity of couple hinges L/H=1

Categoria commerciale: 1E



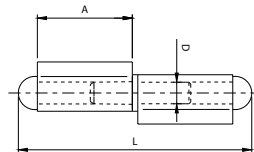
- Cerniera pesante a 3 ali con perno sfilabile
- Heavy hinge with 3 wings and extractable pivot
- Paumelle lourde avec 3 ailes et pivot à déboîter
- Anschweißband 3-teilig schwere Ausführung mit losem Zapfen

415Z

415Z-140	145	36	62	Ø11,7	zinc 250 Kg*	20	9,9
415Z-170	174	44	75	Ø11,7	zinc 250 Kg*	20	7,0
415Z-200	205	52	89	Ø13,6	zinc 350 Kg*	16	8,2

* valore portata a coppia L/H=1 / capacity of couple hinges L/H=1

Categoria commerciale: 1E



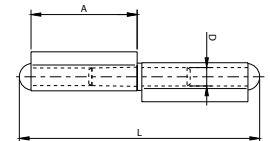
- Cerniera a 2 ali con tappo saldato
- Plug welded hinge with 2 wings
- Paumelle à 2 ailes avec bouchon soudé
- Anschweißband 2-teilig mit Anschweißpfropfen

420

420-60	64	26	Ø5,8	50 Kg*	40	1,3
420-80	89,5	38	Ø7,8	75 Kg*	50	3,2
420-100	110	48	Ø8,7	100 Kg*	50	4,4
420-120	130	57	Ø9,8	150 Kg*	50	7,0
420-140	152	68	Ø10,8	200 Kg*	50	9,0

* valore portata a coppia L/H=1 / capacity of couple hinges L/H=1

Categoria commerciale: 1E



- Cerniera pesante a 2 ali con tappo saldato
- Heavy plug welded hinge with 2 wings
- Paumelle lourde à 2 ailes avec bouchon soudé
- Anschweißband 2-teilig schwere Ausführung mit Pfropfen

425

425-140	154	68	Ø11,8	250 Kg*	20	4,5
425-170	184,5	83	Ø11,8	250 Kg*	20	5,2
425-200	217,5	98	Ø13,8	350 Kg*	20	7,8

* valore portata a coppia L/H=1 / capacity of couple hinges L/H=1

Categoria commerciale: 1E



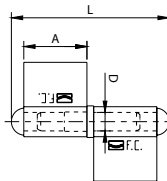
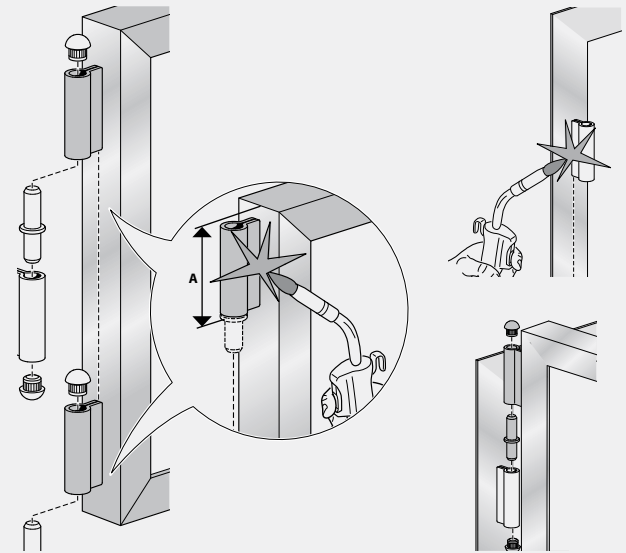
- Cerniera 2 ali pesante smontata perno e tappi zincati
- Heavy hinge with 2 wings and disassembled galvanised pivot and plugs
- Paumelle lourde à 2 ailes avec pivot et bouchons zingués et démontés
- Anschweißband 2-teilig schwere Ausführung mit verzinkter ausgebauter Zapfen und Pfropfen

425PS

	L	A	D				€
425PS-140	154	68	Ø11,8	250 Kg*	50	13,5	3,151
425PS-170	184,5	83	Ø11,8	250 Kg*	50	13,5	3,636

* valore portata a coppia L/H=1 / capacity of couple hinges L/H=1

Categoria commerciale: 1E



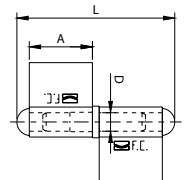
- Cerniera a 2 ali lunghe con tappo saldato
- Plug welded hinge with 2 long wings
- Paumelle à bouchon soudé avec 2 ailes longues
- Anschweißband 2-teilig mit Anschweißpfropfen

430DX

	L	A	D				€
430DX-60	70	28	Ø8,3	100 Kg*	20	3,3	1,203
430DX-80	92	38	Ø9	100 Kg*	20	3,1	1,604
430DX-100	112	48	Ø9,8	150 Kg*	20	4,0	2,194
430DX-120	132	57	Ø11,3	250 Kg*	20	5,3	2,394
430DX-140	156	67	Ø11,8	250 Kg*	10	4,0	3,021
430DX-170	190	84	Ø13	300 Kg*	10	6,2	3,773
430DX-200	216	97	Ø13,9	350 Kg*	10	8,4	4,714

* valore portata a coppia L/H=1 / capacity of couple hinges L/H=1

Categoria commerciale: 1E



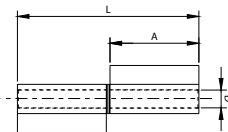
- Cerniera a 2 ali lunghe con tappo saldato
- Plug welded hinge with 2 long wings
- Paumelle à bouchon soudé avec 2 ailes longues
- Anschweißband 2-teilig mit Anschweißpfropfen

430SX

	L	A	D				€
430SX-60	70	28	Ø8,3	100 Kg*	20	3,3	1,203
430SX-80	92	38	Ø9	100 Kg*	20	3,1	1,604
430SX-100	112	48	Ø9,8	150 Kg*	20	4,0	2,194
430SX-120	132	57	Ø11,3	250 Kg*	20	5,3	2,394
430SX-140	156	67	Ø11,8	250 Kg*	10	4,0	3,021
430SX-170	190	84	Ø13	300 Kg*	10	6,1	3,773
430SX-200	216	97	Ø13,9	350 Kg*	10	8,4	4,713

* valore portata a coppia L/H=1 / capacity of couple hinges L/H=1

Categoria commerciale: 1E



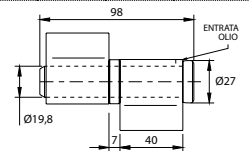
- Cerniera 2 ali piana con perno sfilabile
- Flat hinge with 2 wings and extractable pivot
- Paumelle plate à 2 ailes avec pivot à déboîter
- Flachband 2-teilig mit lose Zapfen

431

	L	A	D				€
431-80	82	40	Ø8	100 Kg*	50	4,6	1,153
431-80-Sp3	78	38	Ø8	100 Kg*	50	6,2	1,291
431-100	98	48	Ø10	150 Kg*	50	9,2	1,592
431-110	107	52	Ø10	150 Kg*	40	10,8	1,805
431-120	119	58	Ø12	250 Kg*	30	10,9	2,131

* valore portata a coppia L/H=1 / capacity of couple hinges L/H=1

Categoria commerciale: 1E



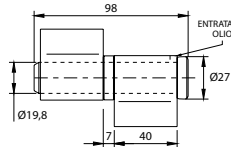
- Cerniera a 2 ali aperte perno sfilabile con rondella
- Big hinge 2 open wings extractable pivot with washer
- Paumelle grande 2 ailes ouvertes pivot à déboîter avec rondelle
- Winkelband mit 2 offenen Flügeln schwere Ausführung loser Zapfen mit Unterlegscheibe

440

							€
440-90	800 Kg*	10	5,4				5,327

* valore portata a coppia L/H=1 / capacity of couple hinges L/H=1

Categoria commerciale: 1E



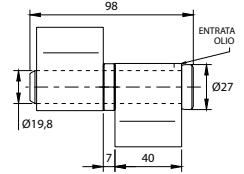
Perno Zincato
445

- Cerniera a 2 ali aperte perno sfilabile con cuscinetto
- Big hinge 2 open wings extractable pivot with bearing
- Paumelle grande 2 ailes ouvertes avec pivot à déboîter et roulement
- Winkelband 2-teilig schwere Ausführung loser Zapfen mit Kugellager

445-90	800 Kg*	10	5,4	7,420

* valore portata a coppia L/H=1 / capacity of couple hinges L/H=1

Categoria commerciale: 1E



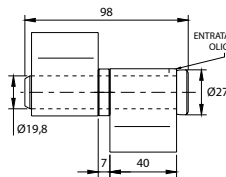
Perno Zincato
450

- Cerniera a 2 ali chiuse perno sfilabile con rondella e cuscinetto
- Big hinge 2 closed wings extractable pivot with washer and bearing
- Paumelle grande 2 ailes fermées pivot à déboîter avec rondelle et roulement
- Winkelband mit 2 geschlossenen Flügeln schwere Ausführung loser Zapfen mit Unterlegscheibe und Kugellager

450-90	400 Kg*	10	5,8	5,327

* valore portata a coppia L/H=1 / capacity of couple hinges L/H=1

Categoria commerciale: 1E



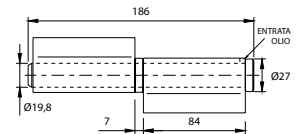
Perno Zincato
455

- Cerniera a 2 ali chiuse perno sfilabile con cuscinetto
- Big hinge 2 closed wings extractable pivot with bearing
- Paumelle grande 2 ailes fermées avec pivot à déboîter et roulement
- Flachband 2-teilig schwere Ausführung mit losem Zapfen und Kugellager

455-90	400 Kg*	10	5,4	7,420

* valore portata a coppia L/H=1 / capacity of couple hinges L/H=1

Categoria commerciale: 1E



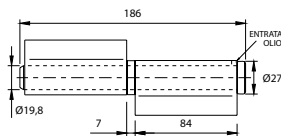
456

- Cerniera a 2 ali lunghe aperte perno sfilabile con rondella
- Big hinge 2 open wings extractable pivot with washer
- Paumelle grande 2 ailes ouvertes avec pivot à déboîter et rondelle
- Winkelband 2-teilig schwere Ausführung mit losem Zapfen und Unterlegscheibe

456-180	800 Kg*	4	4,2	8,335

* valore portata a coppia L/H=1 / capacity of couple hinges L/H=1

Categoria commerciale: 1E



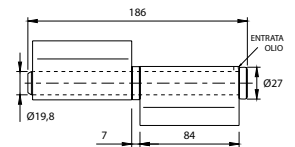
Perno Zincato
457

- Cerniera a 2 ali aperte perno sfilabile con cuscinetto
- Big hinge 2 open wings extractable pivot with bearing
- Paumelle grande 2 ailes ouvertes avec pivot à déboîter et roulement
- Winkelband 2-teilig schwere Ausführung mit losem Zapfen und Unterlegscheibe

457-180	800 Kg*	4	4,2	10,667

* valore portata a coppia L/H=1 / capacity of couple hinges L/H=1

Categoria commerciale: 1E



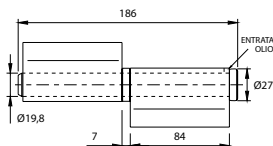
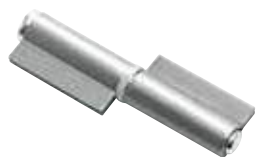
458

- Cerniera a 2 ali lunghe chiuse perno sfilabile con rondella
- Big hinge 2 closed wings extractable pivot with washer
- Paumelle grande 2 ailes fermées avec pivot à déboîter et rondelle
- Flachband 2-teilig schwere Ausführung mit losem Zapfen und Unterlegscheibe

458-180	800 Kg*	4	4,2	8,335

* valore portata a coppia L/H=1 / capacity of couple hinges L/H=1

Categoria commerciale: 1E



Perno Zincato

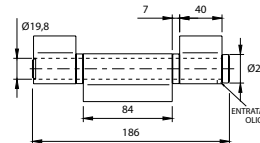
459

- Cerniera a 2 ali lunghe chiuse perno sfilabile con cuscinetto
- Big hinge 2 long closed wings extractable pivot with bearing
- Paumelle grande 2 ailes grandes et fermées, pivot à déboîter avec roulement
- Winkelband mit 2 langen geschlossenen Flügeln schwere Ausführung mit losem Zapfen, Kugellager

459-180	800 Kg*	4	4,3	10,667

* valore portata a coppia L/H=1 / capacity of couple hinges L/H=1

Categoria commerciale: 1E



Perno Zincato

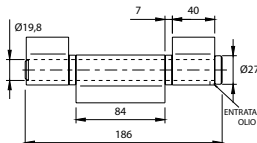
460

- Cerniera a 3 ali aperte perno sfilabile con rondelle
- Big hinge 3 open wings with washer
- Paumelle grande 3 ailes ouvertes pivot à déboîter avec rondelle
- Winkelband 3-teilig schwere Ausführung mit Unterlegscheiben

460-180	800 Kg*	4	4,2	9,263

* valore portata a coppia L/H=1 / capacity of couple hinges L/H=1

Categoria commerciale: 1E



Perno Zincato

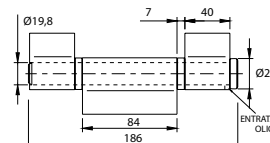
465

- Cerniera a 3 ali aperte perno sfilabile con cuscinetto
- Big hinge 3 open wings extractable pivot with bearing
- Paumelle grande 3 ailes ouvertes pivot à déboîter avec roulement
- Winkelband mit 3 offenen Flügeln schwere Ausführung mit losem Zapfen, Kugellager

465-180	800 Kg*	4	4,3	14,264

* valore portata a coppia L/H=1 / capacity of couple hinges L/H=1

Categoria commerciale: 1E



Perno Zincato

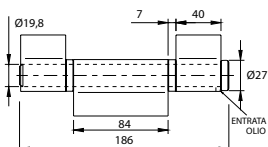
470

- Cerniera a 3 ali chiuse perno sfilabile con rondella
- Big hinge 3 closed wings extractable pivot with washer
- Paumelle grande 3 ailes fermées avec pivot à déboîter et rondelle
- Flachband 3-teilig schwere Ausführung mit losem Zapfen und Unterlegscheibe

470-180	800 Kg*	4	4,2	9,263

* valore portata a coppia L/H=1 / capacity of couple hinges L/H=1

Categoria commerciale: 1E



Perno Zincato

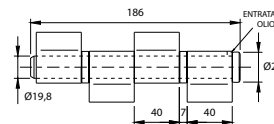
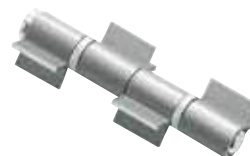
475

- Cerniera a 3 ali chiuse perno sfilabile con cuscinetto
- Big hinge 3 closed wings extractable pivot and bearing
- Paumelle grande 3 ailes fermées pivot à déboîter avec roulement
- Winkelband mit 3 geschlossenen Flügeln schwere Ausführung mit losem Zapfen, Kugellager

475-180	800 Kg*	4	4,2	14,264

* valore portata a coppia L/H=1 / capacity of couple hinges L/H=1

Categoria commerciale: 1E



Perno Zincato

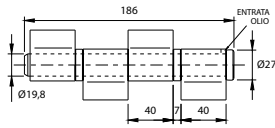
480

- Cerniera a 4 ali aperte perno sfilabile con rondella
- Big hinge 4 open wings extractable pivot with washer
- Paumelle grande 4 ailes ouvertes avec pivot à déboîter et rondelle
- Winkelband 4-teilig schwere Ausführung mit losem Zapfen und Unterlegscheibe

480-180	800 Kg*	4	4,1	9,651

* valore portata a coppia L/H=1 / capacity of couple hinges L/H=1

Categoria commerciale: 1E



Perno Zincato

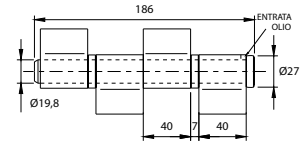
482

- Cerniera a 4 ali chiuse perno sfilabile con cuscinetto
- Big hinge 4 closed wings extractable pivot with bearing
- Paumelle grande 4 ailes fermées pivot à déboiter avec roulement
- Winkelband mit 4 geschlossenen Flügeln schwere Ausführung mit losem Zapfen, Kugellager

482-180	800 Kg*	4	4,2	15,091

* valore portata a coppia L/H=1 / capacity of couple hinges L/H=1

Categoria commerciale: 1E



Perno Zincato

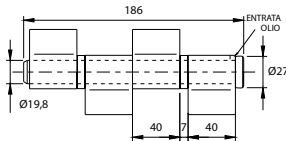
485

- Cerniera a 4 ali chiuse perno sfilabile con rondelle
- Big hinge 4 closed wings extractable pivot with washers
- Paumelle grande 4 ailes fermées avec pivot à déboiter et rondelles
- Flachband 4-teilig schwere Ausführung mit losem Zapfen und Unterlegscheiben

485-180	800 Kg*	4	4,1	9,651

* valore portata a coppia L/H=1 / capacity of couple hinges L/H=1

Categoria commerciale: 1E



Perno Zincato

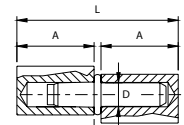
487

- Cerniera a 4 ali chiuse perno sfilabile con cuscinetto
- Big hinge 4 closed wings extractable pivot with bearing
- Paumelle grande 4 ailes fermées pivot à déboiter avec roulement
- Winkelband mit 4 geschlossenen Flügeln schwere Ausführung mit losem Zapfen und Kugellager

487-180	800 Kg*	4	4,2	15,091

* valore portata a coppia L/H=1 / capacity of couple hinges L/H=1

Categoria commerciale: 1E



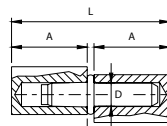
490

- Cerniera a goccia con perno in acciaio
- Drop hinge with steel pivot
- Paumelle à goutte avec pivot en acier
- Bandrolle mit Zapfen aus Stahl

490-100	L 98	A 48	D Ø9	150 Kg* 40 3,7 1,391
490-120	L 118	A 58	D Ø9	200 Kg* 40 6,6 2,005
490-140	L 139	A 68	D Ø9	300 Kg* 40 8,0 2,331

* valore portata a coppia L/H=1 / capacity of couple hinges L/H=1

Categoria commerciale: 1E



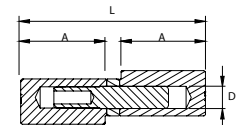
492

- Cerniera a goccia perno in acciaio rivestito ottone
- Drop hinge with brass-covered, steel pivot
- Paumelle à goutte avec pivot en acier revêtu de laiton
- Bandrolle mit Messing beschichtetem Zapfen aus Stahl

492-100	L 98	A 48	D Ø9	100 Kg* 40 3,8 1,893
492-120	L 118	A 58	D Ø9	125 Kg* 40 7,0 2,695
492-140	L 139	A 68	D Ø9	180 Kg* 40 8,1 2,946

* valore portata a coppia L/H=1 / capacity of couple hinges L/H=1

Categoria commerciale: 1E



494

- Cerniera a goccia perno in acciaio con rondella
- Drop Hinge With Steel Pivot And Washer
- Paumelle à goutte avec pivot en acier avec rondelle
- Bandrolle mit Zapfen aus Stahl mit Unterlegscheibe

494-100	L 100	A 46	D Ø12	150 Kg* 16 3,9 3,998
494-150	L 149	A 71	D Ø12	250 Kg* 16 5,4 4,588

* valore portata a coppia L/H=1 / capacity of couple hinges L/H=1

Categoria commerciale: 1E



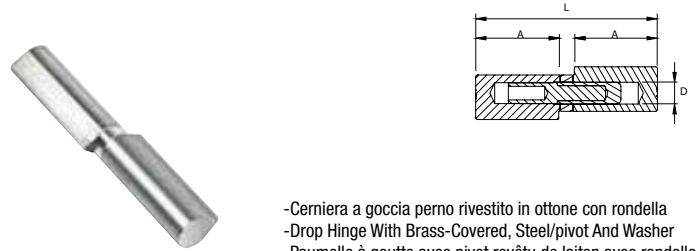
-Cerniera a goccia perno in acciaio con cuscinetto
 -Drop Hinge With Steel Pivot And Bearing
 -Paumelle à goutte avec pivot en acier avec roulement
 -Bandrolle mit Zapfen aus Stahl mit Kugellager

495

	L	A	D				€
495-100	100	46	Ø12	150 Kg*	16	3,5	5,139
495-150	149	71	Ø12	250 Kg*	16	5,1	5,741

* valore portata a coppia L/H=1 / capacity of couple hinges L/H=1

Categoria commerciale: 1E



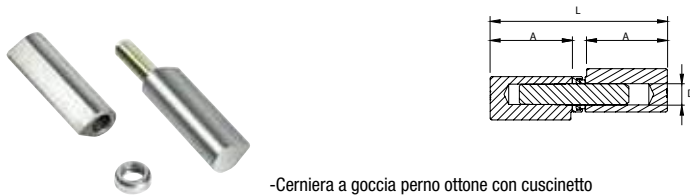
-Cerniera a goccia perno rivestito in ottone con rondella
 -Drop Hinge With Brass-Covered, Steel/pivot And Washer
 -Paumelle à goutte avec pivot revêtu de laiton avec rondelle
 -Bandrolle mit Messing beschichtetem Zapfen mit Unterlegscheibe

496

	L	A	D				€
496-100	100	46	Ø12	100 Kg*	16	3,9	5,653
496-150	149	71	Ø12	180 Kg*	16	5,6	6,317

* valore portata a coppia L/H=1 / capacity of couple hinges L/H=1

Categoria commerciale: 1E



-Cerniera a goccia perno ottone con cuscinetto
 -Drop hinge with brass pivot and bearing
 -Paumelle à goutte avec pivot en laiton avec rondelle
 -Bandrolle mit Zapfen aus Messing mit Kugellager

497

	L	A	D				€
497-100	100	46	Ø12	100 Kg*	16	4,2	4,976
497-150	149	71	Ø12	180 Kg*	16	5,8	5,264
497Z-100	100	46	Ø12	zinc 100 Kg*	10	4,2	5,567
497Z-150	149	71	Ø12	zinc 180 Kg*	16	5,8	6,041

* valore portata a coppia L/H=1 / capacity of couple hinges L/H=1

Categoria commerciale: 1E



-Cerniera a goccia perno in acciaio rivestito ottone con cuscinetto
 -Drop hinge with brass-covered, steel pivot and bearing
 -Paumelle à goutte avec pivot en acier revêtu de laiton avec roulement
 -Bandrolle mit Messing beschichtetem Zapfen aus Stahl mit Kugellager

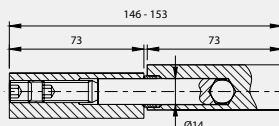
498

PATENTED

	L	A	D				€
498-100	100	46	Ø12	100 Kg*	16	4,2	5,227
498-150	149	71	Ø12	180 Kg*	16	5,6	5,528
498Z-100	100	46	Ø12	zinc 100 Kg*	16	4,2	5,753
498Z-150	149	71	Ø12	zinc 180 Kg*	16	5,6	6,079

* valore portata a coppia L/H=1 / capacity of couple hinges L/H=1

Categoria commerciale: 1E



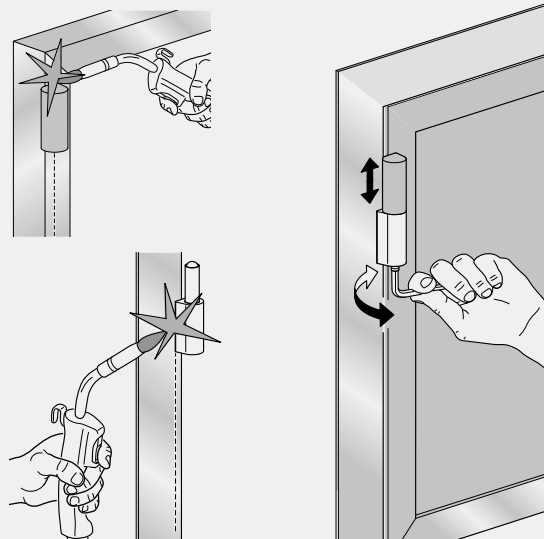
-Cerniera a goccia tornita perno acciaio regolabile 7 mm
 -Turned drop hinge, 7mm adjustable, with steel pivot
 -Paumelle à goutte tournée, réglable 7mm. avec pivot en acier
 -Formgepresstes und 7 mm-verstellbares Tropfenband mit Zapfen aus Stahl

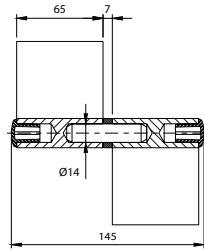
500

	R				€
500-150	146-153	300 Kg*	10	3,8	15,906

* valore portata a coppia L/H=1 / capacity of couple hinges L/H=1

Categoria commerciale: 1E





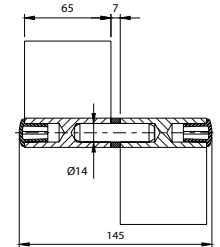
505

- Cerniera ala lunga reversibile con rondella perno acciaio
- Big hinge long wing steel pivot with washer
- Paumelle grande aile longue réversible pivot en acier avec rondelle
- Scharnier mit langem Flügel, Kugellager und Zapfen aus Stahl

505-150	600 Kg*	10	7,1	15,655

* valore portata a coppia L/H=1 / capacity of couple hinges L/H=1

Categoria commerciale: 1E



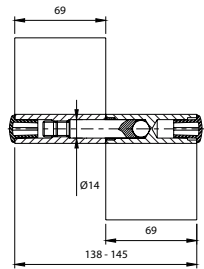
510

- Cerniera ala lunga reversibile con cuscinetto perno acciaio
- Big hinge long wing steel pivot with bearing
- Paumelle grande aile longue réversible pivot en acier avec roulement
- Scharnier mit langem Flügel, Kugellager und Zapfen aus Stahl

510-150	600 Kg*	10	7,1	18,764

* valore portata a coppia L/H=1 / capacity of couple hinges L/H=1

Categoria commerciale: 1E



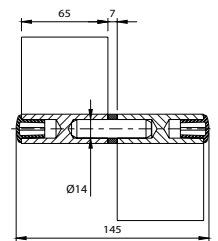
515

- Cerniera regolabile 7mm ala lunga perno acciaio
- Hinge, 7mm adjustable, with long wing and steel pivot
- Paumelle réglable 7mm, avec aile longue et pivot en acier
- 7 mm-verstellbares Scharnier mit langem Flügel und Zapfen aus Stahl

515-150	138-145	600 Kg*	10	7,4	20,368

* valore portata a coppia L/H=1 / capacity of couple hinges L/H=1

Categoria commerciale: 1E



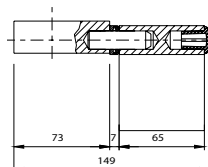
520

- Cerniera ala lunga reversibile perno ottone
- Hinge with reversible long wing and brass pivot
- Paumelle avec aile longue réversible et pivot en laiton
- Umkehrbares Scharnier mit langem Flügel und Zapfen aus Messing

520-150	450 Kg*	10	7,0	19,040

* valore portata a coppia L/H=1 / capacity of couple hinges L/H=1

Categoria commerciale: 1E



525

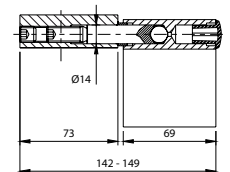
- Cerniera ala lunga reversibile e ala a goccia perno acciaio con cuscinetto
- Big hinge long and drop wing with bearing
- Paumelle grande aile longue réversible avec roulement
- Scharnier mit langem Flügel und Tropfenflügel, Zapfen aus Stahl und Kugellager

525-150	300 Kg*	10	5,7	14,139

1* valore portata a coppia L/H=1 / capacity of couple hinges L/H=1

Categoria commerciale: 1E

SU RICHIESTA | ON REQUEST



530

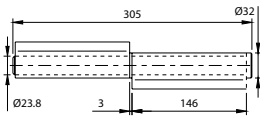
- Cerniera ala lunga reversibile perno ottone
- Hinge with reversible long wing and brass pivot
- Paumelle avec aile longue réversible et pivot en laiton
- Umkehrbares Scharnier mit langem Flügel und Zapfen aus Messing

530-150	138-145	300 Kg*	10	5,3	17,210

* valore portata a coppia L/H=1 / capacity of couple hinges L/H=1

Categoria commerciale: 1E

SU RICHIESTA | ON REQUEST



Perno Zincato

550

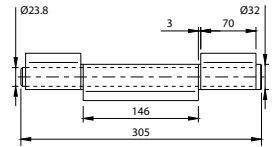
- Maxi cerniera a 2 ali
- Big hinge with 2 wings
- grande paumelle avec 2 ailes
- Maxi-Schmier 2-teilig

550-300	800 Kg*	4	8,4
			14,653

* valore portata a coppia L/H=1 / capacity of couple hinges L/H=1

Categoria commerciale: 1E

SU RICHIESTA | ON REQUEST



Perno Zincato

551

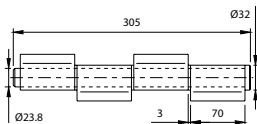
- Maxi cerniera a 3 ali
- Big hinge with 3 wings
- Grande paumelle avec 3 ailes
- Maxi-Schmier 3-teilig

551-300	1000 Kg*	4	8,3
			16,295

* valore portata a coppia L/H=1 / capacity of couple hinges L/H=1

Categoria commerciale: 1E

SU RICHIESTA | ON REQUEST



Perno Zincato

552

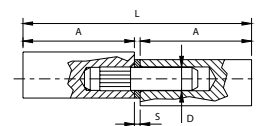
- Maxi cerniera a 4 ali
- Big hinge with 4 wings
- Grande paumelle avec 4 ailes
- Maxi-Schmier 4-teilig

552-300	1300 Kg*	4	8,3
			20,845

* valore portata a coppia L/H=1 / capacity of couple hinges L/H=1

Categoria commerciale: 1E

SU RICHIESTA | ON REQUEST



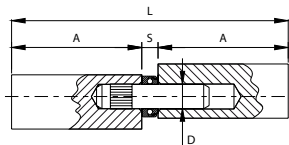
560

- Cerniera a goccia perno in acciaio con rondella
- Drop hinge with steel pivot and washer
- Paumelle à goutte avec pivot en acier avec rondelle
- Bandrolle mit Zapfen aus Stahl mit Unterlegscheibe

	L	A	D			
560-60	59,5	29	Ø6	75 Kg*	40	1,6
560-80	80	39	Ø7	110 Kg*	50	4,1
560-100	98	48	Ø9	150 Kg*	40	6,0
560-120	118	58	Ø9	225 Kg*	40	6,9
560-140	138	68	Ø12	260 Kg*	20	6,7
560-160	156	77	Ø12	300 Kg*	10	4,2
560-180	175	86	Ø12	330 Kg*	10	4,7

* valore portata a coppia L/H=1 / capacity of couple hinges L/H=1

Categoria commerciale: 1E



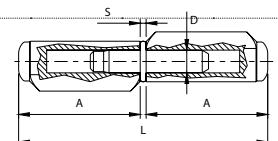
564

- Cerniera a goccia perno in acciaio con cuscinetto
- Drop hinge with steel pivot and bearing
- Paumelle à goutte avec pivot en acier avec roulement
- Bandrolle mit Zapfen aus Stahl mit Kugellager

	L	A	D			
564-100	102	48	Ø9	150 Kg*	50	7,5
564-120	122	58	Ø9	225 Kg*	40	7,0
564-140	143	68	Ø12	260 Kg*	20	6,2
564-160	161	77	Ø12	300 Kg*	10	4,3
564-180	180	86	Ø12	330 Kg*	10	4,8

* valore portata a coppia L/H=1 / capacity of couple hinges L/H=1

Categoria commerciale: 1E



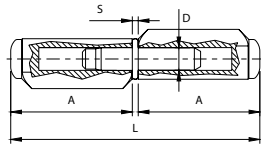
570

- Cerniera "Futura" perno in acciaio
- Drop hinge "Futura" with steel pin
- Paumelle "Futura" avec pivot en acier
- Bandrolle „Futura“ mit Zapfen aus Stahl

	L	A	D			
570-40	40	19	Ø6	52 Kg*	40	1,2
570-60	60	29	Ø6	75 Kg*	40	1,3
570-80	80	39	Ø9	110 Kg*	40	3,3
570-100	98	48	Ø9	150 Kg*	40	3,9
570-120	119	58	Ø9	225 Kg*	40	6,9
570-140	139	68	Ø9	300 Kg*	40	7,8

* valore portata a coppia L/H=1 / capacity of couple hinges L/H=1

Categoria commerciale: 1E



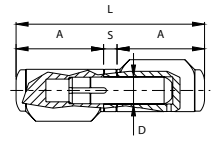
- Cerniera "Futura" perno in ottone
- Drop hinge "Futura" with brass pin
- Paumelle "Futura" avec pivot en laiton
- Bandrolle „Futura“ mit Zapfen aus Messing

572

	L	A	D				€
572-40	40	19	Ø6	30 Kg*	40	1,2	0,802
572-60	60	29	Ø6	45 Kg*	40	1,4	0,802
572-80	80	39	Ø9	75 Kg*	40	3,2	1,216
572-100	98	48	Ø9	110 Kg*	40	3,9	1,404
572-120	119	58	Ø9	150 Kg*	40	6,8	2,056
572-140	139	68	Ø9	180 Kg*	40	8,0	2,206

* valore portata a coppia L/H=1 / capacity of couple hinges L/H=1

Categoria commerciale: 1E



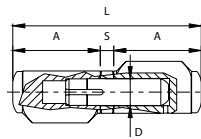
- Cerniera "Futura" perno in acciaio con rondella
- Drop hinge "Futura" with steel pin and washer
- Paumelle "Futura" avec pivot en acier et rondelle
- Bandrolle „Futura“ mit Stift aus Stahl und Unterlegsscheibe

574

	L	A	D				€
574-100	98	45	Ø14	150 Kg*	16	4,3	3,497
574-150	148	70	Ø14	300 Kg*	16	6,5	4,024

* valore portata a coppia L/H=1 / capacity of couple hinges L/H=1

Categoria commerciale: 1E



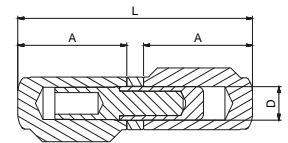
- Cerniera "Futura" perno in acciaio con cuscinetto
- Drop hinge "Futura" with steel pin and bearing
- Paumelle "Futura" avec pivot en acier et bague à bille
- Bandrolle „Futura“ mit Stift aus Stahl und Kugellager

575

	L	A	D				€
575-100	98	45	Ø14	150 Kg*	16	4,8	3,698
575-150	148	70	Ø14	300 Kg*	16	6,5	4,249

* valore portata a coppia L/H=1 / capacity of couple hinges L/H=1

Categoria commerciale: 1E



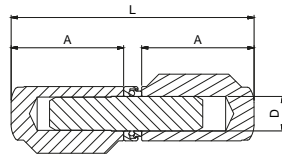
- Cerniera "Futura" perno in ottone con rondella
- Drop hinge "Futura" with brass pin and washer
- Paumelle "Futura" avec pivot en laiton et rondelle
- Bandrolle „Futura“ mit Stift aus Messing und Unterlegsscheibe

576

	L	A	D				€	
576-100	22x27	98	45	Ø14	110 Kg*	10	4,8	4,174
576-140	18x22	142	68	Ø10	150 Kg*	16	6,1	2,833
576-150	22x27	148	70	Ø14	180 Kg*	16	6,5	4,525

* valore portata a coppia L/H=1 / capacity of couple hinges L/H=1

Categoria commerciale: 1E



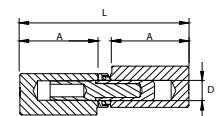
- Cerniera Futura perno in ottone con cuscinetto
- Drop hinge "Futura" with brass pin and bearing
- Paumelle "Futura" avec pivot en laiton et bague à bille
- Bandrolle „Futura“ mit Stift aus Messing und Kugellager

577

	L	A	D				€	
577-100	22x27	98	45	Ø14	110 Kg*	16	4,6	5,465
577-140	18x22	142	68	Ø10	150 Kg*	16	4,1	5,014
577-150	22x27	148	70	Ø14	180 Kg*	16	6,1	5,866

* valore portata a coppia L/H=1 / capacity of couple hinges L/H=1

Categoria commerciale: 1E



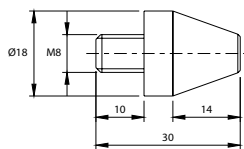
- Cerniera "Futura" perno rinforzato e rivestito in ottone, con cuscinetto
- Drop hinge "futura" with reinforced, brass-covered pivot and bearing
- Paumelle Futura avec pivot renforcé et revêtu de laiton avec roulement
- Bandrolle "Futura" mit verstärktem und mit Messig beschichtetem Zapfen mit Kugellager

578

	L	A	D				€	
578-100	22x27	98	45	Ø14	110 Kg	16	4,4	5,741
578-140	18x22	142	68	Ø10	150 Kg	16	4,0	5,264
578-150	22x27	148	70	Ø14	180 Kg	16	6,3	6,154

Categoria commerciale: 1E

SU RICHIESTA | ON REQUEST

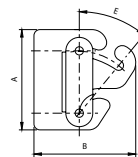


590

- Piolo filettato per porte blindate
- Threaded peg for armoured doors
- Piquet taraudé pour portes blindées
- Sicherheitsdorn mit Gewinde für gepanzerte Türen

Icona	Materiali	Quantità	Peso	Prezzo
590	zinc	100	3,1	1,148

Categoria commerciale: 1G

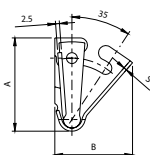


600

- Cerniera per vasistas
- Hinge for transom windows
- Paumelle vasistas
- Scharnier für Klappfenster

Icona	A	B	E	Quantità	Peso	Prezzo
600-65	67	68	40°	40	4,1	1,596
600-85	90	92	48°	20	3,1	2,606

Categoria commerciale: 1G

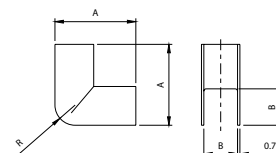


606

- Cerniera a compasso per vasistas
- Compass hinge for transom windows
- Paumelle à compas pour vasistas
- Scharnier für Klappfenster

Icona	A	B	Quantità	Peso	Prezzo
606-65	60	50	40	4,8	3,329
606-85	80	64	25	5,4	4,414

Categoria commerciale: 1G



615

- Copri angolo per finestra
- Cover-angle for windows
- Couvre-coin pour fenêtres
- Winkelbedeckung für Fenster

Icona	A	B	R	Materiali	Quantità	Peso	Prezzo
615-10	60	48	6	zinc	500	3,0	0,521
615-12	80	62	9	zinc	500	3,5	0,545

Categoria commerciale: 1G



620

- Chiavistello Zincato
- Galvanised latch
- Verrou zingué
- Verzinkter Riegel

Icona	Materiali	Quantità	Peso	Prezzo
620	zinc	50	2,1	2,974

Categoria commerciale: 1G



Zama Zincata

625

- Chiavetta in zama
- Zinked key
- Clé en zamac
- Schlüssel aus Zamak

Icona	Forma	Materiali	Quantità	Peso	Prezzo
625	Quadrata	zinc	50	1,1	1,493
625	Triangolare	zinc	50	1,2	1,493

Categoria commerciale: 1G



627

- Chiavistello a leva zincato
- Galvanised lever latch
- Verrou à levier zingué
- Riegel mit Hebel verzinkt

627P	zinc	20	1,3	3,858
627G	zinc	20	2,7	4,630

Categoria commerciale: 1G



628

- Chiave in alluminio per chiavistello Art.627
- Aluminium key for latch
- Clé en aluminium pour verrou
- Aluminium Schlüssel für Riegel

628		20	0,4	1,984

Categoria commerciale: 1G



630

- Cricchetto per vasistas
- Catch for transom windows
- Loqueteau pour vasistas
- Schnappschluss für Klappfenster

630	Piccola	zinc	50	3,5
				2,443

Categoria commerciale: 1G



635

- Cricchetto per vasistas
- Catch for transom windows
- Loqueteau pour vasistas
- Schnappschluss für Klappfenster

635	Medio		50	4,3
				1,579

Categoria commerciale: 1G

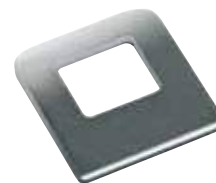


640

- Cricchetto per vasistas
- Catch for transom windows
- Loqueteau pour vasistas
- Schnappschluss für Klappfenster

640	Grande		25	4,1
				2,591

Categoria commerciale: 1G



645

- Ferroglia per art. 630
- Staple for art.630
- Gâche pour art.630
- Befestigungsklammer für Art. 630

645			200	4,8
				0,703

Categoria commerciale: 1G



-Ferroglia per art. 630 – 635 – 640
 -Staple for art.630 -635-640
 -Gâche pour art.630-635-640
 -Befestigungsklammer für Art. 630-635-640

650

650	200	6,2	0,703

Categoria commerciale: 1G



-Ferroglia per art. 630 – 635 – 640
 -Staple for art.630 -635-640
 -Gâche pour art.630-635-640
 -Befestigungsklammer für Art. 630-635-640

655

655	200	3,6	0,580

Categoria commerciale: 1G



-Maniglia a blocco
 -Lever bolt
 -Poignée de blocage
 -Fensterverschluss

660DX

660DX	zinc	20	3,0	3,154

Categoria commerciale: 1H



-Maniglia a blocco
 -Lever bolt
 -Poignée de blocage
 -Fensterverschluss

660SX

660SX	zinc	20	3,0	3,154

Categoria commerciale: 1H

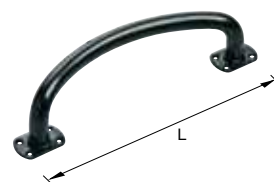


-Maniglia a blocco reversibile
 -Reversible lever bolt
 -Poignée de blocage réversible
 -Fensterverschluss doppelseitig

662

662	zinc	20	4,5	4,688

Categoria commerciale: 1H



-Maniglione curvo Ø15 mm
 -Bended pull handle dia.15mm
 -Poignée courbée dia.15mm
 -Gebogener Stossgriff Durchm.15 mm

671

	L					
671P	215	Ø15	Ral 9005	10	6,4	10,151
671G	265	Ø15	Ral 9005	10	7,1	10,471

Categoria commerciale: 1H



-Maniglione curvo tubolare
-Bended pull handle
-Poignée courbée
-Gebogener rohrförmiger Stosgriff

672

	L					€
672P	234	Piccolo	Ral 9005	10	4,6	17,103
672G	351	Grande	Ral 9005	10	9,3	20,523

Categoria commerciale: 1H

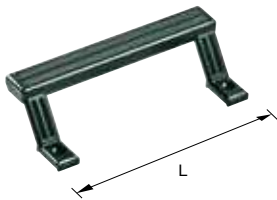


-Catenaccio a saldare
-Bolt to be welded
-Verrou à souder
-Stosriegel zum Anschweißen

673

					€
673	zinc	25		4,2	3,017

Categoria commerciale: 1D



-Maniglia di trascinamento in zama presso fusa
-Die-cast alloy handle
-Béquille en zamac moulée sous pression
-Torgriff aus Druckguss-Zamak

674

	L				€
674	162	Ral 9005	20	4,2	16,861

Categoria commerciale: 1H

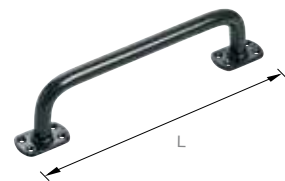


-Maniglione zancato Ø15 mm
-Bended pull handle dia.15mm
-Poignée courbée dia.15mm
-Gebogener Stosgriff Durchm.15 mm

675

	L				€	
675P	215	Ø15	Ral 9005	10	6,1	10,395
675G	265	Ø15	Ral 9005	10	6,5	11,071

Categoria commerciale: 1H



-Maniglione diritto Ø15 mm
-Straight pull handle dia.15mm
-Poignée droite dia.15mm
-Gerader Stosgriff Durchm. 15mm

677

	L				€	
677P	215	Ø15	Ral 9005	10	4,5	10,189
677G	265	Ø15	Ral 9005	10	5,4	10,249

Categoria commerciale: 1H

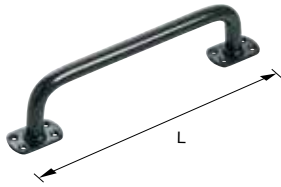


-Maniglione tubolare zancato
-Bended pull handle
-Poignée courbée
-Gebogener rohrförmiger Stosgriff

678

	L				€	
678P	234	Ø20	Ral 9005	10	4,2	28,863
678G	351	Ø25	Ral 9005	10	9,0	37,710

Categoria commerciale: 1H



-Maniglione tubolare dritto
-Straight pull handle
-Poignée droite
-Rohrförmiger gerader Stosgriff

679

	L					€
679P	234	Ø20	Ral 9005	10	3,20	15,906
679G	351	Ø25	Ral 9005	10	6,70	20,668

Categoria commerciale: 1H



-Cariglione "Car" aste esterne 14x14 mm
-"Car" lever bolt internal bars 14x14mm
-Crémone à levier "Car" tringles intérieures 14x14mm
-Treibriegel "Car" Innenstange 14x14mm

680

				€
680	zinc	5	4,5	22,580

Categoria commerciale: 1B

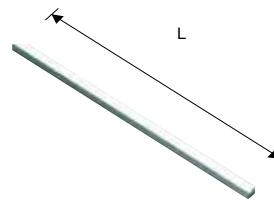


-Cariglione "Car" con cilindro aste esterne 14x14 mm
-"Car" lever bolt external bars 14x14mm
-Crémone à levier "Car" tringles extérieures 14x14mm
-Treibriegel "Car" mit Zylinder und Außenstangen 14x14 mm

682

				€
682	zinc	5	5,0	36,208

Categoria commerciale: 1B



-Asta per cariglione art. 686 10x10 mm
-Bar for lever bolt art.686 10X10mm
-Tringle pour crémonne art.686 10X10mm
-Stange für Treibriegel art.686 10X10mm

683

	L			€	
683	1500	zinc	1	1,2	16,109
683	2000	zinc	1	1,6	21,882

Categoria commerciale: 1B



-Cariglione "Bon" con cilindro
-"Bon" lever bolt with cylinder
-Crémone à levier "Bon" avec cylindre
-Treibriegel "Bon" mit Zylinder

684

				€
684	700	5	3,6	72,354

Categoria commerciale: 1B



-Cariglione per aste interne Ø6 mm
-Lever bolt internal bars dia.6mm
-Crémone à levier tringles intérieures dia 6mm
-Treibriegel für Innenstange Durchm. 6mm

685

				€
685	Ral 9005	10	5,0	18,491

Categoria commerciale: 1B



-Cariglione per aste esterne 10x10 mm
-Lever bolt for external bars 10x10mm
-Crémone à levier pour tringles extérieures 10x10mm
-Treibriegel für Außenstange Durchm. 10x10mm

686

686	Ral 9005	10	5,0	16,496

Categoria commerciale: 1B



-Asta forata 14x14 mm per cariglione art. 680 – 682
-Holed bar 14x14 mm for lever bolt art.680-682
-Tringle percée 14x14mm pour crémones art.680-682
-Stange mit Bohrungen 14x14mm für Treibriegel art.680-682

687

687	L=1500	zinc	1	2,3	18,715
687	L=2000	zinc	1	3,10	22,387

Categoria commerciale: 1B



-Catenaccio ad incasso doppia mandata leva ottone
-Flush mounted bolt with 2 locking and brass lever
-Verrou à bascule avec 2 sorties et levier bichromaté
-Kantenriegel mit Doppel-Bewegung und Hebel aus Messing

700Z

700Z	zinc	10	3,2	11,209

Categoria commerciale: 1D



-Catenaccio ad incasso una mandata leva zincata
-Flush mounted bolt with 1 locking, galvanised lever
-Verrou à bascule avec 1 sortie et levier zingué
-Kantenriegel mit Einzel-Bewegung und Hebel aus Messing

704

704-16	zinc	20	2,1	2,843	
704-20	zinc	20	2,1	2,843	
704-24	zinc	20	2,2	2,843	
704-24	leva ottone / lever brass	zinc	20	2,3	4,177

Categoria commerciale: 1D



-Catenaccio ad incasso una mandata leva ottone
-Flush mounted bolt with 1 locking, brass lever
-Verrou à bascule avec 1 sortie et levier bichromaté
-Kantenriegel mit Einzel-Bewegung und Hebel aus Messing

705

705-16	zinc	20	2,0	6,883
705-20	zinc	20	2,2	7,257
705-24	zinc	20	2,3	7,543

Categoria commerciale: 1D



-Catenaccio per porte blindate una mandata leva ottone nichelato corsa 30 mm
-Flush mounted bolt for armoured doors with 1 locking and nickel-plate brass lever stroke 30 mm
-Verrou à bascule pour portes blindées avec 1 sortie et levier en laiton nickelé course 30 mm
-Kantenriegel für gepanzerte Türe mit Einzel-Bewegung und Hebel aus nickelplattiertem Messing 30 mm Hub

706

706	zinc	6	1,8	14,152

Categoria commerciale: 1D



-Catenaccio per porte blindate doppia mandata leva ottone nichelato corsa 15 mm
 -Flush mounted bolt for armoured doors with 2 lockings and nickel-plate brass lever stroke 15 mm
 -Verrou à bascule pour portes blindées avec 2 sorties et levier en laiton nickelé course 15 mm
 -Kantenriegel für gepanzerte Türe mit Doppel-Bewegung und Hebel aus nickelplattiertem Messing 15 mm Hub

707

707	zinc	6	2,1	17,655

Categoria commerciale: 1D



-Catenaccio per porte blindate doppia mandata leva ottone nichelato corsa 21 mm
 -Flush mounted bolt for armoured doors with 2 lockings and nickel-plate brass lever stroke 21 mm
 -Verrou à bascule pour portes blindées avec 2 sorties et levier en laiton nickelé course 21 mm
 -Kantenriegel für gepanzerte Türe mit Doppel-Bewegung und Hebel aus nickelplattiertem Messing 21 mm Hub

708

708	zinc	6	2,9	25,972

Categoria commerciale: 1D



-Catenaccio punta quadrata \sphericalangle 10
 -Square bolt
 -Verrou carré
 -Stangenriegel mit viereckiger Spitze

710

710-130	zinc	10	2,0	5,096
710-300	zinc	10	3,9	6,194
710-500	zinc	10	6,0	8,958

Categoria commerciale: 1D



-Catenaccio punta tonda \varnothing 10
 -Round bolt
 -Verrou avec pointe ronde
 -Stangenriegel mit runder Spitze

712

712-130	zinc	10	2,0	5,096
712-300	zinc	10	3,9	6,194
712-500	zinc	10	6,0	8,958

Categoria commerciale: 1D



-Catenaccio punta quadrata \sphericalangle 14
 -Square bolt
 -Verrou avec pointe carrée
 -Stangenriegel mit viereckiger Spitze

714

714-330	zinc	5	3,7	10,266
714-660	zinc	5	6,5	15,509

Categoria commerciale: 1D



-Catenaccio punta tonda \varnothing 14
 -Round bolt
 -Verrou avec pointe ronde
 -Stangenriegel mit runder Spitze

716

716-330	zinc	5	3,7	10,266
716-660	zinc	5	6,5	15,509

Categoria commerciale: 1D



-Catenaccio a leva punta arrotondata
-Round-pointed bolt with lever
-Verrou à levier avec pointe arrondie
-Stangenriegel mit abgerundetem Hebelspitze

720

				€
720-350	zinc	10	3,2	5,910
720-450	zinc	10	3,7	8,168
720-600	zinc	10	4,4	8,415
720-800	zinc	10	5,4	10,068

Categoria commerciale: 1D



-Catenaccio a leva pesante
-Heavy bolt with lever
-Verrou lourd à levier
-Stangenriegel mit großem Hebel

725

				€
725-450	zinc	10	7,8	8,477
725-600	zinc	10	9,7	9,772
725-800	zinc	10	12,2	10,685

Categoria commerciale: 1D



-Catenaccio medio a saldare
-Medium bolt to be welded
-Verrou moyen à souder
-Stangenriegel zum Anschweißen medium

735

				€
735-150	zinc	10	2,0	2,974
735-200	zinc	10	2,6	3,381
735-250	zinc	10	3,2	3,763
735-300	zinc	10	3,9	4,306
735-400	zinc	10	5,1	4,812
735-500	zinc	10	6,4	5,614
735-600	zinc	10	7,1	6,712
735-800	zinc	10	10,2	8,390

Categoria commerciale: 1D



-Catenaccio a saldare asta tonda Ø12mm
-Bolt to be welded round bar dia.12mm
-Verrou à souder tringle ronde dia.12mm
-Stossriegel mit abgerundeter Stange zum Anschweißen

737

				€
737-150	zinc	10	2,3	9,229
737-200	zinc	10	3,0	9,797
737-250	zinc	10	3,8	10,414
737-300	zinc	10	4,5	10,895
737-400	zinc	10	6,0	11,734
737-500	zinc	10	6,5	12,301
737-600	zinc	10	9,1	13,992
737-800	zinc	10	12,2	15,115

Categoria commerciale: 1D



-Catenaccio leggero ∇ 14mm
-Light bolt
-Verrou léger
-Kleiner Stossriegel

740

				€
740-150	zinc	10	1,8	4,207
740-200	zinc	10	2,2	4,257
740-250	zinc	10	2,9	4,701
740-300	zinc	10	3,4	5,083
740-400	zinc	10	4,4	6,453
740-500	zinc	10	5,4	6,996
740-600	zinc	10	6,6	7,563
740-800	zinc	10	8,5	9,624

Categoria commerciale: 1D



-Catenaccio pesante ∇ 25mm
-Heavy bolt
-Verrou lourd
-Grosser Stossriegel

745

				€
745-200	zinc	6	3,5	8,390
745-250	zinc	6	4,5	8,501
745-300	zinc	6	5,3	8,921
745-400	zinc	6	6,8	10,586
745-500	zinc	6	8,3	12,425
745-600	zinc	6	10,2	17,175
745-800	zinc	6	13,3	20,482

Categoria commerciale: 1D



-Catenaccio porta lucchetto medio ∇ 16mm
 -Medium padlock-bolt
 -Verrou porte-cadenas moyen
 -Hangschlossriegel medium

750

				€
750-150	zinc	10	2,7	6,009
750-200	zinc	10	3,4	6,453

Categoria commerciale: 1D



-Catenaccio porta lucchetto asta tonda \emptyset 12
 -Padlock-bolt with round rod
 -Verrou porte-cadenas tringle ronde
 -Hangschlossriegel mit abgerundeter Stange

752

				€
752-130	bronz	10	3,1	11,734
752-145	bronz	10	3,8	12,301
752-170	bronz	10	4,7	12,992
752-195	bronz	10	5,6	15,448

Categoria commerciale: 1D



-Catenaccio porta lucchetto pesante ∇ 25mm
 -Heavy padlock-bolt
 -Verrou porte-cadenas lourd
 -Hangschlossriegel gross

755

				€
755-200	zinc	4	3,6	11,734
755-300	zinc	4	4,7	14,707
755-400	zinc	4	6,0	17,150
755-500	zinc	4	7,5	19,816

Categoria commerciale: 1D



-Catenaccio porta lucchetto asta tonda \emptyset 14
 -Padlock-bolt with round rod d. 14 mm
 -Verrou porte-cadenas tringle ronde dia.14mm
 -Hangschlossriegel mit abgerundeter Stange d. 14 mm

760

				€
760-180	zinc	10	4,2	6,724
760-215	zinc	10	4,9	7,773
760-270	zinc	10	6,1	10,290

Categoria commerciale: 1D



-Catenaccio ad avvitare ∇ 18mm
 -Bolt to be screwed
 -Verrou à visser
 -Stossriegel zum Anschrauben

800

				€
800-200	zinc	10	2,3	4,997
800-250	zinc	10	2,9	6,157
800-300	zinc	10	3,5	6,712
800-400	zinc	10	4,8	7,280
800-500	zinc	10	6,0	7,675
800-600	zinc	10	7,2	8,958
800-800	zinc	10	9,8	9,501

Categoria commerciale: 1D



-Catenaccio trasversale leggero ∇ 16mm
 -Transverse light bolt
 -Verrou transversal léger
 -Horizontalstossriegel klein

805

				€
805-80	bronz	10	1,2	4,096
805-120	bronz	10	1,8	4,368
805-160	bronz	10	2,3	4,553
805-200	bronz	10	2,8	4,997

Categoria commerciale: 1D



-Catenaccio trasversale medio ∇ 16mm
-Transverse medium bolt
-Verrou transversal moyen
-Horizontalstossriegel medium

810

				€
810-150	bronz	10	2,0	5,318
810-200	bronz	10	2,6	5,910
810-250	bronz	10	3,1	6,157
810-300	bronz	10	3,6	6,712
810-400	bronz	10	4,6	7,872

Categoria commerciale: 1D



-Catenaccio trasversale pesante ∇ 25mm
-Transverse heavy bolt
-Verrou transversal lourd
-Horizontalstossriegel gross

820

				€
820-200	bronz	4	2,4	9,908
820-300	bronz	4	3,4	12,881
820-400	bronz	4	4,5	15,756
820-500	bronz	4	5,9	17,928

Categoria commerciale: 1D



-Catenaccio verticale medio ∇ 16mm
-Vertical bolt
-Verrou vertical moyen
-Vertikaler Stossriegel medium

825

				€
825-150	bronz	10	2,2	4,775
825-200	bronz	10	2,9	5,059
825-250	bronz	10	3,6	5,614
825-300	bronz	10	4,3	6,157
825-400	bronz	10	5,7	7,736
825-500	bronz	10	7,0	8,859
825-600	bronz	10	8,4	12,129
825-800	bronz	10	11,1	17,336

Categoria commerciale: 1D



-Incontro per catenaccio art. 825
-Strike for bolt art.825
-Gâche pour verrou art. 825
-Schliesskloben für Stossriegel Artikel 825

827

				€
827	bronz	50	1,3	0,962

Categoria commerciale: 1D



-Catenaccio verticale pesante ∇ 25mm
-Heavy vertical bolt
-Verrou vertical lourd
-Vertikaler Stossriegel gross

835

				€
835-200	bronz	4	2,7	9,279
835-300	bronz	4	4,0	12,092
835-400	bronz	4	5,3	13,992
835-500	bronz	4	6,6	16,336
835-600	bronz	4	7,9	20,951
835-800	bronz	4	10,5	23,665

Categoria commerciale: 1D



-Incontro per catenaccio art. 835
-Strike for bolt art.835
-Gâche pour verrou art. 835
-Schliesskloben für Stossriegel Artikel 835

837

				€
837	bronz	50	3,8	1,764

Categoria commerciale: 1D



-Catenaccio ad avvitare zancato
-Bolt to be screwed
-Verrou à visser
-Gekröpfter Stossriegel zum Anschrauben

840

+	↙	🗨	🔒	€
840-200	zinc	10	3,0	5,157
840-300	zinc	10	4,4	6,330
840-400	zinc	10	5,8	7,823
840-500	zinc	10	7,1	9,501
840-600	zinc	10	8,5	10,179
840-800	zinc	10	11,5	18,113
840-1000	zinc	10	13,7	22,246

Categoria commerciale: 1D



-Catenaccio ad avvitare
-Bolt to be screwed
-Verrou à visser
-Stossriegel zum Anschrauben

840D

+	↙	🗨	🔒	€
840D-200	zinc	10	2,9	5,157
840D-300	zinc	10	4,3	6,330
840D-400	zinc	10	5,5	7,823
840D-500	zinc	10	7,0	9,501
840D-600	zinc	10	8,4	10,179
840D-800	zinc	10	11,4	18,113
840D-1000	zinc	10	14,1	22,246

Categoria commerciale: 1D



-Incontro per catenaccio art. 800
-Strike for bolt art.800
-Gâche pour verrou art. 800
-Schliesskloben für Stossriegel Artikel 800

852

+	↙	🗨	🔒	€
852	zinc	50	1,0	1,024

Categoria commerciale: 1D



-Incontro per catenaccio art. 735
-Strike for bolt art.735
-Gâche pour verrou art. 735
-Schliesskloben für Stossriegel Artikel 735

855

+	↙	🗨	🔒	€
855	zinc	50	1,5	1,024

Categoria commerciale: 1D



-Incontro per catenaccio art. 740
-Strike for bolt art.740
-Gâche pour verrou art. 740
-Schliesskloben für Stossriegel Artikel 740

857

+	↙	🗨	🔒	€
857	zinc	50	2,9	1,024

Categoria commerciale: 1D



-Catenaccio pesante asta tonda Ø16mm
-Heavy bolt with round rod
-Verrou lourd tringle ronde
-Stossriegel mit abgerundeter Stange gross

860

+	↙	🗨	🔒	€
860-240	zinc	4	3,9	18,989

Categoria commerciale: 1D



- Catenaccio pesante asta tonda porta lucchetto
- Heavy padlock-bolt with round rod
- Verrou lourd porte-cadenas tringle ronde
- Hangschlossriegel mit abgerundeter Stange gross

862

Icona	Materiali	Quantità	Dimensioni	Prezzo
	zinc	4	3,5	21,950
	zinc	4	5,2	31,093
	zinc	4	10,2	46,590

Categoria commerciale: 1D

Hs700
COVER SYSTEM

+ Zincatura a caldo

2 Rivestimenti per una scelta vincente

Con Hs700, un innovativo rivestimento garantito oltre 720 ore di nebbia salina, è nata la nuova serie di cardini regolabili adatti ad applicazioni in ambienti con clima rigido. Il perno di rotazione e la vite di bloccaggio sono trattati con Hs700 mentre il corpo centrale forgiato è ricoperto da una zincatura a caldo.

L'abbinamento dei due trattamenti permette una resistenza maggiore agli agenti atmosferici, fino a 10 volte rispetto alla zincatura standard mantenendo elevate performance meccaniche.

Hs700 + Hot galvanized, 2 coverings for a winning choice

By Hs700, an innovative treatment guaranteed over 720 hours of salt spray test, came the new series of adjustable hinges suitable for use in environments with harsh climate. The pivot and the locking screw are treated with HS700 and the main body is hot galvanizing coated.

The combination of the two treatments allows greater resistance to weathering, up to 10 times more compared to the standard galvanizing process keeping high mechanical performances.

Hs700
COVER SYSTEM

Cover System HS-700

- **ELEVATA RESISTENZA ALLA CORROSIONE**
HIGH CORROSION RESISTANCE
- **RESISTENZA GARANTITA OLTRE 720 ORE IN CAMERA DI NEBBIA SALINA SENZA LA FORMAZIONE DI RUGGINE ROSSA**
>720 H IN SALT CHAMBER WITHOUT EVIDENCING OF RED RUST
- **RESISTENZA ALLE ALTE TEMPERATURE**
HIGH TEMPERATURE RESISTANCE
- **ELEVATA UNIFORMITÀ DEL RIVESTIMENTO**
HIGH COATING UNIFORMITY



Hot Galvanized

Zincatura a caldo
Protection thickness

















A close-up, black and white photograph of industrial machinery, specifically a series of rollers and pulleys. The rollers are arranged in a row, receding into the background, creating a sense of depth. The lighting highlights the metallic surfaces and the circular shapes of the rollers.

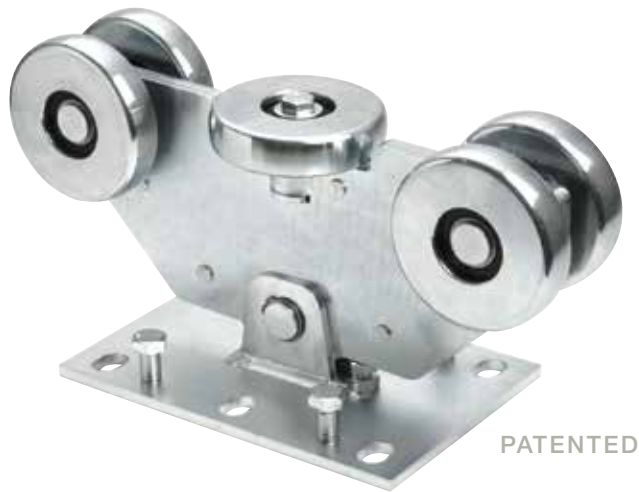
Life
made
easy

COMUNELLO 
GATE DIVISION

Cantilever Components

LEGENDA

	Articolo / Article		Pezzi per confezione / Pieces per pack
	Misura specifica / Measure		Peso confezione / Weight of pack
	Finitura / Finishing		Prezzo / Price
	Regolazione / Regulation		Lubrificazione / Greasing
	Portata / Capacity		Cuscinetti / Bearings
	Portata singolo carrello / Capacity of single carriage		Accessori in acciaio inox / S-Steel accessories
	Abbinamento monorotaia / Related monorail		
	Abbinamento tiranti / Related tie roads		



PATENTED

CGS-250.5 MINI PICCOLO GRANDE

CARATTERISTICHE

- Corpo multistrato brevettato
- Cuscinetti silenziosi di nuova generazione schermati per una migliore protezione dalla polvere; adatti a temperature che vanno dai -30° ai +80°
- 4 ruote di supporto per ogni carrello
- Ruota centrale di allineamento
- Perno centrale di rotazione

FEATURES

- Patented multiplate body
- Noiseless bearings of new generation shielded to protect against dust suitable for temperatures from -30 ° C to + 80 ° C
- 4 support wheels for each carriage
- Alignment Central wheel
- Central rotation pin

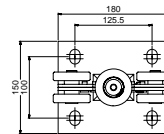
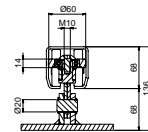
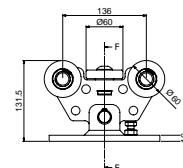


- Carrello auto portante 5 ruote per cancelli a sbalzo
- 5 wheels cantilever carriage for gates
- Chariot autoportant 5 roues pour portails
- 5-rädrieger Laufwagen für freitragende Tore

CGS-250.5M

CGS-250.5M	450 Kg	CGS-245M	4 x CGS-348 M16	zinc	1	5,0	134,653

Categoria commerciale: 1Q

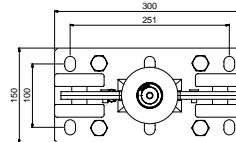
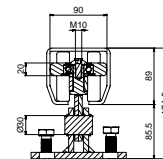
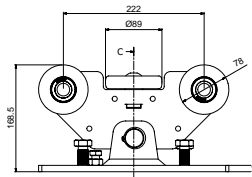


- Carrello auto portante 5 ruote per cancelli a sbalzo
- 5 wheels cantilever carriage for gates
- Chariot autoportant 5 roues pour portails
- 5-rädrieger Laufwagen für freitragende Tore

CGS-250.5P

CGS-250.5P	750 Kg	CGS-245P	6 x CGS-348 M16	zinc	1	10,6	213,209

Categoria commerciale: 1Q

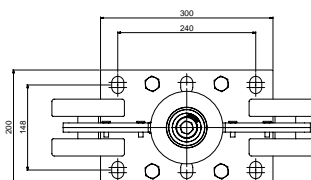
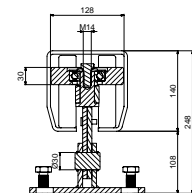
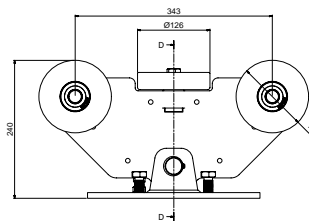


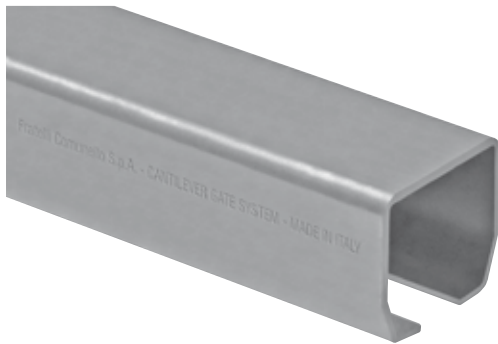
- Carrello auto portante 5 ruote per cancelli a sbalzo
- 5 wheels cantilever carriage for gates
- Chariot autoportant 5 roues pour portails
- 5-rädrieger Laufwagen für freitragende Tore

CGS-250.5G

CGS-250.5G	1400 Kg	CGS-245G	6 x CGS-348 M20	zinc	1	26,6	432,648

Categoria commerciale: 1Q



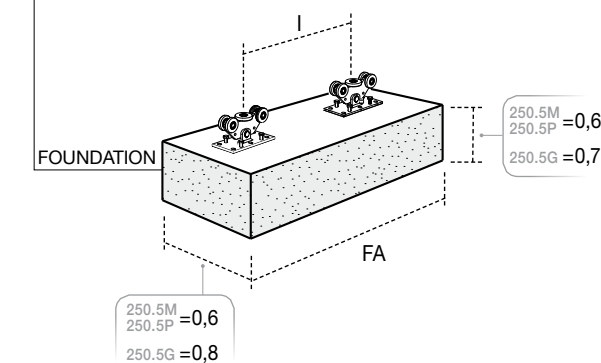
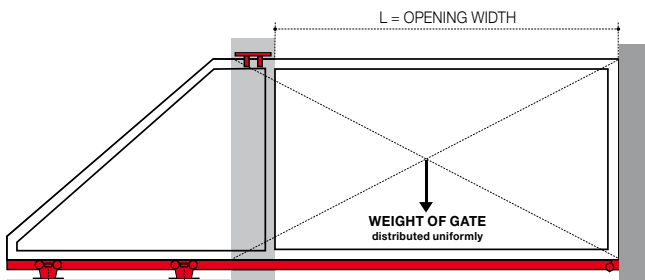
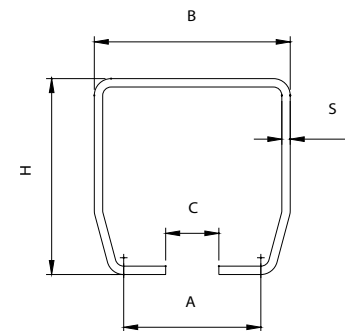


CGS-245 MINI PICCOLO GRANDE

- Monorotaia per cancelli auto-portanti
- Monorail for cantilever gates
- Rails pour portails autoportants
- Einfachschiene für selbsttragende Tore

			L	B	H	S			€	
GREZZA	CGS-245M	Mini	Raw	3000	68	68	3,5	1	18,3	97,626
	CGS-245M	Mini	Raw	6000	68	68	3,5	1	36,5	180,916
	CGS-245P	Piccolo	Raw	3000	100	89	5	1	35,0	184,158
	CGS-245P	Piccolo	Raw	6000	100	89	5	1	70,0	366,944
	CGS-245G	Grande	Raw	3000	140	140	6	1	67,0	464,452
CGS-245G	Grande	Raw	6000	140	140	6	1	134,0	916,050	
ZINCATA	CGS-245M	Mini	Zinc	3000	68	68	3,5	1	18,3	106,355
	CGS-245M	Mini	Zinc	6000	68	68	3,5	1	36,5	212,461
	CGS-245P	Piccolo	Zinc	3000	100	89	5	1	35,0	200,990
	CGS-245P	Piccolo	Zinc	6000	100	89	5	1	71,0	400,484
	CGS-245G	Grande	Zinc	3000	140	140	6	1	67,0	498,485
CGS-245G	Grande	Zinc	6000	140	140	6	1	134,0	984,751	

Categoria commerciale: 1R



CGS-250.5 M (F1max = 450 Kg)									
Weight (Kg)	L=2 m		L=2,5 m		L=3 m		L=3,5 m		
	FA (M)	I (M)	FA (M)	I (M)	FA (M)	I (M)	FA (M)	I (M)	
75	0,90	0,30	1,00	0,40	1,10	0,50	1,20	0,60	
100	1,00	0,40	1,10	0,50	1,20	0,60	1,40	0,80	
125	1,20	0,60	1,30	0,70	1,40	0,80	1,60	1,00	
150	1,30	0,70	1,50	0,90	1,70	1,10	1,90	1,30	

CGS-250.5 P (F1max = 750 Kg)										
Weight (Kg)	L=2,5 m		L=3 m		L=3,5 m		L=4 m		L=4,5 m	
	FA (M)	I (M)	FA (M)	I (M)	FA (M)	I (M)	FA (M)	I (M)	FA (M)	I (M)
150	1,20	0,50	1,30	0,60	1,40	0,70	1,60	0,90	1,70	1,00
175	1,30	0,60	1,40	0,70	1,60	0,90	1,70	1,00	1,90	1,20
200	1,40	0,70	1,60	0,90	1,70	1,00	1,90	1,20	2,10	1,40
225	1,50	0,80	1,70	1,00	1,90	1,20	2,10	1,40	2,30	1,60
250	1,70	1,00	1,90	1,20	2,10	1,40	2,30	1,60	2,50	1,80

CGS-250.5G (F1max = 1400 Kg)										
Weight (Kg)	L=5 m		L=5,5 m		L=6 m		L=6,5 m		L=7 m	
	FA (M)	I (M)	FA (M)	I (M)	FA (M)	I (M)	FA (M)	I (M)	FA (M)	I (M)
300	2,20	1,30	2,40	1,50	2,60	1,70	2,70	1,80	2,90	2,00
350	2,50	1,60	2,70	1,80	2,90	2,00	3,10	2,20	3,30	2,40
400	2,70	1,80	3,00	2,10	3,20	2,30	3,50	2,60	3,70	2,80
450	3,10	2,20	3,30	2,40	3,60	2,70	3,90	3,00	4,20	3,30



Per maggiori informazioni consultare il configuratore online
For further information please use our online configurator



CGS-350.5 MINI PICCOLO GRANDE

CARATTERISTICHE

FEATURES

- Corpo monoblocco che assicura resistenza alla struttura
- Indicato per i climi più umidi in quanto evita la corrosione del carrello
- Cuscinetti silenziosi di nuova generazione schermati per una migliore protezione dalla polvere; adatti a temperature che vanno dai -30° ai +80°
- 4 ruote di supporto per ogni carrello
- Ruota centrale di allineamento
- Perno centrale di rotazione

- Monoblock body that ensures strenght to the structure
- Suitable to humid climate to avoid the carriage corrosion
- Noiseless bearings of new generation shielded to protect against dust suitable for temperatures from -30 ° C to + 80 ° C
- 4 support wheels for each carriage
- Alignment Central wheel
- Central rotation pin



- Carrello auto portante 5 ruote per cancelli a sbalzo
- 5 wheels cantilever carriage for gates
- Chariot autoportant 5 roues pour portails
- 5-rädriger Laufwagen für freitragende Tore

CGS-350.5M

CGS-350M	600 Kg	CGS-345M	4 x CGS-348 M16	zinc	1	5,2	178,135	

Categoria commerciale: 1Q



- Carrello auto portante 5 ruote per cancelli a sbalzo
- 5 wheels cantilever carriage for gates
- Chariot autoportant 5 roues pour portails
- 5-rädriger Laufwagen für freitragende Tore

CGS-350.5P

CGS-350P	1000 Kg	CGS-345P	6 x CGS-348 M16	zinc	1	11,0	272,321	

Categoria commerciale: 1Q

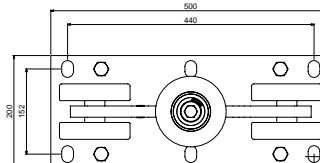
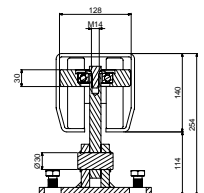
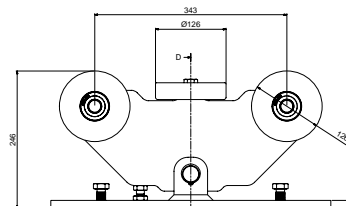
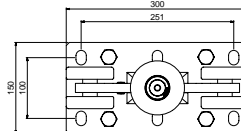
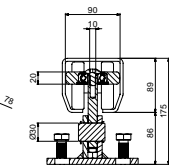
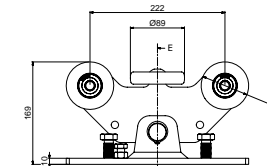
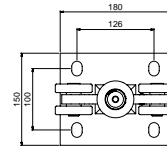
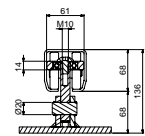
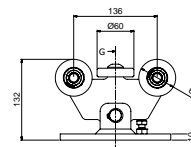


- Carrello auto portante 5 ruote per cancelli a sbalzo
- 5 wheels cantilever carriage for gates
- Chariot autoportant 5 roues pour portails
- 5-rädriger Laufwagen für freitragende Tore

CGS-350.5G

CGS-350G	2000 Kg	CGS-345G	6 x CGS-348 M20	zinc	1	37,0	505,966	

Categoria commerciale: 1Q



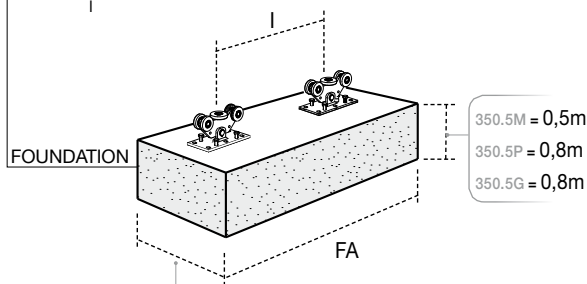
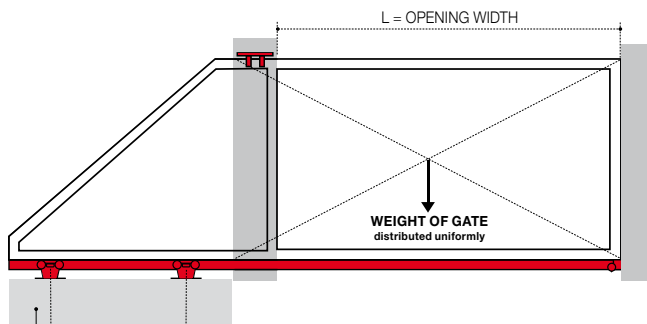
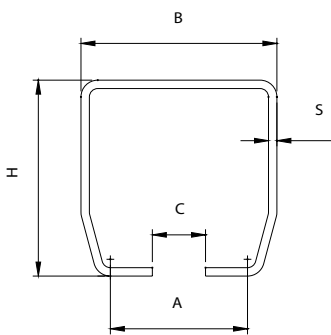


CGS-345 MINI PICCOLO GRANDE

- Monorotaia per cancelli auto-portanti
- Monorail for cantilever gates
- Rails pour portails autoportants
- Einfachschiene für selbsttragende Tore

			L	B	H	S			€	
GREZZA	CGS-345M	Mini	Raw	3000	68	68	3,5	1	18,3	101,792
	CGS-345M	Mini	Raw	6000	68	68	3,5	1	36,5	198,721
	CGS-345P	Piccolo	Raw	3000	100	89	5	1	35,0	189,232
	CGS-345P	Piccolo	Raw	6000	100	89	5	1	70,0	378,452
	CGS-345G	Grande	Raw	3000	140	140	6	1	67,0	565,652
CGS-345G	Grande	Raw	6000	140	140	6	1	134,0	1.131,262	
ZINCATA	CGS-345M	Mini	zinc	3000	68	68	3,5	1	18,3	121,928
	CGS-345M	Mini	zinc	6000	68	68	3,5	1	36,5	237,909
	CGS-345P	Piccolo	zinc	3000	100	89	5	1	35,0	227,198
	CGS-345P	Piccolo	zinc	6000	100	89	5	1	70,0	454,397
	CGS-345G	Grande	zinc	3000	140	140	6	1	67,0	615,563
CGS-345G	Grande	zinc	6000	140	140	6	1	134,0	1.231,113	

Categoria commerciale: 1R



350.5M = 0,5m
350.5P = 0,8m
350.5G = 0,8m

350.5M = 0,6
350.5P = 0,6
350.5G = 0,8



Per maggiori informazioni consultare il configuratore online
For further information please use our online configurator

CGS-350.5 M (F1max = 600 Kg)										
	L=3 m		L=3,5 m		L=4 m		L=4,5 m		L=5 m	
Weight (Kg)	FA (m)	I (m)	FA (m)	I (m)	FA (m)	I (m)	FA (m)	I (m)	FA (m)	I (m)
100	1,30	0,40	1,40	0,50	1,50	0,60	1,60	0,70	1,70	0,80
125	1,50	0,60	1,60	0,70	1,70	0,80	1,80	0,90	1,90	1,00
150	1,60	0,70	1,70	0,80	1,80	0,90	2,00	1,10	2,10	1,20
175	1,80	0,90	1,90	1,00	2,00	1,20	2,20	1,30	2,40	1,50
200	1,90	1,00	2,10	1,20	2,30	1,40	2,50	1,60	2,70	1,80
225	2,10	1,20	2,30	1,40	2,50	1,70	2,80	1,90	3,00	2,10
250	2,40	1,50	2,60	1,70	2,90	2,00	3,10	2,20	3,40	2,50

CGS-350.5 P (F1max = 1000 Kg)										
	L=4 m		L=5 m		L=6 m		L=7 m		L=8 m	
Weight (Kg)	FA (m)	I (m)	FA (m)	I (m)	FA (m)	I (m)	FA (m)	I (m)	FA (m)	I (m)
250	1,70	1,00	2,00	1,30	2,30	1,60	2,70	2,00	3,10	2,40
275	1,80	1,10	2,20	1,50	2,50	1,80	2,90	2,20	3,30	2,60
300	2,00	1,30	2,30	1,60	2,70	2,00	3,20	2,50	3,60	3,00
325	2,10	1,40	2,50	1,80	3,00	2,30	3,50	2,80	4,00	3,30
350	2,30	1,60	2,70	2,00	3,20	2,50	3,80	3,10	4,40	3,70
375	2,50	1,80	3,00	2,30	3,50	2,80	4,10	3,40	4,80	4,10
400	2,70	2,00	3,20	2,50	3,80	3,10	4,50	3,80	5,20	4,60

CGS-350.5 G (F1max = 2000 Kg)										
	L=6 m		L=7 m		L=8 m		L=9 m		L=10 m	
Weight (Kg)	FA (m)	I (m)	FA (m)	I (m)	FA (m)	I (m)	FA (m)	I (m)	FA (m)	I (m)
400	2,20	1,30	2,50	1,60	2,80	1,90	3,10	2,20	3,50	2,60
450	2,40	1,50	2,70	1,80	3,00	2,10	3,40	2,50	3,80	2,90
500	2,60	1,70	2,90	2,00	3,30	2,40	3,70	2,80	4,10	3,20
550	2,80	1,90	3,20	2,30	3,60	2,70	4,00	3,10	4,50	3,60
600	3,00	2,10	3,40	2,50	3,90	3,00	4,40	3,50	4,90	4,00
650	3,20	2,40	3,70	2,80	4,20	3,30	4,80	3,90	5,40	4,50
700	3,50	2,60	4,00	3,10	4,60	3,70	5,20	4,30	5,90	5,00



CGA-350.5 AL. MINI PICCOLO GRANDE

CARATTERISTICHE

FEATURES

- Corpo monoblocco che assicura resistenza alla struttura
- Indicato per i climi più umidi in quanto evita la corrosione del carrello
- I cuscinetti di nuova generazione schermati e silenziosi proteggono i carrelli dalla polvere; adatti a temperature che vanno dai -20° ai +60°.
- 4 ruote di supporto in nylon per monorotaia in alluminio
- Rotella centrale di allineamento
- Perno centrale di rotazione

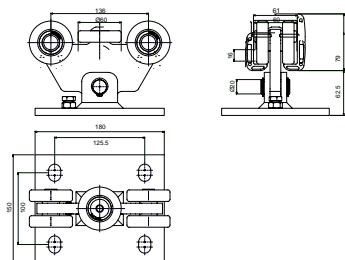
- Monoblock body that ensures strenght to the structure.
- Suitable to the humid climate to avoid the carriage corrosion
- Noiseless bearings of new generation shielded to protect against dust suitable for temperatures from -20 ° C to + 60 ° C
- 4 support nylon wheels specifically for aluminum monorail
- Alignment central wheel
- Central rotation pin



- Carrello autoportante 5 ruote in nylon per cancelli a sbalzo
- 5 nylon wheels cantilever carriage for gates
- Chariot autoportant 5 roues en nylon pour portails
- Laufwagen mit 5 Nylon-Rollen für freitragende Tore

CGA-350.5M

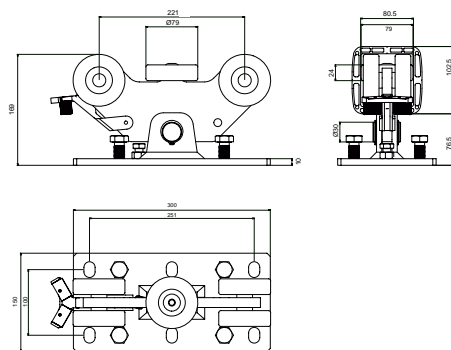
CGA-350.5M	450 Kg	CGA-345M	4 x CGS-348 M16	zinc 1	4,5 148,900
Categoria commerciale: 1Q					



- Carrello autoportante 5 ruote in nylon per cancelli a sbalzo
- 5 nylon wheels cantilever carriage for gates
- Chariot autoportant 5 roues en nylon pour portails
- Laufwagen mit 5 Nylon-Rollen für freitragende Tore

CGA-350.5P

CGA-350.5P	1000 Kg	CGA-345P	6 x CGS-348 M16	zinc 1	8,3 224,767
Categoria commerciale: 1Q					



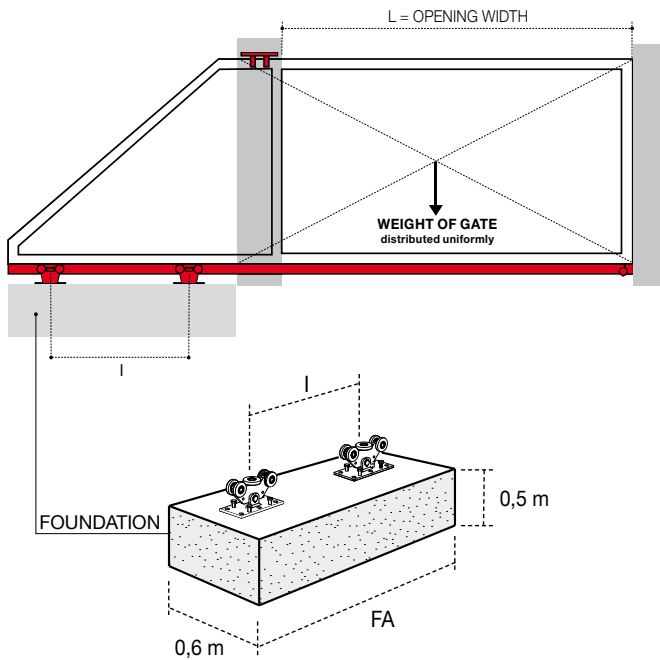
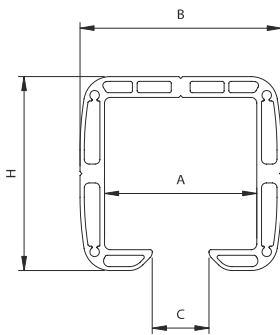


CGA-345 MINI PICCOLO GRANDE

- Monorotaia per cancelli auto-portanti
- Monorail for cantilever gates
- Rails pour portails autoportants
- Einfachschiene für selbsttragende Tore

			L	A	B	H	C			€
CGA-345M	Mini	Raw	3000	61	83	79	23	1	12	278,000
CGA-345M	Mini	Raw	6000	61	83	79	23	1	24	556,000
CGA-345P	Piccolo	Raw	3000	80,5	106,5	102,5	30	1	16	263,885
CGA-345P	Piccolo	Raw	6000	80,5	106,5	102,5	30	1	32	527,770

Categoria commerciale: 1R



CGA-350.5 M (F1max = 450 Kg)								
	L=2 m		L=2,5 m		L=3 m		L=3,5 m	
Weight (Kg)	FA (M)	I (M)	FA (M)	I (M)	FA (M)	I (M)	FA (M)	I (M)
75	0,90	0,30	1,00	0,40	1,10	0,50	1,20	0,60
100	1,00	0,40	1,10	0,50	1,20	0,60	1,40	0,80
125	1,20	0,60	1,30	0,70	1,40	0,80	1,60	1,00
150	1,30	0,70	1,50	0,90	1,70	1,10	1,90	1,30

CGA -350.5 P (F1max = 1000 Kg)										
	L=2,5 m		L=3 m		L=3,5 m		L=4 m		L=4,5 m	
Weight (Kg)	FA (m)	I (m)	FA (m)	I (m)	FA (m)	I (m)	FA (m)	I (m)	FA (m)	I (m)
100	0,90	0,20	1,00	0,30	1,00	0,40	2,00	1,30	1,20	0,50
125	1,00	0,30	1,10	0,40	1,10	0,40	2,20	1,50	1,30	0,60
150	1,10	0,40	1,10	0,40	1,20	0,50	2,30	1,60	1,40	0,70
175	1,10	0,40	1,20	0,50	1,30	0,60	2,60	1,90	1,50	0,80
200	1,20	0,50	1,30	0,60	1,40	0,70	2,80	2,10	1,60	0,90
225	1,30	0,60	1,40	0,70	1,50	0,80	3,00	2,30	1,70	1,00
250	1,30	0,60	1,40	0,80	1,60	0,90	3,30	2,60	1,80	1,20
275	1,40	0,70	1,50	0,80	1,70	1,00	3,50	2,80	2,00	1,30
300	1,50	0,80	1,60	1,00	1,80	1,10	3,90	3,20	2,10	1,50



Per maggiori informazioni consultare il configuratore online
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CGS-250.8 MINI PICCOLO GRANDE

CARATTERISTICHE

- Corpo multi-forma brevettato
- Cuscinetti silenziosi di nuova generazione schermati per una migliore protezione dalla polvere; adatti a temperature che vanno dai -30° ai +80°
- Autobilanciato
- 8 ruote di supporto per ogni carrello
- Allineamento longitudinale su 16 ruote
- Perno centrale di rotazione

FEATURES

- Patented multiplate body
- Noiseless bearings of new generation shielded to protect against dust suitable for temperatures from -30 ° C to + 80 ° C
- Self-balancing
- 8 support wheels for each carriage
- Longitudinal alignment on 16 wheels
- Central rotation stiffened pin

MULTIPLATE BODY

2RS BEARINGS DOUBLE

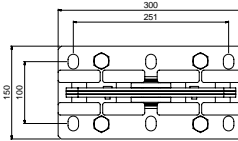
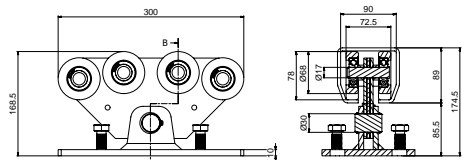
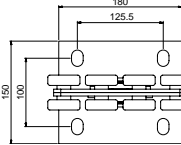
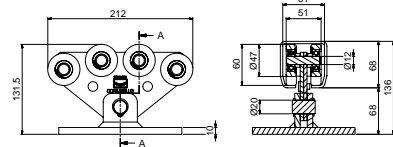


-Carrello auto portante 8 ruote per cancelli a sbalzo
-8 wheels cantilever carriage for gates
-Chariot autoportant 8 roues pour portails
-8-rädrieger Laufwagen für freitragende Tore

CGS-250.8M

CGS-250.8M	950 Kg	CGS-245M	4 x CGS-348 M16	zinc	1	5,0 150,368

Categoria commerciale: 1Q



-Carrello auto portante 8 ruote per cancelli a sbalzo
-8 wheels cantilever carriage for gates
-Chariot autoportant 8 roues pour portails
-8-rädrieger Laufwagen für freitragende Tore

CGS-250.8P

CGS-250.8P	1550 Kg	CGS-245P	6 x CGS-348 M16	zinc	1	11,8 259,217

Categoria commerciale: 1Q

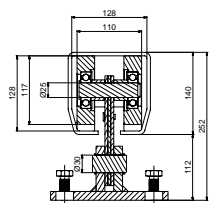
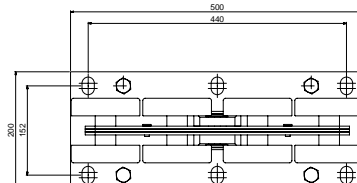
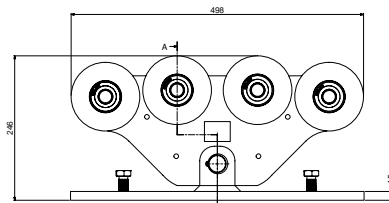


-Carrello auto portante 8 ruote per cancelli a sbalzo
-8 wheels cantilever carriage for gates
-Chariot autoportant 8 roues pour portails
-8-rädrieger Laufwagen für freitragende Tore

CGS-250.8G

CGS-250.8G	2500 Kg	CGS-245G	6 x CGS-348 M20	zinc	1	40,0 456,965

Categoria commerciale: 1Q



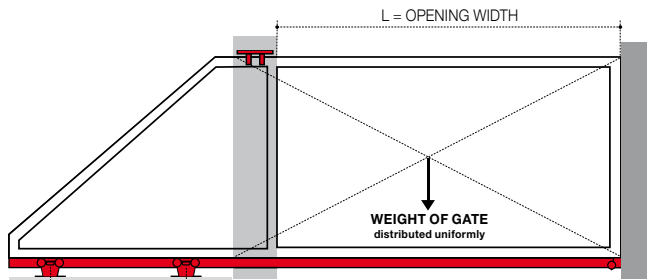
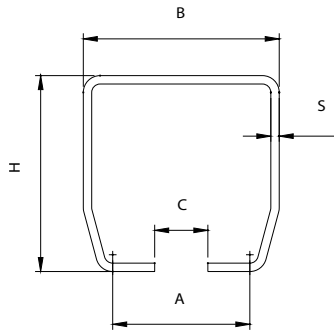


CGS-245 MINI PICCOLO GRANDE

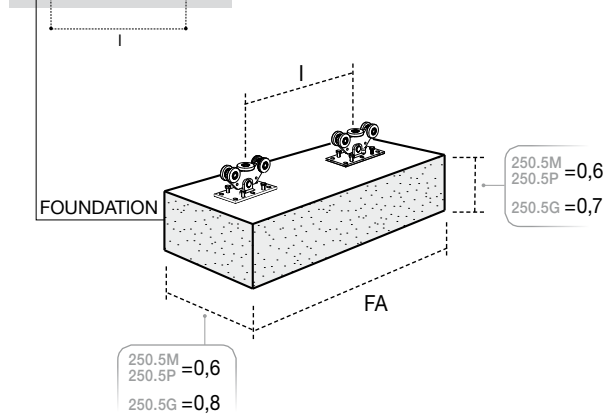
- Monorotaia per cancelli auto-portanti
- Monorail for cantilever gates
- Rails pour portails autoportants
- Einfachschiene für selbsttragende Tore

			L	B	H	S				
GREZZA	CGS-245M	Mini	Raw	3000	68	68	3,5	1	18,3	97,626
	CGS-245M	Mini	Raw	6000	68	68	3,5	1	36,5	180,916
	CGS-245P	Piccolo	Raw	3000	100	89	5	1	35,0	184,158
	CGS-245P	Piccolo	Raw	6000	100	89	5	1	70,0	366,944
	CGS-245G	Grande	Raw	3000	140	140	6	1	67,0	464,452
CGS-245G	Grande	Raw	6000	140	140	6	1	134,0	916,050	
ZINCATA	CGS-245M	Mini	Zinc	3000	68	68	3,5	1	18,3	106,355
	CGS-245M	Mini	Zinc	6000	68	68	3,5	1	36,5	212,461
	CGS-245P	Piccolo	Zinc	3000	100	89	5	1	35,0	200,990
	CGS-245P	Piccolo	Zinc	6000	100	89	5	1	70,0	400,484
	CGS-245G	Grande	Zinc	3000	140	140	6	1	67,0	498,485
CGS-245G	Grande	Zinc	6000	140	140	6	1	134,0	984,751	

Categoria commerciale: 1R



CGS-250.8 M (F1max = 950 Kg)									
Weight (Kg)	L=2 m		L=2,5 m		L=3 m		L=3,5 m		
	FA (M)	I (M)	FA (M)	I (M)	FA (M)	I (M)	FA (M)	I (M)	
200	1,10	0,50	1,20	0,60	1,30	0,70	1,50	0,90	
250	1,30	0,70	1,40	0,80	1,50	0,90	1,80	1,20	
300	1,50	0,90	1,60	1,00	1,80	1,20	2,10	1,50	
350	1,70	1,10	1,90	1,30	2,10	1,50	2,50	1,90	



CGS-250.8 P (F1max = 1550 Kg)										
Weight (Kg)	L=2,5 m		L=3 m		L=3,5 m		L=4 m		L=4,5 m	
	FA (M)	I (M)	FA (M)	I (M)	FA (M)	I (M)	FA (M)	I (M)	FA (M)	I (M)
400	1,40	0,70	1,50	0,90	1,70	1,00	1,80	1,10	1,90	1,20
450	1,60	0,90	1,70	1,00	1,80	1,10	2,00	1,30	2,10	1,40
500	1,70	1,00	1,80	1,20	2,00	1,30	2,20	1,50	2,30	1,60
550	1,80	1,10	2,00	1,30	2,20	1,50	2,40	1,70	2,60	1,90
600	2,00	1,30	2,20	1,50	2,40	1,70	2,60	1,90	2,90	2,20

CGS-250.5G (F1max = 2500 Kg)										
Weight (Kg)	L=5 m		L=5,5 m		L=6 m		L=6,5 m		L=7 m	
	FA (M)	I (M)	FA (M)	I (M)	FA (M)	I (M)	FA (M)	I (M)	FA (M)	I (M)
500	1,90	1,00	2,00	1,10	2,10	1,20	2,30	1,40	2,40	1,50
550	2,00	1,10	2,10	1,20	2,30	1,40	2,40	1,50	2,50	1,60
600	2,10	1,20	2,30	1,40	2,40	1,50	2,60	1,70	2,70	1,80
650	2,30	1,40	2,40	1,50	2,60	1,70	2,70	1,80	2,90	2,00



Per maggiori informazioni consultare il configuratore online
For further information please use our online configurator



- Carrello auto portante 8 ruote per cancelli a sbalzo
- 8 wheels cantilever carriage for gates
- Chariot autoportant 8 roues pour portails
- 8-rädrieger Laufwagen für freitragende Tore

CGS-350.8M

CGS-350.8M	1200 Kg	CGS-345M	4 x CGS-348 M16	zinc	1	6,5	271,486	

Categoria commerciale: 1Q

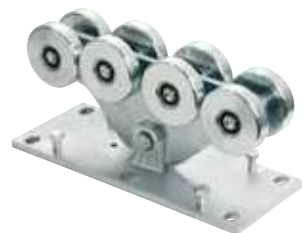


- Carrello auto portante 8 ruote per cancelli a sbalzo
- 8 wheels cantilever carriage for gates
- Chariot autoportant 8 roues pour portails
- 8-rädrieger Laufwagen für freitragende Tore

CGS-350.8P

CGS-350.8P	2000 Kg	CGS-345P	6 x CGS-348 M16	zinc	1	12,0	314,938	

Categoria commerciale: 1Q



- Carrello auto portante 8 ruote per cancelli a sbalzo
- 8 wheels cantilever carriage for gates
- Chariot autoportant 8 roues pour portails
- 8-rädrieger Laufwagen für freitragende Tore

CGS-350.8G

CGS-350.8G	4000 Kg	CGS-345G	6 x CGS-348 M20	zinc	1	44,0	591,636	

Categoria commerciale: 1Q

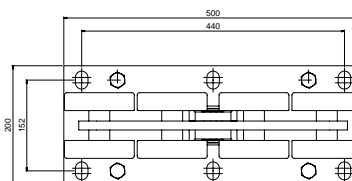
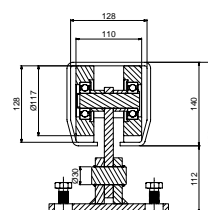
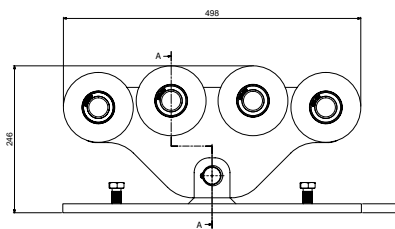
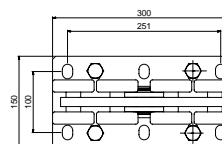
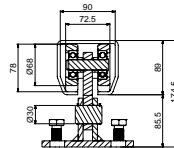
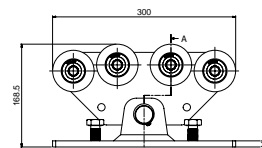
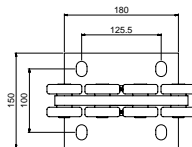
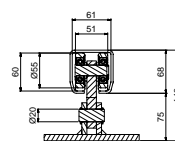
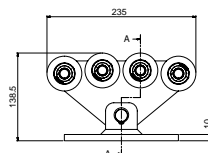
CGS-350.8 MINI PICCOLO GRANDE

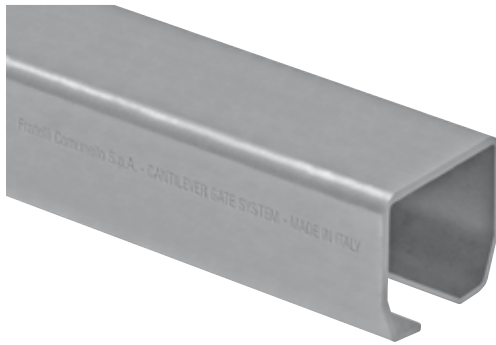
CARATTERISTICHE

- Corpo monoblocco che assicura resistenza alla struttura
- Indicato per i climi più umidi in quanto evita la corrosione del carrello
- I cuscinetti di nuova generazione schermati e silenziosi proteggono i carrelli dalla polvere; adatti a temperature che vanno dai -30° ai +80°.
- Autobilanciato
- 8 ruote di supporto per ogni carrello
- Allineamento longitudinale su 16 ruote
- Perno centrale di rotazione

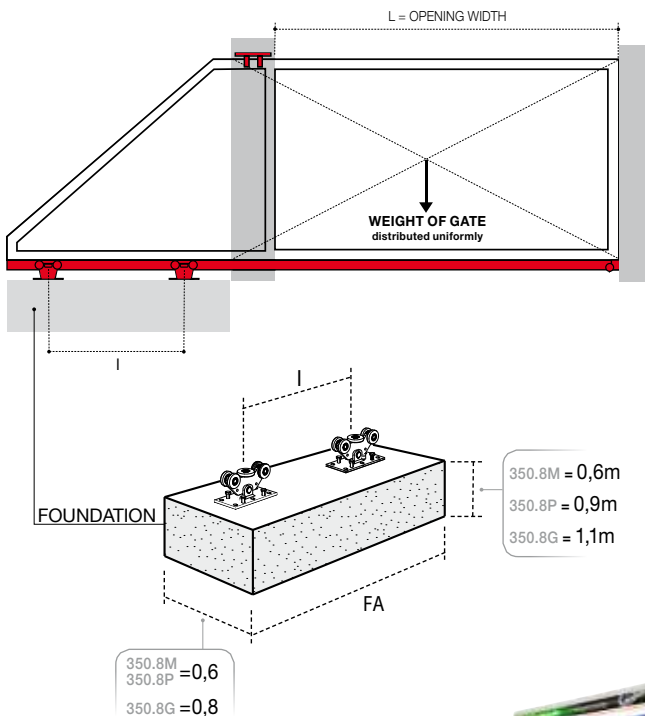
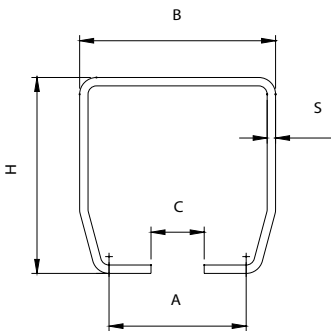
FEATURES

- Monoblock body that ensure strenght to the structure
- Suitable to the humid climate to avoid the carriage corrosion
- Noiseless bearings of new generation shielded to protect against dust suitable for temperatures from -30 ° C to + 80 ° C
- Self-balancing
- 8 support wheels for each carriage
- Longitudinal alignment on 16 wheels
- Central rotation pin





- Monorotaia per cancelli auto-portanti
- Monorail for cantilever gates
- Rails pour portails autoportants
- Einfachschiene für selbsttragende Tore



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CGS-345 MINI PICCOLO GRANDE

			L	B	H	S				
GREZZA	CGS-345M	Mini	Raw	3000	68	68	3,5	1	18,3	101,792
	CGS-345M	Mini	Raw	6000	68	68	3,5	1	36,5	198,721
	CGS-345P	Piccolo	Raw	3000	100	89	5	1	35,0	189,232
	CGS-345P	Piccolo	Raw	6000	100	89	5	1	70,0	378,452
	CGS-345G	Grande	Raw	3000	140	140	6	1	67,0	565,652
CGS-345G	Grande	Raw	6000	140	140	6	1	134,0	1.131,262	

ZINCATO	CGS-345M	Mini	zinc	3000	68	68	3,5	1	18,3	121,928
	CGS-345M	Mini	zinc	6000	68	68	3,5	1	36,5	237,909
	CGS-345P	Piccolo	zinc	3000	100	89	5	1	35,0	227,198
	CGS-345P	Piccolo	zinc	6000	100	89	5	1	70,0	454,397
	CGS-345G	Grande	zinc	3000	140	140	6	1	67,0	615,563
	CGS-345G	Grande	zinc	6000	140	140	6	1	134,0	1.231,113

Categoria commerciale: 1R

CGS-350.8 M (F1max = 1200 Kg)

	L=3 m		L=4 m		L=5 m		L=6 m		L=7 m	
Weight (Kg)	FA (m)	I (m)	FA (m)	I (m)	FA (m)	I (m)	FA (m)	I (m)	FA (m)	I (m)
100	1,10	0,20	1,20	0,30	1,20	0,30	1,30	0,40	1,40	0,50
150	1,20	0,30	1,30	0,40	1,40	0,50	1,50	0,60	1,60	0,70
200	1,30	0,40	1,40	0,50	1,60	0,70	1,70	0,80	1,90	1,00
250	1,40	0,50	1,60	0,70	1,80	0,90	1,90	1,00	2,10	1,20
300	1,50	0,60	1,70	0,90	2,00	1,10	2,20	1,30	2,40	1,50
350	1,70	0,80	1,90	1,00	2,20	1,30	2,50	1,60	2,80	1,90
400	1,90	1,00	2,20	1,30	2,50	1,60	2,80	1,90	3,10	2,20
450	2,00	1,10	2,40	1,50	2,80	1,90	3,20	2,30	3,60	2,70
500	2,30	1,40	2,70	1,80	3,10	2,20	3,60	2,70	4,10	3,20

CGS-350.8 P (F1max = 2000 Kg)

	L=4 m		L=5 m		L=6 m		L=7 m		L=8 m	
Weight (Kg)	FA (m)	I (m)	FA (m)	I (m)	FA (m)	I (m)	FA (m)	I (m)	FA (m)	I (m)
400	1,40	0,70	1,60	0,90	1,70	1,00	1,90	1,20	2,10	1,40
450	1,50	0,80	1,70	1,00	1,90	1,20	2,10	1,40	2,30	1,60
500	1,60	0,90	1,80	1,10	2,10	1,40	2,30	1,60	2,60	1,90
550	1,70	1,00	2,00	1,30	2,20	1,50	2,50	1,80	2,80	2,10
600	1,80	1,10	2,10	1,40	2,40	1,70	2,70	2,00	3,00	2,40
650	2,00	1,30	2,30	1,60	2,60	1,90	3,00	2,30	3,30	2,60
700	2,10	1,40	2,50	1,80	2,80	2,10	3,20	2,50	3,60	2,90
750	2,30	1,60	2,70	2,00	3,10	2,40	3,50	2,80	3,90	3,30
800	2,40	1,80	2,90	2,20	3,30	2,60	3,80	3,10	4,30	3,60

CGS-350.8 G (F1max = 4000 Kg)

	L=8 m		L=10 m		L=12 m		L=14 m		L=16 m	
Weight (Kg)	FA (m)	I (m)	FA (m)	I (m)	FA (m)	I (m)	FA (m)	I (m)	FA (m)	I (m)
800	2,40	1,50	2,80	1,90	3,30	2,40	3,80	2,90	4,40	3,50
850	2,50	1,60	2,90	2,00	3,40	2,50	4,00	3,10	4,60	3,70
900	2,60	1,70	3,10	2,20	3,60	2,70	4,20	3,30	4,90	4,00
950	2,70	1,80	3,20	2,30	3,80	2,90	4,40	3,50	5,10	4,20
1000	2,80	1,90	3,30	2,50	4,00	3,10	4,60	3,70	5,30	4,40
1050	2,90	2,00	3,50	2,60	4,10	3,20	4,80	3,90	5,60	4,70
1100	3,00	2,10	3,70	2,80	4,30	3,40	5,10	4,20	5,90	5,00
1150	3,20	2,30	3,80	2,90	4,50	3,60	5,30	4,40	6,20	5,30
1200	3,30	2,40	4,00	3,10	4,70	3,80	5,60	4,70	6,50	5,60

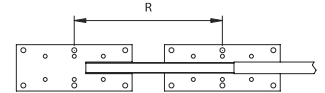


- Contro piastra per carrelli piccolo e grande
- Counter plate for carriages -small and large
- Contre-plaque pour chariots - petit e grand
- Gegenplatte für Laufwagen gross und klein

CG-05

CG-05P	Piccolo	zinc	2	2,7	60,409
CG-05G	Grande	zinc	2	6,0	98,535

Categoria commerciale: 1T

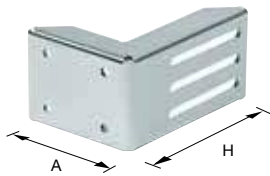


- Dima di allineamento ancoranti e fissaggio carrelli
- Alignment tie rods template and fixture of the carriages
- Calibre d'alignement des tirants et fixation chariots
- Lehre für die Aufreihung der Gewindestangen und für die Laufwagenbefestigung

CG-10

	R				
CG-10	500-5400	zinc	1	20,0	432,353

Categoria commerciale: 1T



- Staffa angolare regolabile fissaggio a muro per incontro
- Adjustable wall mounting angle racket for end cup
- Platine angulaire réglable fixation au mur pour butée
- Verstellbare Eckmauerhalterung für Auflageschuh

CG-15

	A	H					
CG-15M	155	165	Mini	zinc	1	2,6	97,721
CG-15P	155	190	Piccolo	zinc	1	2,9	98,128
CG-15G	155	220	Grande	zinc	1	3,3	100,102

Categoria commerciale: 1T



- Terminale senza ruota per monorotaia
- End stopper without wheel for monorail
- Embout d'extrémité sans galet pour rail
- Endpfropfen für Einfachschiene ohne Rail

CG-20

CG-20M	Mini	zinc	2	1,6	35,547
CG-20P	Piccolo	zinc	2	2,3	45,591
CG-20G	Grande	zinc	2	3,9	54,141

Categoria commerciale: 1T

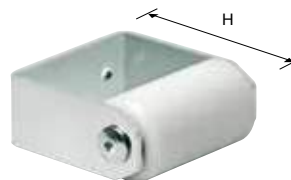


- Terminale per monorotaia in alluminio
- End stopper for aluminium monorail
- Embout d'extrémité pour rail en aluminium
- Endpfropfen für Einfachschiene aus Aluminium

CGA-20

CGA-20M	Mini	zinc	2	0,44	12,50
CGA-20P	Piccolo	zinc	2	0,52	14,633

Categoria commerciale: 1T

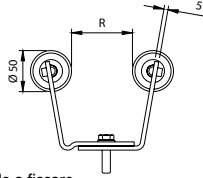


- Incontro inferiore con rullo in nylon
- Lower end cup with nylon roller
- Butée inférieure avec rouleau en nylon
- Unterauflageschuh mit Nylonrolle

CG-25

CG-25M	Mini	zinc	2	1,6	43,493
CG-25P	Piccolo	zinc	2	2,5	56,720
CG-25G	Grande	zinc	2	4,9	104,433

Categoria commerciale: 1T



-Incontro per cancelli regolabile a fissare
-Adjustable end cup to be fixed for gates
-Butée réglable à fixer pour portails
-Verstellbarer Auflageschuh zum Aufschrauben für Tore

CG-30

			R			€
CG-30M	Mini	zinc	53-76	1	1,5	78,325
CG-30P	Piccolo	zinc	86-114	1	1,9	100,238
CG-30G	Grande	zinc	103-150	1	2,2	102,360

Categoria commerciale: 1S



-Incontro per cancelli regolabile a fissare
-Adjustable end cup to be fixed for gates
-Butée réglable à fixer pour portails
-Verstellbarer Auflageschuh zum Aufschrauben für Tore

CG-32

			R			€
CG-32M	-	zinc	-	1 kit	0,9	26,000

Categoria commerciale: 1S



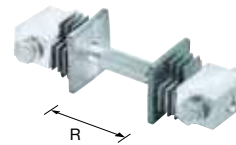
-Supporto intermedio di sostegno con rullo in nylon
-Intermediate support with nylon roller
-Support intermédiaire de soutien avec rouleau en nylon
-Mittlerer Stütze für selbsttragende Tore

CG-35



			H			€
CG-35P	Piccolo	zinc	95	1	1,4	58,904
CG-35G	Grande	zinc	120	1	3,1	98,856

Categoria commerciale: 1T

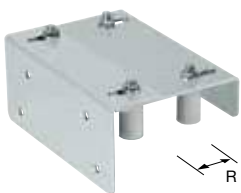


-Tirante in acciaio zincato per regolazioni cancelli
-Tension bar for gate regulation
-Tirants pour réglage portails
-Ankerbolzen zur Torregulierung

CG-40

			R			€
CG-40	zinc		50-100	1	1,3	49,608

Categoria commerciale: 1T

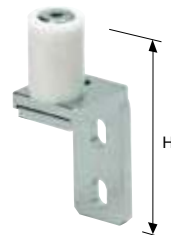


-Piastra guida cancello regolabile con ala lunga a fissare
-Adjustable gate guide to be fixed with long side plate
-Plaque guide portail réglable à fixer avec aile longue
-Verstellbare Torführungsplatte mit langem Flügel zum Aufschrauben

CG-251

			R			€
CG-251	L=350 Ø40	zinc	70-110	1	6,7	82,668

Categoria commerciale: 1S

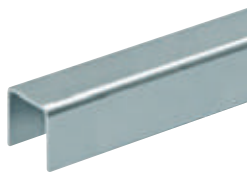


-Supporto anti deragliamento regolabile per art. CG-254
-Adjustable support against derailment for art. CG-254
-Support réglable anti-déraillement pour art. CG-354
-Verstellbares Lager gegen Entgleisung für CG-354

CG-252

			H			€
CG-252	Ø 40	zinc	167	2	1,9	35,214

Categoria commerciale: 1S



- Canalina a "U" per supporto anti deragliamento
- U channel for supports against derailment
- Caniveau à U pour supports anti-déraillement
- U-Einfachschiene für Stütze gegen Entgleisung

CG-254

CG-254	L=3000	zinc	1	13,0	88,837

Categoria commerciale: 1S



- Rullo in gomma guida cancello
- Rubber roller for guiding gate
- Rouleau en caoutchouc guide-portail
- Torführungsrolle aus Schwarz Gummi

CG-256

CG-256-40	zinc	2	0,8	72,476
CG-256-50	zinc	2	1,7	72,476

Categoria commerciale: 1S



- Ancorante filettato per carrelli CGS 350 e CGS 350.8
- Threaded tie rods for carriages CGS 350 and CGS 350.8
- Tirant fileté pour chariots CGS 350 et CGS 350.8
- Gewindestange für Laufwagen CGS 350 e CGS 350.8

CG-348

CG-348	M16	zinc	12	8,3	11,956
CG-348	M20	zinc	12	13,2	22,567

Categoria commerciale: 1T



- Incontro inferiore a fissare
- Bottom end cup to be fixed
- Butée inférieure à fixer
- Unterauflageschuh zum Aufschrauben

CGA-346M

CGA-346M	Mini	zinc	2	2	24,000

Categoria commerciale: 1T



- Ruota terminale in nylon per monorotaia in alluminio
- Nylon end wheel for aluminium monorail
- Galet d'extrémité en nylon pour rail en aluminium
- Nylon-Endrolle für Einfachschiene aus Aluminium

CGA-347

CGA-347M	Mini	zinc	2	2,1	37,000
CGA-347P	Piccolo	zinc	2	3,4	49,428

Categoria commerciale: 1T



- Incontro inferiore a fissare
- Bottom end cup to be fixed
- Butée inférieure à fixer
- Unterauflageschuh zum Aufschrauben

CGS-346

CGS-346M	Mini	zinc	2	2,1	21,272
CGS-346P	Piccolo	zinc	2	3,3	25,467
CGS-346G	Grande	zinc	2	7,4	43,752

Categoria commerciale: 1T





-Ruota terminale per monorotaia
-End wheel for monorail
-Galet d'extrémité pour rail
-Endrad für Einfachschiene

CGS-347



CGS-347M	Mini	zinc	terminale in nylon	2	2,1	35,189
CGS-347P	Piccolo	zinc		2	3,4	48,503
CGS-347G	Grande	zinc		2	8,4	79,447

Categoria commerciale: 1T

KIT GATE

SEMPLICE
EASY

SICURO
SAFE

AFFIDABILE
RELIABLE

150 - 300K

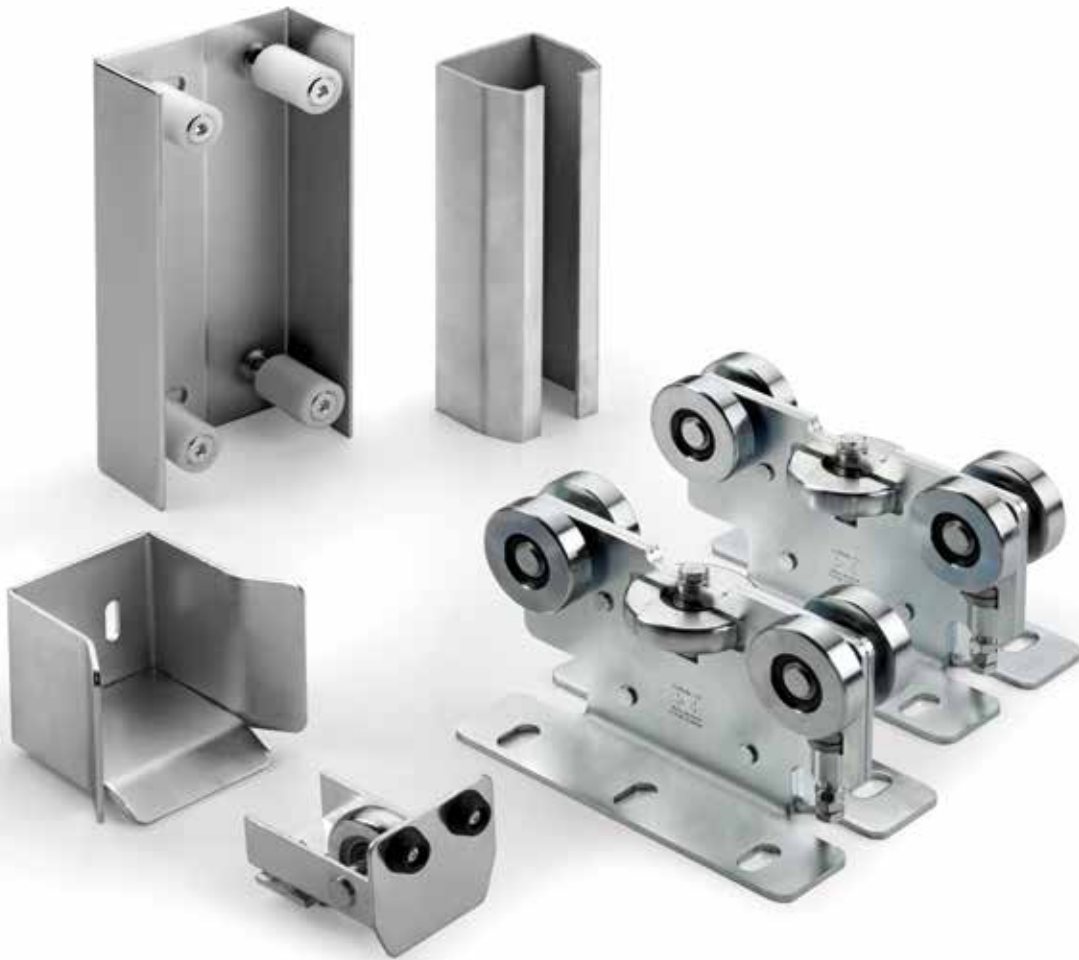
CGA 150 - 300K

150 - 600K

CGA 150 - 600K



Soluzioni semplici e sicure per cancelli residenziali autoportanti
Reliable solutions for all kinds of residential cantilever gate



KIT 150-300K

- Kit per cancelli autoportanti fino a 300Kg di peso
- Kit for cantilever gates, weight up to 300 kg
- Kit pour portails autoportants jusqu'à 300 kilos de poids
- Kit für selbsttragende Tore mit Gewicht bis 300 kg

PATENTED

KIT 150-300 Basic 3M	zinc	1	47,3	461,329
KIT 150-300 Basic 6M	zinc	1	46,8	461,329
KIT 150-300 Top 3M	zinc	1	48,3	486,266
KIT 150-300 Top 6M	zinc	1	48,3	486,266

Categoria commerciale: 1U

KIT 150-600K

- Kit per cancelli autoportanti fino a 600Kg di peso
- Kit for cantilever gates, weight up to 600 kg
- Kit pour portails autoportants jusqu'à 600 kilos de poids
- Kit für selbsttragende Tore mit Gewicht bis 600 kg

PATENTED

KIT 150-600 Basic 3M	zinc	1	127,7	972,532
KIT 150-600 Basic 6M	zinc	1	163,2	1.147,089
KIT 150-600 Top 3M	zinc	1	132,4	1.022,405
KIT 150-600 Top 6M	zinc	1	168,0	1.196,962

Categoria commerciale: 1U



KIT CGA 150-300K

- Kit per cancelli autoportanti fino a 300Kg di peso
- Kit for cantilever gates, weight up to 300 kg
- Kit pour portails autoportants jusqu'à 300 kilos de poids
- Kit für selbsttragende Tore mit Gewicht bis 300 kg

PATENTED

KIT CGA 150-300	zinc	1	8,5	350,000
Categoria commerciale: 1U				

KIT CGA 150-600K

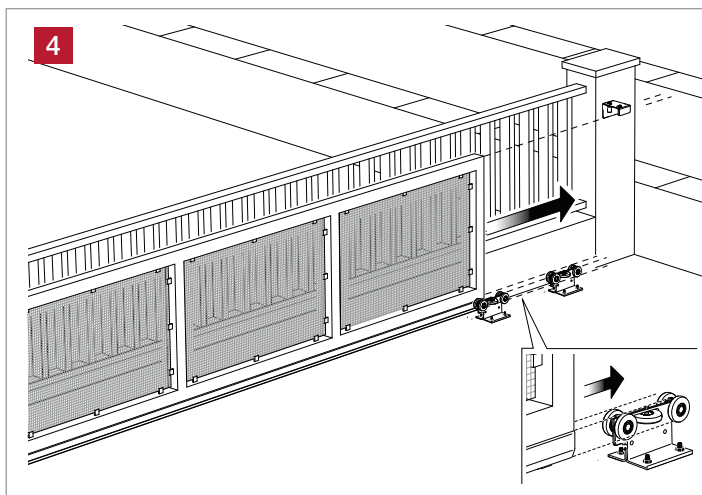
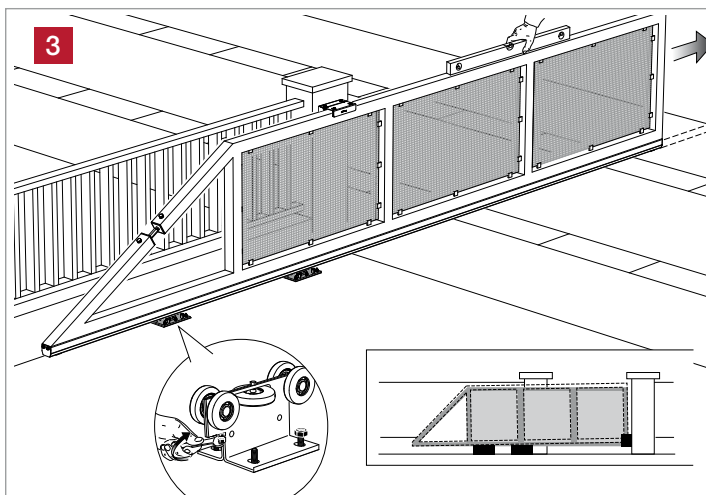
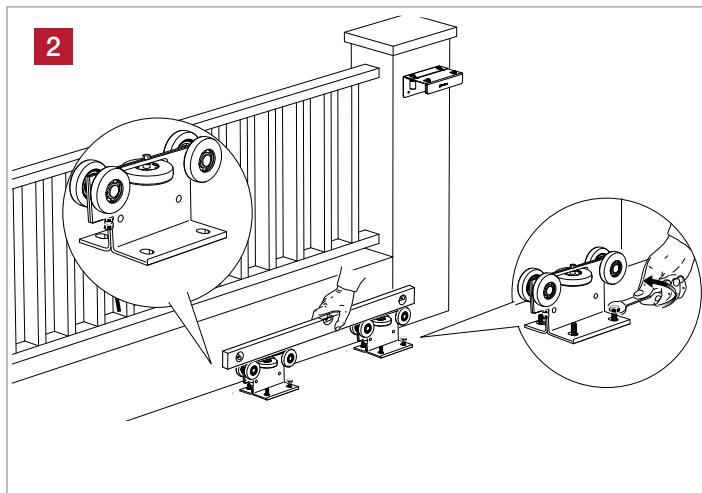
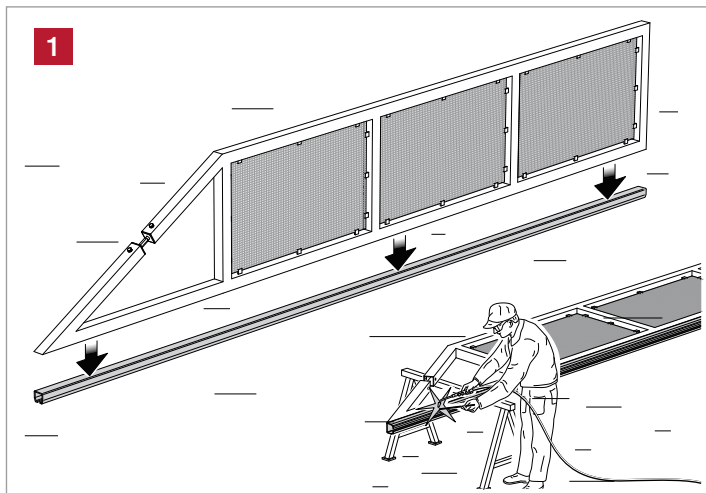
- Kit per cancelli autoportanti fino a 600Kg di peso
- Kit for cantilever gates, weight up to 600 kg
- Kit pour portails autoportants jusqu'à 600 kilos de poids
- Kit für selbsttragende Tore mit Gewicht bis 600 kg

PATENTED

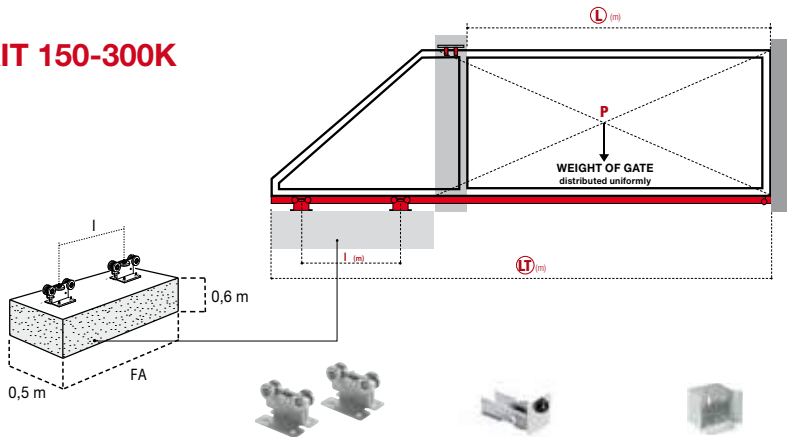
KIT CGA 150-600	zinc	1	16,2	600,000
Categoria commerciale: 1U				

☐ 150 - 300K

☐ 150 - 600K



KIT 150-300K

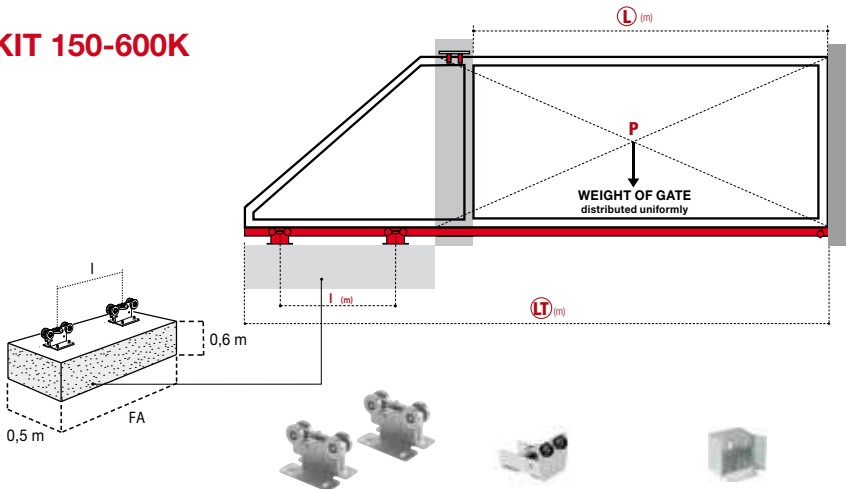


CGS-150.5 M Capacity = 700 kg						
P	L=2 m		L=2,5 m		L=3 m	
WEIGHT OF GATE (Kg)	FA (m)	I (m)	FA (m)	I (m)	FA (m)	I (m)
100	0,9	0,3	1,0	0,4	1,0	0,4
125	1,0	0,4	1,0	0,4	1,1	0,5
150	1,0	0,4	1,1	0,5	1,2	0,6
200	1,2	0,6	1,3	0,7	1,4	0,8
250	1,4	0,8	1,5	0,9	1,7	1,1
300	1,6	1,4	1,8	1,3	2,1	1,5

ORDER CODE	CGS 150.5M	CGS 347M	CGS 346M	230	255	CGS 245M
KIT 150-300K TOP 6M	2 mini	1	1		1 (220 / Ø30)	1 (6 m)
KIT 150-300K TOP 3M	2 mini	1	1		1 (220 / Ø30)	2 (3 m)

ORDER CODE	CGS 150.5M	CGS 347M	CGS 346M	230	CGS 245M
KIT 150-300K BASIC 6M	2 mini	1	1	4 x Ø30	1 (6 m)
KIT 150-300K BASIC 3M	2 mini	1	1	4 x Ø30	2 (3 m)

KIT 150-600K



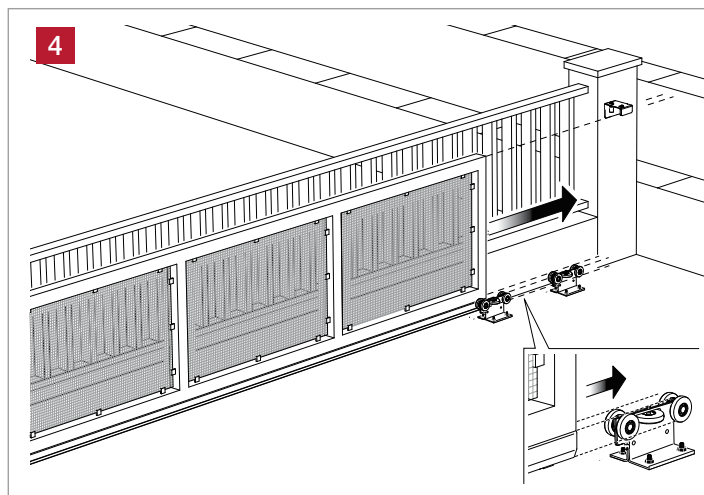
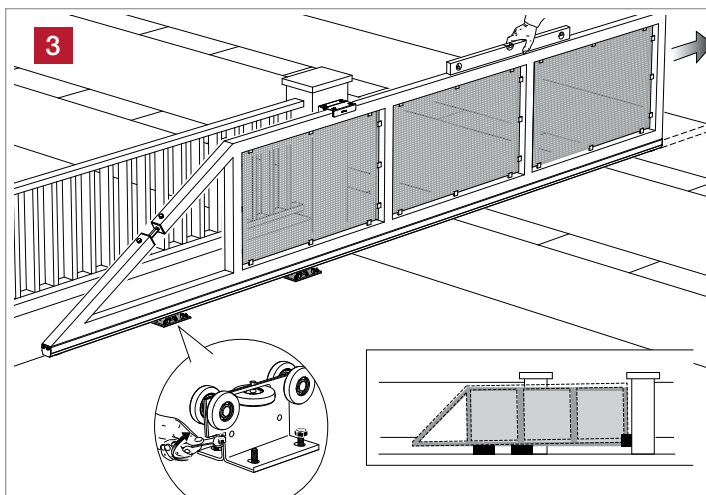
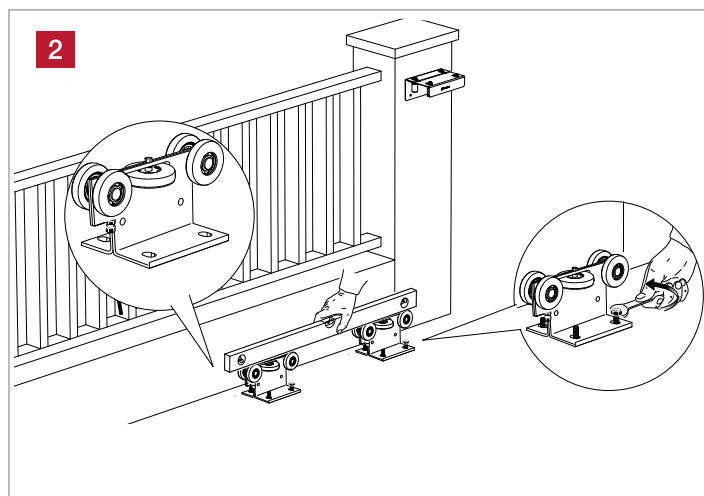
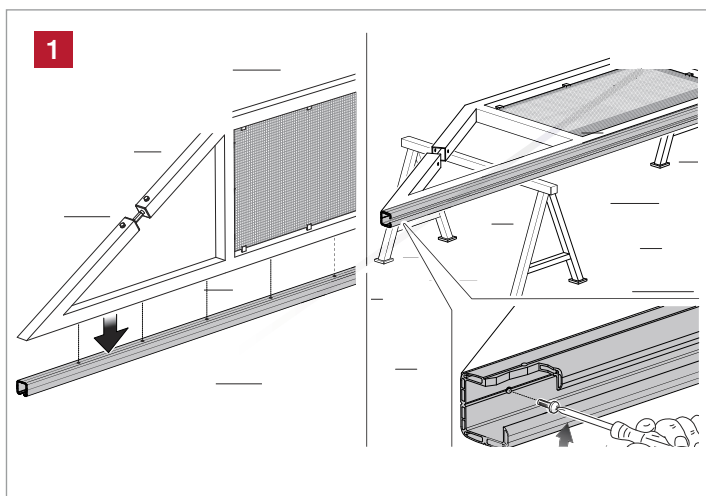
CGS-150.5 P Capacity = 1300 kg						
P	L= 4 m		L= 5 m		L= 6 m	
WEIGHT OF GATE (Kg)	FA (m)	I (m)	FA (m)	I (m)	FA (m)	I (m)
350	1,8	1,1	2,1	1,4	2,4	1,7
400	2,0	1,3	2,3	1,6	2,7	2,0
450	2,2	1,5	2,6	1,9	3,1	2,4
500	2,5	1,8	2,3	3,0	3,5	2,8
550	2,8	2,1	3,3	2,6	3,9	3,2
600	3,2	2,5	3,8	3,1	4,5	3,8

ORDER CODE	CGS 150.5P	CGS 347P	CGS 346P	255	CGS 245P
KIT 150-600K TOP 6M	2 piccolo	1	1	1 (350 / Ø40)	2 (6 m)
KIT 150-600K TOP 3M	2 piccolo	1	1	1 (350 / Ø40)	3 (3 m)

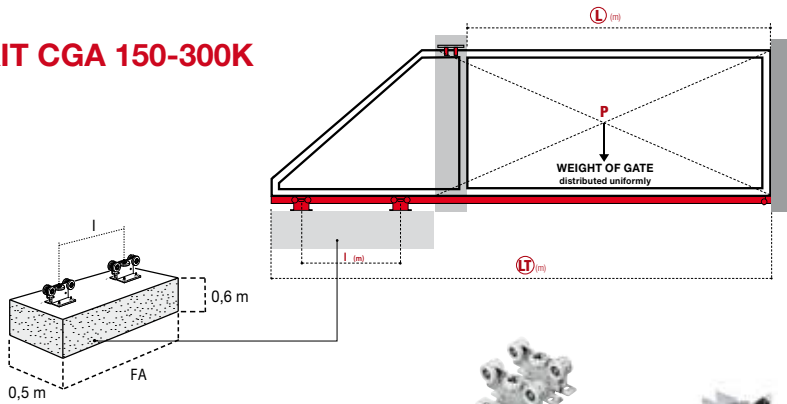
ORDER CODE	CGS 150.5P	CGS 347P	CGS 346P	230	CGS 245P
KIT 150-600K BASIC 6M	2 piccolo	1	1	4 x Ø40	2 (6 m)
KIT 150-600K BASIC 3M	2 piccolo	1	1	4 x Ø40	3 (3 m)

☐ CGA 150 - 300K

☐ CGA 150 - 600K



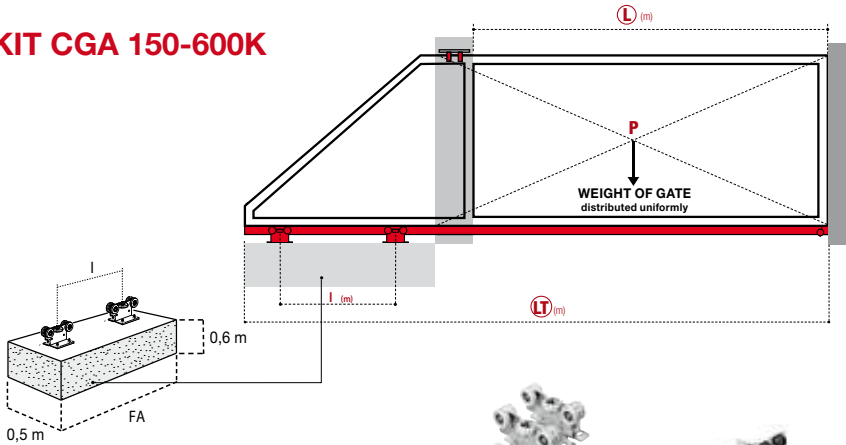
KIT CGA 150-300K



CGA-150.5 M Capacity = 700 kg						
P	L=2 m		L=2,5 m		L=3 m	
WEIGHT OF GATE (Kg)	FA (m)	I (m)	FA (m)	I (m)	FA (m)	I (m)
100	0,9	0,3	1,0	0,4	1,0	0,4
125	1,0	0,4	1,0	0,4	1,1	0,5
150	1,0	0,4	1,1	0,5	1,2	0,6
200	1,2	0,6	1,3	0,7	1,4	0,8
250	1,4	0,8	1,5	0,9	1,7	1,1
300	1,6	1,4	1,8	1,3	2,1	1,5

ORDER CODE	CGS 150.5M	CGS 347M	CGA 346M	CGA 20M
KIT CGA 150-300K	2 mini	1	1	1

KIT CGA 150-600K



CGA-150.5 P Capacity = 1300 kg						
P	L= 4 m		L= 5 m		L= 6 m	
WEIGHT OF GATE (Kg)	FA (m)	I (m)	FA (m)	I (m)	FA (m)	I (m)
350	1,8	1,1	2,1	1,4	2,4	1,7
400	2,0	1,3	2,3	1,6	2,7	2,0
450	2,2	1,5	2,6	1,9	3,1	2,4
500	2,5	1,8	2,3	3,0	3,5	2,8
550	2,8	2,1	3,3	2,6	3,9	3,2
600	3,2	2,5	3,8	3,1	4,5	3,8

ORDER CODE	CGS 150.5P	CGS 347P	CGS 346P	CGA 20P
KIT CGA 150-600K	2 piccolo	1	1	1



- Piastra inferiore con perno sferico
- Bottom plate with spherical pin
- Platine inférieur et pivot sphérique
- Bodenplatte mit Drehstift

84i

84i	42x42	inox	100 Kg*	2	1,3	46,906

* valore portata a coppia L/H=1 / capacity of couple hinges L/H=1

Categoria commerciale: 2A



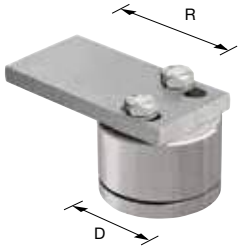
- Cardine superiore con piastra
- Upper hinge with plate
- Gond supérieur avec platine
- Oberes Torband mit Platte

86i-P

86i-P	Ø50	inox	50-60	200 Kg*	2	1,7	94,797

* valore portata a coppia L/H=1 / capacity of couple hinges L/H=1

Categoria commerciale: 2A



- Cardine superiore con piastra
- Upper hinge with plate
- Gond supérieur avec platine
- Oberes Torband mit Platte

86i-G

86i-G	Ø70	inox	90-105	650 Kg*	2	4,1	144,192

* valore portata a coppia L/H=1 / capacity of couple hinges L/H=1

Categoria commerciale: 2A



- Cardine inferiore con cuscinetto reggi spinta
- Bottom hinge with thrust bearing
- Gond inférieur avec roulement de butée
- Unteres Torband mit Drucklager

87i-P

87i-P	Ø50	inox	200 Kg*	2	1,0	71,045

* valore portata a coppia L/H=1 / capacity of couple hinges L/H=1

Categoria commerciale: 2A



- Cardine superiore con piastra
- Upper hinge with plate
- Gond supérieur avec platine
- Oberes Torband mit Platte

87i-G

87i-G	Ø70	inox	650 Kg*	2	2,0	93,763

* valore portata a coppia L/H=1 / capacity of couple hinges L/H=1

Categoria commerciale: 2A



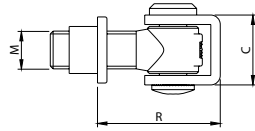
- Perno e piastra a saldare
- Pivot and plate to be welded
- Pivot et plaque à souder
- Drehstift und Platte zum Schweißen

116i

116i-20	inox	150 Kg*	2	1,3	25,496
116i-24	inox	240 Kg*	2	2,2	26,907

* valore portata a coppia L/H=1 / capacity of couple hinges L/H=1

Categoria commerciale: 2A



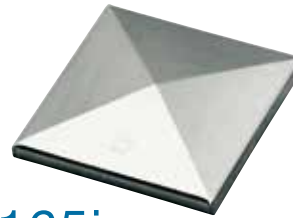
- Cardine con cavalletto e bussola
- Hinge with u-bolt and bush
- Gond avec crampillon et douille
- Torband mit U-Bügel und Buchse

120i

		C	M	R				€
120i-M20	inox	37	M20	45-65	150 Kg*	8	3,3	24,962
120i-M24	inox	47	M24	53-75	225 Kg*	4	6,6	49,140

* valore portata a coppia L/H=1 / capacity of couple hinges L/H=1

Categoria commerciale: 2A



- Copri pilastro quadrato
- Square pillar cover
- Couvre pilastre carré
- Viereckiger Pfostendeckel

165i

				€
165i-30	inox	10	0,3	1,546
165i-40	inox	10	0,4	2,020
165i-50	inox	10	0,6	2,282
165i-60	inox	10	0,7	2,830
165i-80	inox	6	0,7	3,641
165i-100	inox	6	1,1	5,349
165i-120	inox	6	1,4	7,394
165i-150	inox	2	0,8	11,271

Categoria commerciale: 2G



- Battente d'arresto a cementare
- Stop batten to be cemented
- Battent d'arrêt à sceller
- Auflaufschuh zum Ausbetonieren

170i

				€
170i	inox	5	1,80	15,087

Categoria commerciale: 2G



- Arresto di fine corsa
- Runaway stop
- Butoir de fin de course
- Torendpuffer

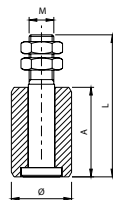
200i-G

				€	
200i-G	H=115	inox	5	2,9	37,854

Categoria commerciale: 2G



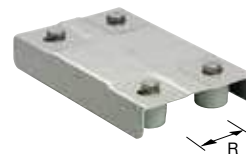
- Oliva in nylon
- Nylon roller
- Rouleau en nylon
- Nylon-Führungsrolle



230i

			M			€
230i-30	Ø30	inox	M16	8	1,5	14,017
230i-40	Ø39	inox	M16	4	1,1	19,223

Categoria commerciale: 2L

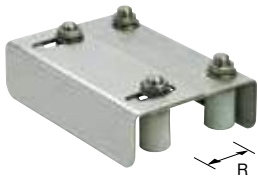


- Piastra guida cancello regolabile
- Drive-gate adjustable plate
- Platine guide-portail réglable
- Verstellbarer Torführungsbügel

250i

			R			€
250i-220	Ø 34,5	inox	30-60	1	1,4	73,651

Categoria commerciale: 2L

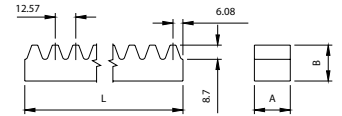


255i

- Piastra guida cancello a doppia regolazione
- Guiding plate for gates with double adjustment
- Platine guide-portail à double réglage
- Torführungsbügel mit Doppelverstellung

255i-220	Ø30	inox	35-62	1	2,3	102,041

Categoria commerciale: 2L

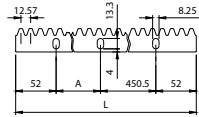


260i

- Cremagliera quadra 22x22
- Square rack 22x22
- Crémaillère carrée 22x22
- Viereckige Zahnstange 22x22

260i-22x22	L=2000	inox	A 22	B 22	1	6,2	288,500

Categoria commerciale: 2F



262i

- Cremagliera Rettangolare 30x12 con fori
- Rectangular rack 30x12 with holes
- Crémaillère rectangulaire 30x12 avec trous
- Rechteckige Zahnstange 30x12 mit Bohrungen

262i-30x12	L=1000	A 450,5	inox	1	2,4	164,187

Categoria commerciale: 2F



264i

- Attacco a saldare per cremagliera rettangolare
- Support for rectangular rack to be welded
- Attache entretoise pour crémaillère rectangulaire
- Distanzstück für rechteckige Zahnstange zum Schweißen

264i	inox	20	1,0		7,119

Categoria commerciale: 2F



270i

- Maniglia ad incasso
- Flush-mounted handle
- Poignée à encaisser
- Muschelgriff

270i-P	52x115	inox	4	0,3	7,681
270i-G	90x200	inox	4	1,0	18,266

Categoria commerciale: 2H

SU RICHIESTA | ON REQUEST



287i

- Binario a cementare "Pendolino"
- Track to be cemented "Pendolino"
- Rail à sceller "Pendolino"
- Bodenlaufschiene zum Einbetonieren "Pendolino"

287i-G-Ø19-Sp2	L=3000	inox	Ø 19	1	6,0	159,595
287i-G-Ø19-Sp2	L=6000	inox	Ø 19	1	11,9	319,190

Categoria commerciale: 2I



289i-G

- Binario a fissare "Rapido"
- Track to be bolted "Rapido"
- Rail à visser "Rapido"
- Laufschiene zum Anschrauben "Rapido"

Icona	Dimensione	Material	Ø	Spessore	Prezzo	€
	L=3000	inox	19	1	3,3	92,266
	L=6000	inox	19	1	6,2	184,532

Categoria commerciale: 2I



291i

- Spina di collegamento per binario Art. 289i - Ø19
- Connection pin for track Art. 289i - Ø19
- Jonction pour rail Art. 289i - Ø19
- Verbindungsstift zum Laufschiene Art. 289i - Ø19

Icona	Dimensione	Material	Spessore	Prezzo	€
	80-Ø12,5	inox	1	0,1	3,304

Categoria commerciale: 2I

SU RICHIESTA | ON REQUEST



- Binario a fissare "Diretto"
- Track to be bolted "Diretto"
- Rail à visser "Diretto"
- Laufschiene zum Anschrauben "Diretto"

293i

Icona	Dimensione	Material	Spessore	Prezzo	€
	L=3000	inox	1	3,0	111,093
	L=6000	inox	1	6,0	219,443

Categoria commerciale: 2I



295i

- Spina di collegamento per binario Art.293i
- Connection pin for track Art.293i
- Jonction pour rail Art.293i
- Verbindungsstift zum Art.293i

Icona	Dimensione	Material	Spessore	Prezzo	€
	90-Ø8,5	inox	1	0,1	7,581

Categoria commerciale: 2I



297i

- Spina di collegamento per binario Art. 287i-G
- Connection pin for track 287i-G
- Jonction pour rail Art.287i-G
- Verbindungsstift zum Laufschiene Art. 287i-G

Icona	Dimensione	Material	Spessore	Prezzo	€
	90-Ø14,00	inox	1	0,1	7,581

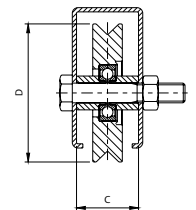
Categoria commerciale: 2I

SU RICHIESTA | ON REQUEST



300i W

- Ruota gola V
- Wheel with V groove
- Galet avec gorge V
- Schiebetorrolle mit V-Rille

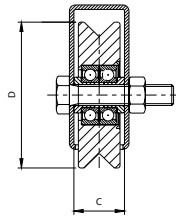


Icona	D	C	Material	Spessore	Prezzo	€	
	Ø 60	24	inox	100 Kg	2	0,7	33,490
	Ø 78	34	inox	200 Kg	2	1,5	40,323
	Ø 88	34	inox	210 Kg	2	1,8	54,474
	Ø 98	34	inox	220 Kg	2	2,4	56,369
	Ø 117	34	inox	240 Kg	2	3,4	71,045
	Ø 137	44	inox	270 Kg	2	5,4	103,275
	Ø 157	44	inox	370 Kg	2	7,1	135,942
	Ø 197	44	inox	400 Kg	2	11,3	167,847

Categoria commerciale: 2M



-Ruota gola V
-Wheel with V groove
-Galet avec gorge V
-Schiebetorrolle mit V-Rille



305i W

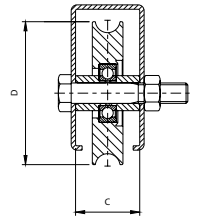
2 CUSCINETTI
2 BEARINGS

	D	C						€
305i-V100	Ø98	34	inox	400 Kg	2	3,0		77,927
305i-V120	Ø117	34	inox	420 Kg	2	4,3		95,321
305i-V140	Ø137	44	inox	540 Kg	2	6,6		129,272
305i-V160	Ø157	44	inox	770 Kg	2	9,4		153,473
305i-V200	Ø197	44	inox	800 Kg	2	14,9		186,252

Categoria commerciale: 2M



-Ruota gola semitonda
-Wheel with half-rounded groove
-Galet avec gorge demi-ronde
-Schiebetorrolle mit Rundrille



310i W

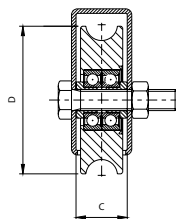
1 CUSCINETTO
1 BEARING

	D	C						€
310i-60	-	Ø 60	24	inox	100 Kg	2	0,7	33,490
310i-80S	Ø19	Ø 78	34	inox	200 Kg	2	1,3	40,232
310i-90S	Ø19	Ø 88	34	inox	210 Kg	2	1,8	54,474
310i-100S	Ø19	Ø 98	34	inox	220 Kg	2	2,3	56,369
310i-120	Ø19	Ø 117	34	inox	240 Kg	2	3,5	71,045
310i-140	Ø19	Ø 137	44	inox	270 Kg	2	5,0	103,275
310i-160	Ø19	Ø 157	44	inox	370 Kg	2	6,6	135,942
310i-200	Ø19	Ø 197	44	inox	400 Kg	2	10,7	167,874

Categoria commerciale: 2M



-Ruota gola semitonda
-Wheel with half-rounded groove
-Galet avec gorge demi-ronde
-Schiebetorrolle mit Rundrille



315i W

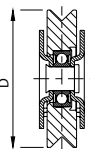
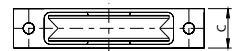
2 CUSCINETTI
2 BEARINGS

	D	C						€
315i-100	Ø19	Ø 98	34	inox	400 Kg	2	2,8	77,927
315i-120	Ø19	Ø 117	34	inox	420 Kg	2	4,0	95,321
315i-140	Ø19	Ø 137	44	inox	540 Kg	2	6,3	129,272
315i-160	Ø19	Ø 157	44	inox	770 Kg	2	8,9	153,473
315i-200	Ø19	Ø 197	44	inox	800 Kg	2	14,5	196,600

Categoria commerciale: 2M



-Ruota con supporto interno gola V
-Wheel with internal plate, V groove
-Galet avec platine interne, gorge V
-Schiebetorrolle mit Innenstützplatte und V-Rille



335i W

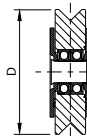
1 CUSCINETTO
1 BEARING

	D	C						€
335i-V90	Ø 88	33	inox	190 Kg	2	2,4		60,646
335i-V100	Ø 98	33	inox	200 Kg	2	2,8		66,818
335i-V120	Ø 117	38	inox	220 Kg	2	4,4		97,677

Categoria commerciale: 2M



-Ruota con supporto interno gola V
-Wheel with internal plate, V groove
-Galet avec platine interne, gorge V
-Schiebetorrolle mit Innenstützplatte und V-Rille



336i W

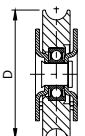
2 CUSCINETTI
2 BEARINGS

	D	C						€
336i-V90	Ø 88	33	inox	300 Kg	2	2,6		87,391
336i-V100	Ø 98	33	inox	380 Kg	2	3,2		96,281
336i-V120	Ø 117	38	inox	400 Kg	2	5,0		122,065

Categoria commerciale: 2M



-Ruota supporto interno gola semitonda
-Wheel with internal plate, half-rounded groove
-Galet avec platine interne, gorge demi-ronde
-Schiebetorrolle mit Rundrille und Innenstützplatte



337i W

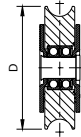
1 CUSCINETTO
1 BEARING

	D	C						€
337i-90S	Ø19	Ø 88	33	inox	190 Kg	2	2,3	60,646
337i-100S	Ø19	Ø 98	33	inox	200 Kg	2	2,7	66,818
337i-120	Ø19	Ø 117	38	inox	220 Kg	2	4,2	97,677

Categoria commerciale: 2M



- Ruota supporto interno gola semitonda a 2 cuscinetti
- Wheel with internal plate, half-rounded groove and 2 bearings
- Galet avec platine interne, gorge demi-ronde et 2 roulements
- Schiebetorrolle mit Rundrille, Innenstützplatte und 2 Kugellagern

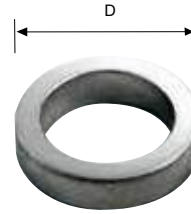


338i H

2 CUSCINETTI
2 BEARINGS

	D	C						€
338i-90	Ø19	Ø88	33	inox	300 Kg	2	2,5	87,391
338i-100	Ø19	Ø98	33	inox	380 Kg	2	3,0	96,281
338i-120	Ø19	Ø117	38	inox	400 Kg	2	4,8	122,065

Categoria commerciale: 2M

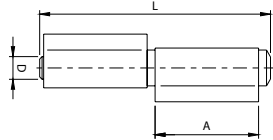


- Rondella in acciaio Inox
- Stainless steel washer
- Rondelle en acier Inox
- Zwischenring aus Edelstahl

401i

	D				€
401i-6	Ø9	inox	200	0,6	0,137
401i-8	Ø12	inox	200	0,2	0,324
401i-9	Ø13	inox	200	0,2	0,491
401i-10	Ø15	inox	200	0,4	0,362
401i-11	Ø15	inox	200	0,2	0,549
401i-12	Ø18	inox	200	0,6	0,549
401i-14	Ø19	inox	200	0,4	0,636

Categoria commerciale: 2E



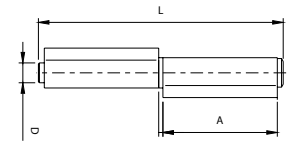
- Cerniera a 2 ali con perno sfilabile
- Hinge with 2 wings and extractable pivot
- Paumelle avec 2 ailes et pivot à déboîter
- Anschweißband 2-teilig mit lose Zapfen

402i

	L	A	D					€
402i-60	58	26	Ø5,7	inox	50 Kg*	20	0,8	3,961
402i-80	83	38	Ø7,7	inox	75 Kg*	20	1,6	4,789
402i-100	104	48	Ø8,7	inox	100 Kg*	20	2,3	7,665
402i-120	122	57	Ø9,8	inox	150 Kg*	20	3,8	8,737
402i-140	144	68	Ø10,7	inox	200 Kg*	20	4,4	10,839

* valore portata a coppia L/H=1 / capacity of couple hinges L/H=1

Categoria commerciale: 2E



- Cerniera pesante a 2 ali con perno sfilabile
- Heavy hinge with 2 wings and extractable pivot
- Paumelle lourde avec 2 ailes et pivot à déboîter
- Anschweißband 2-teilig schwere Ausführung mit lose Zapfen

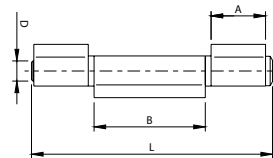
405i

	L	A	D					€
405i-140	145	68	Ø11,7	inox	250 Kg*	20	6,1	13,959
405i-170	174	83	Ø11,7	inox	250 Kg*	20	7,4	18,353
405i-200	205	98	Ø13,6	inox	350 Kg*	16	8,7	22,696

* valore portata a coppia L/H=1 / capacity of couple hinges L/H=1

Categoria commerciale: 2E

SU RICHIESTA | ON REQUEST



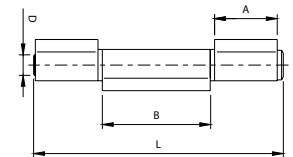
- Cerniera a 3 ali con perno sfilabile
- Hinge with 3 wings and extractable pivot
- Paumelle avec 3 ailes et pivot à déboîter
- Anschweißband 3-teilig mit lose Zapfen

410i

	L	A	B	D				€	
410i-80	83	18	38	Ø77	inox	75 Kg*	20	1,7	5,553
410i-100	104	23,5	48	Ø8,7	inox	100 Kg*	20	2,3	7,400
410i-120	122	27	57	Ø9,8	inox	150 Kg*	20	3,7	9,527
410i-140	144	33	68	Ø10,7	inox	200 Kg*	20	4,8	11,858

* valore portata a coppia L/H=1 / capacity of couple hinges L/H=1

Categoria commerciale: 2E



- Cerniera pesante a 3 ali con perno sfilabile
- Heavy hinge with 3 wings and extractable pivot
- Paumelle lourde avec 3 ailes et pivot à déboîter
- Anschweißband 3-teilig schwere Ausführung mit lose Zapfen

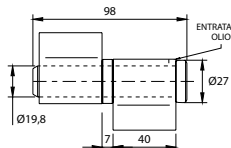
415i

	L	A	B	D				€	
415i-140	145	36	62	Ø11,7	inox	250 Kg*	10	6,1	15,131
415i-170	174	44	75	Ø11,7	inox	250 Kg*	20	7,4	19,334
415i-200	205	52	89	Ø13,6	inox	350 Kg*	16	8,6	23,957

* valore portata a coppia L/H=1 / capacity of couple hinges L/H=1

Categoria commerciale: 2E

SU RICHIESTA | ON REQUEST



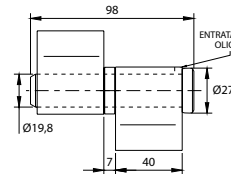
- Cernierona a 2 ali aperte perno sfilabile con rondella in ottone
- Big hinge 2 open wings extractable pivot with brass washer
- Paumelle grande 2 ailes ouvertes pivot à déboîter avec rondelle en laiton
- Winkelband mit 2 offenen Flügeln schwere Ausführung loser Zapfen mit Unterlegscheibe aus Messing

440i

440i-90	inox	800 Kg*	4	2,2	24,378

* valore portata a coppia L/H=1 / capacity of couple hinges L/H=1

Categoria commerciale: 2E



- Cernierona a 2 ali chiuse perno sfilabile con rondella in ottone
- Big hinge 2 closed wings extractable pivot with brass washer
- Paumelle grande 2 ailes fermées avec pivot à déboîter et rondelle en laiton
- Flachband 2-teilig schwere Ausführung mit losem Zapfen und Unterlegscheibe aus Messing

450i

450i-90	inox	400 Kg*	4	2,2	23,864

* valore portata a coppia L/H=1 / capacity of couple hinges L/H=1

Categoria commerciale: 2E



- Cernierona a 2 ali lunghe aperte perno sfilabile con rondella in ottone
- Big hinge 2 long open wings extractable pivot with washer and bearing
- Paumelle grande 2 ailes grandes et ouvertes, pivot à déboîter avec rondelle et roulement
- Winkelband mit 2 langen offenen Flügeln schwere Ausführung mit losem Zapfen, Unterlegscheibe und Kugellager

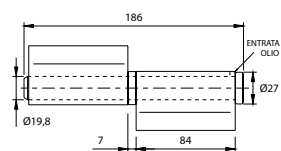
456i

456i-180	inox	800 Kg*	4	4,3	33,799

* valore portata a coppia L/H=1 / capacity of couple hinges L/H=1

Categoria commerciale: 2E

SU RICHIESTA | ON REQUEST



- Cernierona a 2 ali lunghe chiuse perno sfilabile con rondella in ottone
- Big hinge 2 closed wings extractable pivot with brass washer
- Paumelle grande 2 ailes fermées avec pivot à déboîter et rondelle en laiton
- Flachband 2-teilig schwere Ausführung mit losem Zapfen und Unterlegscheibe aus Messing

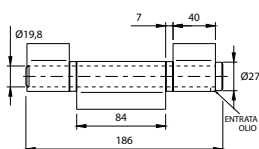
458i

458i-180	inox	800 Kg*	4	4,1	33,799

* valore portata a coppia L/H=1 / capacity of couple hinges L/H=1

Categoria commerciale: 2E

SU RICHIESTA | ON REQUEST



- Cernierona a 3 ali aperte perno sfilabile con rondella in ottone
- Big hinge 3 open wings extractable pivot with brass washers
- Paumelle grande 3 ailes ouvertes avec pivot à déboîter et rondelles en laiton
- Winkelband 3-teilig schwere Ausführung mit losem Zapfen und Unterlegscheibe aus Messing

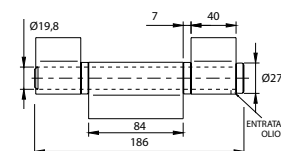
460i

460i-180	inox	800 Kg*	4	4,3	37,505

* valore portata a coppia L/H=1 / capacity of couple hinges L/H=1

Categoria commerciale: 2E

SU RICHIESTA | ON REQUEST



- Cernierona a 3 ali chiuse perno sfilabile con rondella in ottone
- Big hinge 3 closed wings extractable pivot with washer
- Paumelle grande 3 ailes fermées avec pivot à déboîter et rondelle
- Flachband 3-teilig schwere Ausführung mit losem Zapfen und Unterlegscheibe

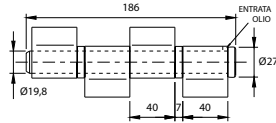
470i

470i-180	800 Kg*	4	4,20	37,505	

* valore portata a coppia L/H=1 / capacity of couple hinges L/H=1

Categoria commerciale: 2E

SU RICHIESTA | ON REQUEST



- Cerniera a 4 ali aperte perno sfilabile con rondelle in ottone
- Big hinge 4 open wings extractable pivot with brass washers
- Paumelle grande 4 ailes ouvertes avec pivot à déboîter et rondelles en laiton
- Winkelband 4-teilig schwere Ausführung mit losem Zapfen und Unterlegscheiben aus Messing

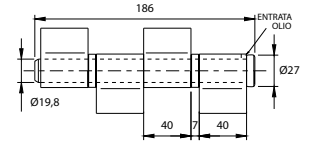
480i

480i-180	inox	800 Kg*	4	4,1	37,658

* valore portata a coppia L/H=1 / capacity of couple hinges L/H=1

Categoria commerciale: 2E

SU RICHIESTA | ON REQUEST



- Cerniera a 4 ali chiuse perno sfilabile con rondelle in ottone
- Big hinge 4 closed wings extractable pivot with brass washers
- Paumelle grande 4 ailes fermées avec rondelles et pivot à déboîter
- Flachband 4-teilig schwere Ausführung mit losen Zapfen und Unterlegscheiben aus Messing

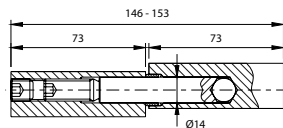
485i

485i-180	inox	800 Kg*	4	4,1	37,658

* valore portata a coppia L/H=1 / capacity of couple hinges L/H=1

Categoria commerciale: 2E

SU RICHIESTA | ON REQUEST



- Cerniera a goccia tornita perno acciaio regolabile 7 mm
- Turned drop hinge, 7mm adjustable, with steel pivot
- Paumelle à goutte tournée, réglable 7mm. avec pivot en acier
- Formgepresstes und 7 mm-verstellbares Tropfenband mit Zapfen aus Stahl

500i

500i-150	inox	146-153	300 Kg*	10	3,9	60,646

* valore portata a coppia L/H=1 / capacity of couple hinges L/H=1

Categoria commerciale: 2E

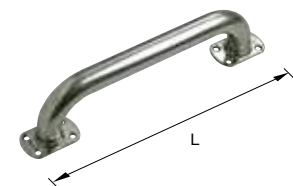


- Chiavistello inox
- Stainless steel latch
- Verrou inox
- Riegel aus Edelstahl

620i

620i	inox	50		2,1	8,503

Categoria commerciale: 2G



- Maniglione tubolare dritto in acciaio inox aisi 316l
- Straight s/s aisi 316l pull handle
- Poignée droite en acier inox aisi 316l
- Gerader Rohrförmiger Stosgriff aus Edelstahl aisi 316l

679i

679i	Ø30	inox	1	0,7	31,420

Categoria commerciale: 2H



- Catenaccio autobloccante da avvitare punta tonda Ø12 Corsa 30mm
- Self-locking bolt to be screwed with rod Ø 12 Stroke 30mm
- Verrou autobloquant à visser avec pointe ronde Ø 12 Course 30mm
- Selbstsperrender Stangenriegel zum Anschrauben mit Stange Ø 12 Hub 30mm

730i

730i	inox	4		1,6	51,432

Categoria commerciale: 2D



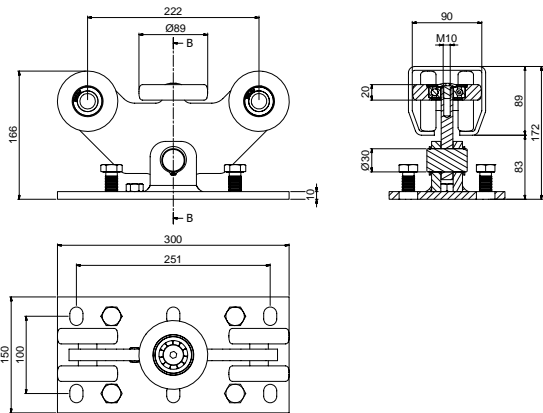
CGi-350.5 INOX PICCOLO

CARATTERISTICHE

- Corpo monoblocco che assicura resistenza alla struttura
- Indicato per i climi più umidi in quanto evita la corrosione del carrello
- Cuscinetti silenziosi di nuova generazione schermati per una migliore protezione dalla polvere; adatti a temperature che vanno dai -30° ai +80°
- 4 ruote di supporto in acciaio inox
- Rotella centrale di allineamento
- Perno centrale di rotazione

FEATURES

- Monoblock body that ensure strenght to the structure
- Suitable to the humid climate to avoid the carriage corrosion
- Noiseless bearings of new generation shielded to protect against dust suitable for temperatures from -30 ° C to + 80 ° C
- 4 support stainless steel wheels
- Alignment central wheel
- Central rotation pin

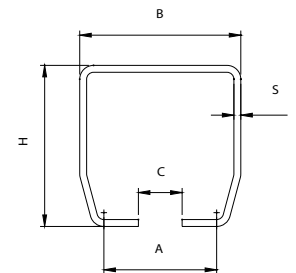


CGi-350.5P

- Carrello autoportante 5 ruote per cancelli a sbalzo
- 5 wheels cantilever carriage for gates
- Chariot autoportant 5 roues pour portails
- 5-rädriger Laufwagen für freitragende Tore

CGi-350P	1000 Kg	CGS-345P	4 x CGS-348 M16	inox	1	11,0	779,272	

Categoria commerciale: 1Q

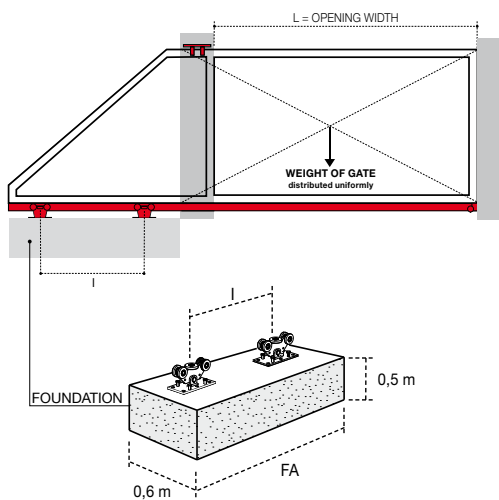


CGi-345P

- Monorotaia in acciaio inox per cancelli auto-portanti
- Monorail in stainless steel for cantilever gates
- Rail en aluminium extrudé pour portails autoportants
- Einfachschiene aus fließgepresstem Aluminium für selbsttragende Tore

CGi-345P	Piccolo	inox	3000	100	89	5	1	32,3	866,551
CGi-345P	Piccolo	inox	6000	100	89	5	1	72,5	1.733,101

Categoria commerciale: 1R



CGi -350.5 P (F1max = 1000 Kg)

Weight (Kg)	L=2,5 m		L=3 m		L=3,5 m		L=4 m		L=4,5 m	
	FA (m)	I (m)	FA (m)	I (m)	FA (m)	I (m)	FA (m)	I (m)	FA (m)	I (m)
250	1,70	1,00	2,00	1,30	2,30	1,60	2,70	2,00	3,10	2,40
275	1,80	1,10	2,20	1,50	2,50	1,80	2,90	2,20	3,30	2,60
300	2,00	1,30	2,30	1,60	2,70	2,00	3,20	2,50	3,60	3,00
325	2,10	1,40	2,50	1,80	3,00	2,30	3,50	2,80	4,00	3,30
350	2,30	1,60	2,70	2,00	3,20	2,50	3,80	3,10	4,40	3,70
375	2,50	1,80	3,00	2,30	3,50	2,80	4,10	3,40	4,80	4,10
400	2,70	2,00	3,20	2,50	3,80	3,10	4,50	3,80	5,20	4,60



-Contro piastra per carrelli piccolo
-Counter plate for carriages small
-Contre-plaque pour chariots peti
-Gegenplatte für Laufwagen gross

CGi-05

CGi-05P	Piccolo	inox	2	2,7	70,172

Categoria commerciale: 1T



-Piastra guida cancello regolabile con ala lunga a fissare
-Adjustable gate guide to be fixed with long wing side plate
-Plaque guide portail réglable à fixer avec aile longue
-Verstellbare Torführungsplatte mit langem Flügel zum Aufschrauben

CGi-251

CGi-251	L=350 Ø40	inox	1	6,7	303,983

Categoria commerciale: 1S



-Incontro inferiore a fissare
-Bottom end cup to be fixed
-Butée inférieure à fixer
-Unterauflageschuh zum Aufschrauben

CGi-346

CGi-346P	Piccolo	inox	2	3,5	99,320

Categoria commerciale: 1T



-Ruota terminale per monorotaia
-End wheel for monorail
-Galet d'extrémité pour rail
-Endrad für Einfachschiene

CGi-347

CGi-347P	Piccolo	inox	2	3,4	125,955

Categoria commerciale: 1T



-Ancorante filettato per carrelli CGS 350 e CGS 350.8
-Threaded tie rods for carriages CGS 350 and CGS 350.8
-Tirant fileté pour chariots CGS 350 et CGS 350.8
-Gewindestange für Laufwagen CGS 350 e CGS 350.8

CGi-348

CGi-348	M16	inox	12	8,3	33,926

Categoria commerciale: 1T

Life
made
easy

COMUNELLO
GATE DIVISION



Industrial door components



LEGENDA

	Articolo / Article		Pezzi per confezione / Pieces per pack
	Misura specifica / Measure		Peso confezione / Weight of pack
	Finitura / Finishing		Prezzo / Price
	Regolazione / Regulation		Lubrificazione / Greasing
	Portata / Capacity		Cuscinetti / Bearings
	Portata singolo carrello / Capacity of single carriage		Accessori in acciaio inox / S-Steel accessories
	Abbinamento monorotaia / Related monorail		
	Abbinamento tiranti / Related tie roads		



- Tappo ammortizzatore ante
- Door leaf stopper
- Embout d'amortissage vantaux
- Stossdämpfer für Türe

239

239	10	0,6	2,960	

Categoria commerciale: 3E



- Battente finecorsa per monorotaie art. 398/399
- End-stopper for guides art. 398/399
- Butée de fin de course pour rails art. 398/399
- Letzter Türflügel für Laufschiene art. 398/399

246

246	zinc	4	1,3	11,604

Categoria commerciale: 3G



- Guida per portoni scorrevoli
- Guide for sliding doors
- Guide pour portails coulissants
- Führung für Schiebetüren

248

248-60	Ø60	zinc	4	2,2	26,759
248-70	Ø70	zinc	4	1,8	28,891
248-80	Ø80	zinc	4	2,1	30,904

Categoria commerciale: 3H



- Deviatore regolabile per impacchettamento laterale
- Adjustable switcher for side folding
- Deviateur réglable pour portail pliable lateral
- Regulierbarer Ablenker für seitliche Paket-Lagerung

249-30

249-30	zinc	4	3,8	24,746

Categoria commerciale: 3E



- Maniglia ad incasso
- Flush-mounted handle
- Poignée à encaisser
- Muschelgriff

270

270P	Piccolo	zinc	30	2,5	2,822
270G	Grande	zinc	30	7,3	6,553

Categoria commerciale: 1H



- Maniglia ad incasso con leva
- Flush-mounted handle with lever
- Poignée à encaisser avec levier
- Muschelgriff mit Triebriegel

272

272	Grande	zinc	30	11,4	8,957

Categoria commerciale: 1H



-Giunzione monorotaia
-Guide connection
-Junction rail
-Verbindungsstück Laufschiene

352

352 P	piccolo/small	zinc	4	7,8	32,916	
352 G	grande/large	zinc	4	11,7	41,205	

Categoria commerciale: 3G



-Staffa regolabile a parete mm. 185
-Adjustable wall rod 185 mm.
-Support réglable au mur mm. 185
-Regulierbarer Wandbügel 185 mm.

354 185

354-185	piccolo/small	zinc	47-165	150 Kg	2	2,8	14,090

Categoria commerciale: 3G

Distanza massima raccomandata considerando un carico di R = 310 applicato sulla parte finale: 700 mm
Recommended maximum distance considering a load of R = 310 applied on the end part: 700 mm
Distance maximal recommandée considérant une charge de R = 310 appliquée sur la partie finale: 700 mm
Maximal empfohlene Entfernung bei einer am Endteil angebrachten Ladung von R=310 beträgt 700mm



-Staffa regolabile a parete mm. 330
-Adjustable wall rod 330 mm.
-Support réglable au mur mm. 330
-Regulierbarer Wandbügel 330 mm

354 330

354-330	grande/large	zinc	47-310	130 Kg	2	4,8	18,945

Categoria commerciale: 3G

Distanza massima raccomandata considerando un carico di R = 310 applicato sulla parte finale: 700 mm
Recommended maximum distance considering a load of R = 310 applied on the end part: 700 mm
Distance maximal recommandée considérant une charge de R = 310 appliquée sur la partie finale: 700 mm
Maximal empfohlene Entfernung bei einer am Endteil angebrachten Ladung von R=310 beträgt 700mm



-Supporto guida regolabile
-Adjustable guide support
-Support guide réglable
-Regulierbarer Ablenker führung

355

355 P	piccolo/small	zinc		150 Kg	2	2,6	18,589
355 G	grande/large	zinc		200 Kg	2	3,3	19,774

Categoria commerciale: 3G



-Supporto regolabile a saldare
-Adjustable switcher to be welded
-Deviateur réglable à souder
-Regulierbarer Ablenker zum Schweißen

355 S

355/S	zinc		200 Kg	4	2,1	11,959

Categoria commerciale: 3G



-Supporto a soffitto
-Adjustable switcher
-Deviateur réglable au mur
-Regulierbarer Ablenker

356

356 P	piccolo/small	zinc		150 Kg	2	4,1	35,048
356 G	grande/large	zinc		200 Kg	2	5,0	37,061

Categoria commerciale: 3G

Distanza massima raccomandata: 700 mm
Recommended maximum distance: 700 mm
Distance maximal recommandée: 700 mm
Maximal empfohlene Entfernung beträgt 700mm



-Guida inferiore a cementare da mt. 6,00
 -Lower guide to be cemented, length 6 meters
 -Guide inferieure à sceller de m. 6,00
 -Untere Schiene zum Einzementieren, Länge 6 m

358

358	L=6000	zinc	1	21,3	147,058

Categoria commerciale: 3G



-Incontro a pavimento in alluminio
 -Aluminium floor strike plate
 -Butoir au sol en aluminium
 -Bodenaufschuh aus Aluminium

361

361 P	piccolo/small	2	1,2	37,061
361 G	grande/large	2	1,2	37,061

Categoria commerciale: 3E



-Battuta per ante intermedie in alluminio
 -Step for intermediate ante in aluminium
 -Butee pour vantaux intermediaires en aluminium
 -Stütze für mittleren Türflügel aus Aluminium

362

362	2	1,2	32,916

Categoria commerciale: 3E



-Incontro a pavimento in alluminio
 -Aluminium floor strike plate
 -Guidage au sol en aluminium
 -Bodenaufschuh aus Aluminium

363

363	2	2,5	62,703

Categoria commerciale: 1G



-Incontro a pavimento in alluminio regolabile
 -Adjustable aluminium floor strike plate
 -Butoir au sol en aluminium réglable
 -Bodenaufschuh aus Aluminium regulierbar

364

364	D=18-43	2	1,4	41,205

Categoria commerciale: 3E



-Incontro per aste
 -Floor strike plate for rods
 -Butoir pour tringles
 -Aufschuh für Stangen

365

365	acciaio/steel	zinc	10	1,9	5,447
365	alluminio/aluminium		10	1,9	5,447

Categoria commerciale: 3E



- Incontro a pavimento per chiusura antipanico
- Floor strike plate for panic exit device
- Butoir au sol pour fermeture antipanique
- Bodenaufschuh für Antipaniktür

366

366	S = 22	2	1,5		45,230
366	S = 42	2	1,5		45,230

Categoria commerciale: 3E



- Incontro a pavimento in nylon nero, con rinforzo in acciaio
- Black nylon floor strike plate, with steel reinforcement
- Butoir au sol en nylon noir, avec renfort en acier
- Bodenaufschuh aus schwarzem Nylon mit Verstärkung aus Stahl

367

367		2	0,6		20,602

Categoria commerciale: 3E

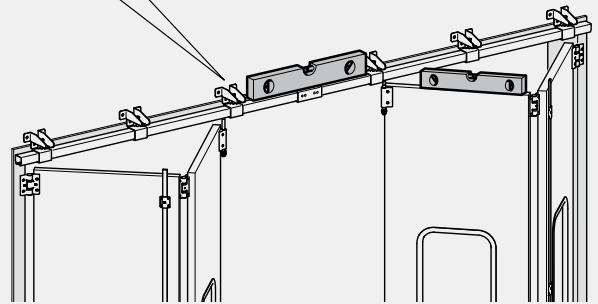
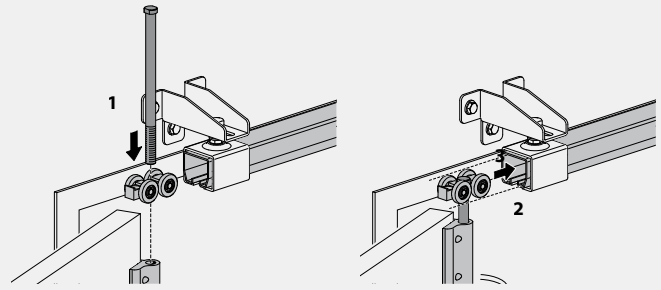


- Carrello piccolo a 4 ruote in acciaio
- Small steel trolley with four wheels
- Chariot petit à 4 galets en acier
- Rollenapparat klein mit 4 Stahlrollen

375 P

375P-16	16 mm	zinc	Ø16,3	400 Kg	4	3,2		35,048
375P-20	20 mm	zinc	Ø20,5	400 Kg	4	3,2		35,048

Categoria commerciale: 3B



- Carrello grande a 4 ruote in acciaio per perno da mm. 20
- Large steel trolley with four wheels for pin, 20 mm.
- Chariot grand à 4 galets en acier pour pivot de mm. 20
- Rollenapparat gross mit 4 Stahlrollen

375 G

375 G	grande/large	zinc	800 Kg	4	9,2			61,689

Categoria commerciale: 3B



- Carrello piccolo a 4 ruote in nylon
- Small nylon trolley with four wheels
- Chariot petit à 4 galets en nylon
- Rollenapparat klein mit 4 Nylonrollen

376 P

376 P	16 mm	zinc	Ø16,3	400 Kg	4	2,1		22,615
376 P	20 mm	zinc	Ø20,5	400 Kg	4	2,1		22,615

Categoria commerciale: 3B



-Perno superiore per carrelli
-Upper pin for trolleys
-Pivot superieur pour chariots
-Oberer Bolzen für Rollenapparate

377

Icona	Descrizione	Materiali	Peso	Quantità	Dimensione	Prezzo	
	377P	piccolo/small	zinc	400 Kg	4	1,6	14,801
	377G-290	grande/large	zinc - trop	800 Kg	4	3,1	15,629
	377G-290	grande/large	zinc nero/black galv	800 Kg	4	3,1	16,932
	377G-330	grande/large	zinc - trop	800 Kg	4	3,5	16,458
	377G-330	grande/large	zinc nero/black galv	800 Kg	4	3,5	17,761

Categoria commerciale: 3E



-Perno superiore ribassato
-Lowered upper pin
-Pivot superieur surbaisse
-Oberer Bolzen herabgesenkt

377 R

Icona	Descrizione	Materiali	Peso	Quantità	Dimensione	Prezzo
	377 R-330	zinc-trop	400 Kg	4	3,6	16,458
	377 R-330	zinc nero/black galv	400 Kg	4	3,6	17,761

Categoria commerciale: 3E



-Perno superiore per scorrevoli zincato
-Galvanized upper pin for sliding doors
-Pivot superieur pour portail coulissant zingué
-Oberer Bolzen für Schiebetüren verzinkt

377 G-SC

Icona	Descrizione	Materiali	Peso	Quantità	Dimensione	Prezzo
	377 G-SC	zinc	400 Kg	4	1,4	10,183

Categoria commerciale: 3E

SU RICHIESTA | ON REQUEST



-Perno inferiore regolabile
-Adjustable lower pin
-Pivot inférieur réglable
-Unterer Bolzen regulierbar

378

Icona	Descrizione	Materiali	Peso	Quantità	Dimensione	Prezzo	
	378 P	piccolo/small	zinc	4	0,8	12,432	
	378 G	grande/large	zinc	su richiesta	4	1,8	13,261

Categoria commerciale: 3E



-Perno inferiore regolabile con cuscinetto
-Adjustable lower pin with bearing
-Pivot inférieur réglable avec roulement
-Unterer Bolzen mit Kugellager regulierbar

379

Icona	Descrizione	Materiali	Peso	Quantità	Dimensione	Prezzo	
	379 P	piccolo/small	zinc	su richiesta	4	1,0	15,274
	379 G-135	grande/large	zinc - trop	4	1,5	13,261	
	379 G-135	grande/large	zinc nero/black galv	4	1,5	15,274	
	379 G-200	grande/large	zinc - trop	4	2,2	15,274	
	379 G-200	grande/large	zinc nero/black galv	4	2,2	17,287	

Categoria commerciale: 3E



-Profilo ad "u" per deviatori ad impacco laterale
-"U" profile for side folding switchers
-Profil en "u" pour deviateurs pour portail pliable lateral
-U-Profil für Ablenker für seitliche Paket-Lagerung

387

Icona	Descrizione	Materiali	Peso	Quantità	Dimensione	Prezzo
	387	L=6000	Ral 9005	1	9,4	123,377

Categoria commerciale: 3G

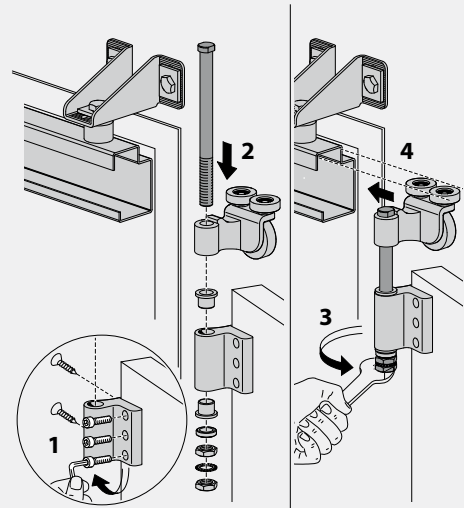


-Carrello in alluminio pressofuso a 3 ruote
-Die-cast aluminium trolley with three wheels
-Chariot en aluminium moule a 3 galets
-Rollenapparat aus Alu-druckguss mit 3 Rollen

395 DX-SX

Icona	Modello	Colorazione	Caratteristiche	Quantità	Dimensioni	Prezzo
	395 DX	Ral 9005	*	4	2,3	22,615
	395 SX	Ral 9005	*	4	2,3	22,615

Categoria commerciale: 3B

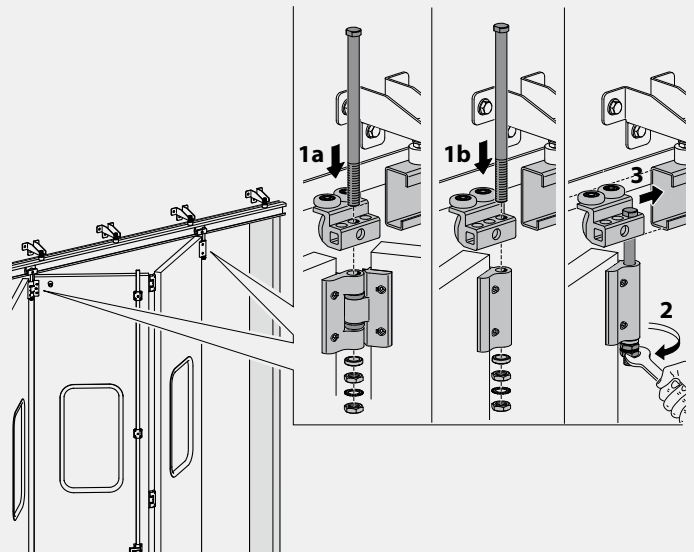


-Carrello reversibile in alluminio a 3 ruote
-Reversible aluminium trolley with three wheels
-Chariot reversible en aluminium a 3 galets
-Reversibler Rollenapparat aus Aluminium mit 3 Rollen

396

Icona	Colorazione	Peso	Caratteristiche	Quantità	Dimensioni	Prezzo
	396 Ral 9005	280 Kg		4	3,6	57,544

Categoria commerciale: 3B

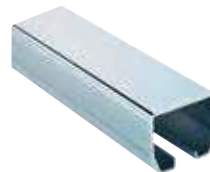


-Monorotaia superiore per carrelli 4 ruote grande zincata
-Large galvanized upper guide for trolleys with four wheels
-Rail superieur pour chariots 4 galets grands zingues
-Obere Laufschiene für Rollenapparate mit 4 Rollen gross verzinkt

398

Icona	Modello	Material	Caratteristiche	Quantità	Dimensioni	Prezzo
	398 L=3000	zinc		1	30,4	246,754
	398 L=6000	zinc		1	60,7	493,391

Categoria commerciale: 3G



-Monorotaia superiore per carrelli 4 ruote piccola zincata
-Small galvanized upper guide for trolleys with four wheels
-Rail superieur pour chariots 4 galets petite zingues
-Obere Laufschiene für Rollenapparate mit 4 Rollen klein verzinkt

399

Icona	Modello	Material	Caratteristiche	Quantità	Dimensioni	Prezzo
	399 L=3000	zinc		1	16,7	94,605
	399 L=5500	zinc		1	30,4	164,464
	399 L=6000	zinc		1	33,3	180,922

Categoria commerciale: 3G



-Cariglione star piccolo
-Small star lever bolt
-Cremone star petite
-Treibriegel star klein

690 MC

			CORSA*			€
690 MC	DX	zinc - trop	31	2	1,9	33,864
690 MC	DX	Ral 9005	31	2	1,9	38,008
690 MC	SX	zinc - trop	31	2	1,8	33,864
690 MC	SX	Ral 9005	31	2	1,8	38,008

Categoria commerciale: 3A

*MOVIMENTAZIONE ASTE - OPENING AND CLOSING RODS - MANUTENTION TRINGLES - STANGE BEWEGUNG



-Passante per aste 25x10
-Rod guide 25x10
-Traversant pour tringles 25x10
-Lasche für Stangen 25x10

691 P

						€
691 P	25x10	zinc - trop	50	2,7		2,723
691 P	25x10	Ral 9005	50	2,8		3,315

Categoria commerciale: 3A



-Passante per asta 30x10
-Rod guide for 30 x 10 rod
-Traversant pour tringle 30x10
-Führungsaufnahme für Verbindungsstange 30x10

691 G

						€
691 G	30x10	zinc - trop	50	7,1		2,723
691 G	30x10	Ral 9005	50	7,1		3,315

Categoria commerciale: 3A



-Asta di collegamento 25x10
-Connection rod 25x10
-Tringle de jonction 25x10
-Verbindungsstange 25x10

692 P

						€
692P-25x10	L=1200	zinc - trop	1	2,3		26,582
692P-25x10	L=1200	zinc nero/black galv	1	2,3		30,311
692P-25x10	L=3000	zinc - trop	1	5,9		60,741
692P-25x10	L=3000	zinc nero/black galv	1	5,9		64,649
692P-25x10	L=4800	zinc - trop	1	9,5		90,342
692P-25x10	L=4800	zinc nero/black galv	1	9,5		94,487

Categoria commerciale: 3A



-Asta di collegamento 30x10
-Connection rod 30x10
-Tringle de jonction 30x10
-Verbindungsstange 30x10

692 G

						€
692G-30x10	L=1200	zinc - trop	1	2,80		29,127
692G-30x10	L=1200	zinc nero/black galv	1	2,80		32,916
692G-30x10	L=3000	zinc - trop	1	7,00		64,175
692G-30x10	L=3000	zinc nero/black galv	1	7,00		68,911
692G-30x10	L=4800	zinc - trop	1	11,30		98,749
692G-30x10	L=4800	zinc nero/black galv	1	11,30		94,131

Categoria commerciale: 3A



-Cariglione star piccolo per aste interne
-Small star lever bolt for internal rods
-Cremone star petite pour tringles intérieures
-Treibriegel star klein für innenstangen

693 MC

			CORSA*			€
693 MC	DX	Ral 9005	31	2	2,500	42,270
693 MC	SX	Ral 9005	31	2	2,500	42,270

Categoria commerciale: 3A

SU RICHIESTA | ON REQUEST



-Cariglione star grande
-Large star lever bolt
-Cremone star grande
-Treibriegel star gross

694 MC

			CORSA*			€
694 MC	DX	zinc - trop	40	2	3,8	41,205
694 MC	DX	Ral 9005	40	2	3,8	44,875
694 MC	SX	zinc - trop	40	2	3,8	41,205
694 MC	SX	Ral 9005	40	2	3,8	44,875

Categoria commerciale: 3A



-Asta di collegamento tubolare 25x10
-Connection tubular rod 25x10
-Tringle de jonction tubulaire 25x10
-Rohr-Verbindungsstange 25x10

695 P

						€
695P-25x10	L=1200	zinc - trop		1	1,3	18,589
695P-25x10	L=1200	zinc nero/black galv		1	1,3	24,746
695P-25x10	L=3000	zinc - trop		1	3,4	28,891
695P-25x10	L=3000	zinc nero/black galv		1	3,4	35,048
695P-25x10	L=4800	zinc - trop		1	4,7	35,048
695P-25x10	L=4800	zinc nero/black galv		1	4,7	41,205

Categoria commerciale: 3A



-Asta di collegamento tubolare 30x10
-Connection tubular rod 30x10
-Tringle de jonction tubulaire 30x10
-Rohr-Verbindungsstange 30x10

695 G

						€
695G-30x10	L=1200	zinc - trop		1	1,2	20,602
695G-30x10	L=1200	zinc nero/black galv		1	1,2	26,759
695G-30x10	L=3000	zinc - trop		1	3,4	30,904
695G-30x10	L=3000	zinc nero/black galv		1	3,4	37,061
695G-30x10	L=4800	zinc - trop		1	5,4	37,061
695G-30x10	L=4800	zinc nero/black galv		1	5,4	43,218

Categoria commerciale: 3A



-Asta di chiusura tubolare con maniglia 25x10
-Closing tubular rod with handle 25x10
-Tringle tubulaire de fermeture avec poignée 25x10
-Rohrverschlussstange mit Griffe 25x10

695 PM

			L			€
695 PM	1,2 mt	zinc - trop	1200	1	1,2	26,759
695 PM	1,2 mt	zinc nero/black galv	1200	1	1,2	32,916

Categoria commerciale: 3A



-Asta di chiusura tubolare con maniglia 30x10
-Closing tubular rod with handle 30x10
-Tringle tubulaire de fermeture avec poignée 30x10
-Rohrverschlussstange mit Griffe 30x10

695 GM

			L			€
695 GM	1,2 mt	zinc - trop	1200	1	1,4	28,891
695 GM	1,2 mt	zinc nero/black galv	1200	1	1,4	35,048

Categoria commerciale: 3A



-Cariglione star grande predisposto per cilindro
-Large star lever bolt for cylinder
-Cremone star grande pour cylindre
-Treibriegel star gross für Zylinder

696 MC

			CORSA*			€
696 MC	DX	zinc - trop	40	2	3,0	125,982
696 MC	DX	Ral 9005	40	2	3,0	133,205
696 MC	SX	zinc - trop	40	2	3,0	125,982
696 MC	SX	Ral 9005	40	2	3,0	133,205

Categoria commerciale: 3A



-Cariglione star grande con maniglia esterna
-Large star lever bolt with external handle
-Cremone star grande avec béquille extérieure
-Treibriegel star gross

698 MC

698MC-DX	L=50	zinc - trop	2	4,3		156,767
698MC-DX	L=50	Ral 9005	2	4,3		164,819
698MC-SX	L=50	zinc - trop	2	4,3		156,767
698MC-SX	L=50	Ral 9005	2	4,3		164,819
698MC-DX	L=80	zinc - trop	2	4,4		156,767
698MC-DX	L=80	Ral 9005	2	4,4		164,819
698MC-SX	L=80	zinc - trop	2	4,5		156,767
698MC-SX	L=80	Ral 9005	2	4,4		164,819

Categoria commerciale: 3A



-Maniglione di trascinamento in nylon con passanti
-Nylon pull handle with guides
-Poignée d'entraînement en nylon avec traversants
-Nylongriff zum Ziehen mit Laschen

699

699	10	2,9		12,432

Categoria commerciale: 3F



-Cerniera doppia piccola in alluminio piana
-Small flat aluminium double hinge
-Paumelle double petite en aluminium plate
-Doppelscharnier klein aus Aluminium flach

A370 P

A370P	piccola/small	Ral 9005	200 Kg	12	5,9	45,230

Categoria commerciale: 3D



-Cerniera doppia piccola in alluminio senza perno
-Small flat aluminium double hinge, without pin
-Paumelle double petite en aluminium plate, sans pivot
-Doppelscharnier klein aus Aluminium flach, ohne Bolzen

A371 P

A371 P	piccola/small	Ral 9005	200 kg	4	1,4	42,034

Categoria commerciale: 3D



-Cerniera doppia grande in alluminio con battute
-Large aluminium double hinge with steps
-Paumelle double grande en aluminium avec butées
-Doppelscharnier gross aus Aluminium mit Stützen

A380 G

A380 G	grande/large	Ral 9005	400 Kg	12	11,7	61,689

Categoria commerciale: 3D



-Cerniera doppia piccola in alluminio con battute
-Small aluminium double hinge with steps
-Paumelle double petite en aluminium avec butées
-Doppelscharnier klein aus Aluminium mit Stützen

A380 P

A380 P	piccola/small	Ral 9005	200 Kg	12	6,0	45,230

Categoria commerciale: 3D

SU RICHIESTA | ON REQUEST

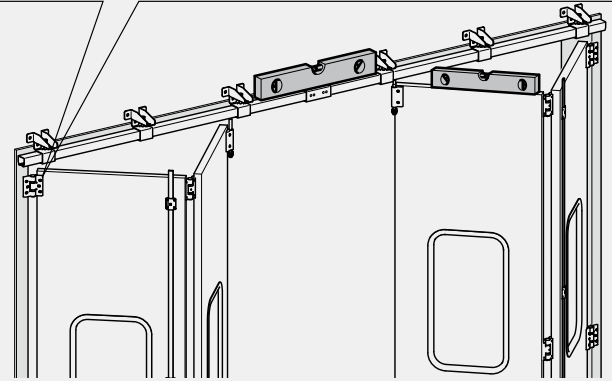
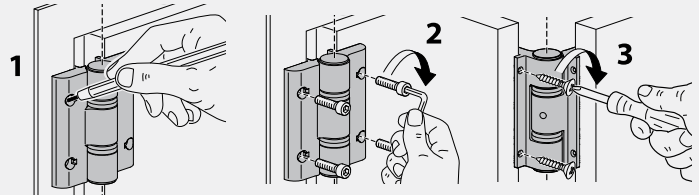


- Cerniera doppia in alluminio piana, regolabile
- Flat aluminium double hinge, adjustable
- Paumelle double en aluminium plate, réglable
- Doppelscharnier aus aluminium flach, regulierbar

A380 R

A380 R	Ral 9005	400 Kg	4	4,0	59,676

Categoria commerciale: 3D



- Cerniera doppia grande in alluminio con battute, senza perno
- Large aluminium double hinge with steps, without pin
- Paumelle double grande en aluminium avec butées, sans pivot
- Doppelscharnier gross aus Aluminium mit Stützen, ohne Bolzen

A381 G

A381 G	grande/large	Ral 9005	400 Kg	4	2,8	57,663

Categoria commerciale: 3D



- Cerniera doppia piccola in alluminio con battute, senza perno
- Small aluminium double hinge with steps, without pin
- Paumelle double petite en aluminium, avec butees, sans pivot
- Doppelscharnier klein aus Aluminium mit Stützen, ohne Bolzen

A381 P

A381 P	piccola/small	Ral 9005	200 Kg	4	2,2	42,034

Categoria commerciale: 3D

SU RICHIESTA | ON REQUEST



- Cerniera singola piccola in alluminio piana
- Small flat aluminium hinge
- Paumelle simple petite en aluminium plate
- Einzel-Scharnier klein aus Aluminium flach

A384 P

A384 P	piccola/small	Ral 9005	150 Kg	4	1,0	28,891

Categoria commerciale: 3D

SU RICHIESTA | ON REQUEST



- Cerniera singola piccola in alluminio con battuta
- Small aluminium hinge with step
- Paumelle simple petite en aluminium avec butée
- Einzel-scharnier klein aus Aluminium mit Stütze

A385 P

A385 P	piccola/small	Ral 9005	150 Kg	4	1,0	28,891

Categoria commerciale: 3D



- Cerniera singola in alluminio pressofuso con battuta disassata
- Die-cast aluminium hinge with off-centre step
- Paumelle simple en aluminium moulée avec butée desaxée
- Einzel-Scharnier aus Alu-druckguss mit ausserachsiger Stütze

P365

P365	Ral 9005	200 Kg	4	1,8	18,589

Categoria commerciale: 3D



- Cerniera singola ridotta in alluminio pressofuso con battuta
- Reduced die-cast aluminium hinge with step
- Paumelle simple reduite en aluminium moulée avec butée
- Einzel-scharnier reduziert aus Alu-druckguss mit Stütze

P365 R

P365 R	Ral 9005	200 Kg	4	1,6	18,589

Categoria commerciale: 3D

SU RICHIESTA | ON REQUEST



- Cerniera inferiore in alluminio pressofuso decentrata
- Off-centre die-cast aluminium lower hinge
- Paumelle inférieure en aluminium moulée décentrée
- Unteres-Scharnier aus Alu-druckguss dezentriert

P368 I

P368 I	Ral 9005		4	2,6	13,616

Categoria commerciale: 3D



- Cerniera superiore/inferiore maggiorata decentrata
- Off-center oversized upper/lower hinge
- Paumelle supérieure/inférieure surdimensionnée décentralisée
- Dezentralisiertes oberes/unteres Scharnier vergrößert

P368 M

P368 M	Ral 9005	200 Kg	4	2,5	30,904

Categoria commerciale: 3D

SU RICHIESTA | ON REQUEST



- Cerniera superiore in alluminio pressofuso decentrata
- Off-centre die-cast aluminium upper hinge
- Paumelle supérieure en aluminium moulée décentrée
- Oberes Scharnier aus Alu-druckguss dezentriert

P368 S

P368 S	Ral 9005	130 Kg	4	2,6	13,616

Categoria commerciale: 3D



- Cerniera doppia in alluminio pressofuso piana
- Flat die-cast aluminium double hinge
- Paumelle double en aluminium moulée plate
- Doppelscharnier aus Alu-druckguss flach

P370

P370	Ral 9005	300 Kg	12	12,6	28,891

Categoria commerciale: 3D



- Cerniera doppia in alluminio pressofuso piana, senza perno
- Flat die-cast aluminium double hinge, without pin
- Paumelle double en aluminium moulée plate, sans pivot
- Doppelscharnier aus Alu-druckguss flach, ohne Bolzen

P371

P371	Ral 9005	300 Kg	4	3,1	27,233

Categoria commerciale: 3D



- Cerniera doppia in alluminio pressofuso con battute
- Die-cast aluminium double hinge with steps
- Paumelle double en aluminium moulée avec butées
- Doppelscharnier aus Alu-druckguss mit Stützen

P380

P380	Ral 9005	300 Kg	12	13,0	28,891

Categoria commerciale: 3D



- Cerniera doppia in alluminio pressofuso con battute, senza perno
- Die-cast aluminium double hinge, without pin
- Paumelle double en aluminium moulée avec butées, sans pivot
- Doppelscharnier aus Alu-druckguss mit Stützen, ohne Bolzen

P381

P381	Ral 9005	300 Kg	4	5,0	27,233

Categoria commerciale: 3D



- Cerniera singola in alluminio pressofuso con battuta
- Die-cast aluminium hinge with step
- Paumelle simple en aluminium moulée avec butée
- Einzel-scharnier aus Alu-druckguss mit Stütze

P385

P385	Ral 9005	200 Kg	4	2,2	18,589

Categoria commerciale: 3D



- Tappo coprivite per cerniera p380
- Screw cover for hinge p380
- Embout couvre-vis pour paumelle p380
- Stöpsel für p380 schraube

R383-13.5

R383	Ral 9005	200	0,8	0,118

Categoria commerciale: 3E



- Tappo di testa per cerniera p380
- Supperper for hinge p380
- Embout de tête pour paumelle p380
- Stöpsel für Scharnierkopf p380

R383-33

R383	Ral 9005	200	0,8	0,355

Categoria commerciale: 3E



-Perno per cerniera p380
 -Pin for hinge p380
 -Pivot pour paumelle p380
 -Bolzen für Scharnier p380

R378

R378	zinc	20	6,0	3,079
Categoria commerciale: 3E				



-Cuscinetto 20x36x11 zinc. Nero per p380
 -Bearing 20x36x11 black galvanized for p380
 -Roulement 20x36x11 zinc. Noir pour p380
 -Lager 20x36x11 schwarz-verzinkt für p380

400

400-20	zinc nero/black galv	100	4,7	3,197
Categoria commerciale: 1E				

COMUNELLO
GATE DIVISION

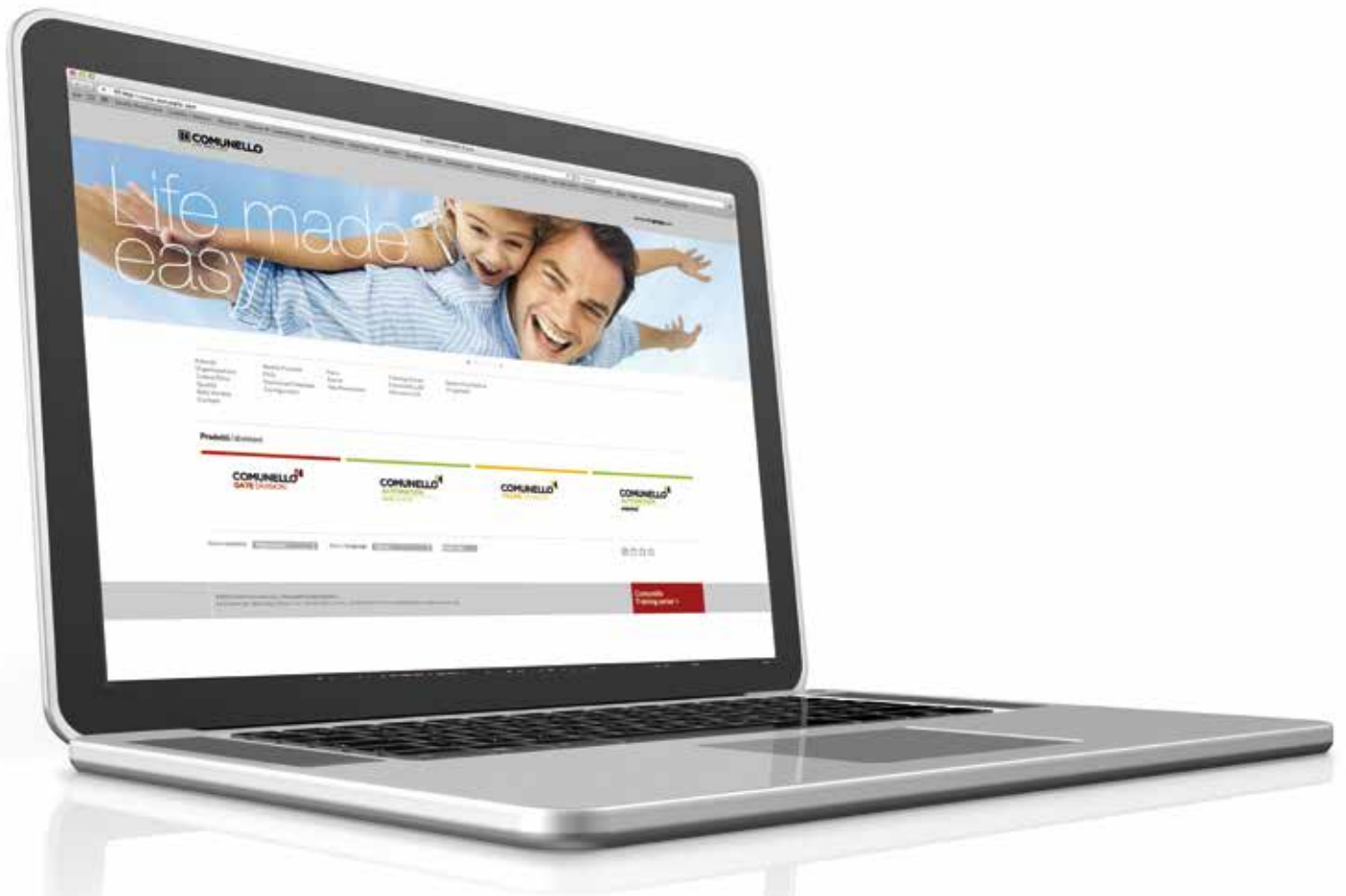
COMUNELLO
AUTOMATION
GATE DIVISION

COMUNELLO
FRAME DIVISION

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MOWIN

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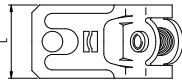
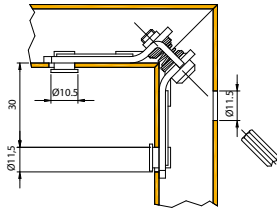
Corner Joints



LEGENDA

-  Articolo / Article
-  Misura specifica / Measure
-  Finitura / Finishing
-  Pezzi per confezione / Pieces per pack
-  Peso confezione / Weight of pack
-  Prezzo / Price
-  CS Cover System

900-28

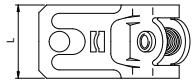
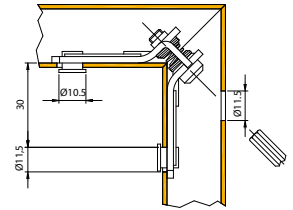


Squadretta in acciaio zincata
Galvanized corner-joint
Equerre en acier zingué
Eckverbinder aus Stahl, verzinkt

900-28	zinc	28	30	250	16,25	0,599

Categoria commerciale: 5C

900-36

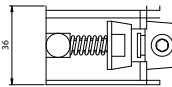
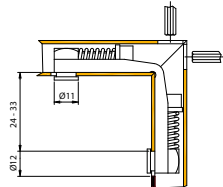


Squadretta in acciaio zincata
Galvanized corner-joint
Equerre en acier zingué
Eckverbinder aus Stahl, verzinkt

900-36	zinc	36	30	200	15,60	0,659

Categoria commerciale: 5C

960-36

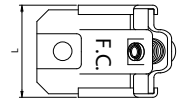
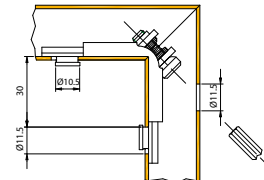


Squadretta in acciaio zincata con tiraggio variabile
Galvanized corner-joint with adjustable angle
Equerre a angle variable en acier zingué
Eckverbinder mit verstellbarem Winkel aus Stahl, verzinkt

960-36	zinc	36	24-33	200	16,00	2,831

Categoria commerciale: 5C

1000-40

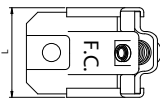
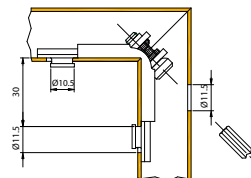


Squadretta in acciaio zincata
Galvanized corner-joint
Equerre en acier zingué
Eckverbinder aus Stahl, verzinkt

1000-40	zinc	39,5	30	150	16,05	1,168

Categoria commerciale: 5C

1000-45

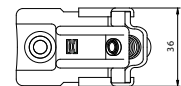
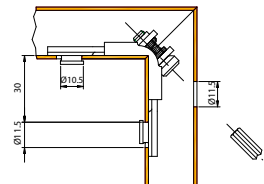


Squadretta in acciaio zincata
Galvanized corner-joint
Equerre en acier zingué
Eckverbinder aus Stahl, verzinkt

1000-45	zinc	44,5	30	150	17,25	1,268

Categoria commerciale: 5C

1001-36

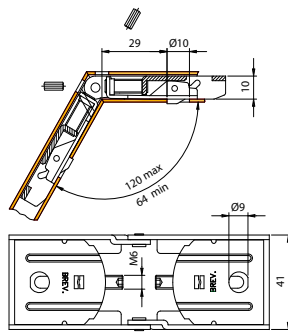


Squadretta in acciaio zincata
Galvanized corner-joint
Equerre en acier zingué
Eckverbinder aus Stahl, verzinkt

1001-36	zinc	36	30	200	17,20	0,680

Categoria commerciale: 5C

1020

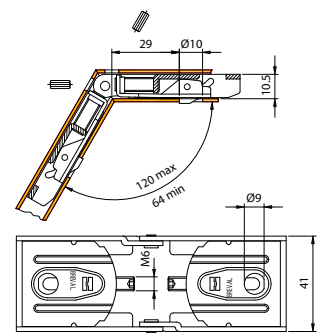


Squadretta in acciaio ad angolo variabile
Steel corner-joint with adjustable angle
Equerre a angle variable en acier zingué
Eckverbinder mit verstellbarem Winkel aus Stahl

1020	zinc	41	29	20	2,50	3,193

Categoria commerciale: 5C

1021

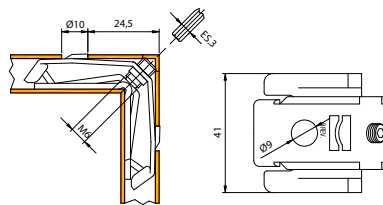


Squadretta in acciaio ad angolo variabile
Steel corner-joint with adjustable angle
Equerre a angle variable en acier zingué
Eckverbinder mit verstellbarem Winkel aus Stahl

1021	zinc	41	29	20	2,50	3,135

Categoria commerciale: 5C

1051 STYNG

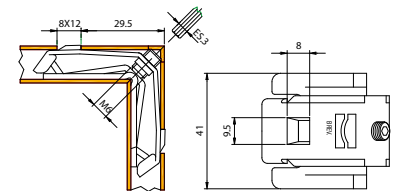


Styng Squadretta in acciaio zincata inox - bottone tondo
Galvanized corner-joint stainless steel
Equerre en acier zingué
Eckverbinder aus Stahl, verzinkt - Edelstahl

1051	zinc	41	10	24,5	250	0,649

Categoria commerciale: 5C

1052 STYNG

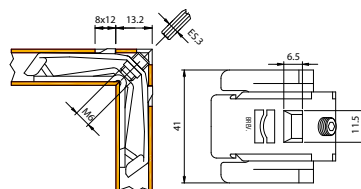


Styng Squadretta in acciaio zincata
Galvanized corner-joint
Equerre en acier zingué
Eckverbinder aus Stahl, verzinkt

1052 STYNG	zinc	41	10	29,5	250	0,693

Categoria commerciale: 5C

1053 STYNG

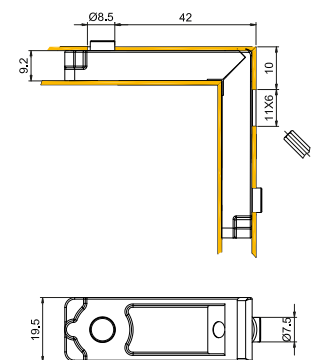


Styng Squadretta in acciaio zincata
Galvanized corner-joint
Equerre en acier zingué
Eckverbinder aus Stahl, verzinkt

1053 STYNG	zinc	41	10	13,2	250	0,648

Categoria commerciale: 5C

1073F - 7,5



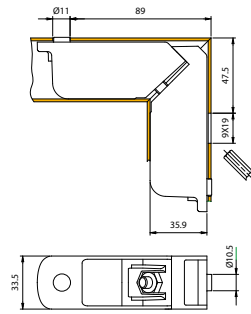
Squadretta in alluminio filettata
Threaded aluminium corner-joint
Équerre aluminium fileté
Eckverbinder aus Aluminium mit Gewinde

1073-7,5	19,5	9,2	42	250	9,75	0,835

Categoria commerciale: 5G

SU RICHIESTA | ON REQUEST

1102 - 10,5

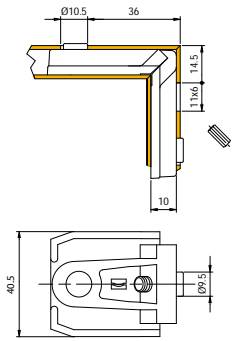


Squadretta in alluminio con dado
Aluminium corner-joint with nut
Equerre aluminium à pion
Eckverbinder aus Aluminium mit Mutter

Icona	L	H	F	Icona	Icona	Icona
1102-10,5	33,5	35,9	89	50	11,30	4,019

Categoria commerciale: 5G

1103F

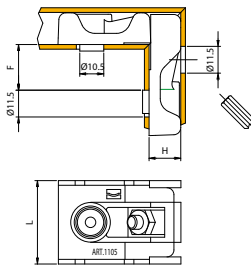


Squadretta in alluminio filettata
Threaded aluminium corner-joint
Equerre aluminium fileté
Eckverbinder aus Aluminium mit Gewinde

Icona	L	H	F	Icona	Icona	Icona
1103F	40,5	10	36	250	13,00	0,788

Categoria commerciale: 5G

1105

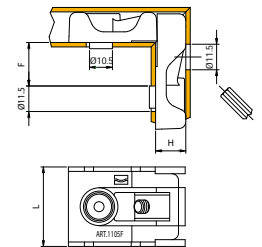


Squadretta in alluminio con dado
Aluminium corner-joint with nut
Equerre aluminium à pion
Eckverbinder aus Aluminium mit Mutter

Icona	L	H	F	Icona	Icona	Icona
1105-40X18	35,8	13,9	21	250	15,00	0,788
1105-45X20	40	16	24	200	13,20	0,928
1105-45X30	40,4	25,2	31,5	150	16,80	1,391
1105-50X25	44,9	20,6	29	200	16,60	1,377
1105 GR9-40X20	35,8	13,6	22	250	16,00	0,966

Categoria commerciale: 5G

1105F

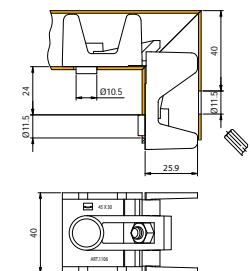


Squadretta in alluminio filettata
Threaded aluminium corner-joint
Equerre aluminium fileté
Eckverbinder aus Aluminium mit Gewinde

Icona	L	H	F	Icona	Icona	Icona
1105F 40X18	35,8	13,9	21	250	15,00	0,804
1105F 50X20	44,8	15,6	24	250	16,00	1,272

Categoria commerciale: 5G

1106

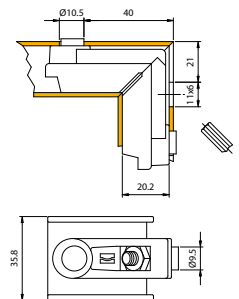


Squadretta in alluminio con dado
Aluminium corner-joint with nut
Equerre aluminium à pion
Eckverbinder aus Aluminium mit Mutter

Icona	L	H	F	Icona	Icona	Icona
1106	40	25,9	40	150	12,45	1,020

Categoria commerciale: 5G

1107

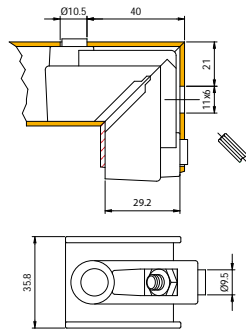


Squadretta in alluminio con dado
Aluminium corner-joint with nut
Equerre aluminium à pion
Eckverbinder aus Aluminium mit Mutter

Icona	L	H	F	Icona	Icona	Icona
1107	35,8	20,2	40	250	16,00	0,941

Categoria commerciale: 5G

1108

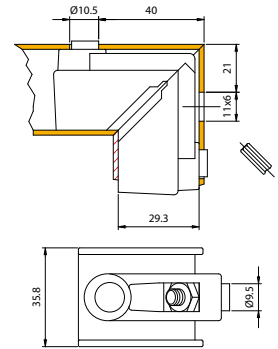


Squadretta in alluminio con dado
Aluminium corner-joint with nut
Equerre aluminium à pion
Eckverbinder aus Aluminium mit Mutter

1108	35,8	29,2	40	200	14,60	0,958

Categoria commerciale: 5G

1108F

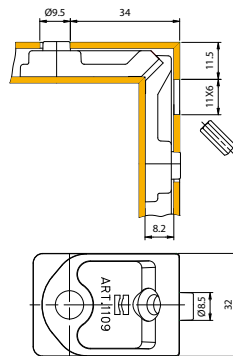


Squadretta in alluminio filettata
Threaded aluminium corner-joint
Equerre aluminium à fileté
Eckverbinder aus Aluminium mit Gewinde

1108F	35,8	29,3	40	200	14,60	0,989

Categoria commerciale: 5G

1109F - 8,5



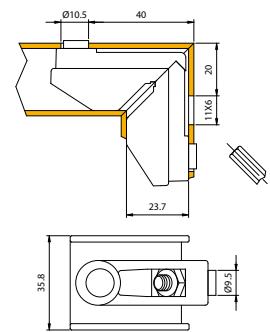
Squadretta in alluminio filettata
Threaded aluminium corner-joint
Equerre aluminium à fileté
Eckverbinder aus Aluminium mit Gewinde

1109F-8,5	32	8,2	34	250	11,25	1,694

Categoria commerciale: 5G

SU RICHIESTA | ON REQUEST

1110

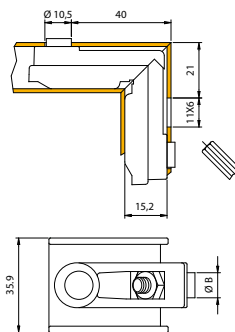


Squadretta in alluminio con dado
Aluminium corner-joint with nut
Equerre aluminium à pion
Eckverbinder aus Aluminium mit Mutter

1110	35,8	23,7	40	250	16,75	1,020

Categoria commerciale: 5G

1111



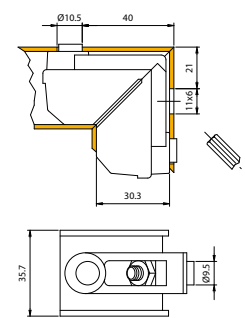
Squadretta in alluminio con dado
Aluminium corner-joint with nut
Equerre aluminium à pion
Eckverbinder aus Aluminium mit Mutter

1111	35,9	15,2	40	250	15,25	0,835

Categoria commerciale: 5G

SU RICHIESTA | ON REQUEST

1112

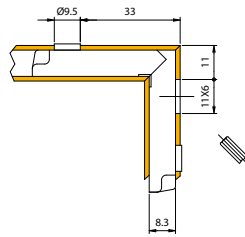


Squadretta in alluminio con dado
Aluminium corner-joint with nut
Equerre aluminium à pion
Eckverbinder aus Aluminium mit Mutter

1112	35,7	30,3	40	200	15,80	0,989

Categoria commerciale: 5G

1114F - 8,5

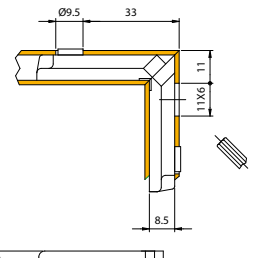


Squadretta in alluminio filettata
Threaded aluminium corner-joint
Equerre aluminium fileté
Eckverbinder aus Aluminium mit Gewinde

1114F-8,5	22,4	8,3	33	250	7,75	0,618

Categoria commerciale: 5G

1115F - 8,5

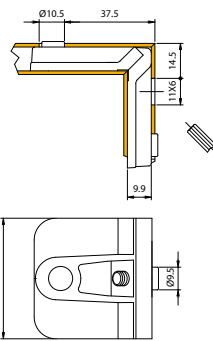


Squadretta in alluminio filettata
Threaded aluminium corner-joint
Equerre aluminium fileté
Eckverbinder aus Aluminium mit Gewinde

1115F-8,5	35,5	8,5	33	250	11,00	0,757

Categoria commerciale: 5G

1116F



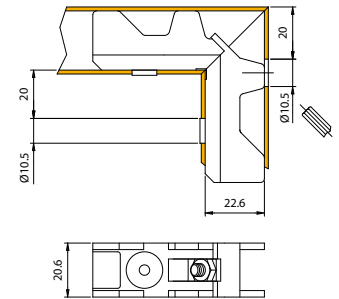
Squadretta in alluminio filettata
Threaded aluminium corner-joint
Equerre aluminium fileté
Eckverbinder aus Aluminium mit Gewinde

1116F	49,9	9,3	37,5	250	13,00	1,005

Categoria commerciale: 5G

SU RICHIESTA | ON REQUEST

1117

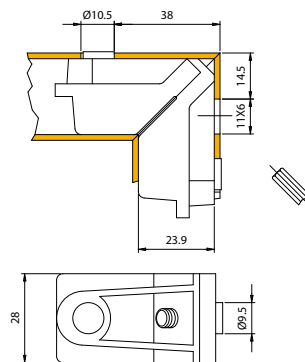


Squadretta in alluminio con dado
Aluminium corner-joint with nut
Equerre aluminium à pion
Eckverbinder aus Aluminium mit Mutter

1117	20,6	22,6	20	250	15,00	1,190

Categoria commerciale: 5G

1118F



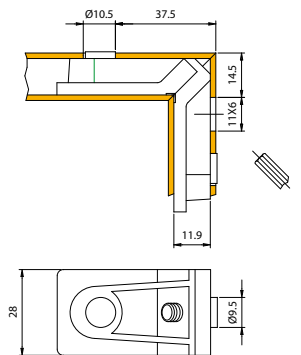
Squadretta in alluminio filettata
Threaded aluminium corner-joint
Equerre aluminium fileté
Eckverbinder aus Aluminium mit Gewinde

1118F	28	23,9	38	250	14,00	1,237

Categoria commerciale: 5G

SU RICHIESTA | ON REQUEST

1119F

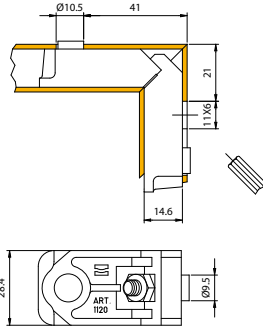


Squadretta in alluminio filettata
Threaded aluminium corner-joint
Equerre aluminium fileté
Eckverbinder aus Aluminium mit Gewinde

1119F	28	11,9	37,5	250	11,00	0,804

Categoria commerciale: 5G

1120

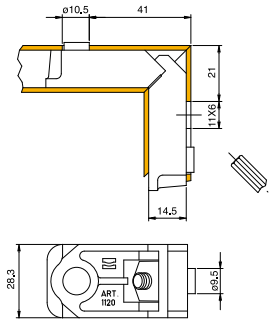


Squadretta in alluminio con dado
Aluminium corner-joint with nut
Equerre aluminium à pion
Eckverbinder aus Aluminium mit Mutter

1120	28,4	14,6	41	250	15,50	0,804

Categoria commerciale: 5G

1120F

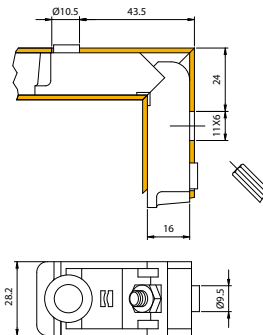


Squadretta in alluminio filettata
Threaded aluminium corner-joint
Equerre aluminium fileté
Eckverbinder aus Aluminium mit Gewinde

1120F	28,3	14,5	41	250	15,50	0,835

Categoria commerciale: 5G

1121

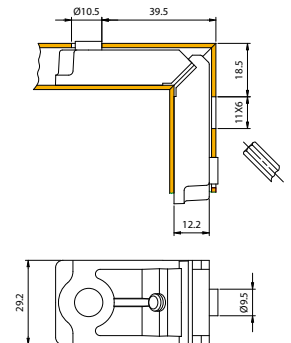


Squadretta in alluminio con dado
Aluminium corner-joint with nut
Equerre aluminium à pion
Eckverbinder aus Aluminium mit Mutter

1121	28,2	16	43,5	250	16,50	0,958

Categoria commerciale: 5G

1122F



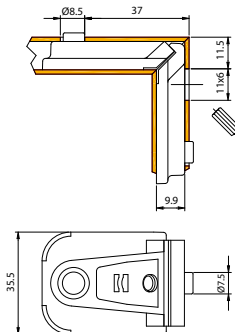
Squadretta in alluminio filettata
Threaded aluminium corner-joint
Equerre aluminium fileté
Eckverbinder aus Aluminium mit Gewinde

1122F	29,2	12,2	39,5	250	15,25	1,011

Categoria commerciale: 5G

SU RICHIESTA | ON REQUEST

1123F - 7,5



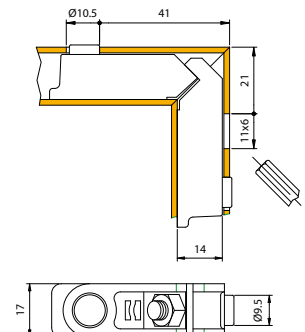
Squadretta in alluminio filettata
Threaded aluminium corner-joint
Equerre aluminium fileté
Eckverbinder aus Aluminium mit Gewinde

1123F - 7,5	35,5	9,9	37	250	15,00	1,237

Categoria commerciale: 5G

SU RICHIESTA | ON REQUEST

1124



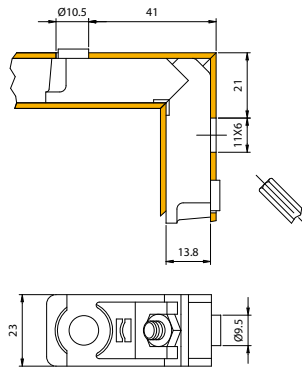
Squadretta in alluminio con dado
Aluminium corner-joint with nut
Equerre aluminium à pion
Eckverbinder aus Aluminium mit Mutter

1124	17	14	41	250	11,75	0,711

Categoria commerciale: 5G

SU RICHIESTA | ON REQUEST

1125

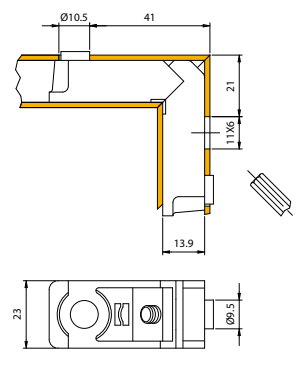


Squadretta in alluminio con dado
Aluminium corner-joint with nut
Equerre aluminium à pion
Eckverbinder aus Aluminium mit Mutter

1125	23	13,8	41	250	14,00	0,742

Categoria commerciale: 5G

1125F

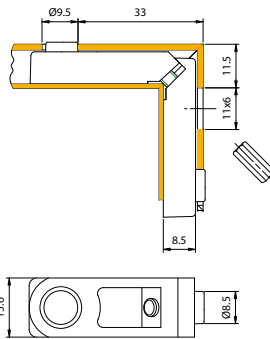


Squadretta in alluminio filettata
Threaded aluminium corner-joint
Equerre aluminium fileté
Eckverbinder aus Aluminium mit Gewinde

1125F	23	13,9	41	250	14,00	0,773

Categoria commerciale: 5G

1126F - 8,5

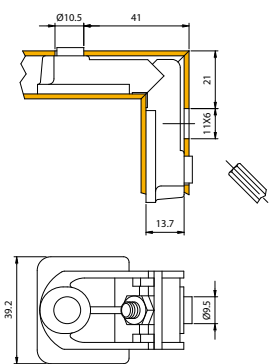


Squadretta in alluminio filettata
Threaded aluminium corner-joint
Equerre aluminium fileté
Eckverbinder aus Aluminium mit Gewinde

1126F - 8,5	15,6	8,5	33	250	6,00	0,804

Categoria commerciale: 5G

1127



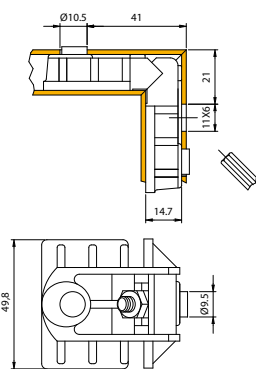
Squadretta in alluminio con dado
Aluminium corner-joint with nut
Equerre aluminium à pion
Eckverbinder aus Aluminium mit Mutter

1127	39,2	13,7	41	200	15,00	1,206

Categoria commerciale: 5G

SU RICHIESTA | ON REQUEST

1128



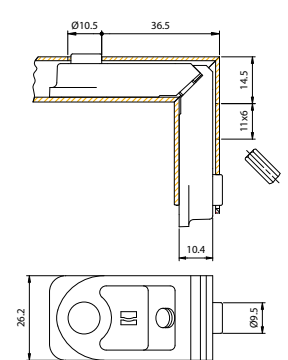
Squadretta in alluminio con dado
Aluminium corner-joint with nut
Equerre aluminium à pion
Eckverbinder aus Aluminium mit Mutter

1128	49,8	14,7	41	200	17,60	1,411

Categoria commerciale: 5G

SU RICHIESTA | ON REQUEST

1129F

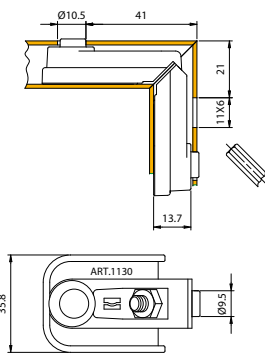


Squadretta in alluminio filettata
Threaded aluminium corner-joint
Equerre aluminium fileté
Eckverbinder aus Aluminium mit Gewinde

1129F	26,2	10,4	36,5	250	11,00	0,680

Categoria commerciale: 5G

1130

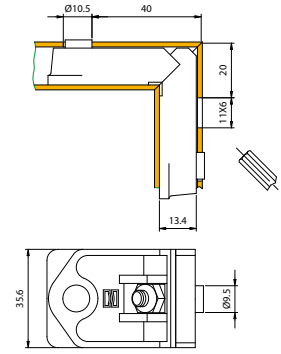


Squadretta in alluminio con dado
Aluminium corner-joint with nut
Équerre aluminium à pion
Eckverbinder aus Aluminium mit Mutter

1130	35,8	13,7	41	250	15,50	0,897

Categoria commerciale: 5G

1130V



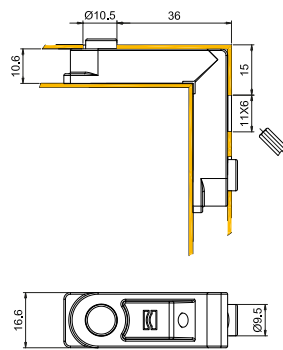
Squadretta in alluminio con dado
Aluminium corner-joint with nut
Équerre aluminium à pion
Eckverbinder aus Aluminium mit Mutter

1130V	35,6	13,4	40	250	17,75	0,773

Categoria commerciale: 5G

SU RICHIESTA | ON REQUEST

1131F



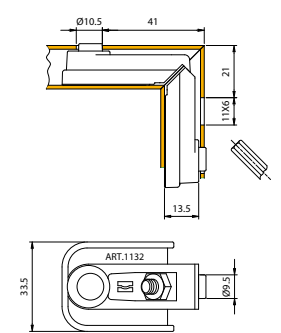
Squadretta in alluminio filettata
Threaded aluminium corner-joint
Équerre aluminium fileté
Eckverbinder aus Aluminium mit Gewinde

1131F	16,6	10,6	36	250	9,75	0,625

Categoria commerciale: 5G

SU RICHIESTA | ON REQUEST

1132

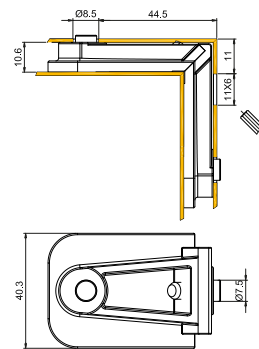


Squadretta in alluminio con dado
Aluminium corner-joint with nut
Équerre aluminium à pion
Eckverbinder aus Aluminium mit Mutter

1132	33,5	13,5	41	250	14,00	1,175

Categoria commerciale: 5G

1133F - 7,5

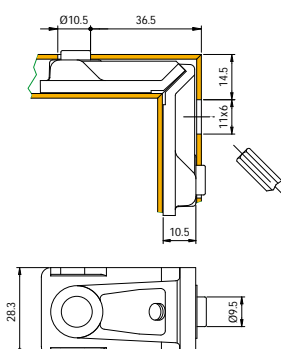


Squadretta in alluminio filettata
Threaded aluminium corner-joint
Équerre aluminium fileté
Eckverbinder aus Aluminium mit Gewinde

1133F-7,5	40,3	10,6	44,5	250	16,75	1,009

Categoria commerciale: 5G

1134F

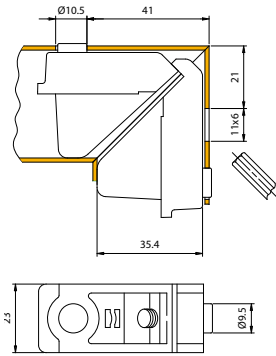


Squadretta in alluminio filettata
Threaded aluminium corner-joint
Équerre aluminium fileté
Eckverbinder aus Aluminium mit Gewinde

1134F	28,3	10,5	36,5	250	11,50	0,742

Categoria commerciale: 5G

1135F

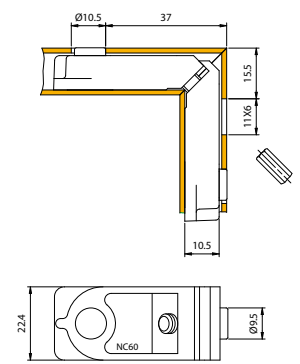


Squadretta in alluminio filettata
Threaded aluminium corner-joint
Equerre aluminium fileté
Eckverbinder aus Aluminium mit Gewinde

1135F	23	35,4	41	250	16,75	1,206

Categoria commerciale: 5G

1136F

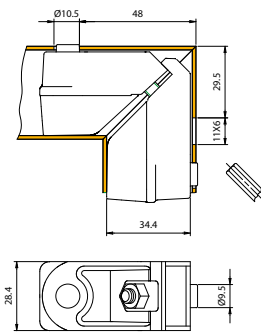


Squadretta in alluminio filettata
Threaded aluminium corner-joint
Equerre aluminium fileté
Eckverbinder aus Aluminium mit Gewinde

1136F	22,4	10,5	37	250	9,25	0,680

Categoria commerciale: 5G

1137

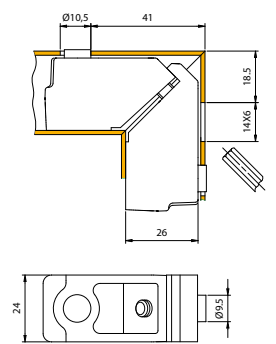


Squadretta in alluminio con dado
Aluminium corner-joint with nut
Equerre aluminium à pion
Eckverbinder aus Aluminium mit Mutter

1137	28,4	34,4	48	150	15,90	1,453

Categoria commerciale: 5G

1138F



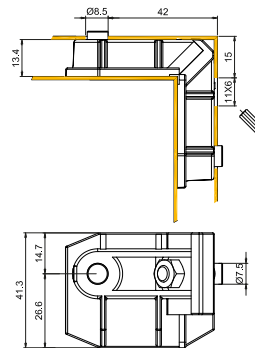
Squadretta in alluminio filettata
Threaded aluminium corner-joint
Equerre aluminium fileté
Eckverbinder aus Aluminium mit Gewinde

1138F	24	26	41	250	17,75	1,082

Categoria commerciale: 5G

SU RICHIESTA | ON REQUEST

1139 - 7,5

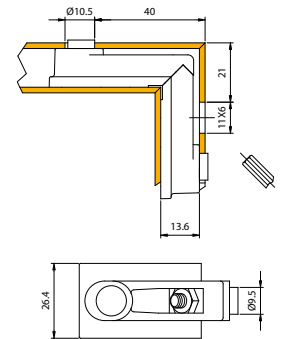


Squadretta in alluminio con dado
Aluminium corner-joint with nut
Equerre aluminium à pion
Eckverbinder aus Aluminium mit Mutter

1139-7,5	41,3	13,4	42	250	17,50	0,872

Categoria commerciale: 5G

1140

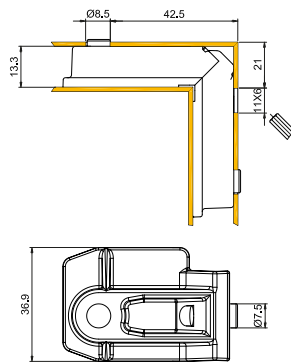


Squadretta in alluminio con dado
Aluminium corner-joint with nut
Equerre aluminium à pion
Eckverbinder aus Aluminium mit Mutter

1140	26,4	13,6	40	250	11,50	0,867

Categoria commerciale: 5G

1141

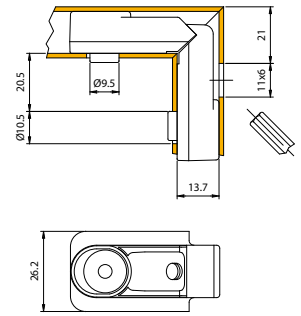


Squadretta in alluminio con dado
Aluminium corner-joint with nut
Équerre aluminium à pion
Eckverbinder aus Aluminium mit Mutter

1141	36,9	13,3	42,5	250	16,5	1,260

Categoria commerciale: 5G

1142F

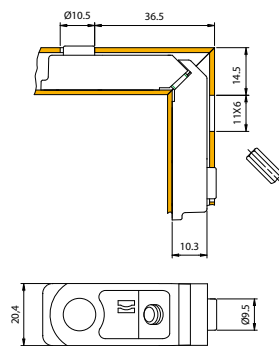


Squadretta in alluminio filettata
Threaded aluminium corner-joint
Equerre aluminium fileté
Eckverbinder aus Aluminium mit Gewinde

1142F	26,2	13,7	20,5	250	11,00	0,840

Categoria commerciale: 5G

1143F

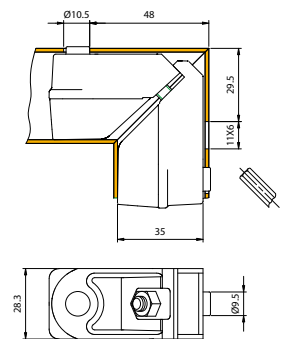


Squadretta in alluminio filettata
Threaded aluminium corner-joint
Equerre aluminium fileté
Eckverbinder aus Aluminium mit Gewinde

1143F	20,4	10,3	36,5	250	8,00	0,680

Categoria commerciale: 5G

1144

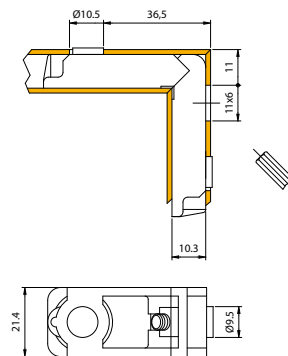


Squadretta in alluminio con dado
Aluminium corner-joint with nut
Equerre aluminium à pion
Eckverbinder aus Aluminium mit Mutter

1144	28,3	35	48	150	15,90	1,824

Categoria commerciale: 5G

1145F

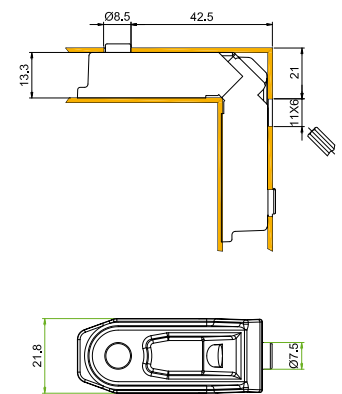


Squadretta in alluminio filettata
Threaded aluminium corner-joint
Equerre aluminium fileté
Eckverbinder aus Aluminium mit Gewinde

1145F	21,4	10,3	36,5	250	9,50	0,714

Categoria commerciale: 5G

1146

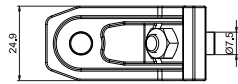
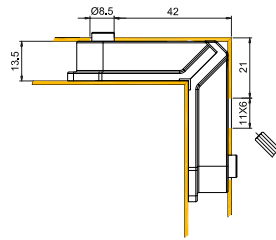


Squadretta in alluminio con dado
Aluminium corner-joint with nut
Équerre aluminium à pion
Eckverbinder aus Aluminium mit Mutter

1146	21,8	13,3	42,5	250	12,75	1,050

Categoria commerciale: 5G

1147-7,5

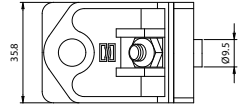
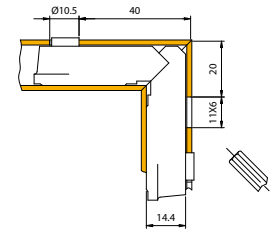


Squadretta in alluminio con dado
Aluminium corner-joint with nut
Équerre aluminium à pion
Eckverbinder aus Aluminium mit Mutter

1147-7,5	24,9	13,5	42	250	13,0	0,700

Categoria commerciale: 5G

1148F

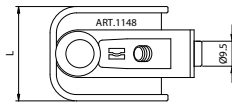
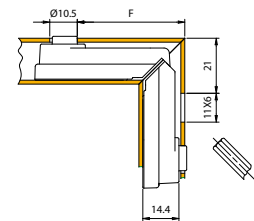


Squadretta in alluminio filettata
Threaded aluminium corner-joint
Equerre aluminium fileté
Eckverbinder aus Aluminium mit Gewinder

1148F LEGGERA	35,7	14,4	41	250	15,50	0,835
1148F PESANTE	35,9	14,4	40	250	18,20	1,077

Categoria commerciale: 5G

1148

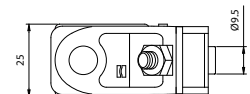
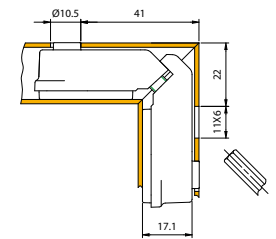


Squadretta in alluminio con dado
Aluminium corner-joint with nut
Equerre aluminium à pion
Eckverbinder aus Aluminium mit Mutter

1148 PESANTE	35,8	14,4	40	250	17,25	0,897

Categoria commerciale: 5G

1155

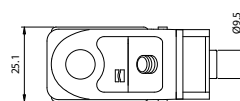
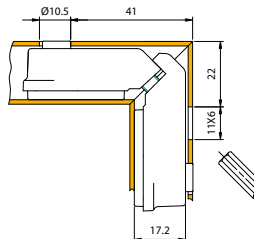


Squadretta in alluminio con dado
Aluminium corner-joint with nut
Equerre aluminium à pion
Eckverbinder aus Aluminium mit Mutter

1155	25	17,1	41	250	15,50	0,850

Categoria commerciale: 5G

1155F

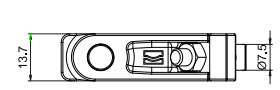
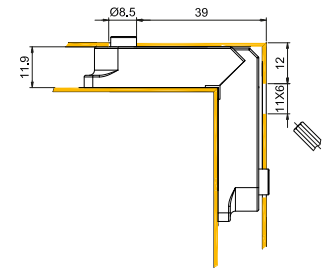


Squadretta in alluminio filettata
Threaded aluminium corner-joint
Equerre aluminium fileté
Eckverbinder aus Aluminium mit Gewinde

1155F	25,1	17,2	41	250	15,50	0,881

Categoria commerciale: 5G

1156-7,5

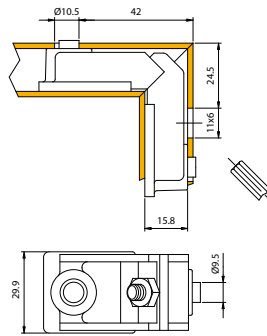


Squadretta in alluminio con dado
Aluminium corner-joint with nut
Équerre aluminium à pion
Eckverbinder aus Aluminium mit Mutter

1156-7,5	13,7	11,9	39	250	8,0	0,776

Categoria commerciale: 5G

1157



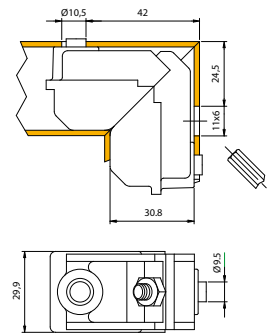
Squadretta in alluminio con dado
Aluminium corner-joint with nut
Equerre aluminium à pion
Eckverbinder aus Aluminium mit Mutter

1157	29,9	15,8	42	250	16,75	1,360

Categoria commerciale: 5G

SU RICHIESTA | ON REQUEST

1159



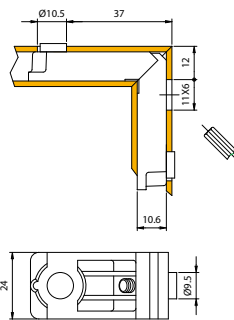
Squadretta in alluminio con dado
Aluminium corner-joint with nut
Equerre aluminium à pion
Eckverbinder aus Aluminium mit Mutter

1159	29,9	30,8	42	250	20,25	1,108

Categoria commerciale: 5G

SU RICHIESTA | ON REQUEST

1160F

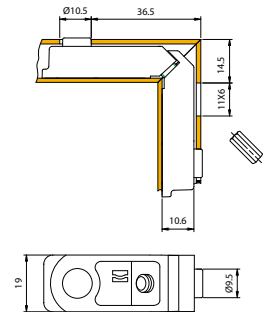


Squadretta in alluminio filettata
Threaded aluminium corner-joint
Equerre aluminium fileté
Eckverbinder aus Aluminium mit Gewinde

1160F TA	24	10,6	37	250	11,50	0,680

Categoria commerciale: 5G

1161F

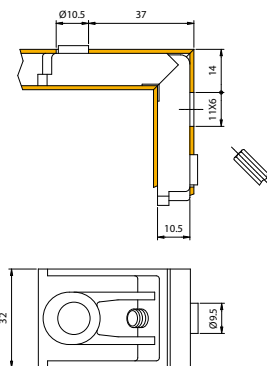


Squadretta in alluminio filettata
Threaded aluminium corner-joint
Equerre aluminium fileté
Eckverbinder aus Aluminium mit Gewinde

1161F	19	10,6	36,5	250	9,00	0,680

Categoria commerciale: 5G

1163F

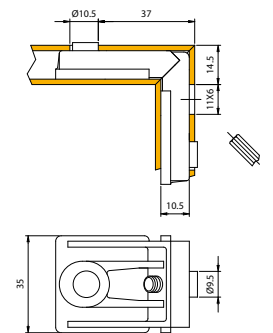


Squadretta in alluminio filettata
Threaded aluminium corner-joint
Equerre aluminium fileté
Eckverbinder aus Aluminium mit Gewinde

1163F	32	10,5	37	200	11,20	0,819

Categoria commerciale: 5G

1164F

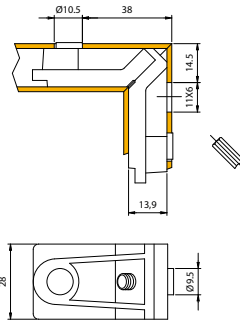


Squadretta in alluminio filettata
Threaded aluminium corner-joint
Equerre aluminium fileté
Eckverbinder aus Aluminium mit Gewinde

1164F	35	10,5	37	250	11,75	0,928

Categoria commerciale: 5G

1165F



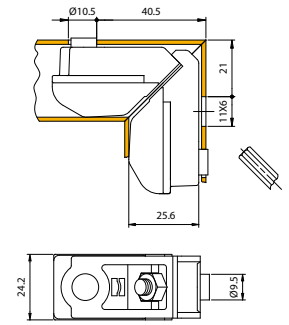
Squadretta in alluminio filettata
Threaded aluminium corner-joint
Equerre aluminium fileté
Eckverbinder aus Aluminium mit Gewinde

1165F	28	13,9	38	250	12,00	0,803

Categoria commerciale: 5G

SU RICHIESTA | ON REQUEST

1166

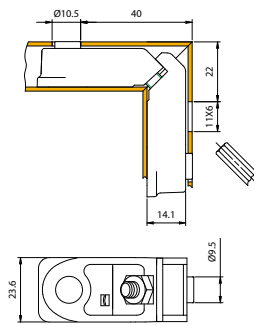


Squadretta in alluminio con dado
Aluminium corner-joint with nut
Equerre aluminium à pion
Eckverbinder aus Aluminium mit Mutter

1166	24,2	25,6	40,5	250	17,25	0,958

Categoria commerciale: 5G

1167

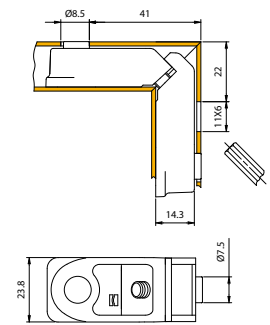


Squadretta in alluminio con dado
Aluminium corner-joint with nut
Equerre aluminium à pion
Eckverbinder aus Aluminium mit Mutter

1167	23,6	14,1	40	250	14,25	0,742

Categoria commerciale: 5G

1167F 1167F - 7,5

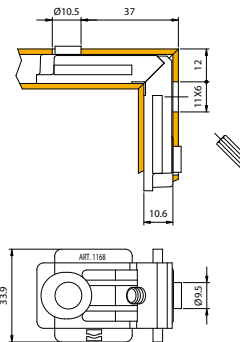


Squadretta in alluminio filettata
Threaded aluminium corner-joint
Equerre aluminium fileté
Eckverbinder aus Aluminium mit Gewinde

1167F	23,8	14,3	40	250	14,00	0,978
1167F - 7,5	23,8	14,3	41	250	14,00	0,773

Categoria commerciale: 5G

1168F

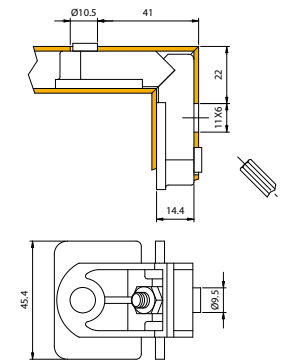


Squadretta in alluminio con dado
Aluminium corner-joint with nut
Equerre aluminium à pion
Eckverbinder aus Aluminium mit Mutter

1168F	33,9	10,6	37	250	12,50	0,771

Categoria commerciale: 5G

1169

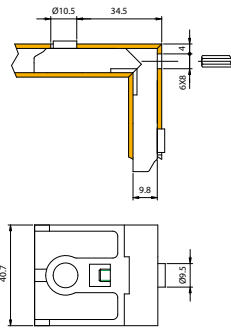


Squadretta in alluminio con dado
Aluminium corner-joint with nut
Equerre aluminium à pion
Eckverbinder aus Aluminium mit Mutter

1169	45,4	14,4	41	200	16,20	1,237

Categoria commerciale: 5G

1170F



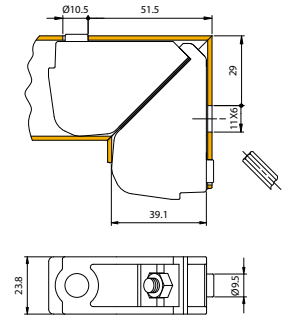
Squadretta in alluminio filettata
Threaded aluminium corner-joint
Equerre aluminium fileté
Eckverbinder aus Aluminium mit Gewinde

1170F	40,7	9,8	34,5	250	16,50	1,144

Categoria commerciale: 5G

SU RICHIESTA | ON REQUEST

1172

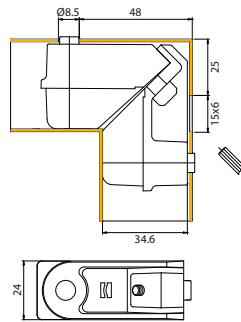


Squadretta in alluminio con dado
Aluminium corner-joint with nut
Equerre aluminium à pion
Eckverbinder aus Aluminium mit Mutter

1172	23,8	39,1	51,5	150	8,40	1,391

Categoria commerciale: 5G

1173F



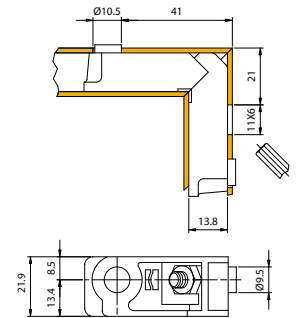
Squadretta in alluminio filettata
Threaded aluminium corner-joint
Equerre aluminium fileté
Eckverbinder aus Aluminium mit Gewinde

1173F - 7,5	24	34,6	48	250	22,50	1,311
1173F - 9,5	24	44,6	47	250	22,50	1,311

Categoria commerciale: 5G

SU RICHIESTA | ON REQUEST

1175

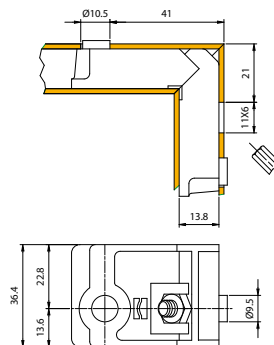


Squadretta in alluminio con dado
Aluminium corner-joint with nut
Equerre aluminium à pion
Eckverbinder aus Aluminium mit Mutter

1175	21,9	13,8	41	250	13,00	1,299

Categoria commerciale: 5G

1176



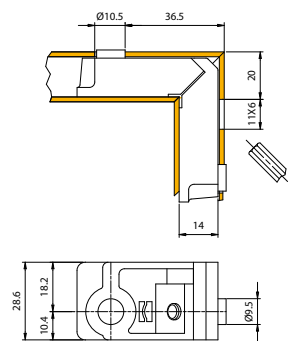
Squadretta in alluminio con dado
Aluminium corner-joint with nut
Equerre aluminium à pion
Eckverbinder aus Aluminium mit Mutter

1176	36,4	13,8	41	250	18,75	1,206

Categoria commerciale: 5G

SU RICHIESTA | ON REQUEST

1177F (dx-sx)

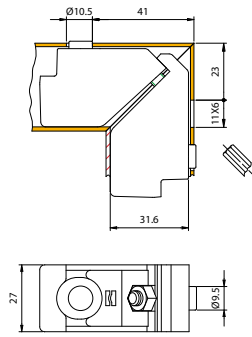


Squadretta in alluminio filettata dx e sx
Threaded aluminium corner-joint
Equerre aluminium fileté droite et gauche
Eckverbinder aus Aluminium mit Gewinde rechts und links

1177F (DX-SX)	28,6	14	36,5	200 (100dx+100sx)	22,00	1,670

Categoria commerciale: 5G

1178F

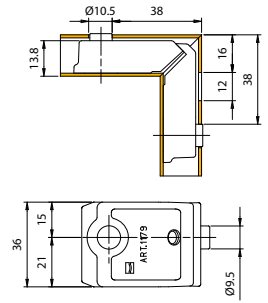


Squadretta in alluminio filettata
Threaded aluminium corner-joint
Equerre aluminium fileté
Eckverbinder aus Aluminium mit Gewinde

1178F	27	31,6	41	150	11,70	1,237

Categoria commerciale: 5G

1179F



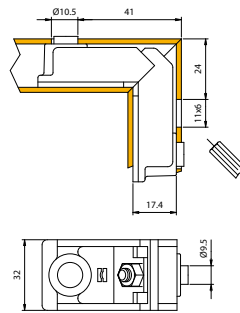
Squadretta in alluminio filettata
Threaded aluminium corner-joint
Equerre aluminium fileté
Eckverbinder aus Aluminium mit Gewinde

1179F	36	13,8	38	250	17,75	1,082

Categoria commerciale: 5G

SU RICHIESTA | ON REQUEST

1180

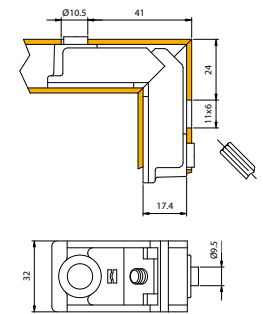


Squadretta in alluminio con dado
Aluminium corner-joint with nut
Equerre aluminium à pion
Eckverbinder aus Aluminium mit Mutter

1180	32	17,4	41	250	18,00	0,928

Categoria commerciale: 5G

1180F

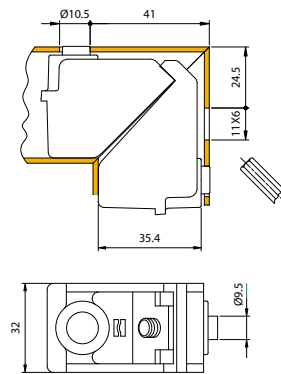


Squadretta in alluminio filettata
Threaded aluminium corner-joint
Equerre aluminium fileté
Eckverbinder aus Aluminium mit Gewinde

1180F	32	17,4	41	250	18,00	0,958

Categoria commerciale: 5G

1181F



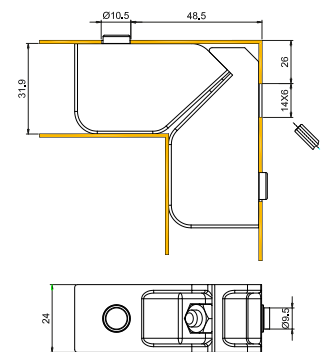
Squadretta in alluminio filettata
Threaded aluminium corner-joint
Equerre aluminium fileté
Eckverbinder aus Aluminium mit Gewinde

1181F	32	35,4	41	250	21,50	1,391

Categoria commerciale: 5G

SU RICHIESTA | ON REQUEST

1182

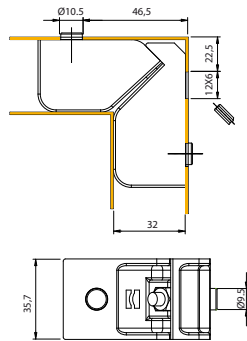


Squadretta in alluminio con dado
Aluminium corner-joint with nut
Equerre aluminium à pion
Eckverbinder aus Aluminium mit Mutter

1182	24	31,9	48,5	200	20,40	1,579

Categoria commerciale: 5G

1183



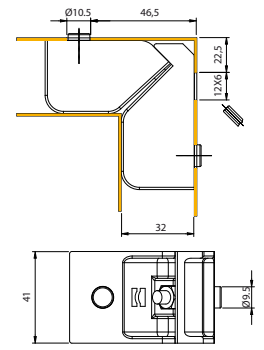
Squadretta in alluminio con dado
Aluminium corner-joint with nut
Equerre aluminium à pion
Eckverbinder aus Aluminium mit Mutter

1183	35,7	32	46,5	150	18,30	1,743

Categoria commerciale: 5G

SU RICHIESTA | ON REQUEST

1184



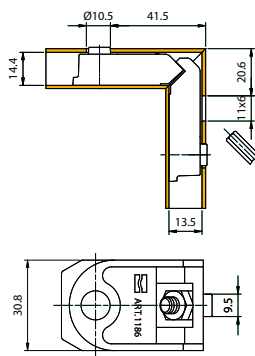
Squadretta in alluminio con dado
Aluminium corner-joint with nut
Equerre aluminium à pion
Eckverbinder aus Aluminium mit Mutter

1184	41	32	46,5	100	13,30	1,794

Categoria commerciale: 5G

SU RICHIESTA | ON REQUEST

1186



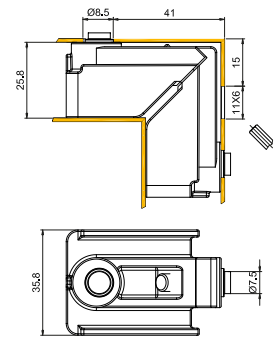
Squadretta in alluminio con dado
Aluminium corner-joint with nut
Equerre aluminium à pion
Eckverbinder aus Aluminium mit Mutter

1186	30,8	13,5	41,5	250	16,50	1,082

Categoria commerciale: 5G

SU RICHIESTA | ON REQUEST

1187F - 7,5

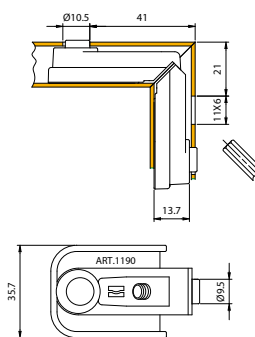


Squadretta in alluminio filettata
Threaded aluminium corner-joint
Equerre aluminium fileté
Eckverbinder aus Aluminium mit Gewinde

1187F-7,5	35,8	25,8	38	250	18,50	1,098

Categoria commerciale: 5G

1190F

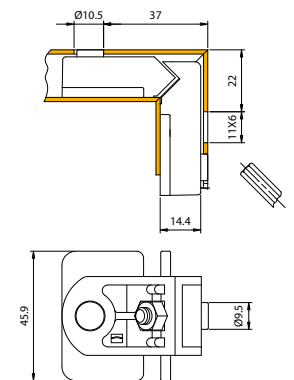


Squadretta in alluminio filettata
Threaded aluminium corner-joint
Equerre aluminium fileté
Eckverbinder aus Aluminium mit Gewinde

1190F	35,7	13,7	41	250	15,00	0,804

Categoria commerciale: 5G

1191



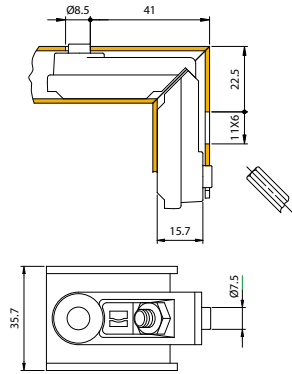
Squadretta in alluminio con dado
Aluminium corner-joint with nut
Equerre aluminium à pion
Eckverbinder aus Aluminium mit Mutter

1191	45,9	14,4	37	250	19,25	1,175

Categoria commerciale: 5G

SU RICHIESTA | ON REQUEST

1192 - 7,5

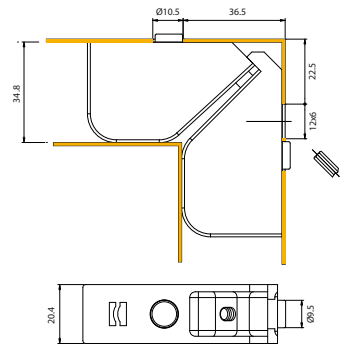


Squadretta in alluminio con dado
Aluminium corner-joint with nut
Equerre aluminium à pion
Eckverbinder aus Aluminium mit Mutter

1192	35,7	15,7	41	250	16,00	0,897

Categoria commerciale: 5G

1193F

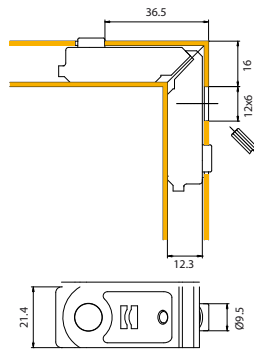


Squadretta in alluminio filettata
Threaded aluminium corner-joint
Equerre aluminium fileté
Eckverbinder aus Aluminium mit Gewinde

1193F	20,4	34,8	36,5	250	21,00	3,120

Categoria commerciale: 5G

1194F

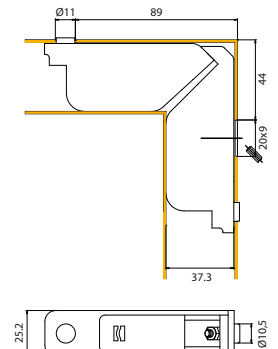


Squadretta in alluminio filettata
Threaded aluminium corner-joint
Equerre aluminium fileté
Eckverbinder aus Aluminium mit Gewinde

1194F	21,4	12,3	36,5	250	13,00	0,979

Categoria commerciale: 5G

1196 - 10,5



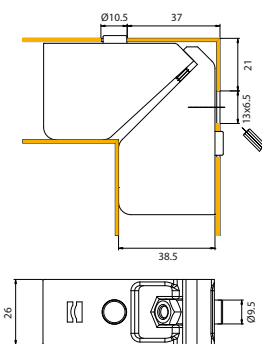
Squadretta in alluminio con dado
Aluminium corner-joint with nut
Equerre aluminium à pion
Eckverbinder aus Aluminium mit Mutter

1196-10,5	25,2	37,3	89	50	8,80	2,915

Categoria commerciale: 5G

SU RICHIESTA | ON REQUEST

1197

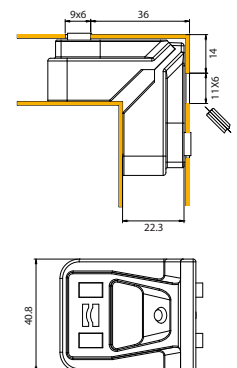


Squadretta in alluminio con dado
Aluminium corner-joint with nut
Equerre aluminium à pion
Eckverbinder aus Aluminium mit Mutter

1197	26	38,5	37	150	18,00	1,606

Categoria commerciale: 5G

1198F

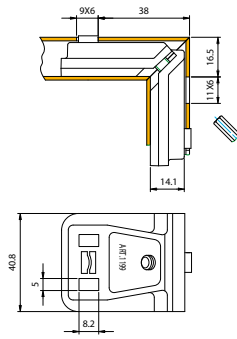


Squadretta in alluminio filettata
Threaded aluminium corner-joint
Equerre aluminium fileté
Eckverbinder aus Aluminium mit Gewinde

1198F	40,8	22,3	36	200	18,20	1,509

Categoria commerciale: 5G

1199F



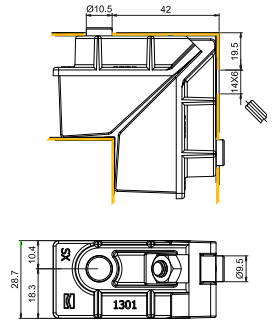
Squadretta in alluminio filettata
Threaded aluminium corner-joint
Équerre aluminium fileté
Eckverbinder aus Aluminium mit Gewinde

Code	L	H	F	W	D	€
1199F	40,8	14,1	38	200	18,80	1,237

Categoria commerciale: 5G

SU RICHIESTA | ON REQUEST

1301 sx 1301 dx

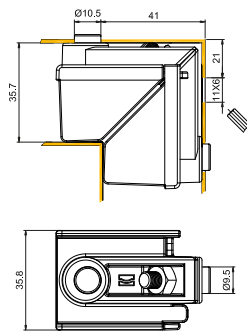


Squadretta in alluminio con dado
Aluminium corner-joint with nut
Équerre aluminium à pion
Eckverbinder aus Aluminium mit Mutter

Code	L	H	F	W	D	€
1301 dx	28,7	37,5	42	150	13,50	1,168
1301 sx	28,7	37,5	42	150	13,50	1,168

Categoria commerciale: 5G

1302

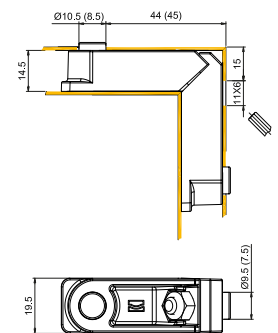


Squadretta in alluminio con dado
Aluminium corner-joint with nut
Équerre aluminium à pion
Eckverbinder aus Aluminium mit Mutter

Code	L	H	F	W	D	€
1302	35,8	35,7	41	150	11,25	1,175

Categoria commerciale: 5G

1303 1303 - 7,5

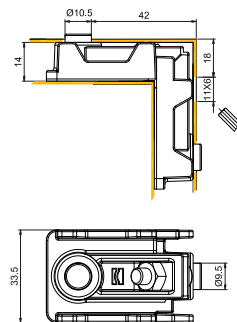


Squadretta in alluminio con dado
Aluminium corner-joint with nut
Équerre aluminium à pion
Eckverbinder aus Aluminium mit Mutter

Code	L	H	F	W	D	€
1303	19,5	14,5	44	250	13,50	0,742
1303-7,5	19,5	14,5	45	250	13,50	0,759

Categoria commerciale: 5G

1304 - 7,5

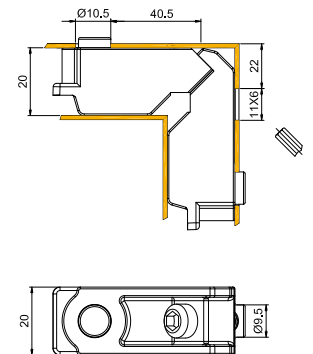


Squadretta in alluminio con dado
Aluminium corner-joint with nut
Équerre aluminium à pion
Eckverbinder aus Aluminium mit Mutter

Code	L	H	F	W	D	€
1304-7,5	33,5	14	42	250	16,50	1,360

Categoria commerciale: 5G

1305F

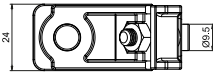
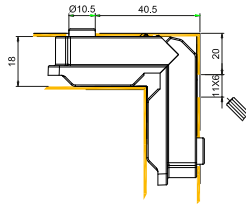


Squadretta in alluminio filettata
Threaded aluminium corner-joint
Équerre aluminium fileté
Eckverbinder aus Aluminium mit Gewinde

Code	L	H	D	W	D	€
1305F (A536F)	20	20	40,5	250	12,50	0,880

Categoria commerciale: 5G

1306

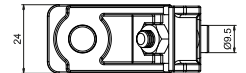
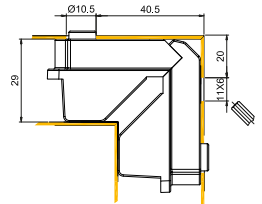


Squadretta in alluminio con dado
Aluminium corner-joint with nut
Équerre aluminium à pion
Eckverbinder aus Aluminium mit Mutter

1306 (A537)	24	18	40,5	250	14,25	1,135

Categoria commerciale: 5G

1307

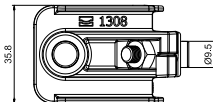
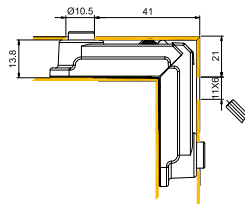


Squadretta in alluminio con dado
Aluminium corner-joint with nut
Équerre aluminium à pion
Eckverbinder aus Aluminium mit Mutter

1307 (A538)	24	29	40,5	250	15,50	1,336

Categoria commerciale: 5G

1308

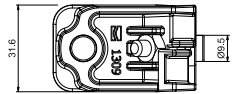
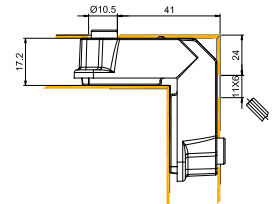


Squadretta in alluminio con dado
Aluminium corner-joint with nut
Équerre aluminium à pion
Eckverbinder aus Aluminium mit Mutter

1308	35,8	13,8	41	250	15,5	0,79

Categoria commerciale: 5G

1309



Squadretta in alluminio con dado
Aluminium corner-joint with nut
Équerre aluminium à pion
Eckverbinder aus Aluminium mit Mutter

1309	31,6	17,2	41	250	18,00	0,806

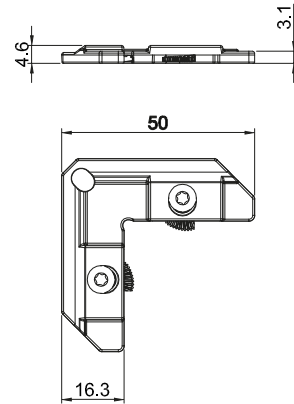
Categoria commerciale: 5G

1580



Squadretta di allineamento pressofusa con eccentrici
Die-cast aligning corner-joint with grip eccentrics
Équerre en aluminium pressé avec systèmes d'ancrage excentrique
Druckgussster Ausrichtungswinkel mit Exzenterscheibe

AKTIVA
PATENTED



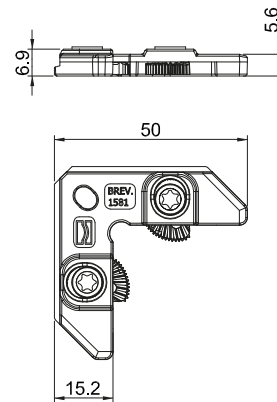
	L	H	P	A	€
1580 AKTIVA	4,6	16,3	250	3,00	0,704
Categoria commerciale: 5G					

1581



Squadretta di allineamento pressofusa con eccentrici
Die-cast aligning corner-joint with grip eccentrics
Équerre en aluminium pressé avec systèmes d'ancrage excentrique
Druckgussster Ausrichtungswinkel mit Exzenterscheibe

AKTIVA
PATENTED



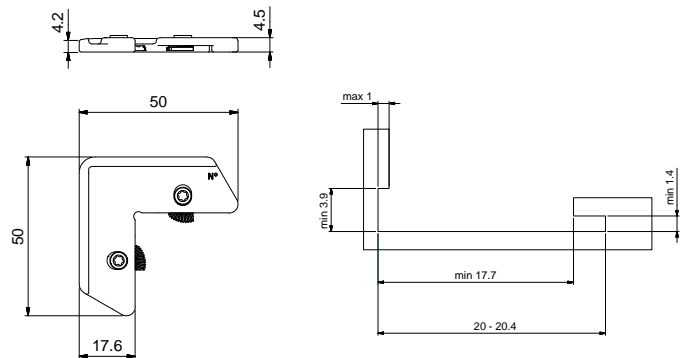
	L	H	P	A	€
1581 AKTIVA	6,9	15,2	250	4,0	0,651
Categoria commerciale: 5G					

1582



Squadretta di allineamento pressofusa con eccentrici
Die-cast, aligning corner joint with grip eccentrics
Équerre en aluminium pressé avec systèmes d'ancrage excentrique
Druckgussster Ausrichtungswinkel mit Exzenterscheibe

AKTIVA
PATENTED



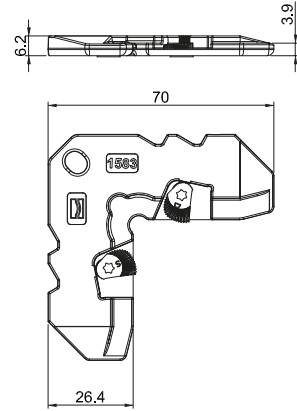
	L	H	P	A	€
1582 AKTIVA	4,5	17,6	250	3,25	0,568
Categoria commerciale: 5G					

1583



Squadretta di allineamento pressofusa con eccentrici
Die-cast aligning corner-joint with grip eccentrics
Équerre en aluminium pressé avec systèmes d'ancrage excentrique
Druckgegusster Ausrichtungswinkel mit Exzenterscheibe

AKTIVA
PATENTED



1583 AKTIVA	6,2	26,4	250	7,75	0,663

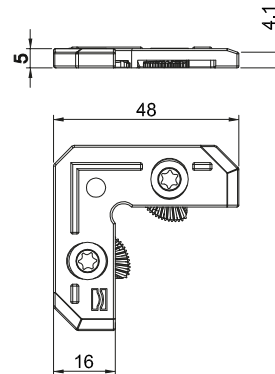
Categoria commerciale: 5G

1584



Squadretta di allineamento pressofusa con eccentrici
Die-cast aligning corner-joint with grip eccentrics
Équerre en aluminium pressé avec systèmes d'ancrage excentrique
Druckgegusster Ausrichtungswinkel mit Exzenterscheibe

AKTIVA
PATENTED



1584 AKTIVA	5	16	250	4,0	0,607

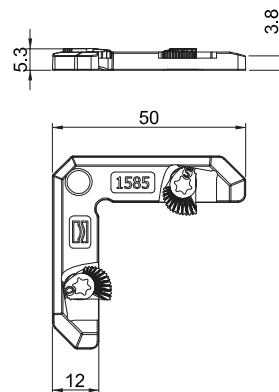
Categoria commerciale: 5G

1585



Squadretta di allineamento pressofusa con eccentrici
Die-cast aligning corner-joint with grip eccentrics
Équerre en aluminium pressé avec systèmes d'ancrage excentrique
Druckgegusster Ausrichtungswinkel mit Exzenterscheibe

AKTIVA
PATENTED



1585 AKTIVA	5,3	12	250	2,75	0,704

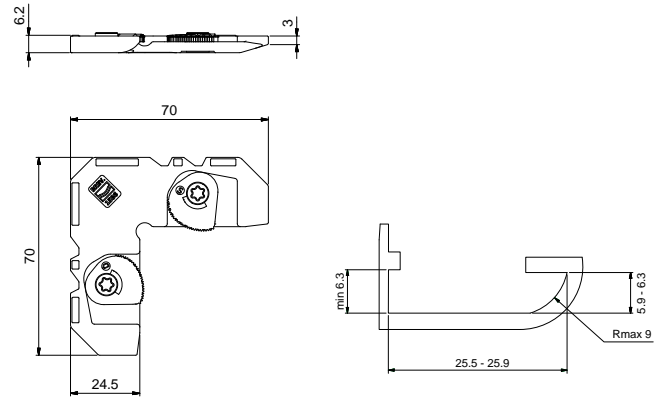
Categoria commerciale: 5G

1586



Squadretta di allineamento pressofusa con eccentrici
Die-cast, aligning corner joint with grip eccentrics
Équerre en aluminium pressé avec systèmes d'ancrage excentrique
Druckgussster Ausrichtungswinkel mit Exzenterscheibe

AKTIVA
PATENTED



1586 AKTIVA	6,2	24,5	250	9,0	0,746

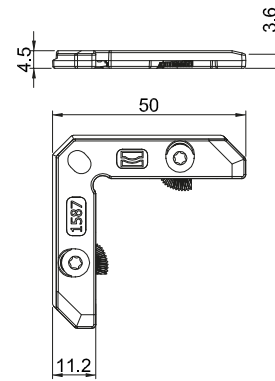
Categoria commerciale: 5G

1587



Squadretta di allineamento pressofusa con eccentrici
Die-cast aligning corner-joint with grip eccentrics
Équerre en aluminium pressé avec systèmes d'ancrage excentrique
Druckgussster Ausrichtungswinkel mit Exzenterscheibe

AKTIVA
PATENTED



1587 AKTIVA	4,5	11,2	250	2,75	0,704

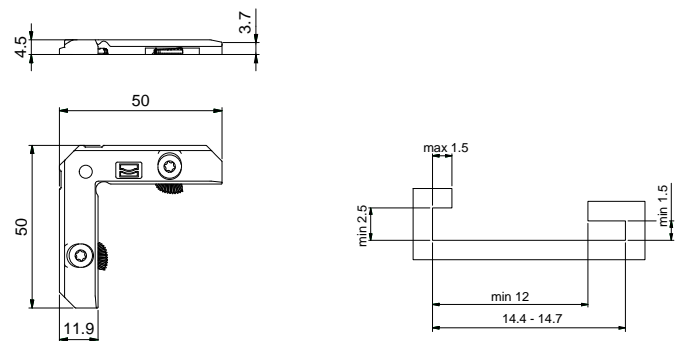
Categoria commerciale: 5G

1588



Squadretta di allineamento pressofusa con eccentrici
Die-cast, aligning corner joint with grip eccentrics
Équerre en aluminium pressé avec systèmes d'ancrage excentrique
Druckgussster Ausrichtungswinkel mit Exzenterscheibe

AKTIVA
PATENTED



1588 AKTIVA	4,5	11,9	250	2,80	0,746

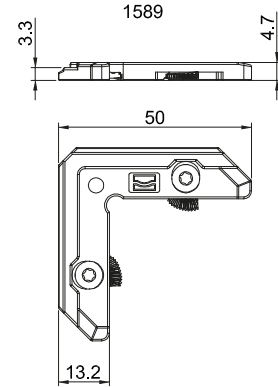
Categoria commerciale: 5G

1589



Squadretta di allineamento pressofusa con eccentrici
Die-cast aligning corner-joint with grip eccentrics
Équerre en aluminium pressé avec systèmes d'ancrage excentrique
Druckgegusster Ausrichtungswinkel mitExzenterscheibe

AKTIVA
PATENTED



1589 AKTIVA	4,7	13,2	250	2,75	0,704

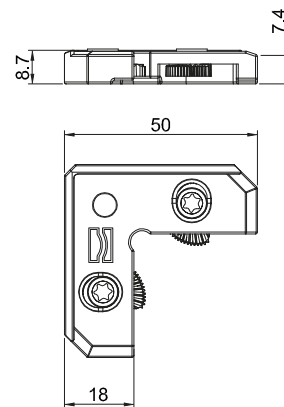
Categoria commerciale: 5G

1590



Squadretta di allineamento pressofusa con eccentrici
Die-cast aligning corner-joint with grip eccentrics
Équerre en aluminium pressé avec systèmes d'ancrage excentrique
Druckgegusster Ausrichtungswinkel mitExzenterscheibe

AKTIVA
PATENTED



1590 AKTIVA	8,7	18	250	7,0	1,049

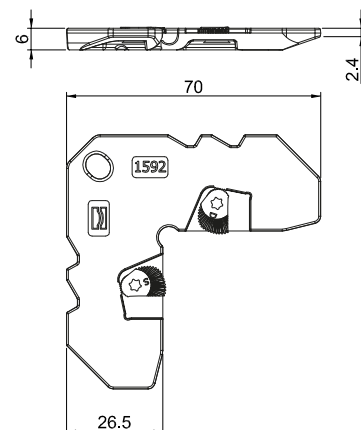
Categoria commerciale: 5G

1592



Squadretta di allineamento pressofusa con eccentrici
Die-cast aligning corner-joint with grip eccentrics
Équerre en aluminium pressé avec systèmes d'ancrage excentrique
Druckgegusster Ausrichtungswinkel mitExzenterscheibe

AKTIVA
PATENTED



1592 AKTIVA	6	26,5	250	7,5	1,194

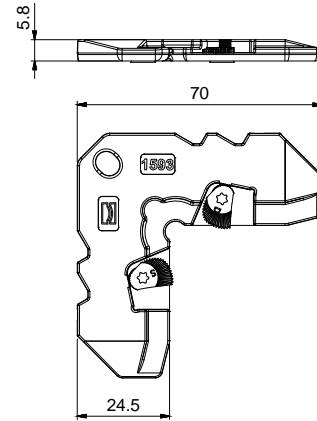
Categoria commerciale: 5G

1593



Squadretta di allineamento pressofusa con eccentrici
Die-cast aligning corner-joint with grip eccentrics
Équerre en aluminium pressé avec systèmes d'ancrage excentrique
Druckgussster Ausrichtungswinkel mitExzenterscheibe

AKTIVA
PATENTED



	L	H	W	D	€
1593 AKTIVA	5,8	24,5	250	7,0	0,672

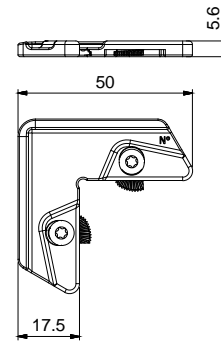
Categoria commerciale: 5G

1594



Squadretta di allineamento pressofusa con eccentrici
Die-cast aligning corner-joint with grip eccentrics
Équerre en aluminium pressé avec systèmes d'ancrage excentrique
Druckgussster Ausrichtungswinkel mitExzenterscheibe

AKTIVA
PATENTED



	L	H	W	D	€
1594 AKTIVA	5,6	17,5	250	4,0	0,630

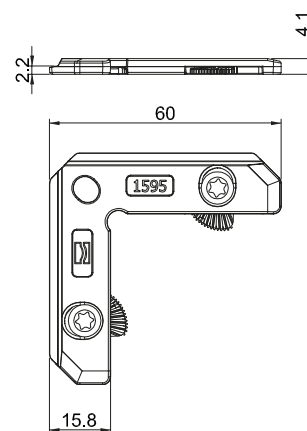
Categoria commerciale: 5G

1595



Squadretta di allineamento pressofusa con eccentrici
Die-cast aligning corner-joint with grip eccentrics
Équerre en aluminium pressé avec systèmes d'ancrage excentrique
Druckgussster Ausrichtungswinkel mitExzenterscheibe

AKTIVA
PATENTED



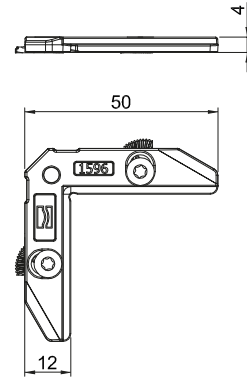
	L	H	W	D	€
1595 AKTIVA	4,1	15,8	250	3,0	0,540

Categoria commerciale: 5G

1596



Squadretta di allineamento pressofusa con eccentrici
 Die-cast aligning corner-joint with grip eccentrics
 Équerre en aluminium pressé avec systèmes d'ancrage excentrique
 Druckgegusster Ausrichtungswinkel mitExzenterscheibe

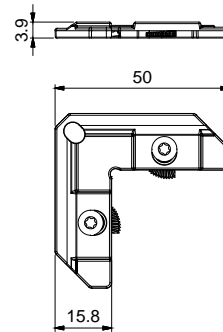


1596 AKTIVA	4	12	250	2,5	0,677
Categoria commerciale: 5G					

1597



Squadretta di allineamento pressofusa con eccentrici
 Die-cast aligning corner-joint with grip eccentrics
 Équerre en aluminium pressé avec systèmes d'ancrage excentrique
 Druckgegusster Ausrichtungswinkel mitExzenterscheibe

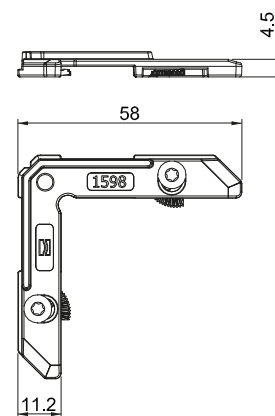


1597 AKTIVA	3,9	15,8	250	3,0	0,630
Categoria commerciale: 5G					

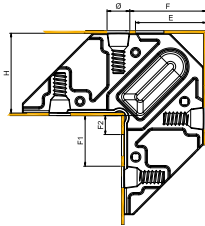
1598



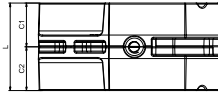
Squadretta di allineamento pressofusa con eccentrici
 Die-cast aligning corner-joint with grip eccentrics
 Équerre en aluminium pressé avec systèmes d'ancrage excentrique
 Druckgegusster Ausrichtungswinkel mitExzenterscheibe



1598 AKTIVA	4,5	11,2	250	2,5	0,677
Categoria commerciale: 5G					



Squadretta in alluminio ad espansione multifunzione
Multifunctional expanding aluminium corner-joints
équerres en aluminium à expansion multifonctionnel
Ausdehnung-Eckverbinder aus Aluminium, multifunktion



	L	H			€
1807	41,8	31,7	50	8,70	1,509
1808	41,2	21	50	8,70	1,339
1809	46	26,8	50	8,70	1,435
1811	26,8	31,4	50	8,70	1,154
1812	41	37,4	50	7,20	1,622
1813	40,4	40,9	50	7,20	1,848
1814	26,4	14,8	50	7,20	0,865
1815	28,5	14,5	150	21,60	0,880
1816	13,4	11,7	150	21,60	0,694
1817	39,8	12,6	50	7,20	0,983
1818	46,2	12,6	50	7,20	1,134
1819	55,2	12,6	50	7,20	1,323
1820	38,1	56,8	50	7,20	2,483
1821	39,8	42,8	50	7,20	1,964
1822	55,2	32,6	50	7,20	2,079
1823	55,2	22,4	50	7,20	1,665
1824	45,8	56,8	50	7,20	2,888
1825	38,7	42,8	50	7,20	1,848
1826	46,2	32,6	50	7,20	1,733
1827	42,4	22,4	50	7,20	1,496
1828	39,8	56,8	50	7,20	2,541
1829	19,8	14,9	50	7,20	0,783
1830	24,4	14,5	200	28,80	0,827
1831	24,4	26,4	150	21,60	1,229
1832	23	14,4	200	28,80	0,805
1833	29,1	14,6	150	21,60	1,263
1834	16,8	14,3	200	28,80	0,754
1835	17	35,8	100	14,40	1,134
1836	23,1	35,8	100	14,40	1,292
1837	26,4	35,8	100	14,40	1,481
1838	33,8	35,8	50	7,20	1,435
1839	19,5	14,5	200	28,80	0,788

Categoria commerciale: 5G

1711

Vite per squadrette
Screw for corner-joints
Vis pour équerres
Schraube für Eckverbinder



	L	Ø			€
1711	13,9	4,8	400	1,2	0,158

Categoria commerciale: 5G

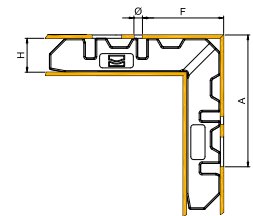
1712

Vite per squadrette
Screw for corner-joints
Vis pour équerres
Schraube für Eckverbinder



	L	Ø			€
1712	20,0	6,3	400	2,4	0,158

Categoria commerciale: 5G



Squadretta in alluminio a spinare e cianfrinare singola
Single aluminium pinning and crimping corner-joint
équerres en aluminium à goupiller et à sertir simples
Einfach-Eckverbinder aus Aluminium mit Stift und Verklammerung



	L	H			€
1620	4,9	11,9	250	3,00	0,500
1621	6,9	6,2	250	2,50	0,500
1622	4,3	14,0	250	3,00	0,500
1623	11,9	11,9	250	6,75	0,675
1624	11,9	8,4	250	6,75	0,777
1625	7,5	10,1	250	6,75	0,630
1626	4,3	10,1	250	6,75	0,499
1627	2,6	9,0	250	6,75	0,347
1628	8,9	12,1	250	6,75	0,798
1629	4,3	14,0	250	6,75	0,604
1630	5,1	17,4	250	6,75	0,756
1631	9,0	12,0	250	6,75	0,714
1632	9,7	28,7	200	5,40	0,752
1633	8,8	13,6	250	6,75	0,723
1634	6,2	15,2	250	6,75	0,588
1635	4,3	26,1	250	6,75	0,762
1636	4,3	39,1	250	6,75	0,882
1637	6,2	7,2	250	6,75	0,378
1638	5,3	10,7	250	6,75	0,580
1639	5,3	14,7	250	6,75	0,672
1640	5,3	24,7	200	5,00	0,612
1641	8,9	7,9	250	6,25	0,604
1642	5,0	7,0	250	6,25	0,404
1643	2,9	13,6	250	6,25	0,491
1644	7,5	14,8	250	6,25	0,882
1645	7,5	10,1	250	5,00	0,672
1646	15,4	32,6	250	6,25	1,956
1647	15,4	15,0	250	6,25	1,109
1648	6,9	6,2	250	6,25	0,525
1649	10,6	19,5	250	6,25	0,756

Categoria commerciale: 5G

1703

Spina per squadrette
Pin for corner-joints
Goupille pour équerres
Stift für Eckverbinder

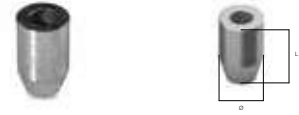


Icona	L	Ø	Sp	h	€
	9,5	3	400	1,60	0,204

Categoria commerciale: 5G

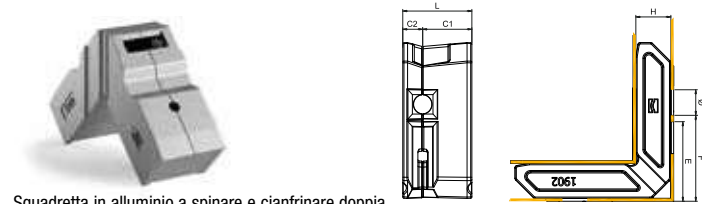
1704

Spina per squadrette
Pin for corner-joints
Goupille pour équerres
Stift für Eckverbinder



Icona	L	Ø	Sp	h	€
	13,0	8	400	1,00	0,200

Categoria commerciale: 5G



Squadretta in alluminio a spinare e cianfrinare doppia
Double aluminium pinning and crimping corner-joint
équerres en aluminium à goupiller et à sertir double
Doppel-Eckverbinder aus Aluminium mit Stift und Verklammerung

Icona	L	H	Sp	h	€
	28,8	14,6	200	16,00	1,097
	24,5	14,0	200	16,00	1,043
	23,8	27,5	100	8,00	1,448
	24,5	14,0	100	8,00	1,035
	24,3	32,0	100	8,00	1,483
	41	32,0	50	4,00	2,287
	29,2	39,0	50	4,00	1,819
	25,2	17,2	50	4,00	1,152
	47,6	38,8	50	4,00	2,754
	36,0	38,8	50	4,00	2,444
	41,4	10,0	100	9,60	1,199
	46,4	14,4	100	9,60	1,441
	19,0	38,7	100	9,60	1,551
	24,0	14,0	250	24,00	1,036

Categoria commerciale: 5G

1705

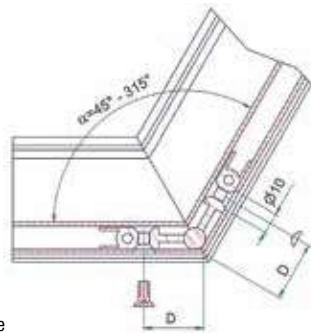
Spina per squadrette
Pin for corner-joints
Goupille pour équerres
Stift für Eckverbinder



Icona	L	Ø	Sp	h	€
	14,0	5	400	1,00	0,200

Categoria commerciale: 5G

1550

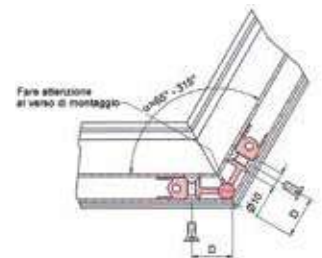


Squadretta in alluminio estruso ad angolo variabile
Aluminium extruded corner-joint with adjustable angle
Equerre en alu extrudé - angle variable
Eckverbinder aus Strangpressaluminium mit verstellbarem Winkel

Icona	L	H	D	Sp	h	€
	41	10,5	25+(7xB÷A)	50	3,20	4,005

Categoria commerciale: 5E

1551



Squadretta in alluminio estruso ad angolo variabile
Aluminium extruded corner-joint with adjustable angle
Equerre en alu extrudé - angle variable
Eckverbinder aus Strangpressaluminium mit verstellbarem Winkel

Icona	L	H	D	Sp	h	€
	28,4	14	25+(7xB÷A)	50	2,70	3,735

Categoria commerciale: 5E

1552

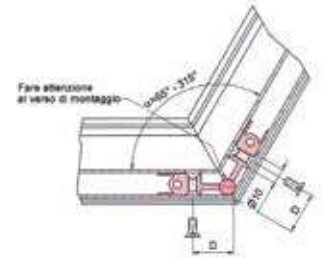


Squadretta in alluminio estruso ad angolo variabile
Aluminium extruded corner-joint with adjustable angle
Equerre en alu extrudé - angle variable
Eckverbinder aus Strangpressaluminium mit verstellbarem Winkel

Icona	L	H	D	Sp	A	€
1552	33,5	35,8	25+(7xB÷A)	20	1,80	9,769

Categoria commerciale: 5E

1553

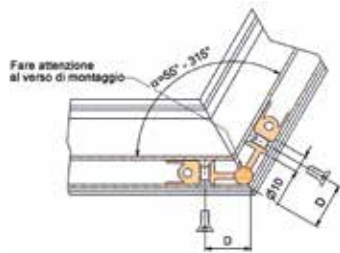


Squadretta in alluminio estruso ad angolo variabile
Aluminium extruded corner-joint with adjustable angle
Equerre en alu extrudé - angle variable
Eckverbinder aus Strangpressaluminium mit verstellbarem Winkel

Icona	L	H	D	Sp	A	€
1553	36	14	25+(7xB÷A)	50	3,50	5,262

Categoria commerciale: 5E

1554

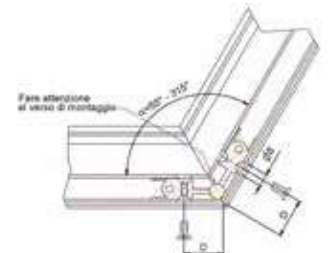


Squadretta in alluminio estruso ad angolo variabile
Aluminium extruded corner-joint with adjustable angle
Equerre en alu extrudé - angle variable
Eckverbinder aus Strangpressaluminium mit verstellbarem Winkel

Icona	L	H	D	Sp	A	€
1554	23,2	14	25+(7xB÷A)	50	2,00	3,810

Categoria commerciale: 5E

1555

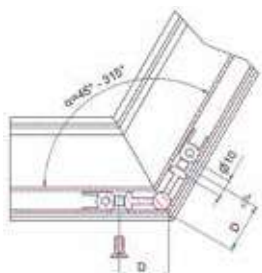


Squadretta in alluminio estruso ad angolo variabile
Aluminium extruded corner-joint with adjustable angle
Equerre en alu extrudé - angle variable
Eckverbinder aus Strangpressaluminium mit verstellbarem Winkel

Icona	L	H	D	Sp	A	€
1555	24	14	25+(7xB÷A)	50	2,40	3,917

Categoria commerciale: 5E

1556



Squadretta in alluminio estruso ad angolo variabile
Aluminium extruded corner-joint with adjustable angle
Equerre en alu extrudé - angle variable
Eckverbinder aus Strangpressaluminium mit verstellbarem Winkel

Icona	L	H	D	Sp	A	€
1556	36	10,4	25+(7xB÷A)	50	2,9	4,478

Categoria commerciale: 5E

1557

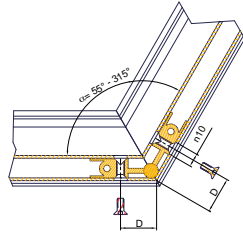


Squadretta in alluminio estruso ad angolo variabile
Aluminium extruded corner-joint with adjustable angle
Equerre en alu extrudé - angle variable
Eckverbinder aus Strangpressaluminium mit verstellbarem Winkel

Icona	L	H	D	Sp	A	€
1557	28,4	34,5	25+(7xB÷A)	20	1,50	8,792

Categoria commerciale: 5E

1558

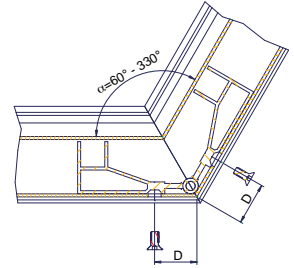


Squadretta in alluminio estruso ad angolo variabile
Aluminium extruded corner-joint with adjustable angle
Equerre en alu extrudé - angle variable
Eckverbinder aus Strangpressaluminium mit verstellbarem Winkel

Icona	L	H	D	Icona	Icona	Icona
1558	28,4	14	25+(7xB÷A)	50	2,95	4,198

Categoria commerciale: 5E

1559

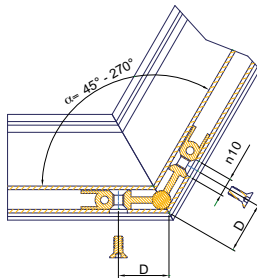


Squadretta in alluminio estruso ad angolo variabile
Aluminium extruded corner-joint with adjustable angle
Equerre en alu extrudé - angle variable
Eckverbinder aus Strangpressaluminium mit verstellbarem Winkel

Icona	L	H	D	Icona	Icona	Icona
1559	22,8	35,5	25+(7xB÷A)	20	1,34	7,659

Categoria commerciale: 5E

1560

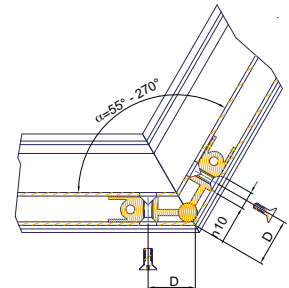


Squadretta in alluminio estruso ad angolo variabile
Aluminium extruded corner-joint with adjustable angle
Equerre en alu extrudé - angle variable
Eckverbinder aus Strangpressaluminium mit verstellbarem Winkel

Icona	L	H	D	Icona	Icona	Icona
1560	32	10,4	25+(7xB÷A)	50	3,10	3,217

Categoria commerciale: 5E

1561

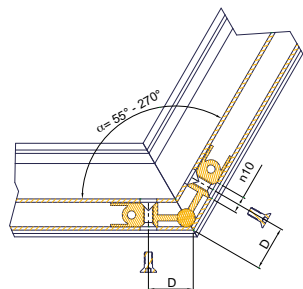


Squadretta in alluminio estruso ad angolo variabile
Aluminium extruded corner-joint with adjustable angle
Equerre en alu extrudé - angle variable
Eckverbinder aus Strangpressaluminium mit verstellbarem Winkel

Icona	L	H	D	Icona	Icona	Icona
1561	32,8	14	25+(7xB÷A)	50	2,90	4,093

Categoria commerciale: 5E

1562

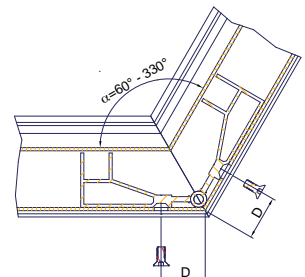


Squadretta in alluminio estruso ad angolo variabile
Aluminium extruded corner-joint with adjustable angle
Equerre en alu extrudé - angle variable
Eckverbinder aus Strangpressaluminium mit verstellbarem Winkel

Icona	L	H	D	Icona	Icona	Icona
1562	45,5	14	25+(7xB÷A)	50	3,20	4,222

Categoria commerciale: 5E

1563

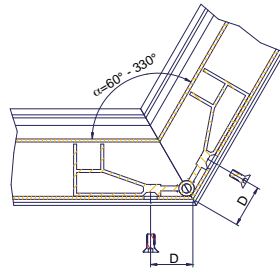


Squadretta in alluminio estruso ad angolo variabile
Aluminium extruded corner-joint with adjustable angle
Equerre en alu extrudé - angle variable
Eckverbinder aus Strangpressaluminium mit verstellbarem Winkel

Icona	L	H	D	Icona	Icona	Icona
1563	40	26	25+(7xB÷A)	20	1,74	9,189

Categoria commerciale: 5E

1564

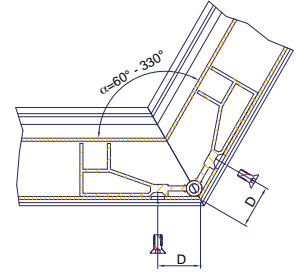


Squadretta in alluminio estruso ad angolo variabile
Aluminium extruded corner-joint with adjustable angle
Équerre en alu extrudé - angle variable
Eckverbinder aus Strangpressaluminium mit verstellbarem Winkel

Code	L	H	D	Sp	A	€
1564	27	31,5	25+(7xB÷A)	20	1,58	8,490

Categoria commerciale: 5E

1565

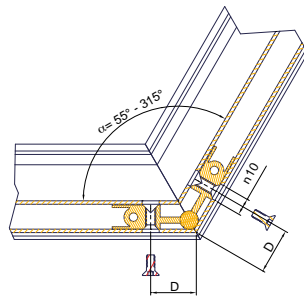


Squadretta in alluminio estruso ad angolo variabile
Aluminium extruded corner-joint with adjustable angle
Équerre en alu extrudé - angle variable
Eckverbinder aus Strangpressaluminium mit verstellbarem Winkel

Code	L	H	D	Sp	A	€
1565	20,4	34,8	25+(7xB÷A)	20	1,22	8,490

Categoria commerciale: 5E

1566

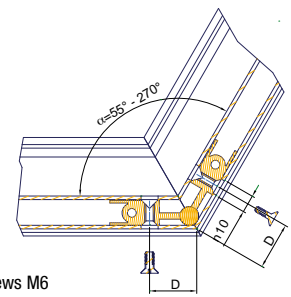


Squadretta in alluminio estruso ad angolo variabile
Aluminium extruded corner-joint with adjustable angle
Équerre en alu extrudé - angle variable
Eckverbinder aus Strangpressaluminium mit verstellbarem Winkel

Code	L	H	D	Sp	A	€
1566	21,5	10,5	25+(7xB÷A)	50	2,00	3,983

Categoria commerciale: 5E

1567

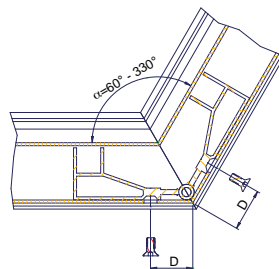


Squadretta in alluminio ad angolo variabile con viti M6
Aluminium corner-joint with adjustable angle with screws M6
Équerre aluminium - angle variable avec des vis M6
Eckverbinder aus Aluminium mit verstellbarem Winkel mit Schrauben

Code	L	H	D	Sp	A	€
1567	21,8	14	25+(7xB÷A)	50	2,00	3,809

Categoria commerciale: 5E

1568

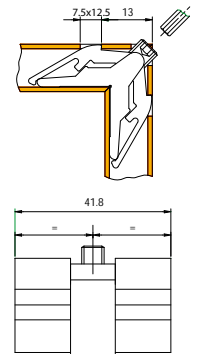


Squadretta in alluminio ad angolo variabile con viti M6
Aluminium corner-joint with adjustable angle with screws M6
Équerre aluminium - angle variable avec des vis M6
Eckverbinder aus Aluminium mit verstellbarem Winkel mit Schrauben

Code	L	H	D	Sp	A	€
1568	21,8	35,8	25+(7xB÷A)	20	1,30	8,459

Categoria commerciale: 5E

1500-R40

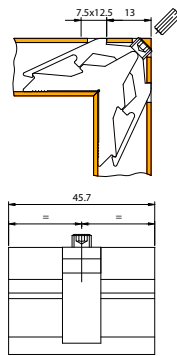


Squadretta in alluminio estruso
Extruded aluminium corner-joint
Équerre en aluminium extrudé
Eckverbinder aus Strangpressaluminium

Code	L	H	F	Sp	A	€
1500-R40	41,8	10	13	200	6,20	1,268

Categoria commerciale: 5E

1501-R50

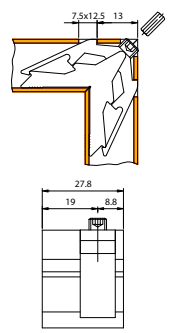


Squadretta in alluminio estruso
Extruded aluminium corner-joint
Equerre en aluminium extrudé
Eckverbinder aus Strangpressaluminium

1501-R50	45,7	14,4	13	100	1,559

Categoria commerciale: 5E

1502-R50 T.T.

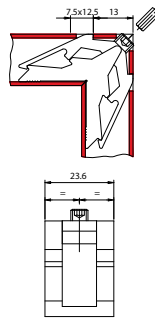


Squadretta in alluminio estruso
Extruded aluminium corner-joint
Equerre en aluminium extrudé
Eckverbinder aus Strangpressaluminium

1502-R50 T.T.	27,8	14	13	200	1,238

Categoria commerciale: 5E

1503-R50 T.T.

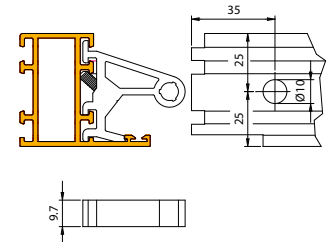


Squadretta in alluminio estruso
Extruded aluminium corner-joint
Equerre en aluminium extrudé
Eckverbinder aus Strangpressaluminium

1503-R50 T.T.	23,6	14,2	13	100	1,428

Categoria commerciale: 5E

1201-R40

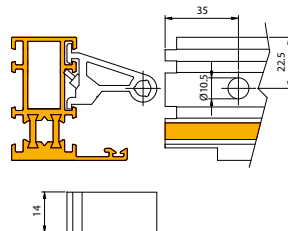


Cavallotto in alluminio estruso
Aluminium fixing-joint
Jonction en aluminium
T-Verbinder aus Strangpressaluminium

1201-R40	9,7	200	1,615

Categoria commerciale: 5E

1202-R50 T.T.

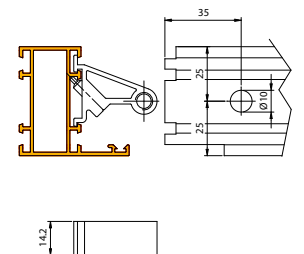


Cavallotto in alluminio estruso
Aluminium fixing-joint
Jonction en aluminium
T-Verbinder aus Strangpressaluminium

1202-R50 TT	14	200	1,668

Categoria commerciale: 5E

1203-R50

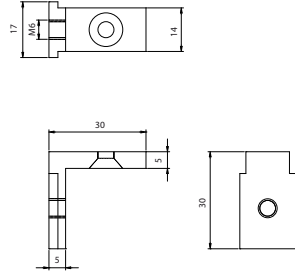


Cavallotto in alluminio estruso
Aluminium fixing-joint
Jonction en aluminium
T-Verbinder aus Strangpressaluminium

1203-R50	14,2	200	2,486

Categoria commerciale: 5E

1204

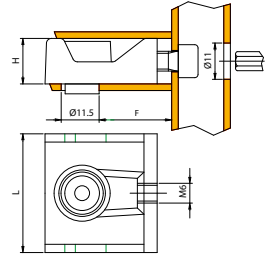


Cavallotto in alluminio
Aluminium fixing-joint
Jonction en aluminium
T-Verbinder aus Aluminium

Icona	L	H	F	Icona	€
1204	17	5	100	1,10	1,196

Categoria commerciale: 5E

1215



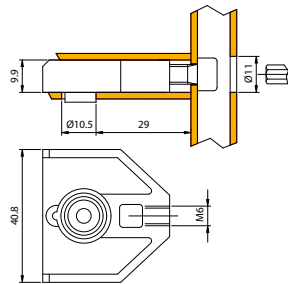
Cavallotto in alluminio pressofuso
Aluminium fixing-joint
Jonction en aluminium
T-Verbinder aus Aluminium

Icona	L	H	F	Icona	€	
1215-40X18	35,9	13,8	22	250	5,50	0,526
1215-40X20 GR9	36	14,9	22	250	6,25	0,545
1215-45X20	40	15,9	25	250	11,75	0,900
1215-50X20	45	15,9	25	250	13,00	0,947
1215-50X25	45	20,8	30	250	12,75	1,109

SU RICHIESTA
ON REQUEST

Categoria commerciale: 5G

1220

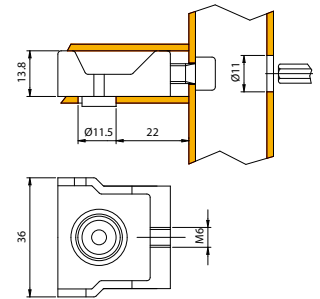


Cavallotto in alluminio pressofuso
Aluminium fixing-joint
Jonction en aluminium
T-Verbinder aus Aluminium

Icona	L	H	F	Icona	€
1220	40,8	9,9	250	5,50	0,526

Categoria commerciale: 5G

1221

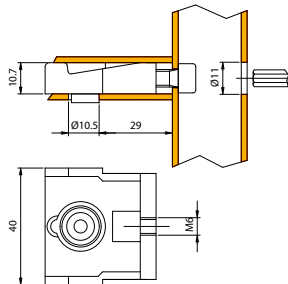


Cavallotto in alluminio pressofuso
Aluminium fixing-joint
Jonction en aluminium
T-Verbinder aus Aluminium

Icona	L	H	F	Icona	€
1221	36	13,8	250	5,75	0,526

Categoria commerciale: 5G

1225

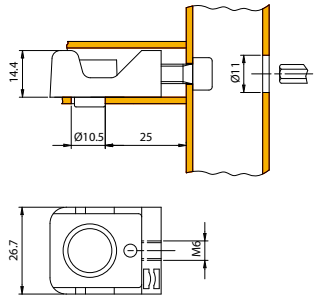


Cavallotto in alluminio pressofuso
Aluminium fixing-joint
Jonction en aluminium
T-Verbinder aus Aluminium

Icona	L	H	F	Icona	€
1225	40	10,7	250	5,75	0,643

Categoria commerciale: 5G

1227



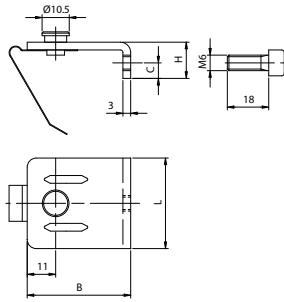
Cavallotto in alluminio pressofuso
Aluminium fixing-joint
Jonction en aluminium
T-Verbinder aus Aluminium

Icona	L	H	F	Icona	€
1227	26,7	14,4	250	5,00	0,557

Categoria commerciale: 5G

SU RICHIESTA | ON REQUEST

1231-36

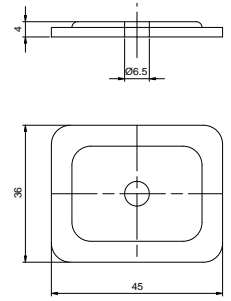


Giunzione a molla in acciaio zincato
Galvanized fixing-joint with spring
Jonction à ressort en acier zingué
T-Verbinder aus Stahl, verzinkt

1231-36	zinc	35	14	100	5,20	0,821

Categoria commerciale: 5C

1232

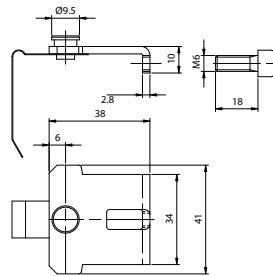


Placchetta in acciaio zincato
Plate for fixing joints
Platine pour jonction
Plättchen für T-Verbinder aus Stahl, verzinkt

1232 PLACCHETTA	zinc	45	4	200	6,00	0,277

Categoria commerciale: 5C

1233

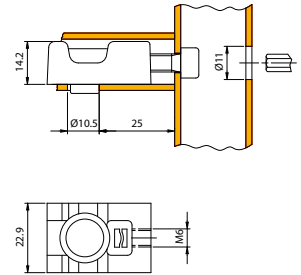


Giunzione a molla in acciaio zincato
Galvanized fixing-joint with spring
Jonction à ressort en acier zingué
T-Verbinder aus Stahl, verzinkt

1233	zinc	41	10	100	4,30	0,756

Categoria commerciale: 5C

1235

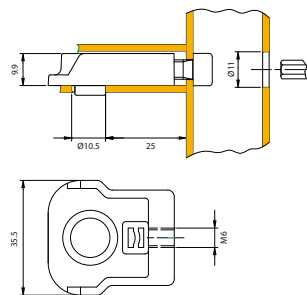


Cavallotto in alluminio pressofuso
Aluminium fixing-joint
Jonction en aluminium
T-Verbinder aus Aluminium

1235	zinc	22,9	14,2	25	250	5,50	0,557

Categoria commerciale: 5G

1264



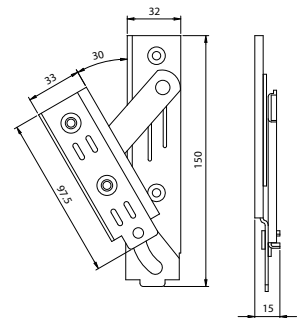
Cavallotto in alluminio pressofuso
Aluminium fixing-joint
Jonction en aluminium
T-Verbinder aus Aluminium

1264	zinc	35,5	9,9	25	250	5,50	0,526

Categoria commerciale: 5A

SU RICHIESTA | ON REQUEST

1245

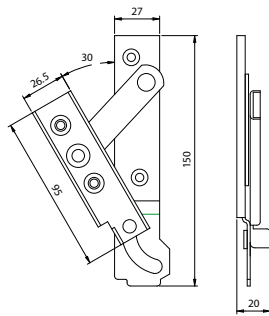


Coppia cerniera per Vasistas
Pair of hinges for transom windows
Couple de charnières pour fenêtre à vasistas
Scharniere für Klappfenster

1245	zinc	32	15	10	3,07	4,032

Categoria commerciale: 5A

1250

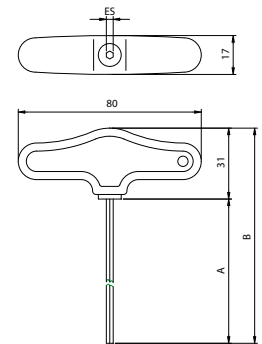


Coppia cerniera per Vasistas
Pair of hinges for transom windows
Couple de charnières pour fenêtre à vasistas
Scharniere für Klappfenster

1250	zinc	27	20	10	2,84	4,524

Categoria commerciale: 5A

1255



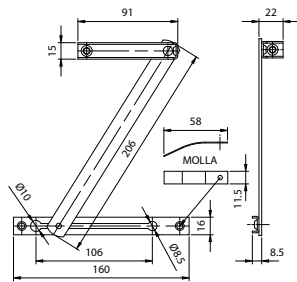
Chiave esagonale per squadrette
Hexagonal key
Clé hexagonale pour equerre
Sechseckiger Schlüssel für Eckverbinder

1255-MM.3	3	95	126	50	1,70	5,148
1255-MM.4	4	148	179	50	2,10	5,258
1255-MM.5	5	148	179	50	2,90	5,595

Categoria commerciale: 5H

SU RICHIESTA | ON REQUEST

1270i INOX

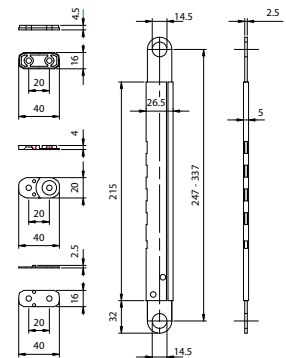


Ferma finestre in acciaio
Steel window-stop
Entrebaillieur en acier
Fensterklammer aus Stahl

1270i	inox	50	7,00	4,032

Categoria commerciale: 5A

1275

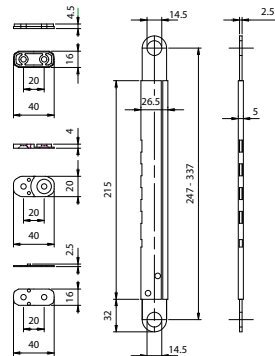


Coppia bracci telescopici per sporgere
Pair of arms for protruding windows
Couple de bras pour fenêtre en saillie
Teleskop-Ausleger

1275	zinc	20	8,90	10,936

Categoria commerciale: 5A

1275i INOX

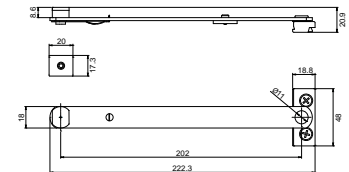


Coppia bracci telescopici per sporgere
Pair of arms for protruding windows
Couple de bras pour fenêtre en saillie
Teleskop-Ausleger

1275i	inox	20	8,90	19,906

Categoria commerciale: 5A

1276i



Coppia bracci limitatori per Vasistas universali
Pairs of arms for all-purpose transom window
Couple de bras pour vasistas universels
Ausleger für Klappfenster










1276i	inox	20	8,90	9,954

Categoria commerciale: 5A

Life made easy

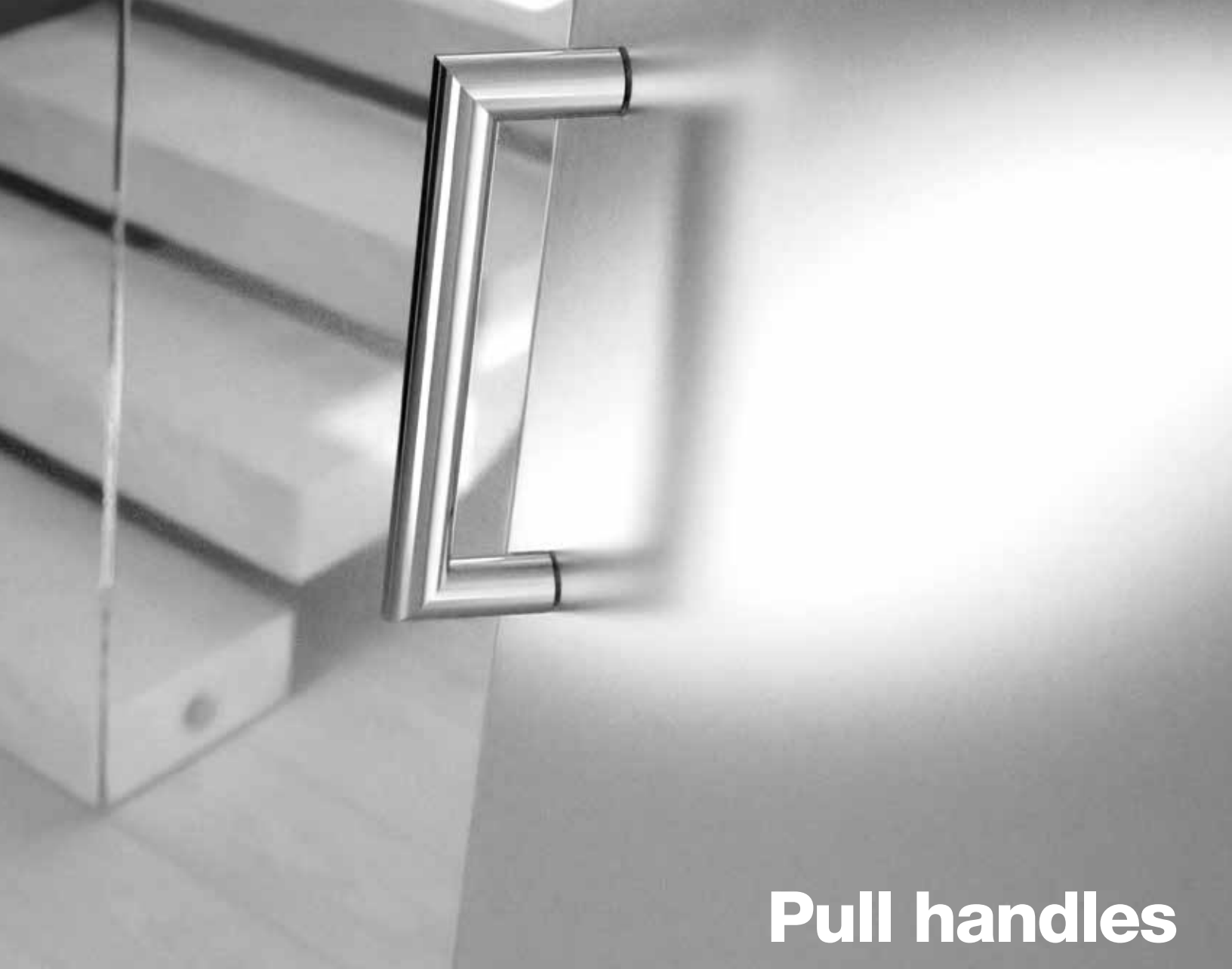
COMUNELLO FRAME DIVISION

LEGENDA

	Articolo / Article
	Diametro maniglione / Pull handle diameter
	Misura maniglione quadrato / Square handle size
	Materiale / Material
	Materiale maniglione / Pull handle material
	Finitura / Finishing
	Pezzi per confezione / Pieces per pack
	Peso confezione / Weight of pack
	Prezzo / Price

Finitura acciaio Inox *Finishing stainless steel*

009	Lucida / Polished - 24H
010	Satinata / Satin - 24H
015	PVD oro lucido / Polished gold PVD - 24H
105	PVD oro satinato / Satin gold <i>Su richiesta / On request</i>
110	PVD nickel lucido / Polished nickel PVD <i>Su richiesta / On request</i>
115	PVD nickel satinato / Satin nickel PVD <i>Su richiesta / On request</i>
120	PVD bronzo lucido / Polished bronze <i>Su richiesta / On request</i>
125	PVD bronzo satinato / Satin bronze <i>Su richiesta / On request</i>
130	PVD antracite lucido / Polished anthracite metal PVD <i>Su richiesta / On request</i>
135	PVD antracite satinato / Satin anthracite metal PVD <i>Su richiesta / On request</i>



Pull handles



Finitura alluminio

Finishing aluminium

604	Anodizzato satinato argento / <i>Anodized satined silver</i> - 24H
503	Nero RAL / <i>Black</i> - 24H
607	Anodizzato argento brillantato / <i>Anodized silver</i> Su richiesta / <i>On request</i>
602	Anodizzato oro / <i>Anodized gold</i> Su richiesta / <i>On request</i>
603	Anodizzato bronzo / <i>Anodized bronze</i> Su richiesta / <i>On request</i>
9010	Bianco RAL / <i>White</i> Su richiesta / <i>On request</i>
3003	Rosso RAL / <i>Red</i> Su richiesta / <i>On request</i>
3007	Rosso RAL / <i>Red</i> Su richiesta / <i>On request</i>
8022	Marrone RAL / <i>Brown</i> Su richiesta / <i>On request</i>
5002	Azzurro RAL / <i>Blue</i> Su richiesta / <i>On request</i>
7035	Grigio RAL / <i>Gray</i> Su richiesta / <i>On request</i>
7016	Grigio antracite RAL / <i>Anthracite gray</i> Su richiesta / <i>On request</i>
6029	Verde RAL / <i>Green</i> Su richiesta / <i>On request</i>
5011	Giallo RAL / <i>Yellow</i> Su richiesta / <i>On request</i>

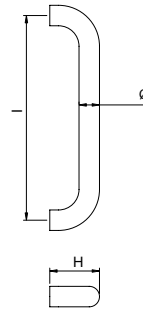
Finitura nylon

Finishing nylon

9010	Bianco RAL / <i>White</i> - 24H
9005	Nero RAL / <i>Black</i> - 24H



Ambidestro
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ambidextre
beidhändig



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2000 AL

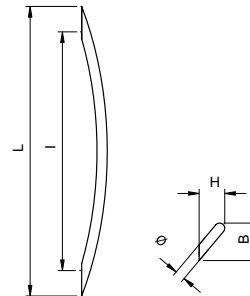
CODICI 24 ORE			Ø	I	H	€		
2-0722-604	alluminio	argento satinato	20	200	60	31,275	2	0,4
2-0744-604	alluminio	argento satinato	25	300	70	34,837	2	0,7
2-0762-604	alluminio	argento satinato	30	230	85	39,723	2	0,7
2-0764-604	alluminio	argento satinato	30	300	85	41,738	2	0,9
2-0765-503	alluminio	nero	30	320	85	27,825	2	0,9
2-0766-604	alluminio	argento satinato	30	350	85	43,630	2	1,0
2-0782-503	alluminio	nero	35	350	85	31,053	2	1,2
2-0786-604	alluminio	argento satinato	35	650	85	55,873	2	1,9
2-0786-503	alluminio	nero	35	650	85	36,284	2	1,9

Categoria commerciale: 4E

SPECIALI			Ø	I	H	€
SP-2000-Ø-I	Alluminio	Verniciato	su richiesta	su richiesta	su richiesta	
SP-2000-Ø-I	Alluminio	Anodizzato	su richiesta	su richiesta	su richiesta	



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beidhändig



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2100 AL

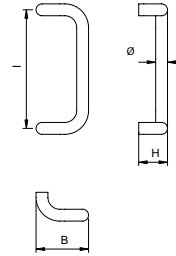
CODICI 24 ORE			Ø	I	H	B	€		
2-1763-604	alluminio	argento satinato	30	350	75	110	76,241	2	1,2
2-1767-604	alluminio	argento satinato	30	700	75	110	99,057	2	1,9

Categoria commerciale: 4E

2200 AL



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ambidextre
beidhändig



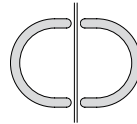
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CODICI 24 ORE			Ø	I	H	B	€		
2-2762-503	alluminio	nero	30	230	85	145	31,275	2	0,9
2-2762-604	alluminio	argento satinato	30	230	85	145	51,198	2	0,9
2-2764-604	alluminio	argento satinato	30	300	85	145	56,540	2	1,1
2-2764-503	alluminio	nero	30	300	85	145	35,282	2	1,1
2-2766-604	alluminio	argento satinato	30	350	85	145	57,542	2	1,2
2-2766-503	alluminio	nero	30	350	85	145	36,061	2	1,2
2-2782-604	alluminio	argento satinato	35	350	85	155	62,773	2	1,5
2-2782-503	alluminio	nero	35	350	85	155	39,289	2	1,5

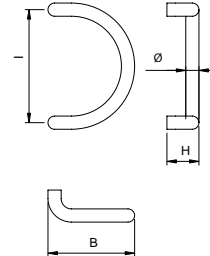
Categoria commerciale: 4E

SPECIALI			Ø	I	H	B	€		
SP-2200-Ø-I	Alluminio	Verniciato	su richiesta	su richiesta	su richiesta	su richiesta			
SP-2200-Ø-I	Alluminio	Anodizzato	su richiesta	su richiesta	su richiesta	su richiesta			

2600 AL



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ambidextre
beidhändig

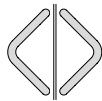


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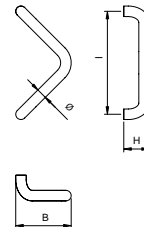
CODICI 24 ORE			Ø	I	H	B	€		
2-6765-604	alluminio	argento satinato	30	300	85	225	52,979	2	1,2
2-6767-503	alluminio	nero	30	350	85	245	33,613	2	1,3
2-6783-604	alluminio	argento satinato	35	300	85	230	55,873	2	1,5
2-6783-503	alluminio	nero	35	300	85	230	35,282	2	1,5
2-6785-604	alluminio	argento satinato	35	350	85	260	58,989	2	1,7
2-6785-503	alluminio	nero	35	350	85	260	36,840	2	1,7

Categoria commerciale: 4E

2700 AL



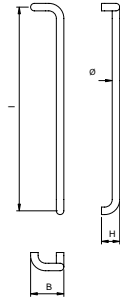
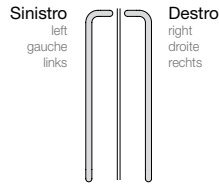
Ambidestro
ambidextrous
ambidextre
beidhändig



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CODICI 24 ORE			Ø	I	H	B	€		
2-7763-604	alluminio	argento satinato	30	300	85	159	41,849	2	1,0
2-7763-503	alluminio	nero	30	300	85	159	30,830	2	1,0
2-7765-604	alluminio	argento satinato	30	350	85	184	42,739	2	1,1
2-7765-503	alluminio	nero	30	350	85	184	31,721	2	1,1
2-7788-604	alluminio	argento satinato	35	425	85	226	48,193	2	1,6
2-7788-503	alluminio	nero	35	425	85	188	36,618	2	1,6

Categoria commerciale: 4E



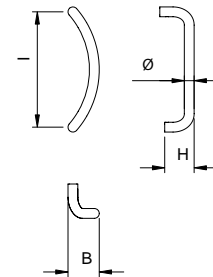
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CODICI 24 ORE			Ø	I	H	B	€		
2-8786-604 DX	alluminio	argento satinato	35	1200	85	155	108,295	1DX	1,7
2-8786-604 SX	alluminio	argento satinato	35	1200	85	155	108,295	1SX	1,7
2-8786-503 DX	alluminio	nero	35	1200	85	155	54,426	1DX	1,7
2-8786-503 SX	alluminio	nero	35	1200	85	155	54,426	1SX	1,7

Categoria commerciale: 4E

SPECIALI			Ø	I	H	B	€		
SP-2800-Ø-I	Alluminio	Verniciato	su richiesta	su richiesta	su richiesta	su richiesta			
SP-2800-Ø-I	Alluminio	Anodizzato	su richiesta	su richiesta	su richiesta	su richiesta			

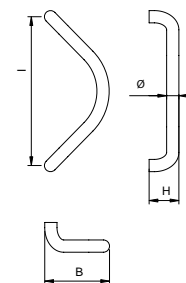
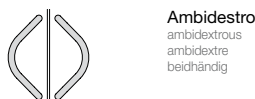


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2900 AL

CODICI 24 ORE			Ø	I	H	B	€		
2-9765-604	alluminio	argento satinato	30	350	85	98	41,960	2	1,0
2-9768-604	alluminio	argento satinato	30	500	85	98	44,854	2	1,3
2-9788-604	alluminio	argento satinato	35	500	85	98	46,635	2	1,6

Categoria commerciale: 4E



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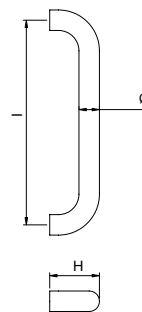
2902 AL

CODICI 24 ORE			Ø	I	H	B	€		
2-9862-604	alluminio	argento satinato	30	300	85	180	44,520	2	1,0
2-9883-604	alluminio	argento satinato	35	350	85	185	49,640	2	1,4
2-9883-503	alluminio	nero	35	350	85	185	39,178	2	1,4

Categoria commerciale: 4E



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2000 INOX

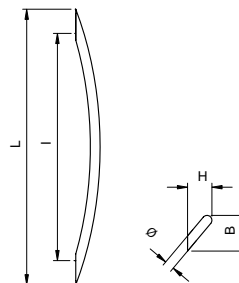
CODICI 24 ORE			Ø	L	H	€		
2-0122-010	inox/st-steel	satinato	20	200	60	40,068	2	0,7
2-0125-010	inox/st-steel	satinato	20	350	60	44,409	2	1,1
2-0144-009	inox/st-steel	lucido	25	300	70	57,653	2	1,2
2-0164-009	inox/st-steel	lucido	30	300	85	54,537	2	1,2
2-0164-010	inox/st-steel	satinato	30	300	85	51,977	2	1,2
2-0166-010	inox/st-steel	satinato	30	350	85	58,099	2	1,4
2-0182-010	inox/st-steel	satinato	35	350	85	57,765	2	1,6
2-0182-015	inox/st-steel	pvd	35	350	85	145,580	2	1,6
2-0186-010	inox/st-steel	satinato	35	650	85	79,357	2	2,5

Categoria commerciale: 4D

SPECIALI			Ø	L	H	€
SP-2000-Ø-I	Inox	Lucido	su richiesta	su richiesta	su richiesta	
SP-2000-Ø-I	Inox	Satinato	su richiesta	su richiesta	su richiesta	
SP-2000-Ø-I	Inox	PVD	su richiesta	su richiesta	su richiesta	



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2100 INOX

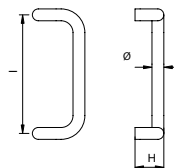
CODICI 24 ORE			Ø	L	L	H	B	€		
2-1147-010	inox/st-steel	satinato	25	700	849	75	106	113,971	2	2,9
2-1163-010	inox/st-steel	satinato	30	350	412	75	110	91,155	2	2,3
2-1163-015	inox/st-steel	pvd	30	350	412	75	110	242,857	2	2,3
2-1165-010	inox/st-steel	satinato	30	500	602	75	110	100,504	2	2,6
2-1165-015	inox/st-steel	pvd	30	500	602	75	110	252,206	2	2,6
2-1167-009	inox/st-steel	lucido	30	700	849	75	110	116,531	2	3,5
2-1167-010	inox/st-steel	satinato	30	700	849	75	110	113,971	2	3,5

Categoria commerciale: 4D

2200 INOX



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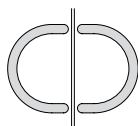
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CODICI 24 ORE			Ø	I	H	B	€		
2-2141-015	inox/st-steel	pvd	25	200	70	126	157,490	2	1,3
2-2146-010	inox/st-steel	satinato	25	350	70	126	78,578	2	1,7
2-2164-009	inox/st-steel	lucido	30	300	85	145	70,119	2	1,6
2-2164-010	inox/st-steel	satinato	30	300	85	145	67,559	2	1,6
2-2166-010	inox/st-steel	satinato	30	350	85	145	69,896	2	1,8
2-2182-010	inox/st-steel	satinato	35	350	85	145	77,687	2	2,0
2-2182-015	inox/st-steel	pvd	35	350	85	145	247,643	2	2,0
2-2186-010	inox/st-steel	satinato	35	650	85	145	90,487	2	3,0

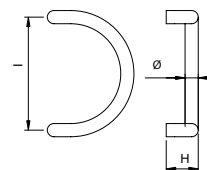
Categoria commerciale: 4D

SPECIALI			Ø	I	H	B	€
SP-2200-Ø-I	Inox	Lucido	su richiesta	su richiesta	su richiesta	su richiesta	
SP-2200-Ø-I	Inox	Satinato	su richiesta	su richiesta	su richiesta	su richiesta	
SP-2200-Ø-I	Inox	PVD	su richiesta	su richiesta	su richiesta	su richiesta	

2600 INOX



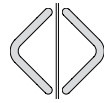
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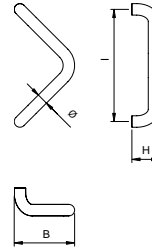
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CODICI 24 ORE			Ø	I	H	B	€		
2-6165-010	inox/st-steel	satinato	30	300	85	225	71,789	2	1,8
2-6165-015	inox/st-steel	pvd	30	300	85	225	148,919	2	1,8
2-6167-010	inox/st-steel	satinato	30	350	85	245	76,463	2	2,0
2-6183-010	inox/st-steel	satinato	35	300	85	230	74,682	2	2,0
2-6185-010	inox/st-steel	satinato	35	350	85	260	80,581	2	2,3
2-6185-015	inox/st-steel	pvd	35	350	85	260	232,283	2	2,3

Categoria commerciale: 4D



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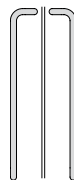
2700 INOX

CODICI 24 ORE			Ø	I	H	B	€		
2-7163-010	inox/st-steel	satinato	30	300	85	159	65,778	2	1,4
2-7165-010	inox/st-steel	satinato	30	350	85	184	68,450	2	1,6
2-7185-010	inox/st-steel	satinato	35	350	85	188	73,903	2	1,9
2-7188-010	inox/st-steel	satinato	35	425	85	226	78,021	2	2,2

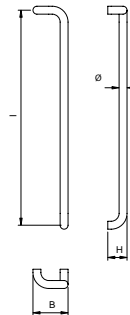
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Sinistro
left
gauche
links



Destro
right
droite
rechts



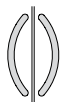
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2800 INOX

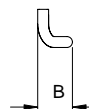
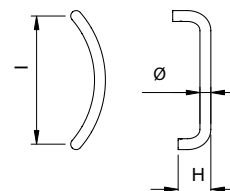
CODICI 24 ORE			Ø	I	H	B	€		
2-8166-010 DX	inox/st-steel	satinato	30	1200	85	145	116,420	1DX	2,0
2-8166-010 SX	inox/st-steel	satinato	30	1200	85	145	116,420	1SX	2,0
2-8186-010 DX	inox/st-steel	satinato	35	1200	85	155	121,762	1DX	2,3
2-8186-010 SX	inox/st-steel	satinato	35	1200	85	155	121,762	1SX	2,3

Categoria commerciale: 4D

SPECIALI			Ø	I	H	B	€
SP-2800-Ø-I	Inox	Lucido	su richiesta	su richiesta	su richiesta	su richiesta	
SP-2800-Ø-I	Inox	Satinato	su richiesta	su richiesta	su richiesta	su richiesta	
SP-2800-Ø-I	Inox	PVD	su richiesta	su richiesta	su richiesta	su richiesta	



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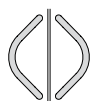


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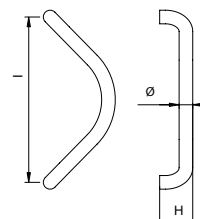
2900 INOX

CODICI 24 ORE			Ø	I	H	B	€		
2-9165-010	inox/st-steel	satinato	30	350	85	98	58,433	2	1,5
2-9185-010	inox/st-steel	satinato	35	350	85	103	67,337	2	1,6

Categoria commerciale: 4D



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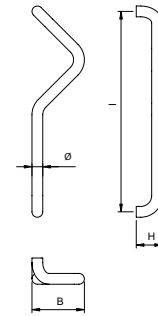
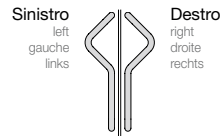


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2902 INOX

CODICI 24 ORE			Ø	I	H	B	€		
2-9262-010	inox/st-steel	satinato	30	300	85	180	65,444	2	1,6
2-9265-010	inox/st-steel	satinato	30	425	85	180	69,785	2	1,8
2-9283-009	inox/st-steel	lucido	35	350	85	185	78,133	2	1,9
2-9283-010	inox/st-steel	satinato	35	350	85	185	75,573	2	1,9
2-9283-015	inox/st-steel	pvd	35	350	85	185	257,610	2	1,9

Categoria commerciale: 4D



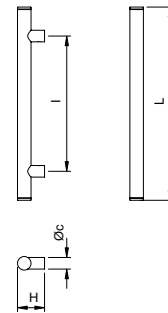
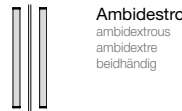
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3000 INOX

CODICI 24 ORE			Ø	I	H	B	€		
3-0166-010 DX	inox/st-steel	satinato	30	650	85	165	82,251	1	1,2
3-0166-010 SX	inox/st-steel	satinato	30	650	85	170	82,251	1	1,2

Categoria commerciale: 4D

SPECIALI			Ø	I	H	B	€
SP-3000-Ø-I	Inox	Lucido	su richiesta	su richiesta	su richiesta	su richiesta	
SP-3000-Ø-I	Inox	Satinato	su richiesta	su richiesta	su richiesta	su richiesta	
SP-3000-Ø-I	Inox	PVD	su richiesta	su richiesta	su richiesta	su richiesta	



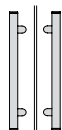
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4000 INOX

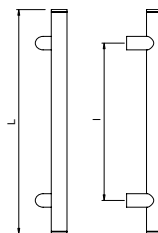
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4-0042-009	inox/st-steel	lucido	25	300	450	70	25	86,258	1	1,7
4-0042-010	inox/st-steel	satinato	25	300	450	70	25	85,812	2	1,7
4-0064-010	inox/st-steel	satinato	30	350	500	75	25	93,047	2	2,2
4-0066-010	inox/st-steel	satinato	30	500	650	75	25	100,727	2	2,7
4-0068-010	inox/st-steel	satinato	30	650	800	75	25	116,865	2	3,3

Categoria commerciale: 4D

SPECIALI			Ø	I	L	H	B	Øc	€
SP-4000-Ø-I	Inox	Lucido	su richiesta	su richiesta	su richiesta	su richiesta	su richiesta	su richiesta	
SP-4000-Ø-I	Inox	Satinato	su richiesta	su richiesta	su richiesta	su richiesta	su richiesta	su richiesta	
SP-4000-Ø-I	Inox	PVD	su richiesta	su richiesta	su richiesta	su richiesta	su richiesta	su richiesta	



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4010 INOX

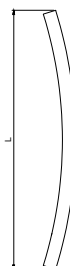
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4-0164-010	inox/st-steel	satinato	30	350	500	75	25	54	157,412	2	2,6
4-0168-010	inox/st-steel	satinato	30	650	800	75	25	54	179,430	2	3,7
4-0185-010	inox/st-steel	satinato	35	500	650	80	30	54	179,400	2	3,5

Categoria commerciale: 4D

SPECIALI			Ø	I	L	H	Øc	B	€		
SP-4010-Ø-I	Inox	Lucido	su richiesta	su richiesta	su richiesta	su richiesta	su richiesta	su richiesta			
SP-4010-Ø-I	Inox	Satinato	su richiesta	su richiesta	su richiesta	su richiesta	su richiesta	su richiesta			
SP-4010-Ø-I	Inox	PVD	su richiesta	su richiesta	su richiesta	su richiesta	su richiesta	su richiesta			



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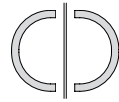


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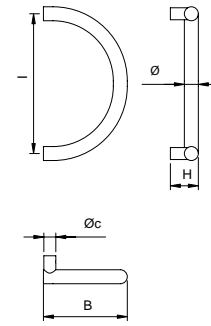
4020 INOX

CODICI 24 ORE			Ø	I	L	H	€		
4-2065-010	inox/st-steel	satinato	30	450	600	75	122,400	2	1,6
4-2087-010	inox/st-steel	satinato	30	550	700	75	130,600	2	1,8

Categoria commerciale: 4D



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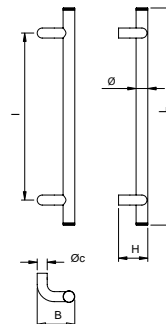
4300 INOX

CODICI 24 ORE			\varnothing	I	H	\varnothing_c	B	€		
4-3064-010	inox/st-steel	satinato	30	300	75	25	175	102,396	2	2,0
4-3085-010	inox/st-steel	satinato	35	350	80	30	210	118,757	2	2,7

Categoria commerciale: 4D



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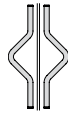
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4400 INOX

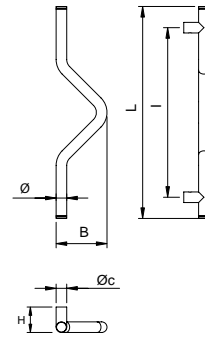
CODICI 24 ORE			\varnothing	I	L	H	\varnothing_c	B	€		
4-4062-009	inox/st-steel	lucido	30	350	500	85	25	108	128,663	2	2,5
4-4062-010	inox/st-steel	satinato	30	350	500	85	25	108	122,653	2	2,5
4-4064-010	inox/st-steel	satinato	30	500	650	85	25	108	140,683	2	3,1
4-4082-010	inox/st-steel	satinato	35	350	500	88	30	113	133,004	2	3,0
4-4084-010	inox/st-steel	satinato	35	500	650	88	30	113	151,813	2	3,6
4-4088-010	inox/st-steel	satinato	35	900	1050	88	30	113	178,080	2	5,2

Categoria commerciale: 4D

SPECIALI			\varnothing	I	L	H	B	€
SP-4400-Ø-I	Inox	Lucido	su richiesta	su richiesta	su richiesta	su richiesta	su richiesta	
SP-4400-Ø-I	Inox	Satinato	su richiesta	su richiesta	su richiesta	su richiesta	su richiesta	
SP-4400-Ø-I	Inox	PVD	su richiesta	su richiesta	su richiesta	su richiesta	su richiesta	



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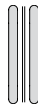
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4802 INOX

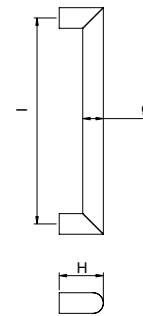
CODICI 24 ORE			\varnothing	I	L	H	$\varnothing c$	B	€		
4-8244-010	inox/st-steel	satinato	25	400	500	70	25	120	111,857	2	2,1

Categoria commerciale: 4D

SPECIALI			\varnothing	I	L	H	$\varnothing c$	B	€
SP-4802-Ø-I	Inox	Lucido	su richiesta	su richiesta	su richiesta	su richiesta	su richiesta	su richiesta	
SP-4802-Ø-I	Inox	Satinato	su richiesta	su richiesta	su richiesta	su richiesta	su richiesta	su richiesta	
SP-4802-Ø-I	Inox	PVD	su richiesta	su richiesta	su richiesta	su richiesta	su richiesta	su richiesta	



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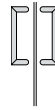
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5000 INOX

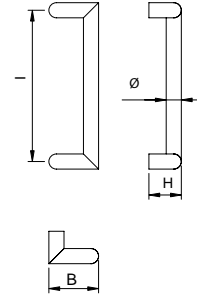
CODICI 24 ORE			\varnothing	I	H	€		
5-0025-010	inox/st-steel	satinato	20	350	60	87,927	2	1,0
5-0045-010	inox/st-steel	satinato	25	300	65	86,591	2	1,0
5-0085-010	inox/st-steel	satinato	35	350	75	93,269	2	1,6

Categoria commerciale: 4D

SPECIALI			\varnothing	I	H	€
SP-5000-Ø-I	Inox	Lucido	su richiesta	su richiesta	su richiesta	
SP-5000-Ø-I	Inox	Satinato	su richiesta	su richiesta	su richiesta	
SP-5000-Ø-I	Inox	PVD	su richiesta	su richiesta	su richiesta	



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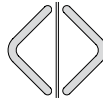
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5200 INOX

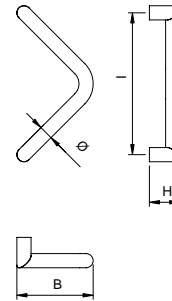
CODICI 24 ORE			\emptyset	L	H	B	€		
5-2046-010	inox/st-steel	satinato	25	350	65	65	122,875	2	1,4
5-2066-010	inox/st-steel	satinato	30	350	70	70	113,192	2	1,8
5-2086-010	inox/st-steel	satinato	35	350	75	75	122,430	2	2,2

Categoria commerciale: 4D

SPECIALI			\emptyset	L	H	B	€
SP-5200-Ø-I	Inox	Lucido	su richiesta	su richiesta	su richiesta	su richiesta	
SP-5200-Ø-I	Inox	Satinato	su richiesta	su richiesta	su richiesta	su richiesta	
SP-5200-Ø-I	Inox	PVD	su richiesta	su richiesta	su richiesta	su richiesta	



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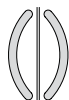


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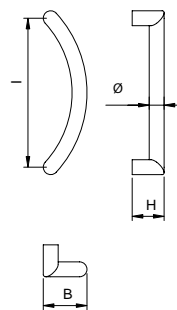
5300 INOX

CODICI 24 ORE			\emptyset	L	H	€		
5-3085-010	inox/st-steel	satinato	35	350	75	109,853	2	1,8

Categoria commerciale: 4D



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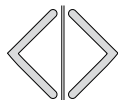


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5400 INOX

CODICI 24 ORE			Ø	I	H	B	€		
5-4043-010	inox/st-steel	satinato	25	250	60	64	94,605	2	1,0
5-4062-010	inox/st-steel	satinato	30	300	70	78	87,816	2	1,4
5-4062-015	inox/st-steel	pvd	30	300	70	78	142,241	2	1,4
5-4065-009	inox/st-steel	lucido	30	350	70	84	92,268	2	1,6
5-4065-010	inox/st-steel	satinato	30	350	70	84	89,708	2	1,6
5-4068-010	inox/st-steel	satinato	30	600	70	145	100,727	2	2,6
5-4082-010	inox/st-steel	satinato	35	350	75	89	97,610	2	1,8
5-4082-015	inox/st-steel	pvd	35	350	75	89	180,083	2	1,8
5-4085-010	inox/st-steel	satinato	35	500	75	123	112,636	2	2,5
5-4088-010	inox/st-steel	satinato	35	700	75	148	112,302	2	3,3

Categoria commerciale: 4D



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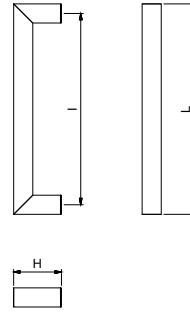
5500 INOX

CODICI 24 ORE			Ø	I	H	€		
5-5063-010	inox/st-steel	satinato	30	300	70	97,276	2	1,6

Categoria commerciale: 4D



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7000 INOX

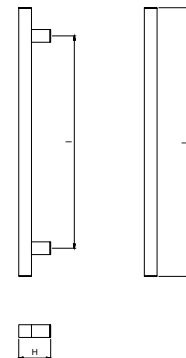
SU RICHIESTA									
7-0064-010	inox/st-steel	satinato	30	300	330	75	77,000	2	1,4
7-0086-010	inox/st-steel	satinato	30	650	680	75	112,500	2	2,6

Categoria commerciale: 4D

SPECIALI						
SP-7000-I	Inox	satinato	30	su richiesta	75	



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7100 INOX

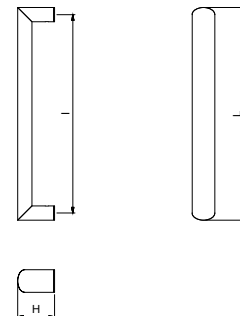
SU RICHIESTA									
7-1066-010	inox/st-steel	satinato	30	500	650	75	112,000	2	2,1

Categoria commerciale: 4D

SPECIALI						
SP-7100-I	Inox	satinato	30	su richiesta	75	



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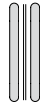


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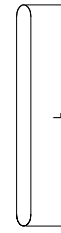
8000 INOX

SU RICHIESTA									
8-0048-010	inox/st-steel	satinato	40x20	350	370	65	123,000	2	1,4
8-0086-010	inox/st-steel	satinato	40x20	650	670	65	133,000	2	2,1

Categoria commerciale: 4D



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8100 INOX

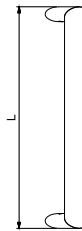


SU RICHIESTA							€		
8-1048-010	inox/st-steel	satinato	40x20	350	390	85	123,000	2	1,4
8-1086-010	inox/st-steel	satinato	40x20	650	690	85	133,000	2	2,1

Categoria commerciale: 4D

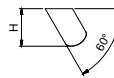


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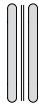
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8150 INOX

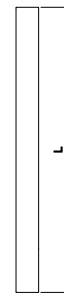
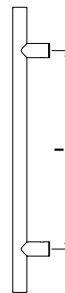


SU RICHIESTA							€		
8-1548-010	inox/st-steel	satinato	40x20	350	370	65	181,800	2	1,4
8-1586-010	inox/st-steel	satinato	40x20	650	670	65	193,900	2	2,1

Categoria commerciale: 4D



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8200 INOX



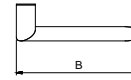
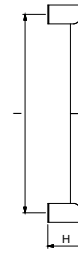
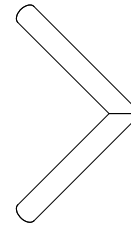
SU RICHIESTA							€		
8-2048-010	inox/st-steel	satinato	40x20	350	500	65	146,200	2	1,700
8-2087-010	inox/st-steel	satinato	40x20	550	700	65	160,000	2	2,200

Categoria commerciale: 4D

SPECIALI						€
SP-8200-I	Inox	satinato	40x20	su richiesta	65	



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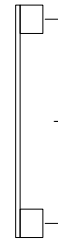
8300 INOX

SU RICHIESTA									
8-3048-010	inox/st-steel	satinato	40x20	350	220	65	135,800	2	1,7
8-3088-010	inox/st-steel	satinato	40x20	425	255	65	147,700	2	2,0

Categoria commerciale: 4D



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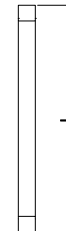
9000 INOX

SU RICHIESTA									
9-0048-010	inox/st-steel	satinato	30x8	350	400	48	145,800	2	3,4
9-0087-010	inox/st-steel	satinato	30x8	550	600	48	154,300	2	4,2

Categoria commerciale: 4D



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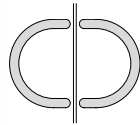
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9100 INOX

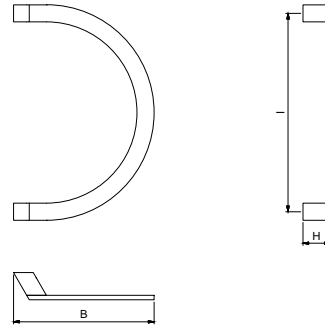
SU RICHIESTA									
9-1048-010	inox/st-steel	satinato	30x8	350	400	48	142,300	2	2,6
9-1087-010	inox/st-steel	satinato	30x8	550	600	48	152,300	2	3,4

Categoria commerciale: 4E

9150 INOX



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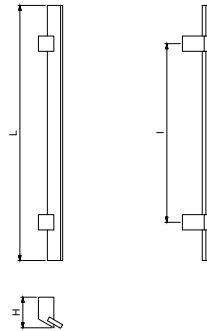
SU RICHIESTA									
9-1548-010	inox/st-steel	satinato	30x8	350	250	48	166,000	2	3,600

Categoria commerciale: 4D

9200 INOX



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SU RICHIESTA									
9-2048-010	inox/st-steel	satinato	30x8	350	500	60	141,000	2	3,2
9-2087-010	inox/st-steel	satinato	30x8	550	700	60	149,00	2	4,0

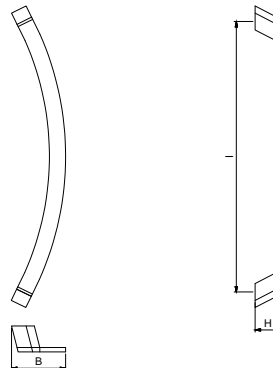
Categoria commerciale: 4D

SPECIALI								
SP-9200-I	Inox	satinato	30x8	su richiesta	60			

9300 INOX



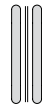
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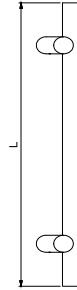
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SU RICHIESTA									
9-3066-010	inox/st-steel	satinato	30x8	500	100	48	157,400	2	3,2
9-3089-010	inox/st-steel	satinato	30x8	700	110	48	166,000	2	4,0

Categoria commerciale: 4D



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9400 INOX

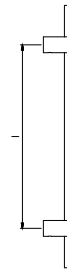
SU RICHIESTA							€		
9-4048-010	inox/st-steel	satinato	30x8	350	500	48	141,000	2	3,1
9-4087-010	inox/st-steel	satinato	30x8	550	700	48	149,000	2	3,9

Categoria commerciale: 4D

SPECIALI						€
SP-9400-I	Inox	satinato	30x8	su richiesta	48	



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9500 INOX

SU RICHIESTA							€		
9-5048-010	inox/st-steel	satinato	30x8	350	500	48	115,000	2	2,9
9-5087-010	inox/st-steel	satinato	30x8	550	700	48	125,900	2	3,7

Categoria commerciale: 4D



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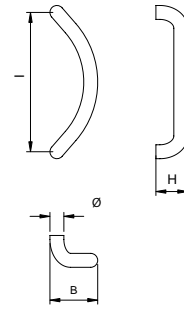
9600 INOX

SU RICHIESTA							€		
9-6048-010	inox/st-steel	satinato	30	350	500	80	161,000	2	2,400
9-6087-010	inox/st-steel	satinato	30	550	700	80	167,000	2	2,700

Categoria commerciale: 4D



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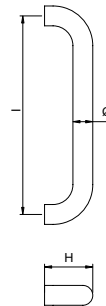
6300 NYLON

CODICI 24 ORE									
6-3085-9005	nylon	nero	35	350	80	120	23,930	2	1,0

Categoria commerciale: 4H



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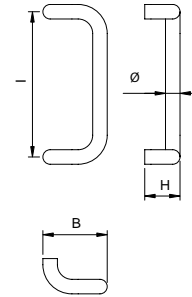
6400 NYLON

CODICI 24 ORE								
6-4065-9005	nylon	nero	35	225	80	21,704	2	0,6
6-4085-9005	nylon	nero	30	350	80	23,930	2	1,1

Categoria commerciale: 4H



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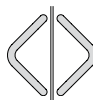


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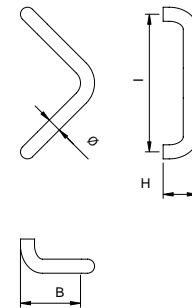
6500 NYLON

CODICI 24 ORE			\emptyset	L	H	B	€		
6-5085-9005	nylon	nero	35	350	80	140	23,930	2	1,2
6-5085-9010	nylon	bianco	35	350	80	140	27,046	2	1,2

Categoria commerciale: 4H



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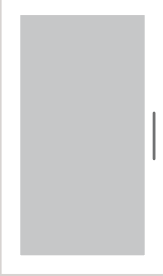

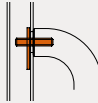

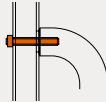
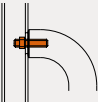
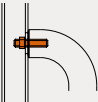
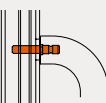
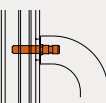
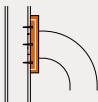
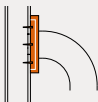



Fissaggi vedi pag. 204
Fixings - page 204
Fixations voir - page 204
Befestigung siehe - seite 204

6700 NYLON

CODICI 24 ORE			\emptyset	L	H	B	€		
6-7085-9005	nylon	nero	35	425	80	226	27,936	2	1,8

Categoria commerciale: 4H

		Ø Maniglione	Nylon	
PORTE IN VETRO Glass door / Glasstüren Puertas de vidrio / Portes en verre 	APPLICAZIONE SINGOLA Single application Einseitige Befestigung Aplicación simple Application single 	Ø 20mm Ø 25mm Ø 30mm Ø 35mm Altre sezioni	- - F0026 B/N F0028 B/N -	
	APPLICAZIONE DOPPIA Double application Paarweise Befestigung Aplicación doble Application double 	Ø 20mm Ø 25mm Ø 30mm Ø 35mm Altre sezioni	- - F1016 24H F1018 24H -	
PORTE CON PROFILO TUBOLARE Tubular profile Rohrprofile Puertas con perfil tubular Profils tubulaires 	APPLICAZIONE SINGOLA Single application Einseitige Befestigung Aplicación simple Application single 	Aggancio rapido Rapid installation Schnellkupplung Enganche rápido Attelage rapide 	Ø 20mm Ø 25mm Ø 30mm Ø 35mm Altre sezioni	- - F1116 24H F0068 24H -
		Foro passante con tappo Through hole with plug Durchgangsbohrung mit Stopfen Agujero pasante con tapón Trou passant avec bouchon 	Ø 20mm Ø 25mm Ø 30mm Ø 35mm Altre sezioni	- - F0046 F0048 24H -
		A fresatura To be milled À fraisage Gefräst 	Ø 20mm Ø 25mm Ø 30mm Ø 35mm Altre sezioni	- - F0036 F0038 -
		Tripla camera Three-chamber Tripelkammer Triple cámara Triple chambre 	Ø 20mm Ø 25mm Ø 30mm Ø 35mm Altre sezioni	- - - - -
		Con placca With plate Mit Platte Con placa Avec rosace 	Ø 20mm Ø 25mm Ø 30mm Ø 35mm Altre sezioni	- - F0056 B/N F0058 B/N 24H -
	APPLICAZIONE DOPPIA Double application Paarweise Befestigung Aplicación doble Application double 	Ø 20mm Ø 25mm Ø 30mm Ø 35mm Altre sezioni	- - F0016 24H F0018 24H -	

Alluminio	Inox	2100	Inox <small>SERIE 8000</small>
F7022 B/N	F1022 L/S/PVD	-	-
F7024 B/N	F1320 L/S/PVD	-	-
F7026 B/N	F1330 L/S/PVD 24H	-	-
F7028 B/N	F1335 L/S/PVD	-	-
-	-	-	-
F1012	F1012	-	-
F7014	F2001 24H	F1084	-
F7016 24H	F2001 24H	F7016	-
F7016 24H	F2001 24H	-	-
-	F2001 24H	-	F1012
-	-	-	-
F1112	F1112	-	-
F1114	F1000 24H	-	-
F1116 24H	F1000 24H	F1116 24H	-
F1116 24H	F1000 24H	-	-
-	F1000 24H	-	-
-	-	-	-
F1042	F1042	-	-
F7044	F1200 24H	-	-
F7046 24H	F1200 24H	F7046 24H	-
F7046 24H	F1200 24H	-	-
-	F1200 24H	-	F1042
-	-	-	-
F1032	F1042	-	-
F7044	F1200 24H	F1094	-
F7046	F1200 24H	F7036 24H	-
F7046	F1200 24H	-	-
-	F1200 24H	-	F1032
-	-	-	-
-	-	-	-
F1119	F1400	-	-
F1120	F1400	F1120	-
F1120	F1400	-	-
-	F1400	-	-
-	-	-	-
-	-	-	-
F7052 B/N	F1052 L/S/PVD	-	-
F7054 B/N	F3025 L/S/PVD	-	-
F7056 B/N/ANS	F3030 L/S/PVD 24H	-	-
F7056 B/N/ANS	F3035 L/S/PVD	-	-
-	-	-	-
-	-	-	-
F1012	F1012	-	-
F7014	F2000 24H	F1084	-
F7016 24H	F2000 24H	F7016 24H	-
F7016 24H	F2000 24H	-	-
-	F2000 24H	-	F1012

Finiture Finishing - Finitions - Ausführungen

BORCHIE SEMISFERICHE
Semispherical studs - Halbbrunde Zierplättchen -
Resbalones semiesféricos - Caches hémisphériques

B:	Bianco / White
N:	Nero / Black
L:	Lucido / Polished
S:	Satinato / Satin
PVD:	PVD / Polished PVD

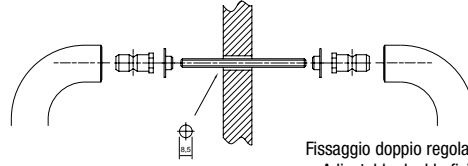


Finiture Finishing - Finitions - Ausführungen

PLACCHE
Door knob base rings - Abschlussringe - Placas -
Rosaces

B:	Bianco / White
N:	Nero / Black
L:	Lucido / Polished
S:	Satinato / Satin
ANS:	Anod. argento sat. / Silver sat. anod.
PVD:	PVD / Polished PVD

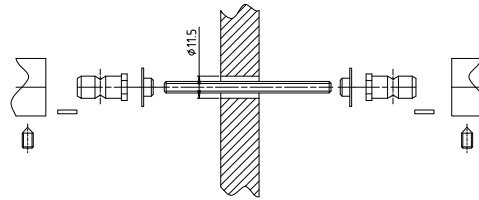




Fissaggio doppio regolabile per maniglioni in nylon su profili tubolari e porte in vetro
Adjustable double fixing for nylon pull-handles on tubular profiles and glass doors
Fixation double réglable pour poignées en nylon, sur profils tubulaires et portes en verre
Verstellbares Montageset paarweise für Nylonstosssgriffe auf röhrenförmigen Profilen und Ganzglastüren

F0016

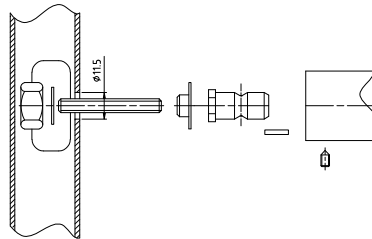
F0016	30	nylon	6,678	1	0,4
Categoria commerciale: 4B					



Fissaggio doppio regolabile per maniglioni in nylon su profili tubolari e porte in vetro
Adjustable double fixing for nylon pull-handles on tubular profiles and glass doors
Fixation double réglable pour poignées en nylon, sur profils tubulaires et portes en verre
Verstellbares Montageset paarweise für Nylonstosssgriffe auf röhrenförmigen Profilen und Ganzglastüren

F0018

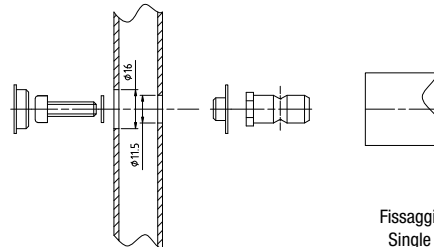
F0018	35	nylon	7,235	1	0,2
Categoria commerciale: 4B					



Fissaggio singolo a fresatura per profili tubolari
Single fixing by means of milling for tubular profiles
Fixation simple à fraisage pour profils tubulaires
Montageset einseitig zum Einfräsen für röhrenförmige Profile

F0038

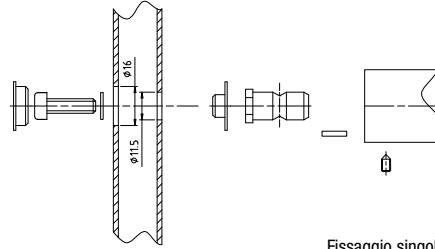
F0038	35	nylon	3,896	1	0,1
Categoria commerciale: 4B					



Fissaggio singolo per porte con profilo tubolare- Foro passante con tappo
Single attachment for doors with tubular profile - Through hole with cap
Einzelbefestigung für Türen mit Rohrprofil - durchgehende Bohrung mit Verschluss
Fixation simple pour portes avec profil tubulaire - Trou traversant avec bouchon

F0046

F0046	30	nylon	3,896	1	0,1
Categoria commerciale: 4B					

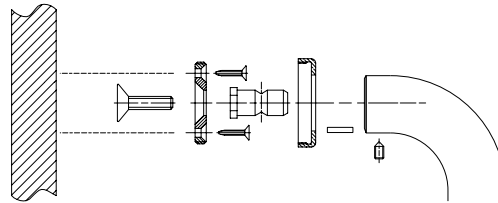


F0048

Fissaggio singolo per porte con profilo tubolare- Foro passante con tappo
Single attachment for doors with tubular profile - Through hole with cap
Einzelbefestigung für Türen mit Rohrprofil - durchgehende Bohrung mit Verschluss
Fixation simple pour portes avec profil tubulaire - Trou traversant avec bouchon

F0048	35	nylon	3,896	1	0,1

Categoria commerciale: 4B

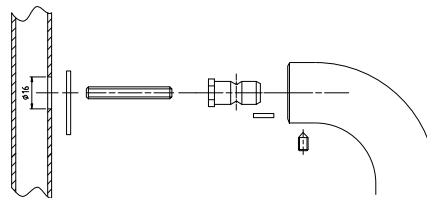


F0058N

Fissaggio singolo con placca in nylon per profili tubolari
Single fixing with nylon plate for tubular profiles
Fixation avec rosace en nylon pour profils tubulaires
Montageset einseitig mit Rosette aus Nylon für röhrenförmige Profile

F0058N	35	nylon	bianco - nero	7,235	1	0,1

Categoria commerciale: 4B



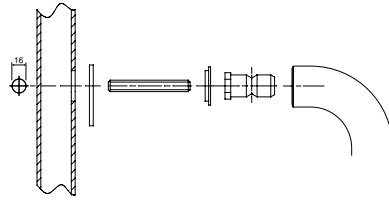
F0068

Fissaggio singolo ad aggancio rapido per profili tubolari
Single fixing with fast hooking for tubular profiles
Fixation simple avec accrochage rapide pour profils tubulaires
Montageset einseitig mit schneller Kupplung für röhrenförmige Profile

F0068	35	nylon	8,348	1	0,850

Categoria commerciale: 4B

F1000

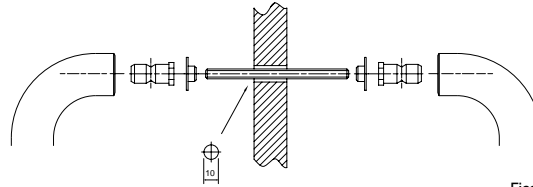
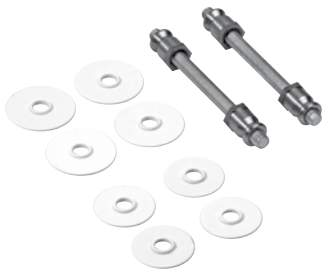


Fissaggio unificato singolo ad aggancio rapido per profili tubolari
 Single fixing with fast hooking for tubular profiles
 Fixation simple avec accrochage rapide pour profils tubulaires
 Montageset einseitig mit schneller Kupplung für röhrenförmige Profile

F1000	varie	inox	10,551	1	0,1

Categoria commerciale: 4B

F1012

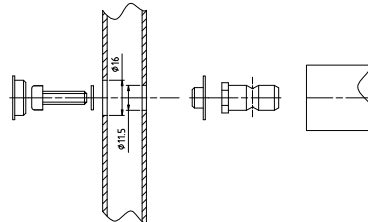
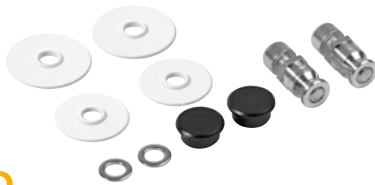


Fissaggio unificato doppio regolabile per porte in vetro
 Double fixing adjustable for glass ones available for all diameters
 Verstellbares Montageset paarweise für Ganzglastüren für alle stossgriffdurchmesser geeignet
 Fixation double réglable pour toutes portes en verre variable pour tous less diamètres

F1012	varie	alluminio-inox-serie 8000	8,348	1	0,2

Categoria commerciale: 4B

F1042

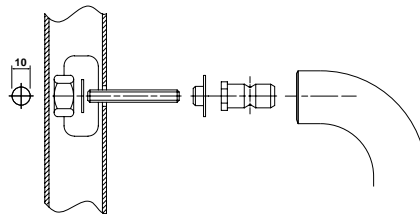


Fissaggio unificato singolo con tappo per profili tubolari
 Fixing with plug except for glass doors available for all diameters (through hole)
 Montageset zum Durchschrauben mit Blindrossette für alle stossgriffdurchmesser geeignet (durchgehendes Loch)
 Fixation avec bouchon pour portes bois ou métal variable pour tous less diamètres (trou passant)

F1042	varie	alluminio-inox-serie 8000	5,009	1	0,1

Categoria commerciale: 4B

F1100

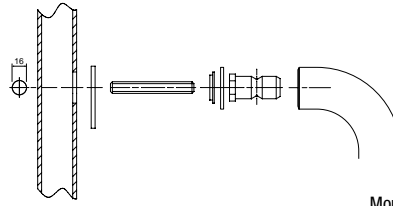


Fissaggio unificato singolo a fresatura per profili tubolari
 Single fixing by means of milling for tubular profiles
 Fixation simple à fraisage pour profils tubulaires
 Montageset einseitig zum Einfräsen für röhrenförmige Profile

F1100	varie	inox	4,730	1	0,1

Categoria commerciale: 4B

F1116

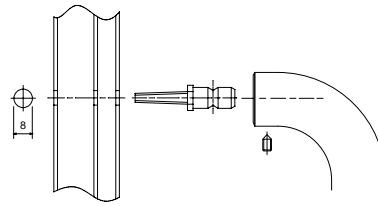


Fissaggio singolo ad aggancio rapido per profili tubolari
Single fixing with fast hooking for tubular profiles
Fixation simple avec accrochage rapide pour profils tubulaires
Montageset einseitig mit schneller Kupplung für röhrenförmige Profile

F1116	30	nylon ø30-serie 2100 ø30-alluminio	8,815	1	0,9

Categoria commerciale: 4B

F1120

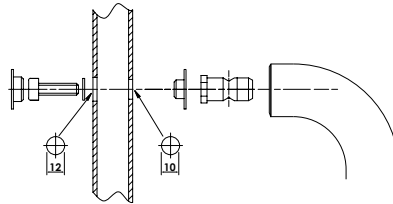


Fissaggio singolo per profili tripla camera (Serie 2100 Inox)
Single fixing for profiles with triple chamber (Serie 2100 Inox)
Einzelbefestigung für 3-kammerprofile (Serie 2100 Inox)
Fixation simple pour profils à trois chambres (Serie 2100 Inox)

F1120	30	serie 2100 ø30-alluminio	18,654	1	0,1

Categoria commerciale: 4B

F1200

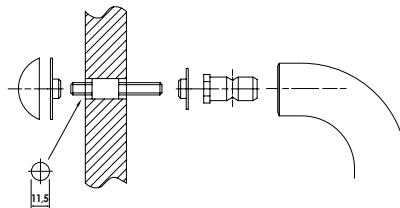


Fissaggio unificato singolo con tappo per profili tubolari (foro passante)
Single fixing with plug except for tubular profiles (through hole)
Fixation simple avec bouchon pour profils tubulaires (trou passant)
Montageset einseitig mit Stöpsel für röhrenförmigen Profilen (durchgehendes Loch)

F1200	varie	inox	5,565	1	0,2

Categoria commerciale: 4B

F1300

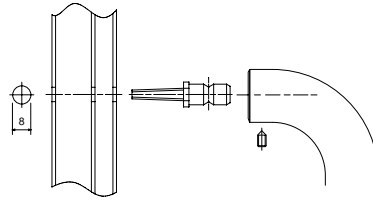


Fissaggio singolo per porte in vetro (foro passante)
Single fixing for glass doors (through hole)
Fixation simple pour en verre variable (trou passant)
Montageset einseitig für Ganzglastüren (durchgehendes Loch)

F1325S	25	inox	lucido	13,913	1	0,1
F1330S	30	inox	PVD	15,860	1	0,1
F1335S	35	inox	satinato	18,387	1	0,1

Categoria commerciale: 4B

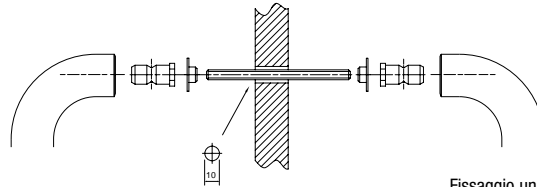
F1400



Fissaggio singolo per profili tripla camera
Single fixing for profiles with triple chamber
Einzelbefestigung für 3-kammerprofile
Fixation simple pour profils à trois chambres

F1400	varie	inox	18,086	1	0,1
Categoria commerciale: 4B					

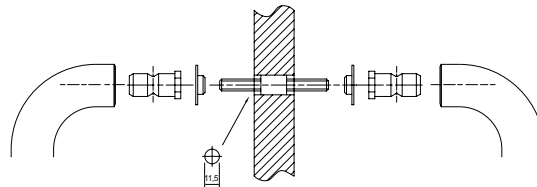
F2000



Fissaggio unificato doppio regolabile per profili tubolari
Adjustable double fixing for tubular profiles
Fixation double réglable pour profils tubulaires
Verstellbares Montageset paarweise für röhrenförmige Profile

F2000	varie	inox	8,069	1	0,1
Categoria commerciale: 4B					

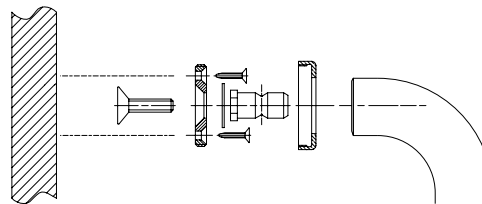
F2001



Fissaggio unificato doppio regolabile per porte in vetro
Adjustable double fixing for glass doors
Fixation double réglable pour portes en verre
Verstellbares Montageset paarweise für Ganzglastüren

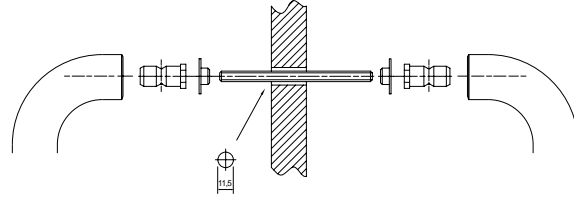
F2001	varie	inox	10,629	1	0,1
Categoria commerciale: 4B					

F3000



Fissaggio singolo con placca metallica per profili tubolari
Fixing with metal plate except for glass doors
Montageset zum Aufschrauben mit Rosette (nicht fuer Ganzglastueren) Fixation
avec rosace métallique pour portes bois ou métal

F3025S	25	inox	lucido	17,229	1	0,3
F3030S	30	inox	PVD	19,500	1	0,3
F3035S	35	inox	satinato	19,500	1	0,3
Categoria commerciale: 4B						

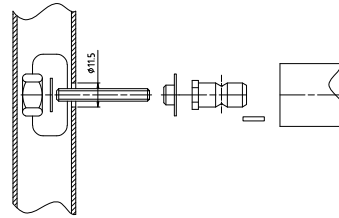


F7016

Fissaggio doppio regolabile per profili tubolari e porte in vetro
Adjustable double fixing for tubular profiles and glass doors
Fixation double réglable pour profils tubulaires et portes en verre
Verstellbares Montageset paarweise für röhrenförmige Profile und Ganzglastüren

F7016	varie	alluminio	7,235	1	0,2

Categoria commerciale: 4B

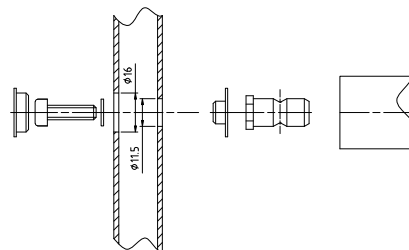


F7036

Fissaggio singolo a fresatura per profili tubolari
Single fixing by means of milling for tubular profiles
Fixation simple à fraisage pour profils tubulaires
Montageset einseitig zum Einfräsen für röhrenförmige Profile

F7036	30-35	alluminio, inox 2100 ø30	3,896	1	0,1

Categoria commerciale: 4B



F7046

Fissaggio unificato singolo con tappo per profili tubolari - Serie 2100 Inox
Fixing with plug except for glass doors available for all diameters (through hole) - Serie 2100 Inox
Montageset zum Durchschrauben mit Blindrossette für alle stossgriffdurchmesser geeignet (durchgehendes Loch) - Serie 2100 Inox
Fixation avec bouchon pour portes bois ou métal variable pour tous less diamètres (trou passant) - Serie 2100 Inox

F7046	30-35	serie 2100 ø 30-alluminio	3,896	1	0,1

Categoria commerciale: 4B

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LEGENDA

-  Articolo / Article
-  Finitura / Finishing
-  Pezzi per confezione / Pieces per pack
-  Peso confezione / Weight of pack
-  Prezzo / Price

Dalla potenza all'atto, dall'apertura all'attuatore

01 SMART



Attuatore elettrico a catena per apertura e chiusura di finestre a sporgere, shed, lucernai, vasistas in legno, PVC e alluminio
Chain actuator for opening and closing top-hung outward windows, shed, skylights and bottom-hung inward windows in wood, PVC and aluminium



02 LIWIN



Attuatore elettrico a catena per apertura e chiusura di finestre a sporgere, shed, lucernai, vasistas in legno, PVC e alluminio
Chain actuator for opening and closing top-hung outward windows, shed, skylights and bottom-hung inward windows in wood, PVC and aluminium



05 AIRWIN



Attuatore elettrico a cremagliera per apertura e chiusura di shed, lucernai, pale frangisole e cupole
Rack actuator for opening and closing shed top-hung outward windows, skylights, solar shading blades and domes



06 SHOWIN



Attuatore elettrico tubolare per apertura e chiusura di tapparelle, tende esterne, tende oscuranti, tende filtranti e zanzariere
Tubular motor for opening and closing roller shutters, sun awnings, blinds, sunscreens and mosquito screens



03 FAST



Attuatore elettrico a stelo per apertura e chiusura di finestre a sporgere, a lamelle, pale frangisole e cupole
Spindle actuator for opening and closing top-hung outward windows, skylights, solar shading and domes



04 RAYWIN



Attuatore elettrico a stelo per apertura e chiusura di finestre a sporgere, a lamelle, pale frangisole e cupole
Spindle actuator for opening and closing top-hung outward windows, skylights, solar shading and domes



07 R-CONTROL

Trasmittitore a radio frequenza (434,15 MHz) capace di attivare tutte le automazioni su 6 canali e gestione di gruppi multipli.
Remote control transmitter (434,15 MHz) can be used to activate all actuator functions over 6 channels and manage multiple groups



08 W-BUS

WBUS GATE è un dispositivo di telecontrollo wireless con web server integrato, basato su rete cellulare dati GSM / GPRS / HSPA e LAN, WLAN che consente il monitoraggio continuo non presidiato di grandezze elettriche di processo ed il comando remoto degli attuatori elettrici WBUS ed altri sistemi elettronici.
WBUS GATE is a wireless remote monitoring device with an integrated web server capable of working over GSM / GPRS / HSPA cellular and LAN / WLAN data networks. The unit provides fully-automated constant monitoring over electrical process parameters as well as the remote control of WBUS electronic actuators and other electronic systems.



SMART ACCESSORIES

ATTACCO PER FINESTRE A SPORGERE FITTING FOR TOP-HUNG WINDOWS

30 pieces per pack (1,10 Kg)

- Black ML00 AA 01N 0B 00 € 3,710
- Grey ML00 AA 01N 0G 00 € 3,710
- White ML00 AA 01N 0W 00 € 3,710



ATTACCO PER FINESTRE A VASISTAS FITTING FOR BOTTOM-HUNG WINDOWS

20 pieces per pack (1,21 Kg)

- Black ML00 AA 03N 0B 00 € 7,950
- Grey ML00 AA 03N 0G 00 € 7,950
- White ML00 AA 03N 0W 00 € 7,950



Attuatore elettrico a catena per l'apertura e chiusura di finestre a sporgere, shed, lucernai, vasistas in legno, PVC e alluminio.

Chain actuator for opening and closing top-hung outward windows, shed, skylights and bottom-hung inward windows in wood, PVC and aluminium.

STAFFE DI SUPPORTO SUPPORT BRACKETS

20 pieces per pack (0,97 Kg)

- Black ML00 AS 01N 0B 00 € 4,240
- Grey ML00 AS 01N 0G 00 € 4,240
- White ML00 AS 01N 0W 00 € 4,240



STAFFE DI SUPPORTO PER ABBAINO SUPPORT BRACKETS FOR DORMER WINDOW

20 pieces per pack (0,76 Kg)

- Black ML 00 AS 02N 0B 00 € 13,144
- Grey ML 00 AS 02N 0G 00 € 13,144
- White ML 00 AS 02N 0W 00 € 13,144



STAFFE DI SUPPORTO VERSIONE ALTA SUPPORT BRACKETS HIGH VERSION

10 pieces per pack (1,94 Kg)

- Black ML00 AS 03N 0B 00 € 16,430
- Grey ML00 AS 03N 0G 00 € 16,430
- White ML00 AS 03N 0W 00 € 16,430



STAFFE DI SUPPORTO VERSIONE BASSA SUPPORT BRACKETS SMALL VERSION

10 pieces per pack (1,42 Kg)

- Black ML00 AS 05N 0B 00 € 16,112
- Grey ML00 AS 05N 0G 00 € 16,112
- White ML00 AS 05N 0W 00 € 16,112



RILEVATORE DI PIOGGIA RAIN SENSOR

1 piece (0,4 Kg)

MX00 AR 01N 0G 00
€ 84,800

MX00 AR 01N 0T 00
€ 84,800



RILEVATORE VENTO WIND SENSOR

1 piece (0,3 Kg)

MX00 AR 02N 0G 00
€ 84,800



RILEVATORE VENTO/SOLE WIND/SUN SENSOR

1 piece (0,3 Kg)

MX00 AR 02N 0T 00
€ 84,800



UNITÀ DI CONTROLLO 1 USCITA MOTORE CON O SENZA RICEVENTE INTEGRATA 1 OUTLET MOTOR CONTROL UNIT WITH OR WITHOUT BUILT-IN RECEIVER

(230 Vac) 1 piece (0,2 Kg)

MX00 AU 02H 0W 00 € 84,800
Con ricevente / With receiver

MX00 AU 03H 0W 00 € 63,600
Senza ricevente / Without receiver



- SOFT START & STOP
- Rilevamento ostacoli | *Obstacle detection*
- Fine corsa per assorbimento | *Stroke limit - resistance*

- Velocità a vuoto | *Speed at no load* **18 mm/sec**
- Forza di spinta | *Thrust force* **200 N**
- Servizio | *Type of service* **S2 - 4 min**
- Temp min-max **-5°C / +50°C**

IP20

Aperture | Opening



SMART

+	PRODUCT CODE	DESCRIPTION	+	+	C.C.	€
24V basic	MSMART20 L 0B 00	■ SMART-24V NERO RAL9005	1	0,8	8A	59,360
24V basic	MSMART20 L 0G 00	■ SMART-24V GRIGIO RAL7035	1	0,8	8A	59,360
24V basic	MSMART20 L 0W 00	□ SMART-24V BIANCO RAL9010	1	0,8	8A	59,360
110V basic	MSMART20 I 0B 00	■ SMART-110V NERO RAL9005	1	0,8	8A	65,500
110V basic	MSMART20 I 0G 00	■ SMART-110V GRIGIO RAL7035	1	0,8	8A	65,500
110V basic	MSMART20 I 0W 00	□ SMART-110V BIANCO RAL9010	1	0,8	8A	65,500
230V basic	MSMART20 H 0B 00	■ SMART-230V NERO RAL9005	1	0,8	8A	61,480
230V basic	MSMART20 H 0G 00	■ SMART-230V GRIGIO RAL7035	1	0,8	8A	61,480
230V basic	MSMART20 H 0W 00	□ SMART-230V BIANCO RAL9010	1	0,8	8A	61,480



LIWIN ACCESSORIES



ATTACCO PER FINESTRE A SPORGERE FITTING FOR TOP-HUNG WINDOWS

30 pieces per pack (0,4 Kg)

■ Black	ML00 AA 01N 0B 00	€ 3,710
■ Grey	ML00 AA 01N 0G 00	€ 3,710
□ White	ML00 AA 01N 0W 00	€ 3,710
■ Ivory	ML00 AA 01N 1W 00	€ 4,134



ATTACCO PER FINESTRE A VASISTAS FITTING FOR BOTTOM-HUNG WINDOWS

20 pieces per pack (0,6 Kg)

■ Black	ML00 AA 03N 0B 00	€ 7,950
■ Grey	ML00 AA 03N 0G 00	€ 7,950
□ White	ML00 AA 03N 0W 00	€ 7,950
■ Ivory	ML00 AA 03N 1W 00	€ 8,798



Attuatore elettrico a catena per l'apertura e chiusura di finestre a sporgere, shed, lucernai, vasistas in legno, PVC e alluminio.

Chain actuator for opening and closing top-hung outward windows, shed, skylights and bottom-hung inward windows in wood, PVC and aluminium.

STAFFE DI SUPPORTO SUPPORT BRACKETS

20 pieces per pack (1,0 Kg)

■ Black	ML00 AS 01N 0B 00	€ 4,240
■ Grey	ML00 AS 01N 0G 00	€ 4,240
□ White	ML00 AS 01N 0W 00	€ 4,240
■ Ivory	ML00 AS 01N 1W 00	€ 4,664



STAFFE DI SUPPORTO PER ABBAINO SUPPORT BRACKETS FOR DORMER WINDOW

20 pieces per pack (0,4 Kg)

■ Black	ML 00 AS 02N 0B 00	€ 13,144
■ Grey	ML 00 AS 02N 0G 00	€ 13,144
□ White	ML 00 AS 02N 0W 00	€ 13,144



STAFFE DI SUPPORTO VERSIONE ALTA SUPPORT BRACKETS HIGH VERSION

10 pieces per pack (2,0 Kg)

■ Black	ML00 AS 03N 0B 00	€ 16,430
■ Grey	ML00 AS 03N 0G 00	€ 16,430
□ White	ML00 AS 03N 0W 00	€ 16,430



STAFFE DI SUPPORTO VERSIONE BASSA SUPPORT BRACKETS SMALL VERSION

10 pieces per pack (1,4 Kg)

■ Black	ML00 AS 05N 0B 00	€ 16,112
■ Grey	ML00 AS 05N 0G 00	€ 16,112
□ White	ML00 AS 05N 0W 00	€ 16,112



RILEVATORE DI PIOGGIA RAIN SENSOR

1 piece (0,4 Kg)

MX00 AR 01N 0G 00
€ 84,800

MX00 AR 01N 0T 00
€ 84,800



RILEVATORE VENTO WIND SENSOR

1 piece (0,3 Kg)

MX00 AR 02N 0G 00
€ 84,800

RILEVATORE VENTO/SOLE WIND/SUN SENSOR

1 piece (0,3 Kg)

MX00 AR 02N 0T 00
€ 84,800

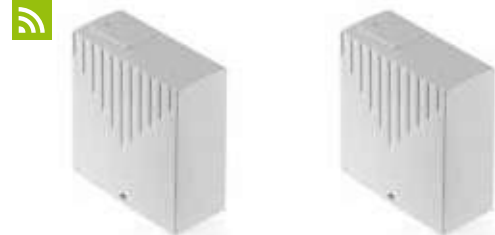


UNITÀ DI CONTROLLO 1 USCITA MOTORE CON O SENZA RICEVENTE INTEGRATA 1 OUTLET MOTOR CONTROL UNIT WITH OR WITHOUT BUILT-IN RECEIVER

(230 Vac) 1 piece (0,2 Kg)

MX00 AU 02H 0W 00 € 84,800
Con ricevente / With receiver

MX00 AU 03H 0W 00 € 63,600
Senza ricevente / Without receiver



Aperture | Opening



- SOFT START & STOP
- Rilevamento ostacoli | *Obstacle detection*
- Fine corsa per assorbimento | *Stroke limit - resistance*

- Velocità a vuoto | *Speed at no load* **18 mm/sec**
- Forza di spinta | *Thrust force* **250 N**
- Servizio | *Type of service* **S2 - 4 min**
- Temp min-max **-5°C / +50°C** **IP44**

LIWIN L25

	PRODUCT CODE	DESCRIPTION			C.C.	€
L25 110V basic	ML25 S1 38I 0B 00	■ LIWIN 250N SINGOLO 110V NERO RAL9005	1	1,2	8A	82,000
L25 110V basic	ML25 S1 38I 0G 00	■ LIWIN 250N SINGOLO 110V GRIGIO RAL7035	1	1,2	8A	82,000
L25 110V basic	ML25 S1 38I 0W 00	□ LIWIN 250N SINGOLO 110V BIANCO RAL9010	1	1,2	8A	82,000
L25 230V basic	ML25 S1 38H 0B 00	■ LIWIN 250N SINGOLO 230V NERO RAL9005	1	1,2	8A	76,850
L25 230V basic	ML25 S1 38H 0G 00	■ LIWIN 250N SINGOLO 230V GRIGIO RAL7035	1	1,2	8A	76,850
L25 230V basic	ML25 S1 38H 0W 00	□ LIWIN 250N SINGOLO 230V BIANCO RAL9010	1	1,2	8A	76,850
L25 230V basic	ML25 S1 38H 1W 00	■ LIWIN 250N SINGOLO 230V AVORIO RAL1013	1	1,2	8A	84,800



- Collegamento senza centralina | *Without control unit*
- SOFT START & STOP
- Rilevamento ostacoli | *Obstacle detection*
- Fine corsa per assorbimento | *Stroke limit - resistance*

- Velocità a vuoto | *Speed at no load* **18 mm/sec**
- Forza di spinta | *Thrust force* **350 N**
- Servizio | *Type of service* **S2 - 4 min**
- Temp min-max **-5°C / +50°C** **IP44**

LIWIN L35

	PRODUCT CODE	DESCRIPTION			C.C.	€
L35 230V basic	ML35 S1 40H 0B 00	■ LIWIN 350N SINGOLO 230V NERO RAL9005	1	1,2	8A	99,640
L35 230V basic	ML35 S1 40H 0G 00	■ LIWIN 350N SINGOLO 230V GRIGIO RAL7035	1	1,2	8A	99,640
L35 230V basic	ML35 S1 40H 0W 00	□ LIWIN 350N SINGOLO 230V BIANCO RAL9010	1	1,2	8A	99,640
L35 230V basic	ML35 S1 40H 1W 00	■ LIWIN 350N SINGOLO 230V AVORIO RAL1013	1	1,2	8A	109,710
L35 24V basic	ML35 S1 40L 0B 00	■ LIWIN 350N SINGOLO 24V NERO RAL9005	1	1,2	8A	83,210
L35 24V basic	ML35 S1 40L 0G 00	■ LIWIN 350N SINGOLO 24V GRIGIO RAL7035	1	1,2	8A	83,210
L35 24V basic	ML35 S1 40L 0W 00	□ LIWIN 350N SINGOLO 24V BIANCO RAL9010	1	1,2	8A	83,210
L35 24V basic	ML35 S1 40L 1W 00	■ LIWIN 350N SINGOLO 24V AVORIO RAL1013	1	1,2	8A	91,690

LIWIN L35 2W-NET

	PRODUCT CODE	DESCRIPTION			C.C.	€
L35 230V 2W-NET	ML35 S2 40H 0B 00	■ LIWIN 350N DOPPIO 230V NERO RAL9005	1	2,5	8A	315,88
L35 230V 2W-NET	ML35 S2 40H 0G 00	■ LIWIN 350N DOPPIO 230V GRIGIO RAL7035	1	2,5	8A	315,88
L35 230V 2W-NET	ML35 S2 40H 0W 00	□ LIWIN 350N DOPPIO 230V BIANCO RAL9010	1	2,5	8A	315,88
L35 24V 2W-NET	ML35 S2 40L 0B 00	■ LIWIN 350N DOPPIO 24V NERO RAL9005	1	2,5	8A	265,00
L35 24V 2W-NET	ML35 S2 40L 0G 00	■ LIWIN 350N DOPPIO 24V GRIGIO RAL7035	1	2,5	8A	265,00
L35 24V 3W-NET	ML35 S3 40L 0W 00	□ LIWIN 350N DOPPIO 24V BIANCO RAL9010	1	2,5	8A	265,00






LIWIN L35 3W-NET

	PRODUCT CODE	DESCRIPTION			C.C.	€
L35 230V 3W-NET	ML35 S3 40H 0B 00	■ LIWIN 350N TRIPLO 230V NERO RAL9005	1	3,7	8A	569,22
L35 230V 3W-NET	ML35 S3 40H 0G 00	■ LIWIN 350N TRIPLO 230V GRIGIO RAL7035	1	3,7	8A	569,22
L35 230V 3W-NET	ML35 S3 40H 0W 00	□ LIWIN 350N TRIPLO 230V BIANCO RAL9010	1	3,7	8A	569,22
L35 24V 3W-NET	ML35 S3 40L 0B 00	■ LIWIN 350N TRIPLO 24V NERO RAL9005	1	3,7	8A	482,30
L35 24V 3W-NET	ML35 S3 40L 0G 00	■ LIWIN 350N TRIPLO 24V GRIGIO RAL7035	1	3,7	8A	482,30
L35 24V 3W-NET	ML35 S3 40L 0W 00	□ LIWIN 350N TRIPLO 24V BIANCO RAL9010	1	3,7	8A	482,30



LIWIN L35 4W-NET

	PRODUCT CODE	DESCRIPTION			C.C.	€
L35 230V 4W-NET	ML35 S4 40H 0B 00	■ LIWIN 350N QUADRUPLO 230V NERO RAL9005	1	4,9	8A	757,90
L35 230V 4W-NET	ML35 S4 40H 0G 00	■ LIWIN 350N QUADRUPLO 230V GRIGIO RAL7035	1	4,9	8A	757,90
L35 230V 4W-NET	ML35 S4 40H 0W 00	□ LIWIN 350N QUADRUPLO 230V BIANCO RAL9010	1	4,9	8A	757,90
L35 24V 4W-NET	ML35 S4 40L 0B 00	■ LIWIN 350N QUADRUPLO 24V NERO RAL9005	1	4,9	8A	636,00
L35 24V 4W-NET	ML35 S4 40L 0G 00	■ LIWIN 350N QUADRUPLO 24V GRIGIO RAL7035	1	4,9	8A	636,00
L35 24V 4W-NET	ML35 S4 40L 0W 00	□ LIWIN 350N QUADRUPLO 24V BIANCO RAL9010	1	4,8	8A	636,00



Aperture | Opening



- Collegamento senza centralina | Without control unit**
- SOFT START & STOP**
- Rilevamento ostacoli | Obstacle detection**
- Fine corsa per assorbimento | Stroke limit - resistance**
- Velocità a vuoto | Speed at no load** 18 mm/sec
- Forza di spinta | Thrust force** 350 N
- Servizio | Type of service** S2 - 4 min
- Temp min-max** -5°C / +50°C IP44

LIWIN L35 RADIO

	PRODUCT CODE	DESCRIPTION			C.C.	€
L35 230V R	ML35 R1 40H 0B 00	■ LIWIN 230N SINGOLO 230V NERO RAL9005	1	1,2	8A	142,04
L35 230V R	ML35 R1 40H 0G 00	■ LIWIN 230N SINGOLO 230V GRIGIO RAL7035	1	1,2	8A	142,04
L35 230V R	ML35 R1 40H 0W 00	□ LIWIN 230N SINGOLO 230V BIANCO RAL9010	1	1,2	8A	142,04

Alimentazione
Power supply



Radiocomando non incluso
Remote control not included



L < 125 cm
Base / Length

Fino a **6** canali
Up to channels

LIWIN L35 RADIO 2W-NET

	PRODUCT CODE	DESCRIPTION			C.C.	€
L35 230V R 2W-NET	ML35 R2 40H 0B 00	■ LIWIN 350N DOPPIO 230V RADIO RAL9005	1	2,5	8A	354,04
L35 230V R 2W-NET	ML35 R2 40H 0G 00	■ LIWIN 350N DOPPIO 230V RADIO RAL7035	1	2,5	8A	354,04
L35 230V R 2W-NET	ML35 R2 40H 0W 00	□ LIWIN 350N DOPPIO 230V RADIO RAL9010	1	2,5	8A	354,04

Alimentazione
Power supply



Radiocomando non incluso
Remote control not included



L 125 < 250 cm
Base / Length

Fino a **6** canali
Up to channels

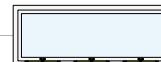
LIWIN L35 RADIO 3W-NET

	PRODUCT CODE	DESCRIPTION			C.C.	€
L35 230V R 3W-NET	ML35 R3 40H 0B 00	■ LIWIN 350N TRIPLO 230V RADIO RAL9005	1	3,7	8A	611,62
L35 230V R 3W-NET	ML35 R3 40H 0G 00	■ LIWIN 350N TRIPLO 230V RADIO RAL7035	1	3,7	8A	611,62
L35 230V R 3W-NET	ML35 R3 40H 0W 00	□ LIWIN 350N TRIPLO 230V RADIO RAL9010	1	3,7	8A	611,62

Alimentazione
Power supply



Radiocomando non incluso
Remote control not included



L 250 < 375 cm
Base / Length

Fino a **6** canali
Up to channels

LIWIN L35 RADIO 4W-NET

	PRODUCT CODE	DESCRIPTION			C.C.	€
L35 230V R 4W-NET	ML35 R4 40H 0B 00	■ LIWIN 350N QUADRUPLO 230V RADIO RAL9005	1	4,9	8A	800,30
L35 230V R 4W-NET	ML35 R4 40H 0G 00	■ LIWIN 350N QUADRUPLO 230V RADIO RAL7035	1	4,9	8A	800,30
L35 230V R 4W-NET	ML35 R4 40H 0W 00	□ LIWIN 350N QUADRUPLO 230V RADIO RAL9010	1	4,9	8A	800,30

Alimentazione
Power supply



Radiocomando non incluso
Remote control not included



L 375 < 500 cm
Base / Length

Fino a **6** canali
Up to channels

FAST ACCESSORIES

Attuatore elettrico a stelo per apertura e chiusura di finestre a sporgere, a lamelle, pale frangisole e cupole
Spindle actuator for opening and closing top-hung outward windows, skylights, solar shading and domes.



STAFFE DI SUPPORTO / SUPPORT BRACKETS

10 pieces x pack (0,2 Kg)

MFASTS 01N 0G 00 € 20,140
Zincato bianco / White galvanized



ATTACCO PER FINESTRE / FITTING FOR WINDOWS

30 pieces x pack (0,1 Kg)

MR00 AA 01N 0G 00 € 6,890
Zincato bianco / White galvanized



RILEVATORE DI PIOGGIA RAIN SENSOR

1 piece (0,4 Kg)

MX00 AR 01N 0G 00 € 84,800
MX00 AR 01N 0T 00 € 84,800



RILEVATORE VENTO WIND SENSOR

1 piece (0,3 Kg)

MX00 AR 02N 0G 00 € 84,800



RILEVATORE VENTO/SOLE WIND/SUN SENSOR

1 piece (0,3 Kg)

MX00 AR 02N 0T 00 € 84,800

UNITÀ DI CONTROLLO 1 USCITA MOTORE CON O SENZA RICEVENTE INTEGRATA 1 OUTLET MOTOR CONTROL UNIT WITH OR WITHOUT BUILT-IN RECEIVER

(230 Vac) 1 piece (0,2 Kg)

MX00 AU 02H 0W 00 € 84,800
Con ricevente / With receiver
MX00 AU 03H 0W 00 € 63,600
Senza ricevente / Without receiver

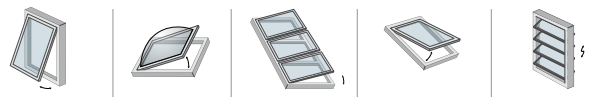


- SOFT START & STOP
- Rilevamento ostacoli | *Obstacle detection*
- Fine corsa | *Stroke limit*

- Velocità a vuoto | *Speed at no load* **19 mm/sec**
- Forza di spinta | *Thrust force* **500 N**
- Servizio | *Type of service* **S2 - 4 min**
- Temp min-max **-5°C / +50°C**

IP55

Aperture | Opening



FAST

+	PRODUCT CODE	DESCRIPTION	+	+	C.C.	€
FAST-160 230V	MFAST 160 H 0B 00	■ FAST50/160-230V NERO RAL9005	1	1,7	8B	97,520
FAST-200 230V	MFAST 200 H 0B 00	■ FAST50/200-230V NERO RAL9005	1	1,7	8B	97,520
FAST-300 230V	MFAST 300 H 0B 00	■ FAST50/300-230V NERO RAL9005	1	1,7	8B	101,230
FAST-400 230V	MFAST 400 H 0B 00	■ FAST50/400-230V NERO RAL9005	1	1,8	8B	116,60



RAYWIN ACCESSORIES



Attuatore elettrico a stelo per apertura e chiusura di finestre a sporgere, a lamelle, pale frangisole e cupole

Spindle actuator for opening and closing top-hung outward windows, skylights, solar shading and domes

STAFFE DI SUPPORTO / SUPPORT BRACKETS

10 pieces x pack (1,5 Kg)

MR00 AS 01N 0G 00 € 20,140
Zincato bianco / White galvanized



ATTACCO PER FINESTRE / FITTING FOR WINDOWS

30 pieces x pack (2,0 Kg)

MR00 AA 01N 0G 00 € 6,890
Zincato bianco / White galvanized



RILEVATORE DI PIOGGIA RAIN SENSOR

1 piece (0,4 Kg)

MX00 AR 01N 0G 00
€ 84,800

MX00 AR 01N 0T 00
€ 84,800



RILEVATORE VENTO WIND SENSOR

1 piece (0,3 Kg)

MX00 AR 02N 0G 00
€ 84,800



RILEVATORE VENTO/SOLE WIND/SUN SENSOR

1 piece (0,3 Kg)

MX00 AR 02N 0T 00
€ 84,800

UNITÀ DI CONTROLLO 1 USCITA MOTORE CON O SENZA RICEVENTE INTEGRATA 1 OUTLET MOTOR CONTROL UNIT WITH OR WITHOUT BUILT-IN RECEIVER

(230 Vac) 1 piece (0,2 Kg)

MX00 AU 02H 0W 00 € 84,800
Con ricevente / With receiver

MX00 AU 03H 0W 00 € 63,600
Senza ricevente / Without receiver



Aperture | Opening



- SOFT START & STOP
- Rilevamento ostacoli | *Obstacle detection*
- Fine corsa per assorbimento | *Stroke limit - resistance*

■ Velocità a vuoto <i>Speed at no load</i>	12 mm/sec	
■ Forza di spinta <i>Thrust force</i>	200 N	
■ Servizio <i>Type of service</i>	S2 - 4 min	
■ Temp min-max	-5°C / +50°C	IP44

RAYWIN R20

	PRODUCT CODE	DESCRIPTION			C.C.	€
R20/300 230V basic	MR20 S1 30H 0G 00	■ RAYWIN 200N C=300 SINGOLO 230V RAL7035	1	1,9	8B	138,86
R20/300 24V basic	MR20 S1 30L 0G 00	■ RAYWIN 200N C=300 SINGOLO 24V RAL7035	1	1,9	8B	131,44



- SOFT START & STOP
- Rilevamento ostacoli | *Obstacle detection*
- Fine corsa per assorbimento | *Stroke limit - resistance*

■ Velocità a vuoto <i>Speed at no load</i>	12 mm/sec	
■ Forza di spinta <i>Thrust force</i>	450 N	
■ Servizio <i>Type of service</i>	S2 - 4 min	
■ Temp min-max	-5°C / +50°C	IP44

RAYWIN R45

	PRODUCT CODE	DESCRIPTION			C.C.	€
R45/200 230V basic	MR45 S1 20H 0G 00	■ RAYWIN 450N C=200 SINGOLO 230V RAL7035	1	1,9	8B	140,98
R45/300 230V basic	MR45 S1 30H 0G 00	■ RAYWIN 450N C=300 SINGOLO 230V RAL7035	1	1,9	8B	140,98
R45/400 230V basic	MR45 S1 40H 0G 00	■ RAYWIN 450N C=400 SINGOLO 230V RAL7035	1	2,3	8B	144,16
R45/200 24V basic	MR45 S1 20L 0G 00	■ RAYWIN 450N C=200 SINGOLO 24V RAL7035	1	1,9	8B	133,56
R45/300 24V basic	MR45 S1 30L 0G 00	■ RAYWIN 450N C=300 SINGOLO 24V RAL7035	1	1,9	8B	133,56
R45/400 24V basic	MR45 S1 40L 0G 00	■ RAYWIN 450N C=400 SINGOLO 24V RAL7035	1	2,3	8B	136,74



- Collegamento senza centralina | *Without control unit*
- SOFT START & STOP
- Rilevamento ostacoli | *Obstacle detection*
- Fine corsa per assorbimento | *Stroke limit - resistance*

- Velocità a vuoto | *Speed at no load* 12 mm/sec
- Forza di spinta | *Thrust force* 600 N
- Servizio | *Type of service* S2 - 4 min
- Temp min-max -5°C / +50°C

IP44

RAYWIN R60

	PRODUCT CODE	DESCRIPTION			C.C.	€
R60/300 230V basic	MR60 S1 30H 0G 00	■ RAYWIN 600N C=300 SINGOLO 230V RAL7035	1	1,9	8B	168,54
R60/500 230V basic	MR60 S1 50H 0G 00	■ RAYWIN 600N C=500 SINGOLO 230V RAL7035	1	2,3	8B	172,78
R60/300 24V basic	MR60 S1 30L 0G 00	■ RAYWIN 600N C=300 SINGOLO 24V RAL7035	1	1,9	8B	143,10
R60/500 24V basic	MR60 S1 50L 0G 00	■ RAYWIN 600N C=500 SINGOLO 24V RAL7035	1	2,3	8B	146,28

RAYWIN R60 2W-NET

	PRODUCT CODE	DESCRIPTION			C.C.	€
R60/300 230V 2W-NET	MR60 S2 30H 0G 00	■ RAYWIN 600N C=300 DOPPIO 230V RAL7035	1	3,8	8B	474,88
R60/500 230V 2W-NET	MR60 S2 50H 0G 00	■ RAYWIN 600N C=500 DOPPIO 230V RAL7035	1	4,6	8B	483,36
R60/300 24V 2W-NET	MR60 S2 30L 0G 00	■ RAYWIN 600N C=300 DOPPIO 24V RAL7035	1	3,8	8B	419,76
R60/500 24V 2W-NET	MR60 S2 50L 0G 00	■ RAYWIN 600N C=500 DOPPIO 24V RAL7035	1	4,6	8B	434,60



RAYWIN R60 3W-NET

	PRODUCT CODE	DESCRIPTION			C.C.	€
R60/300 230V 3W-NET	MR60 S3 30H 0G 00	■ RAYWIN 600N C=300 TRIPLO 230V RAL7035	1	5,7	8B	807,72
R60/500 230V 3W-NET	MR60 S3 50H 0G 00	■ RAYWIN 600N C=500 TRIPLO 230V RAL7035	1	6,9	8B	821,50
R60/300 24V 3W-NET	MR60 S3 30L 0G 00	■ RAYWIN 600N C=300 TRIPLO 24V RAL7035	1	5,7	8B	712,32
R60/500 24V 3W-NET	MR60 S3 50L 0G 00	■ RAYWIN 600N C=500 TRIPLO 24V RAL7035	1	6,9	8B	726,10



RAYWIN R60 4W-NET

	PRODUCT CODE	DESCRIPTION			C.C.	€
R60/300 230V 4W-NET	MR60 S4 30H 0G 00	■ RAYWIN 600N C=300 QUADRUPLO 230V RAL7035	1	7,6	8B	1.075,90
R60/500 230V 4W-NET	MR60 S4 50H 0G 00	■ RAYWIN 600N C=500 QUADRUPLO 230V RAL7035	1	9,2	8B	1.097,10
R60/300 24V 4W-NET	MR60 S4 30L 0G 00	■ RAYWIN 600N C=300 QUADRUPLO 24V RAL7035	1	7,6	8B	949,76
R60/500 24V 4W-NET	MR60 S4 50L 0G 00	■ RAYWIN 600N C=500 QUADRUPLO 24V RAL7035	1	9,2	8B	975,20





- Collegamento senza centralina | *Without control unit*
- SOFT START & STOP
- Rilevamento ostacoli | *Obstacle detection*
- Fine corsa per assorbimento | *Stroke limit - resistance*

- Velocità a vuoto | *Speed at no load* 12 mm/sec
 - Forza di spinta | *Thrust force* 600 N
 - Servizio | *Type of service* S2 - 4 min
 - Temp min-max -5°C / +50°C
- IP44

RAYWIN R60 REGULATOR

	PRODUCT CODE	DESCRIPTION			C.C.	€
R60/0-300R 230V basic	MR60 S1 03H 0G 00	■ R60/0-300R-230V REG. GRIGIO RAL7035	1	1,9	8B	202,46
R60/0-500R 230V basic	MR60 S1 05H 0G 00	■ R60/0-500R-230V REG. GRIGIO RAL7035	1	2,3	8B	207,76
R60/0-300R 24V basic	MR60 S1 03L 0G 00	■ R60/0-300R-24V REG. GRIGIO RAL7035	1	1,9	8B	171,72
R60/0-500R 24V basic	MR60 S1 05L 0G 00	■ R60/0-500R-24V REG. GRIGIO RAL7035	1	2,3	8B	175,96



AIRWIN ACCESSORIES

Attuatore elettrico a cremagliera per apertura e chiusura di Shed, lucernai, pale frangisole e cupole

Rack actuator for opening/closing SHED top-hung windows, skylights, brise soleil blades and domes



01 STAFFE DI SUPPORTO / SUPPORT BRACKETS

10 pieces x pack (2,0 Kg)

MR00 AS 01N 0G 00 € 20,140
Zincato bianco / White galvanized

02 ATTACCO PER FINESTRE / FITTING FOR WINDOWS

30 pieces x pack (2,1 Kg)

MR00 AA 01N 0G 00 € 6,890
Zincato bianco / White galvanized

04 BOCCOLE / COLLARS

10 coppie x pack (1,5 Kg)

MA00 XX 02N 0G 00 € 6,678
Zincato bianco / White galvanized

03 BARRA DI COLLEGAMENTO / CONNECTION BAR

MA00 AB 01N 0G 00 L= 895 mm per interasse 1000 mm. Zincato bianco
10 pcs x pack (6,0 Kg) for 1000 mm centre distance. White galvanized
€ 16,960

MA00 AB 02N 0G 00 L= 1395 mm per interasse 1500 mm. Zincato bianco
10 pcs x pack (10,0 Kg) for 1500 mm centre distance. White galvanized
€ 22,260

MA00 AB 03N 0G 00 L= 1895 mm per interasse 2000 mm. Zincato bianco
10 pcs x pack (13,0 Kg) for 2000 mm centre distance. White galvanized
€ 26,500

MA00 AB 04N 0G 00 L= 2395 mm per interasse 2500 mm. Zincato bianco
10 pcs x pack (17,0 Kg) for 2500 mm centre distance. White galvanized
€ 31,800

MA00 AB 05N 0G 00 L= 2985 mm per interasse 3000 mm. Zincato bianco
10 pcs x pack (20,0 Kg) for 3000 mm centre distance. White galvanized
€ 36,040

RILEVATORE DI PIOGGIA RAIN SENSOR

1 piece (0,4 Kg)

MX00 AR 01N 0G 00 € 84,800

MX00 AR 01N 0T 00 € 84,800



RILEVATORE VENTO WIND SENSOR

1 piece (0,3 Kg)

MX00 AR 02N 0G 00 € 84,800



RILEVATORE VENTO/SOLE WIND/SUN SENSOR

1 piece (0,3 Kg)

MX00 AR 02N 0T 00 € 84,800

UNITÀ DI CONTROLLO 1 USCITA MOTORE CON O SENZA RICEVENTE INTEGRATA 1 OUTLET MOTOR CONTROL UNIT WITH OR WITHOUT BUILT-IN RECEIVER

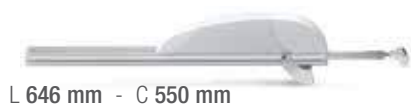
(230 Vac) 1 piece (0,2 Kg)

MX00 AU 02H 0W 00 € 84,800
Con ricevente / With receiver

MX00 AU 03H 0W 00 € 63,600
Senza ricevente / Without receiver



Aperture | Opening



- SOFT START & STOP
- Rilevamento ostacoli | *Obstacle detection*
- Fine corsa per assorbimento | *Stroke limit - resistance*

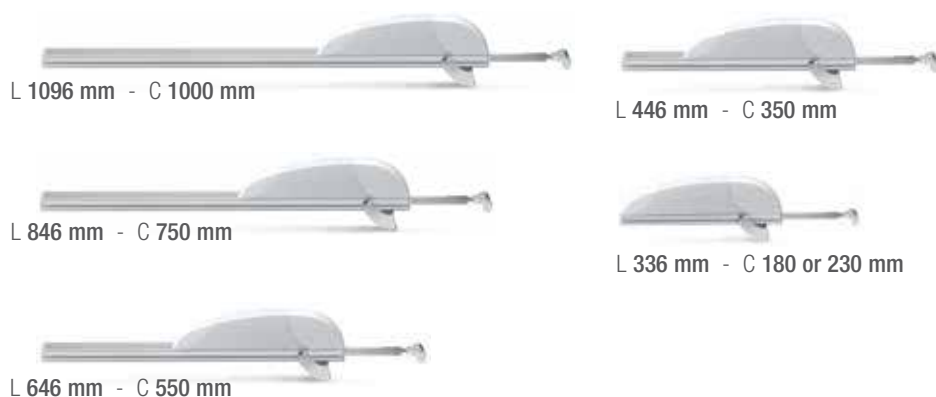
- Velocità a vuoto | *Speed at no load* 10 mm/sec
- Forza di spinta | *Thrust force* 450 N
- Servizio | *Type of service* S2 - 4 min
- Temp min-max -5°C / +50°C

IP44

AIRWIN A45

📄	PRODUCT CODE	DESCRIPTION	📄	📄	C.C.	€
A45/180 230V basic	MA45 S1 18H 0G 00	■ AIRWIN 450N C=180 SINGOLO 230V RAL7035	1	1,7	8C	109,18
A45/230 230V basic	MA45 S1 23H 0G 00	■ AIRWIN 450N C=230 SINGOLO 230V RAL7035	1	1,8	8C	111,30
A45/350 230V basic	MA45 S1 35H 0G 00	■ AIRWIN 450N C=350 SINGOLO 230V RAL7035	1	1,9	8C	113,42
A45/550 230V basic	MA45 S1 55H 0G 00	■ AIRWIN 450N C=550 SINGOLO 230V RAL7035	1	2,3	8C	121,90
A45/750 230V basic	MA45 S1 75H 0G 00	■ AIRWIN 450N C=750 SINGOLO 230V RAL7035	1	2,8	8C	134,62
A45/1000 230V basic	MA45 S1 0AH 0G 00	■ AIRWIN 450N C=1000 SINGOLO 230V RAL7035	1	3,0	8C	150,52
A45/180 24V basic	MA45 S1 18L 0G 00	■ AIRWIN 450N C=180 SINGOLO 24V RAL7035	1	1,7	8C	100,70
A45/230 24V basic	MA45 S1 23L 0G 00	■ AIRWIN 450N C=230 SINGOLO 24V RAL7035	1	1,8	8C	102,82
A45/350 24V basic	MA45 S1 35L 0G 00	■ AIRWIN 450N C=350 SINGOLO 24V RAL7035	1	1,9	8C	104,94
A45/550 24V basic	MA45 S1 55L 0G 00	■ AIRWIN 450N C=550 SINGOLO 24V RAL7035	1	2,3	8C	113,42
A45/750 24V basic	MA45 S1 75L 0G 00	■ AIRWIN 450N C=750 SINGOLO 24V RAL7035	1	2,8	8C	122,96
A45/1000 24V basic	MA45 S1 0AL 0G 00	■ AIRWIN 450N C=1000 SINGOLO 24V RAL7035	1	3,0	8C	134,62





- Collegamento senza centralina | *Without control unit*
- SOFT START & STOP
- Rilevamento ostacoli | *Obstacle detection*
- Fine corsa per assorbimento | *Stroke limit - resistance*

- Velocità a vuoto | *Speed at no load* 10 mm/sec
- Forza di spinta | *Thrust force* 650 N
- Servizio | *Type of service* S2 - 4 min
- Temp min-max -5°C / +50°C

IP44

AIRWIN A65

	PRODUCT CODE	DESCRIPTION			C.C.	€
A65/180 230V basic	MA65 S1 18H 0G 00	■ AIRWIN 650N C=180 SINGOLO 230V RAL7035	1	1,7	8C	147,34
A65/230 230V basic	MA65 S1 23H 0G 00	■ AIRWIN 650N C=230 SINGOLO 230V RAL7035	1	1,8	8C	148,40
A65/350 230V basic	MA65 S1 35H 0G 00	■ AIRWIN 650N C=350 SINGOLO 230V RAL7035	1	1,9	8C	151,58
A65/550 230V basic	MA65 S1 55H 0G 00	■ AIRWIN 650N C=550 SINGOLO 230V RAL7035	1	2,3	8C	159,00
A65/750 230V basic	MA65 S1 75H 0G 00	■ AIRWIN 650N C=750 SINGOLO 230V RAL7035	1	2,8	8C	168,54
A65/1000 230V basic	MA65 S1 0AH 0G 00	■ AIRWIN 650N C=1000 SINGOLO 230V RAL7035	1	3,0	8C	191,86
A65/180 24V basic	MA65 S1 18L 0G 00	■ AIRWIN 650N C=180 SINGOLO 24V RAL7035	1	1,7	8C	121,90
A65/230 24V basic	MA65 S1 23L 0G 00	■ AIRWIN 650N C=230 SINGOLO 24V RAL7035	1	1,8	8C	122,96
A65/350 24V basic	MA65 S1 35L 0G 00	■ AIRWIN 650N C=350 SINGOLO 24V RAL7035	1	1,9	8C	126,14
A65/550 24V basic	MA65 S1 55L 0G 00	■ AIRWIN 650N C=550 SINGOLO 24V RAL7035	1	2,3	8C	134,62
A65/750 24V basic	MA65 S1 75L 0G 00	■ AIRWIN 650N C=750 SINGOLO 24V RAL7035	1	2,8	8C	144,16
A65/1000 24V basic	MA65 S1 0AL 0G 00	■ AIRWIN 650N C=1000 SINGOLO 24V RAL7035	1	3,0	8C	166,42

AIRWIN A65 2W-NET

	PRODUCT CODE	DESCRIPTION			C.C.	€
A65/180 230V 2W-NET	MA65 S2 18H 0G 00	■ AIRWIN 650N C=180 DOPPIO 230V RAL7035	1	3,4	8C	416,58
A65/230 230V 2W-NET	MA65 S2 23H 0G 00	■ AIRWIN 650N C=230 DOPPIO 230V RAL7035	1	3,5	8C	418,70
A65/350 230V 2W-NET	MA65 S2 35H 0G 00	■ AIRWIN 650N C=350 DOPPIO 230V RAL7035	1	3,8	8C	424,00
A65/550 230V 2W-NET	MA65 S2 55H 0G 00	■ AIRWIN 650N C=550 DOPPIO 230V RAL7035	1	4,5	8C	442,02
A65/750 230V 2W-NET	MA65 S2 75H 0G 00	■ AIRWIN 650N C=750 DOPPIO 230V RAL7035	1	5,5	8C	461,10
A65/1000 230V 2W-NET	MA65 S2 0AH 0G 00	■ AIRWIN 650N C=1000 DOPPIO 230V RAL7035	1	6,0	8C	505,62
A65/180 24V 2W-NET	MA65 S2 18L 0G 00	■ AIRWIN 650N C=180 DOPPIO 24V RAL7035	1	3,4	8C	362,52
A65/230 24V 2W-NET	MA65 S2 23L 0G 00	■ AIRWIN 650N C=230 DOPPIO 24V RAL7035	1	3,5	8C	364,64
A65/350 24V 2W-NET	MA65 S2 35L 0G 00	■ AIRWIN 650N C=350 DOPPIO 24V RAL7035	1	3,8	8C	369,94
A65/550 24V 2W-NET	MA65 S2 55L 0G 00	■ AIRWIN 650N C=550 DOPPIO 24V RAL7035	1	4,5	8C	387,96
A65/750 24V 2W-NET	MA65 S2 75L 0G 00	■ AIRWIN 650N C=750 DOPPIO 24V RAL7035	1	5,5	8C	407,04
A65/1000 24V 2W-NET	MA65 S2 0AL 0G 00	■ AIRWIN 650N C=1000 DOPPIO 24V RAL7035	1	6,0	8C	450,50



AIRWIN A65 3W-NET

	PRODUCT CODE	DESCRIPTION			C.C.	€
A65/180 230V 3W-NET	MA65 S3 18H 0G 00	AIRWIN 650N C=180 TRIPLO 230V RAL7035	1	5,1	8C	708,08
A65/230 230V 3W-NET	MA65 S3 23H 0G 00	AIRWIN 650N C=230 TRIPLO 230V RAL7035	1	5,3	8C	711,26
A65/350 230V 3W-NET	MA65 S3 35H 0G 00	AIRWIN 650N C=350 TRIPLO 230V RAL7035	1	5,7	8C	720,80
A65/550 230V 3W-NET	MA65 S3 55H 0G 00	AIRWIN 650N C=550 TRIPLO 230V RAL7035	1	6,8	8C	752,60
A65/750 230V 3W-NET	MA65 S3 75H 0G 00	AIRWIN 650N C=750 TRIPLO 230V RAL7035	1	8,3	8C	781,22
A65/1000 230V 3W-NET	MA65 S3 0AH 0G 00	AIRWIN 650N C=1000 TRIPLO 230V RAL7035	1	9,0	8C	858,60
A65/180 24V 3W-NET	MA65 S3 18L 0G 00	AIRWIN 650N C=180 TRIPLO 24V RAL7035	1	5,1	8C	615,86
A65/230 24V 3W-NET	MA65 S3 23L 0G 00	AIRWIN 650N C=230 TRIPLO 24V RAL7035	1	5,3	8C	619,04
A65/350 24V 3W-NET	MA65 S3 35L 0G 00	AIRWIN 650N C=350 TRIPLO 24V RAL7035	1	5,7	8C	628,58
A65/550 24V 3W-NET	MA65 S3 55L 0G 00	AIRWIN 650N C=550 TRIPLO 24V RAL7035	1	6,8	8C	659,32
A65/750 24V 3W-NET	MA65 S3 75L 0G 00	AIRWIN 650N C=750 TRIPLO 24V RAL7035	1	8,3	8C	693,24
A65/1000 24V 3W-NET	MA65 S3 0AL 0G 00	AIRWIN 650N C=1000 TRIPLO 24V RAL7035	1	9,0	8C	766,38



AIRWIN A65 4W-NET

	PRODUCT CODE	DESCRIPTION			C.C.	€
A65/180 230V 4W-NET	MA65 S4 18H 0G 00	AIRWIN 650N C=180 QUADRUPLO 230V RAL7035	1	6,8	8C	943,40
A65/230 230V 4W-NET	MA65 S4 23H 0G 00	AIRWIN 650N C=230 QUADRUPLO 230V RAL7035	1	7,0	8C	948,70
A65/350 230V 4W-NET	MA65 S4 35H 0G 00	AIRWIN 650N C=350 QUADRUPLO 230V RAL7035	1	7,6	8C	961,42
A65/550 230V 4W-NET	MA65 S4 55H 0G 00	AIRWIN 650N C=550 QUADRUPLO 230V RAL7035	1	9,0	8C	1.001,70
A65/750 230V 4W-NET	MA65 S4 75H 0G 00	AIRWIN 650N C=750 QUADRUPLO 230V RAL7035	1	11,0	8C	1.044,10
A65/1000 230V 4W-NET	MA65 S4 0AH 0G 00	AIRWIN 650N C=1000 QUADRUPLO 230V RAL7035	1	12,0	8C	1.144,80
A65/180 24V 4W-NET	MA65 S4 18L 0G 00	AIRWIN 650N C=180 QUADRUPLO 24V RAL7035	1	6,8	8C	820,44
A65/230 24V 4W-NET	MA65 S4 23L 0G 00	AIRWIN 650N C=230 QUADRUPLO 24V RAL7035	1	7,0	8C	824,68
A65/350 24V 4W-NET	MA65 S4 35L 0G 00	AIRWIN 650N C=350 QUADRUPLO 24V RAL7035	1	7,6	8C	838,46
A65/550 24V 4W-NET	MA65 S4 55L 0G 00	AIRWIN 650N C=550 QUADRUPLO 24V RAL7035	1	9,0	8C	877,68
A65/750 24V 4W-NET	MA65 S4 75L 0G 00	AIRWIN 650N C=750 QUADRUPLO 24V RAL7035	1	11,0	8C	921,14
A65/1000 24V 4W-NET	MA65 S4 0AL 0G 00	AIRWIN 650N C=1000 QUADRUPLO 24V RAL7035	1	12,0	8C	1.022,90



L 1096 mm - C 1000 mm



L 446 mm - C 350 mm



L 846 mm - C 750 mm



L 336 mm - C 180 or 230 mm



L 646 mm - C 550 mm

Temp min-max

-5°C / +50°C

IP44

AIRWIN A MECH

	PRODUCT CODE	DESCRIPTION			C.C.	€
A180 MECH	MA00 MC 18N 0G 00	AIRWIN SOLO MECC. C=180 GRIGIO RAL7035	2	1,8	8C	44,520
A230 MECH	MA00 MC 23N 0G 00	AIRWIN SOLO MECC. C=230 GRIGIO RAL7035	2	2,0	8C	45,050
A350 MECH	MA00 MC 35N 0G 00	AIRWIN SOLO MECC. C=350 GRIGIO RAL7035	2	2,4	8C	48,230
A550 MECH	MA00 MC 55N 0G 00	AIRWIN SOLO MECC. C=550 GRIGIO RAL7035	2	3,1	8C	56,180
A750 MECH	MA00 MC 75N 0G 00	AIRWIN SOLO MECC. C=750 GRIGIO RAL7035	2	3,8	8C	65,720
A1000 MECH	MA00 MC 0AN 0G 00	AIRWIN SOLO MECC. C=1000 GRIGIO RAL7035	2	4,6	8C	85,860

SHOWIN ACCESSORIES

Attuatore elettrico tubolare per l'apertura e la chiusura di tapparelle, tende esterne, tende oscuranti, tende filtranti e zanzariere

Tubular motor for opening/closing roller shutters, sun awnings, blinds, sunscreens and mosquito screens



Accessori disponibili per tutti i modelli Showin

Accessories available for all Showin models

OCCHIOLO ESAGONO / EYELET

10 pieces per pack (0,6 Kg)

MS00 XX 01N 0G 00 € 5,830

Occhio esagono 7 x 80 mm con manovra di soccorso
Eyelet with 7 x 80 mm hexagon with manual override



OCCHIOLO SNODO 45° / 45° JOINT EYELET

10 pieces per pack (3,4 Kg)

MS00 XX 02N 0G 00 € 32,860

Occhio snodo 45° con manovra di soccorso
45° joint eyelet with manual override



OCCHIOLO SNODO 90° / 90° JOINT EYELET

10 pieces per pack (3,6 Kg)

MS00 XX 03N 0G 00 € 54,060

Occhio snodo 90° con manovra di soccorso
90° joint eyelet with manual override



ASTA MANUALE FISSA CON GANCIO / FIXED MANUAL CRANK WITH HOOK

MS00 XX 04N 0G 00 L= 1500mm con manovra di soccorso / with manual override
1 pieces per pack (0,7 Kg) € 23,320

MS00 XX 05N 0G 00 L= 1800mm con manovra di soccorso / with manual override
1 pieces per pack (0,8 Kg) € 23,850



ASTA MANUALE ARTICOLATA CON GANCIO / FOLDABLE MANUAL CRANK WITH HOOK

MS00 XX 06N 0G 00 L= 1800mm con manovra di soccorso / with manual override
1 pieces per pack (0,7 Kg) € 24,910



RILEVATORE DI PIOGGIA RAIN SENSOR

1 piece (0,4 Kg)

MX00 AR 01N 0G 00
€ 84,800

MX00 AR 01N 0T 00
€ 84,800



RILEVATORE VENTO WIND SENSOR

1 piece (0,3 Kg)

MX00 AR 02N 0G 00
€ 84,800



RILEVATORE VENTO/SOLE WIND/SUN SENSOR

1 piece (0,3 Kg)

MX00 AR 02N 0T 00
€ 84,800



UNITÀ DI CONTROLLO 1 USCITA MOTORE CON O SENZA RICEVENTE INTEGRATA 1 OUTLET MOTOR CONTROL UNIT WITH OR WITHOUT BUILT-IN RECEIVER

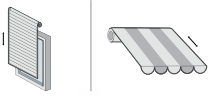
(230 Vac) 1 piece (0,2 Kg)

MX00 AU 02H 0W 00 € 84,800
Con ricevente / With receiver

MX00 AU 03H 0W 00 € 63,600
Senza ricevente / Without receiver



Aperture | Opening



- Rilevamento ostacoli | *Obstacle detection*
- Servizio | *Type of service* S2 - 4 min
- Temp min-max -5°C / +50°C

IP44

SHOWIN S35 Ø35mm

	PRODUCT CODE	DESCRIPTION			C.C.	€
S35 6N 230V	MS35 SM 06H 0B 00	SHOWIN MOTORIDUTTORE Ø35 6NM	1	1,4	8D	104,41
S35 10N 230V	MS35 SM 10H 0B 00	SHOWIN MOTORIDUTTORE Ø35 10NM	1	1,4	8D	111,30

SHOWIN S35 Accessories

PULEGGIA / ADAPTER

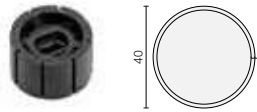
1 pieces per pack (0,3 Kg)

MS35 AP 01N 0B 00 € 2,420
Puleggia/corona per tubo ottagonale Ø40
Male/female adapter for Ø40 mm octagonal tube



10 pieces per pack (0,3 Kg)

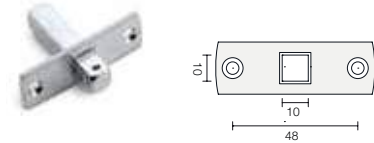
MS35 AP 02N 0B 00 € 3,18
Puleggia/corona per tubo tondo Ø40
Male/female adapter for Ø40 mm round tube



STAFFA CON PERNO QUADRO / BRACKET WITH ROUND PIN

10 pieces per pack (0,76 Kg)

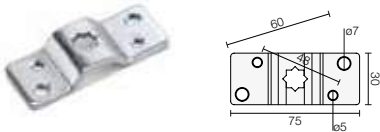
MS45 AS 01N 0G 00 € 2,968
Staffa con perno quadro - Zincato Bianco
Bracket with round pin - White Galvanized



STAFFE DI SUPPORTO. ZINCATO BIANCO / SUPPORT BRACKETS. WHITE GALVANIZED

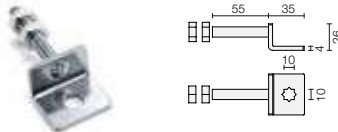
10 pieces per pack (0,65 Kg)

MS45 AS 02N 0G 00 € 3,180
Staffa di supporto max 50Nm interasse 48 mm
Support bracket, max 50Nm centre distance 48 mm



10 pieces per pack (2,50 Kg)

MS45 AS 04N 0G 00 € 3,710
Staffa di supporto regolabile a vite
Screw-adjustable support bracket



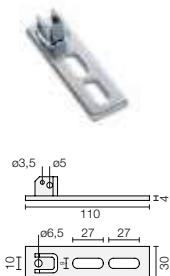
10 pieces per pack (2,62 Kg)

MS45 AS 05N 0G 00 € 10,070
Staffa di supporto quadra
Square section support bracket



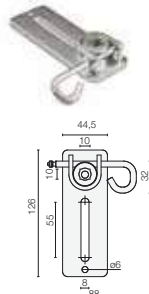
10 pieces per pack (1,00 Kg)

MS45 AS 06N 0G 00 € 5,088
Staffa di supporto regolabile asola zincata
Adjustable support bracket



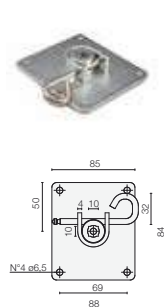
10 pieces per pack (1,00 Kg)

MS45 AS 07N 0G 00 € 9,964
Staffa di supporto regolare c/copiglia zincata
Support bracket



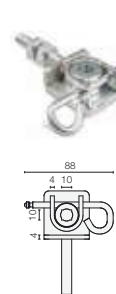
10 pieces per pack (1,00 Kg)

MS45 AS 08N 0G 00 € 13,091
Staffa di supporto quadra c/copiglia zincata
Support bracket



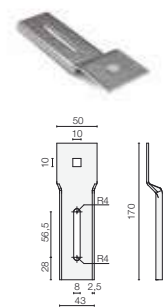
10 pieces per pack (1,00 Kg)

MS45 AS 09N 0G 00 € 13,250
Staffa di supporto regolare c/copiglia zincata
Support bracket



10 pieces per pack (1,00 Kg)

MS45 AS 10N 0G 00 € 5,088
Staffa di supporto a bandiera c/copiglia zincata
Support bracket





- Rilevamento ostacoli | **Obstacle detection**
- Servizio | *Type of service* **S2 - 4 min**
- Temp min-max **-5°C / +50°C**

IP44

SHOWIN S45 Ø45mm

📄	PRODUCT CODE	DESCRIPTION	📦	⚖️	C.C.	€	
	S45 10N 230V	MS45 SM 10H 0B 00	SHOWIN MOTORIDUTTORE Ø45 10NM	1	2,2	8D	63,600
	S45 20N 230V	MS45 SM 20H 0B 00	SHOWIN MOTORIDUTTORE Ø45 20NM	1	2,3	8D	63,600
	S45 30N 230V	MS45 SM 30H 0B 00	SHOWIN MOTORIDUTTORE Ø45 30NM	1	2,7	8D	73,140
	S45 40N 230V	MS45 SM 40H 0B 00	SHOWIN MOTORIDUTTORE Ø45 40NM	1	2,8	8D	76,320
	S45 50N 230V	MS45 SM 50H 0B 00	SHOWIN MOTORIDUTTORE Ø45 50NM	1	2,9	8D	83,740
	S45 20N M/S 230V	MS45 MM 20H 0B 00	SHOWIN MOTORIDUTTORE M/SOC Ø45 20NM	1	3,0	8D	100,70
	S45 30N M/S 230V	MS45 MM 30H 0B 00	SHOWIN MOTORIDUTTORE M/SOC Ø45 30NM	1	3,0	8D	103,88
	S45 40N M/S 230V	MS45 MM 40H 0B 00	SHOWIN MOTORIDUTTORE M/SOC Ø45 40NM	1	3,0	8D	108,12
	S45 50N M/S 230V	MS45 MM 50H 0B 00	SHOWIN MOTORIDUTTORE M/SOC Ø45 50NM	1	3,0	8D	114,48
	S45 20N C/RIC 230V	MS45 RM 20H 0B 00	SHOWIN MOTORIDUTTORE C/RIC Ø45 20NM	1	2,5	8D	163,24
	S45 30N C/RIC 230V	MS45 RM 30H 0B 00	SHOWIN MOTORIDUTTORE C/RIC Ø45 30NM	1	2,5	8D	168,54
	S45 40N C/RIC 230V	MS45 RM 40H 0B 00	SHOWIN MOTORIDUTTORE C/RIC Ø45 40NM	1	2,5	8D	174,90
	S45 50N C/RIC 230V	MS45 RM 50H 0B 00	SHOWIN MOTORIDUTTORE C/RIC Ø45 50NM	1	2,5	8D	186,56

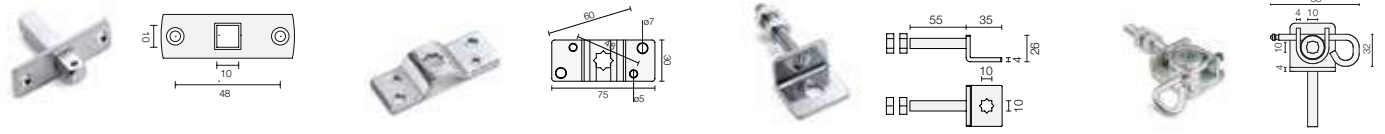
SHOWIN S45 Accessories

PULEGGIA / ADAPTER

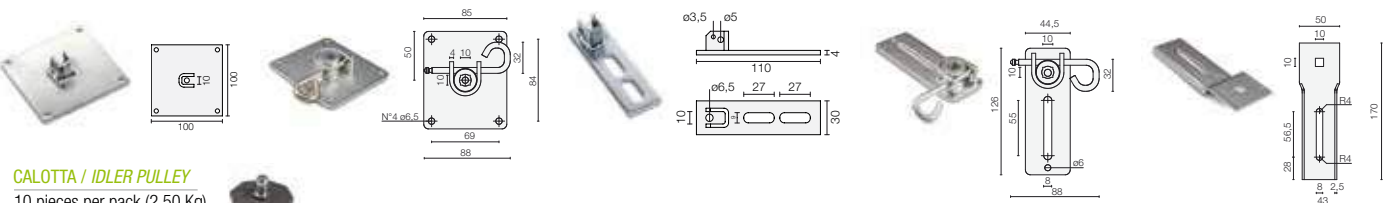
<p>A</p>  <p>10 pieces per pack (0,8 Kg) MS45 AP 01N 0B 00 € 4,452 Puleggia/corona per tubo ottagonale Male/female adapter for octagonal tube</p>	<p>B</p>  <p>10 pieces per pack (1,9 Kg) MS45 AP 02N 0B 00 € 4,452 Puleggia/corona per tubo ottagonale Ø60 mm Male/female adapter for Ø60 mm octagonal tube</p>	<p>C</p>  <p>10 pieces per pack (2,0 Kg) MS45 AP 03N 0B 00 € 4,240 Puleggia/corona per tubo ottagonale Ø70 mm Male/female adapter for Ø70 mm octagonal tube</p>	<p>D</p>  <p>10 pieces per pack (0,9 Kg) MS45 AP 04N 0B 00 € 4,240 Puleggia/corona per tubo a stella Ø60 mm Male/female adapter for Ø60 mm star-section tube</p>	<p>E</p>  <p>10 pieces per pack (1,1 Kg) MS45 AP 06N 0B 00 € 5,830 Puleggia per ogiva Ø70 mm Male/female adapter for Ø70 mm tube with groove</p>	<p>F</p>  <p>10 pieces per pack (1,5 Kg) MS45 AP 05N 0B 00 € 6,890 Puleggia per ogiva Ø78 mm Male/female adapter for Ø78 mm tube with groove</p>
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STAFFE DI SUPPORTO. ZINCATO BIANCO / SUPPORT BRACKETS. WHITE GALVANIZED

<p>10 pieces per pack (0,7 Kg) MS45 AS 01N 0G 00 € 2,968 Staffa con perno quadro Bracket with round pin</p>	<p>10 pieces per pack (0,6 Kg) MS45 AS 02N 0G 00 € 3,180 Staffa di supporto max 50Nm interasse 48 mm Support bracket, max 50Nm centre distance 48 mm</p>	<p>10 pieces per pack (1,1 Kg) MS45 AS 04N 0G 00 € 3,710 Staffa di supporto regolabile a vite Screw-adjustable support bracket</p>	<p>10 pieces per pack (2,5 Kg) MS45 AS 09N 0G 00 € 13,250 Staffa di supporto Support bracket</p>
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<p>10 pieces per pack (2,4 Kg) MS45 AS 05N 0G 00 € 10,070 Staffa di supporto quadra Square section support bracket</p>	<p>10 pieces per pack (3,00 Kg) MS45 AS 08N 0G 00 € 13,091 Staffa di supporto Support bracket</p>	<p>10 pieces per pack (1,0 Kg) MS45 AS 06N 0G 00 € 5,088 Staffa di supporto regolabile Adjustable support bracket</p>	<p>10 pieces per pack (2,2 Kg) MS45 AS 07N 0G 00 € 9,964 Staffa di supporto Support bracket</p>	<p>10 pieces per pack (0,6 Kg) MS45 AS 10N 0G 00 € 5,088 Staffa di supporto Support bracket</p>
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CALOTTA / IDLER PULLEY

10 pieces per pack (2,50 Kg)
MS45 AP 07N 0B 00
€ 9,964





- Rilevamento ostacoli | *Obstacle detection*
- Servizio | *Type of service* S2 - 4 min
- Temp min-max -5°C / +50°C

IP44

SHOWIN S59 Ø59mm

	PRODUCT CODE	DESCRIPTION			C.C.	€
S59 80N 230V	MS59 SM 80H 0B 00	SHOWIN MOTORIDUTTORE Ø59 80NM	1	5,7	8D	254,40
S59 100N 230V	MS59 SM 0AH 0B 00	SHOWIN MOTORIDUTTORE M/SOC Ø59 80NM	1	5,7	8D	323,30
S59 80N M/S 230V	MS59 MM 80H 0B 00	SHOWIN MOTORIDUTTORE Ø59 100NM	1	6,0	8D	259,70
S59 100N M/S 230V	MS59 MM 0AH 0B 00	SHOWIN MOTORIDUTTORE M/SOC Ø59 100NM	1	6,0	8D	330,72

SHOWIN S59 Accessories

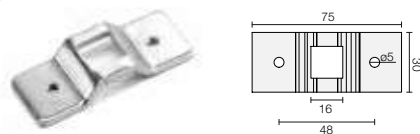
STAFFA DI SUPPORTO / SUPPORT BRACKET

10 pieces per pack (0,6 Kg)

MS59 AS 03N 0G 00 € 3,180

Staffa di supporto max 100Nm interasse 48 mm - Zincato Bianco

Support bracket, max 100Nm centre distance 48 mm - White Galvanized



STAFFA DI SUPPORTO / SUPPORT BRACKET

10 pieces per pack (3,5 Kg)

MS59 AS 04N 0G 00 € 10,070

Staffa di supporto quadra - Zincato Bianco

Square section support bracket - White Galvanized



STAFFA DI SUPPORTO / SUPPORT BRACKET

10 pieces per pack (2,0 Kg)

MS59 AP 01N 0B 00 € 5,830

Puleggia/corona per tubo ottagonale Ø70

Male/female adapter for Ø70 mm octagonal tube



STAFFA DI SUPPORTO / SUPPORT BRACKET

10 pieces per pack (2,0 Kg)

MS59 AP 02N 0B 00 € 6,890

Puleggia/corona per ogiva Ø78

Male/female adapter for Ø78 mm tube with groove



REMOTE CONTROL



Mowin® R-Control è il trasmettitore a radio frequenza (434,15 Mhz) capace di attivare tutte le automazioni su sei canali e garantire la gestione di gruppi multipli.

The Mowin® R-Control radio transmitter (434.15 Mhz) runs all automated systems over 6 channels so as to guarantee efficient management of multiple groups.



White



Yellow



Green



Blue



Grey



Orange

	PRODUCT CODE	DESCRIPTION			C.C.	€
R1 CONTROL	MX00 AT 01N 0W 00	RADIOCOMANDO AD 1 CANALE BIANCO	1	0,09	8V	58,300
R6 CONTROL	MX00 AT 06N 0W 00	RADIOCOMANDO AD 6 CANALI BIANCO	1	0,09	8V	68,900
R1 CONTROL	MX00 AT 01N YW 00	RADIOCOMANDO AD 1 CANALE GIALLO	1	0,09	8V	58,300
R6 CONTROL	MX00 AT 06N YW 00	RADIOCOMANDO AD 6 CANALI GIALLO	1	0,09	8V	68,900
R1 CONTROL	MX00 AT 01N VW 00	RADIOCOMANDO AD 1 CANALE VERDE	1	0,09	8V	58,300
R6 CONTROL	MX00 AT 06N VW 00	RADIOCOMANDO AD 6 CANALI VERDE	1	0,09	8V	68,900
R1 CONTROL	MX00 AT 01N BW 00	RADIOCOMANDO AD 1 CANALE BLU	1	0,09	8V	58,300
R6 CONTROL	MX00 AT 06N BW 00	RADIOCOMANDO AD 6 CANALI BLU	1	0,09	8V	68,900
R1 CONTROL	MX00 AT 01N GW 00	RADIOCOMANDO AD 1 CANALE GRIGIO	1	0,09	8V	58,300
R6 CONTROL	MX00 AT 06N GW 00	RADIOCOMANDO AD 6 CANALI GRIGIO	1	0,09	8V	68,900
R1 CONTROL	MX00 AT 01N AW 00	RADIOCOMANDO AD 1 CANALE ARANCIONE	1	0,09	8V	58,300
R6 CONTROL	MX00 AT 06N AW 00	RADIOCOMANDO AD 6 CANALI ARANCIONE	1	0,09	8V	68,900

WBUS

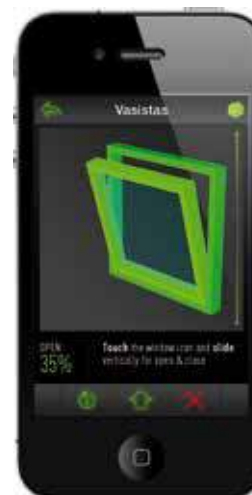


WBUS GATE è un dispositivo di telecontrollo wireless con web server integrato, basato su rete cellulare dati GSM / GPRS / HSPA e LAN, WLAN che consente il monitoraggio continuo non presidiato di grandezze elettriche di processo ed il comando remoto degli attuatori elettrici WBUS ed altri sistemi elettronici.

WBUS GATE is a wireless remote monitoring device with an integrated web server capable of working over GSM / GPRS / HSPA cellular and LAN / WLAN data networks. The unit provides fully-automated constant monitoring over electrical process parameters as well as the remote control of WBUS electronic actuators and other electronic systems.



MOWIN
OPENAPP



L'OpenAPP consente all'utente di comunicare con la centrale di controllo WBUS GATE collegata nel proprio impianto WBUS.
Users can communicate with the WBUS GATE control unit connected to their WBUS system via the OpenAPP application.

WBUS

	PRODUCT CODE	DESCRIPTION			C.C.	€
ACCESSORI	MX00 WB 03H 0B 00	UNITA' CONTROLLO WBUS LAN+2G NERA	1	0,8	8V	3.085,00
ACCESSORI	MX00 WB 04H 0B 00	UNITA' CONTROLLO WBUS LANI+2G+WIFI NERA	1	0,8	8V	3.462,00
ACCESSORI	MX00 WB 05H 0B 00	UNITA' CONTROLLO WBUS LAN+3G NERA	1	0,8	8V	3.433,00
ACCESSORI	MX00 WB 06H 0B 00	UNITA' CONTROLLO WBUS LAN+3G+WIFI NERA	1	0,8	8V	3.810,00
ACCESSORI	MX00 WB 07H 0B 00	UNITA' CONTROLLO WBUS LAN+DUAL/2G NERA	1	0,8	8V	3.578,00
ACCESSORI	MX00 WB 08H 0B 00	UNITA' CONTROLLO WBUS LAN+DUAL/2G+WIFI NERA	1	0,8	8V	3.955,00
ACCESSORI	MX00 WB 09H 0B 00	SCHEDA WBUS R-230 COLLEGAMENTO MOTORI 230V	1	0,14	8V	100,00



LIWIN 350N WBUS 230V

	PRODUCT CODE	DESCRIPTION			C.C.	€
L35 230V WBUS 230V	ML35 WB 40H 0B 00	■ LIWIN 350N WBUS 230V NERO RAL9005	1	1,2	8A	187,00
L35 230V WBUS 230V	ML35 WB 40H 0G 00	■ LIWIN 350N WBUS 230V GRIGIO RAL7035	1	1,2	8A	187,00
L35 230V WBUS 230V	ML35 WB 40H 0W 00	□ LIWIN 350N WBUS 230V BIANCO RAL9010	1	1,2	8A	187,00

LIWIN 350N WBUS RADIO

	PRODUCT CODE	DESCRIPTION			C.C.	€
L35 230V WBUS+R	ML35 RB 40H 0B 00	■ LIWIN 350N WBUS 230V RADIO NERO RAL9005	1	1,2	8A	229,00
L35 230V WBUS+R	ML35 RB 40H 0W 00	■ LIWIN 350N WBUS 230V RADIO GRIGIO RAL7035	1	1,2	8A	229,00
L35 230V WBUS+R	ML35 RB 40H 0G 00	□ LIWIN 350N WBUS 230V RADIO BIANCO RAL9010	1	1,2	8A	229,00

LIWIN 350N WBUS 24V

	PRODUCT CODE	DESCRIPTION			C.C.	€
L35 24V WBUS	ML35 WB 40L 0B 00	■ LIWIN 350N WBUS 24V NERO RAL9005	1	1,2	8A	176,00
L35 24V WBUS	ML35 WB 40L 0W 00	■ LIWIN 350N WBUS 24V GRIGIO RAL7035	1	1,2	8A	176,00
L35 24V WBUS	ML35 WB 40L 0G 00	□ LIWIN 350N WBUS 24V BIANCO RAL9010	1	1,2	8A	176,00

LIWIN 350N WBUS 24V RADIO

	PRODUCT CODE	DESCRIPTION			C.C.	€
L35 24V WBUS+R	ML35 RB 40L 0G 00	■ LIWIN 350N WBUS 24V RADIO NERO RAL9005	1	1,2	8A	229,00
L35 24V WBUS+R	ML35 RB 40L 0B 00	■ LIWIN 350N WBUS 24V RADIO GRIGIO RAL7035	1	1,2	8A	229,00
L35 24V WBUS+R	ML35 RB 40L 0W 00	□ LIWIN 350N WBUS 24V RADIO BIANCO RAL9010	1	1,2	8A	229,00



AIRWIN 650N WBUS 230V

	PRODUCT CODE	DESCRIPTION			C.C.	€
A65/180 230V WBUS	MA65 WB 18H 0G 00	■ AIRWIN 650N C=180 WBUS 230V GRIGIO RAL7035	1	1,7	8C	301,00
A65/230 230V WBUS	MA65 WB 23H 0G 00	■ AIRWIN 650N C=230 WBUS 230V GRIGIO RAL7035	1	1,75	8C	308,68
A65/350 230V WBUS	MA65 WB 35H 0G 00	■ AIRWIN 650N C=350 WBUS 230V GRIGIO RAL7035	1	1,9	8C	313,78
A65/550 230V WBUS	MA65 WB 55H 0G 00	■ AIRWIN 650N C=550 WBUS 230V GRIGIO RAL7035	1	2,25	8C	317,11
A65/750 230V WBUS	MA65 WB 75H 0G 00	■ AIRWIN 650N C=750 WBUS 230V GRIGIO RAL7035	1	2,75	8C	320,16
A65/1000 230V WBUS	MA65 WB 0AH 0G 00	■ AIRWIN 650N C=1000 WBUS 230V GRIGIO RAL7035	1	3,0	8C	332,56

AIRWIN 650N WBUS 230V RADIO

	PRODUCT CODE	DESCRIPTION			C.C.	€
A65/180 230V WBUS+R	MA65 RB 18H 0G 00	■ AIRWIN 650N C=180 WBUS 230V RADIO GRIGIO RAL7035	1	1,7	8C	341,04
A65/230 230V WBUS+R	MA65 RB 23H 0G 00	■ AIRWIN 650N C=230 WBUS 230V RADIO GRIGIO RAL7035	1	1,75	8C	349,65
A65/350 230V WBUS+R	MA65 RB 35H 0G 00	■ AIRWIN 650N C=350 WBUS 230V RADIO GRIGIO RAL7035	1	1,9	8C	354,75
A65/550 230V WBUS+R	MA65 RB 55H 0G 00	■ AIRWIN 650N C=550 WBUS 230V RADIO GRIGIO RAL7035	1	2,25	8C	358,07
A65/750 230V WBUS+R	MA65 RB 75H 0G 00	■ AIRWIN 650N C=750 WBUS 230V RADIO GRIGIO RAL7035	1	2,75	8C	360,57
A65/1000 230V WBUS+R	MA65 RB 0AH 0G 00	■ AIRWIN 650N C=1000 WBUS 230V RADIO GRIGIO RAL7035	1	3,0	8C	373,52

AIRWIN 650N WBUS 24V

	PRODUCT CODE	DESCRIPTION			C.C.	€
A65/180 24V WBUS	MA65 WB 18L 0G 00	AIRWIN 650N C=180 WBUS 24V GRIGIO RAL7035	1	1,7	8C	296,01
A65/230 24V WBUS	MA65 WB 23L 0G 00	AIRWIN 650N C=230 WBUS 24V GRIGIO RAL7035	1	1,75	8C	304,62
A65/350 24V WBUS	MA65 WB 35L 0G 00	AIRWIN 650N C=350 WBUS 24V GRIGIO RAL7035	1	1,9	8C	309,72
A65/550 24V WBUS	MA65 WB 55L 0G 00	AIRWIN 650N C=550 WBUS 24V GRIGIO RAL7035	1	2,25	8C	313,05
A65/750 24V WBUS	MA65 WB 75L 0G 00	AIRWIN 650N C=750 WBUS 24V GRIGIO RAL7035	1	2,75	8C	315,55
A65/1000 24V WBUS	MA65 WB 0AL 0G 00	AIRWIN 650N C=1000 WBUS 24V GRIGIO RAL7035	1	3,0	8C	328,50

AIRWIN 650N WBUS 24V RADIO

	PRODUCT CODE	DESCRIPTION			C.C.	€
A65/180 24V WBUS+R	MA65 RB 18L 0G 00	AIRWIN 650N C=180 WBUS 24V RADIO GRIGIO RAL7035	1	1,7	8C	336,98
A65/230 24V WBUS+R	MA65 RB 23L 0G 00	AIRWIN 650N C=230 WBUS 24V RADIO GRIGIO RAL7035	1	1,75	8C	345,59
A65/350 24V WBUS+R	MA65 RB 35L 0G 00	AIRWIN 650N C=350 WBUS 24V RADIO GRIGIO RAL7035	1	1,9	8C	350,69
A65/550 24V WBUS+R	MA65 RB 55L 0G 00	AIRWIN 650N C=550 WBUS 24V RADIO GRIGIO RAL7035	1	2,25	8C	354,01
A65/750 24V WBUS+R	MA65 RB 75L 0G 00	AIRWIN 650N C=750 WBUS 24V RADIO GRIGIO RAL7035	1	2,75	8C	356,51
A65/1000 24V WBUS+R	MA65 RB 0AL 0G 00	AIRWIN 650N C=1000 WBUS 24V RADIO GRIGIO RAL7035	1	3,0	8C	369,46



RAYWIN 600N WBUS 230V

	PRODUCT CODE	DESCRIPTION			C.C.	€
R60-300 230V WBUS	MR60 WB 30H 0G 00	RAYWIN 600N C=300 WBUS 230V GRIGIO RAL7035	1	1,9	8B	264,22
R60-500 230V WBUS	MR60 WB 50H 0G 00	RAYWIN 600N C=500 WBUS 230V GRIGIO RAL7035	1	2,3	8B	275,00

RAYWIN 600N WBUS 230V RADIO

	PRODUCT CODE	DESCRIPTION			C.C.	€
R60-300 230V WBUS+R	MR60 RB 30H 0G 00	RAYWIN 600N C=300 WBUS 230V RADIO GRIGIO RAL7035	1	1,9	8B	305,19
R60-500 230V WBUS+R	MR60 RB 50H 0G 00	RAYWIN 600N C=500 WBUS 230V RADIO GRIGIO RAL7035	1	2,3	8B	315,78

RAYWIN 600N WBUS 24V

	PRODUCT CODE	DESCRIPTION			C.C.	€
R60-300 24V WBUS	MR60 WB 30L 0G 00	RAYWIN 600N C=300 WBUS 24V GRIGIO RAL7035	1	1,9	8B	254,77
R60-500 24V WBUS	MR60 WB 50L 0G 00	RAYWIN 600N C=500 WBUS 24V GRIGIO RAL7035	1	2,3	8B	265,00

RAYWIN 600N WBUS 24V RADIO

	PRODUCT CODE	DESCRIPTION			C.C.	€
R60-300 24V WBUS+R	MR60 RB 30L 0G 00	RAYWIN 600N C=300 WBUS 24V RADIO GRIGIO RAL7035	1	1,9	8B	295,73
R60-500 24V WBUS+R	MR60 RB 50L 0G 00	RAYWIN 600N C=500 WBUS 24V RADIO GRIGIO RAL7035	1	2,3	8B	305,00

GATE

CODE	ART.	CAT.	PAG.
10100505 001	2	1C	34
10100610 001	2C	1C	34
10100615 001	2C	1C	34
10101005 001	4	1C	34
10101110 001	4C	1C	34
10101115 001	4C	1C	34
10102005 001	8	1C	34
10102110 001	8C	1C	34
10102115 001	8C	1C	35
10102505 001	10	1C	35
10102610 001	10C	1C	35
10102615 001	10C	1C	35
10103110 001	14C	1C	35
10103115 001	14C	1C	35
10103610 001	16C	1C	35
10103615 001	16C	1C	35
10104610 001	20C	1C	35
10104615 001	20C	1C	35
10605005 001	22	1L	35
10605000 001	22	1L	35
10605010 001	22	1L	35
10605505 001	23	1I	36
10605500 001	23	1I	36
10605510 001	23	1I	36
10200505 001	24	1I	36
10200510 001	24	1I	36
10200515 001	24	1I	36
10300505 001	26	1L	36
10300510 001	26	1L	36
10301005 001	28	1L	36
10301010 001	28	1L	36
10301505 001	30-25	1L	36
10400505 001	32-34	1L	36
10500505 001	34-M12	1L	37
10500510 001	34-M20	1L	37
10302005 001	36-25	1L	37
10302010 001	36-30	1L	37
10105505 001	38-24	1C	37
10106005 001	39-24	1C	37
10106505 001	40-24	1C	37
10107005 001	41-24	1C	37
10501005 001	42 P	1L	38
10501010 001	42 G	1L	38
10107505 001	43-24	1C	38
10108005 001	44-24	1C	38
10108505 001	46-24	1C	38
10109005 001	48-24	1C	38
10109505 001	50-24	1C	38
10110005 001	52-24	1C	39
10110505 001	54-24	1C	39
10111005 001	56-24	1C	39
10111505 001	60-24	1C	39
11210020	73-10	1N	39
11210025	73-20	1N	39

CODE	ART.	CAT.	PAG.
11210030	73-30	1N	39
11210005	73-40	1N	39
11210010	73-50	1N	39
11210015	73-60	1N	39
11210020 503	73-10	1N	39
11210025 503	73-20	1N	39
11210030 503	73-30	1N	39
11210005 503	73-40	1N	39
11210010 503	73-50	1N	39
11210015 503	73-60	1N	39
11210520	74-10	1N	39
11210525	74-20	1N	39
11210530	74-30	1N	39
11210505	74-40	1N	39
11210510	74-50	1N	39
11210515	74-60	1N	39
11210520 503	74-10	1N	39
11210525 503	74-20	1N	39
11210530 503	74-30	1N	39
11210505 503	74-40	1N	39
11210510 503	74-50	1N	39
11210515 503	74-60	1N	39
11213505	78	1N	40
11213505 502	78	1N	40
11215005 001	80	1N	40
10822505 001	81-M22	1A	40
10822510 001	81-M24	1A	40
10823005 001	82-M22	1A	40
10823010 001	82-M24	1A	40
10800407 001	85M	1A	41
10800410 001	85G	1A	41
10801607 001	85L-M	1A	41
10801610 001	85L-G	1A	41
10801407 001	85PST-M	1A	41
10801410 001	85PST-G	1A	41
10800505 001	86P	1A	41
10800411 001	85XL	1A	41
10800510 001	86G	1A	42
10801805 001	86L-P	1A	42
10801810 001	86L-G	1A	42
10801710 001	86PST-G	1A	42
10801005 001	87P	1A	42
10801007 001	87M	1A	42
10801010 001	87G	1A	42
10801305 001	87L-P	1A	42
10801307 001	87L-M	1A	42
10801310 001	87L-G	1A	42
10801205 001	87PST-P	1A	43
10801207 001	87PST-M	1A	43
10801210 001	87PST-G	1A	43
10801505 001	88-40	1A	43
10801510 001	88-50	1A	43
10801515 001	88-60	1A	43
10801011 001	87XL	1A	43

CODE	ART.	CAT.	PAG.
10802105 001	88L-40	1A	43
10802110 001	88L-50	1A	43
10802115 001	88L-60	1A	43
10802205 001	88PST-40	1A	43
10802210 001	88PST-50	1A	43
10802215 001	88PST-60	1A	43
10802005	89-40	1A	44
10802010	89-50	1A	44
10802015	89-60	1A	44
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10802510	90G	1A	44
10803005	92G	1A	44
10803505 001	94P	1A	44
10803510 001	94G	1A	44
10804005 001	96G	1A	44
10804505	100P	1A	44
10804510	100G	1A	44
10804605 001	100PST-P	1A	45
10804610 001	100PST-G	1A	45
10805005	105-20	1A	45
10805105 001	105PST-20	1A	45
10805205 001	106-20	1A	45
10805210 001	106-27	1A	45
10805305 001	106PST-20	1A	45
10805310 001	106PST-27	1A	45
10805505	110-20	1A	46
10805510	110-24	1A	46
10805515	110-27	1A	46
10806005	115-20,5	1A	46
10806010	115-24,5	1A	46
10806015	115-28	1A	46
10806405 001	115PST-20,5	1A	46
10806410 001	115PST-24,5	1A	46
10806415 001	115PST-28	1A	46
10807305 001	117-20,5	1A	46
10807310 001	117-24,5	1A	46
10807315 001	117-28	1A	46
10807405 001	117PST-20,5	1A	46
10807410 001	117PST-24,5	1A	46
10807415 001	117PST-28	1A	46
10806500 001	120-M18	1A	46
10806505 001	120-M20	1A	46
10806509 001	120-M22	1A	46
10806510 001	120-M24	1A	46
10806505 020	120-M20 Hs700	1A	46
10806510 020	120-M24 Hs700	1A	46
10807005 001	125-M20	1A	47
10807010 001	125-M24	1A	47
10807505 001	130-M20	1A	47
10807510 001	130-M24	1A	47
10808005 001	135-M18	1A	47
10808009 001	135-M20	1A	47
10808010 001	135-M22	1A	47
10808014 001	135-M24	1A	47



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10808505 001	140-M18	1A	47
10808510 001	140-M22	1A	47
10808515 001	140-M27	1A	47
10809005 001	150-M18	1A	47
10809010 001	150-M22	1A	47
10824705 001	154-M18	1A	47
10824710 001	154-M20	1A	47
10824715 001	154-M22	1A	47
10824720 001	154-M24	1A	47
10824725 001	154-M27	1A	47
10824405 001	154R-CV-M18	1A	48
10824410 001	154R-CV-M20	1A	48
10824415 001	154R-CV-M22	1A	48
10824420 001	154R-CV-M24	1A	48
10809505 001	155-M20	1A	48
10809510 001	155-M24	1A	48
10824605 001	157CV-M18	1A	48
10824610 001	157CV-M20	1A	48
10824615 001	157CV-M22	1A	48
10824620 001	157CV-M24	1A	48
10824905 001	157-AL-M18	1A	48
10824910 001	157-AL-M20	1A	48
10824915 001	157-AL-M22	1A	48
10824920 001	157-AL-M24	1A	48
10823505 001	159-M18	1A	49
10823510 001	159-M20	1A	49
10823515 001	159-M22	1A	49
10823520 001	159-M24	1A	49
10823525 001	159-M27	1A	49
10823405 001	159R-CV-M18	1A	49
10823410 001	159R-CV-M20	1A	49
10823415 001	159R-CV-M22	1A	49
10823420 001	159R-CV-M24	1A	49
10810005 001	160-M18	1A	49
10810010 001	160-M22	1A	49
10810015 001	160-M27	1A	49
10801912 001	160XL	1A	49
10810300 001	161-M18	1A	50
10810305 001	161-M20	1A	50
10810309 001	161-M22	1A	50
10810310 001	161-M24	1A	50
10810505 001	162-M20	1A	50
10810510 001	162-M24	1A	50
10810805 001	163-M18	1A	50
10810809 001	163-M20	1A	50
10810810 001	163-M22	1A	50
10810814 001	163-M24	1A	50
10810815 001	163-M27	1A	50
10811005 001	164-M18	1A	50
10811010 001	164-M22	1A	50
10811015 001	164-M27	1A	50
12100505	165-30	1G	50
12100510	165-40	1G	50

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12100520	165-60	1G	50
12100525	165-80	1G	50
12100530	165-100	1G	50
12100535	165-120	1G	50
12100540	165-150	1G	50
12100550	165-200	1G	50
12100505 001	165Z-30	1G	50
12100510 001	165Z-40	1G	50
12100515 001	165Z-50	1G	50
12100520 001	165Z-60	1G	50
12100525 001	165Z-80	1G	50
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12100535 001	165Z-120	1G	50
12100540 001	165Z-150	1G	50
12100550 001	165Z-200	1G	50
12100805	165T-30	1G	51
12100810	165T-33	1G	51
12100815	165T-42	1G	51
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12100825	165T-60	1G	51
12100830	165T-76	1G	51
12100835	165T-89	1G	51
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10704601 001	166P	1G	51
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10700705 001	167	1G	51
10700805 001	168	1G	51
10700905 001	169	1G	51
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10821005 001	172-M18	1A	52
10821010 001	172-M20	1A	52
10821015 001	172-M24	1A	52
10820005 001	174-M16	1A	52
10820505 001	176-M16	1A	52
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10819505 001	178-M12	1A	53
10819510 001	178-M16	1A	53
10819515 001	178-M20	1A	53
10819520 001	178-M24	1A	53
10814005 001	180-M18	1A	53
10814010 001	180-M22	1A	53
10814015 001	180-M27	1A	53
10814505 001	182-M18	1A	53
10814510 001	182-M22	1A	53
10814515 001	182-M27	1A	53
10815005 001	184-M18	1A	53
10815010 001	184-M22	1A	53
10815015 001	184-M27	1A	53
10817505 001	185-M18	1A	53
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10815510 001	186-M22	1A	54
10815515 001	186-M27	1A	54
10816005 001	188-M18	1A	54
10816010 001	188-M22	1A	54
10816015 001	188-M27	1A	54
10822018 001	189-M18	1A	54
10822020 001	189-M20	1A	54
10822022 001	189-M22	1A	54
10822024 001	189-M24	1A	54
10822027 001	189-M27	1A	54
10816505	190-30	1A	54
10816510	190-35	1A	54
10816515	190-40	1A	54
10817005	192-30	1A	54
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10818005	194-30	1A	54
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10818020	194-50	1A	54
10818101 001	194PST	1A	55
10818505	196-30	1A	55
10818510	196-35	1A	55
10818515	196-40	1A	55
10819005	198-30	1A	55
10819010	198-35	1A	55
10819015	198-40	1A	55
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10701505 001	200P	1G	55
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10701810 001	202	1G	55
10701450 001	201	1G	56
10704301 001	202F-B	1G	56
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11200501	001	215-50	1N 58	11305910	001	256-300	1L 63	10201905	001	292	1I 67
11200505	001	215-60	1N 58	11306510	001	257-300	1L 63	10201910	001	292	1I 67
11200601	001	215S-50	1N 58	11306515	001	257-400	1L 63	10201705	001	293	1I 67
11200605	001	215S-60	1N 58	11306520	001	257-500	1L 63	10201710	001	293	1I 67
11201005	001	216	1N 58	11306525	001	257-600	1L 63	10602205	001	294	1I 67
11201701		217-40	1N 59	11306530	001	257-700	1L 63	10602405	001	295	1I 67
11201705		217-50	1G 59	11306535	001	257-800	1L 63	10601605	001	297	1I 67
11201710		217-60	1G 59	11400505	001	260-22x22	1F 63	10601610	001	297G	1I 67
11202005		220-40	1G 59	11400510	001	260-22x22	1F 63	11501001	001	300V-40	1M 67
11202010		220-50	1G 59	11400515	001	260-30x30	1F 63	11501005	001	300V-50	1M 67
11215530	001	222-30	1N 59	11306405	001	258-30	1L 63	11501010	001	300V-60	1M 67
11215535	001	222-35	1N 59	11400101		261-26x20	1F 63	11501015	001	300V-70	1M 67
11215540	001	222-40	1N 59	11401205	001	262-30x8	1F 63	11501020	001	300V-80	1M 67
11215545	001	222-45	1N 59	11401005	001	262-30x12	1F 63	11501030	001	300V-90	1M 67
11215550	001	222-50	1N 59	11401010	001	262-30x12	1F 63	11501040	001	300V-100	1M 67
11215560	001	222-60	1N 59	11401710	001	263	1F 64	11501050	001	300V-120	1M 67
11215531	001	223-30	1N 59	11401505	001	264	1F 64	11501060	001	300V-140	1M 67
11215536	001	223-35	1N 59	11402001		265	1F 64	11501070	001	300V-160	1M 67
11215541	001	223-40	1N 59	11402005		265	1F 64	11501080	001	300V-200	1M 67
11215546	001	223-45	1N 59	11402505	001	266	1F 64	11500501	001	300U-40	1M 68
11215551	001	223-50	1N 59	10902005	001	270P	1H 64	11500505	001	300U-50	1M 68
11215561	001	223-60	1N 59	10902010	001	270G	1H 64	11500510	001	300U-60	1M 68
11300505	001	227-30	1L 59	10903005	001	272	1H 64	11500515	001	300U-70	1M 68
11300510	001	227-42	1L 59	10702005	001	275	1G 65	11500520	001	300U-80	1M 68
11301005	001	230-25	1L 59	10702010	001	275F-30	1G 65	11500530	001	300U-90	1M 68
11301010	001	230-30	1L 59	10702015	001	275F-40	1G 65	11500540	001	300U-100	1M 68
11301015	001	230-40	1L 59	10702020	001	275F-50	1G 65	11500550	001	300U-120	1M 68
11301017	001	230-41	1L 59	10702025	001	275F-60	1G 65	11500560	001	300U-140	1M 68
11301020	001	230-42	1L 59	10701401	001	276	1G 65	11500570	001	300U-160	1M 68
11301505	001	231-52	1L 60	10701301	001	275PST	1G 65	11500580	001	300U-200	1M 68
11302210	001	232-30	1L 60	10812005	001	282-30x30	1A 65	11502040	001	305V-100	1M 68
11302215	001	232-40	1L 60	10813005	001	285-30x30	1A 66	11502050	001	305V-120	1M 68
11302005	001	235-35	1L 60	10204001	001	287P-Ø15-Sp3	1I 66	11502060	001	305V-140	1M 68
11302010	001	240-37,5	1L 60	10204011	001	287P-Ø15-Sp3	1I 66	11502070	001	305V-160	1M 68
11302505	001	242-37,5	1L 60	10204002	001	287P-Ø15-Sp3	1I 66	11502080	001	305V-200	1M 68
11303005	001	243-25	1L 60	10204012	001	287P-Ø15-Sp3	1I 66	11501540	001	305U-100	1M 68
11303010	001	243-30	1L 60	10204018	001	287-Ø17-Sp3	1I 66	11501550	001	305U-120	1M 68
11303015	001	243-40	1L 60	10204020	001	287-Ø17-Sp3	1I 66	11501560	001	305U-140	1M 68
11303505	001	244-25	1L 61	10204013	001	287G-Ø19-Sp3	1I 66	11501570	001	305U-160	1M 68
11303510	001	244-30	1L 61	10204007	001	287G-Ø19-Sp3	1I 66	11501580	001	305U-200	1M 68
11303515	001	244-40	1L 61	10204014	001	287G-Ø19-Sp3	1I 66	11502510	001	306Y-60	1M 68
11304005	001	245-32	1L 61	10204008	001	287G-Ø19-Sp3	1I 66	11502520	001	306Y-80	1M 68
11304010	001	245-35	1L 61	10204015	001	287G-Ø19-Sp4	1I 66	11502530	001	306Y-90	1M 68
11304015	001	245-42	1L 61	10204009	001	287G-Ø19-Sp4	1I 66	11502540	001	306Y-100	1M 68
11305005	001	247	1L 61	10204016	001	287G-Ø19-Sp4	1I 66	11502550	001	306Y-120	1M 68
11305008	001	247F	1L 61	10204010	001	287G-Ø19-Sp4	1I 66	11502560	001	306Y-140	1M 68
11305505	001	250-220	1L 61	10204201	001	287FP-G	1I 66	11502570	001	306Y-160	1M 68
11305805	001	251-220	1L 61	10204202	001	287FP-G	1I 66	11502580	001	306Y-200	1M 68
11305810	001	251-300	1L 61	10201501	001	289P-Ø15-Sp3	1I 66	11503040	001	307Y-100	1M 68
11306205	001	252-200	1L 62	10201502	001	289P-Ø15-Sp3	1I 66	11503050	001	307Y-120	1M 68
11305701	001	253-40	1L 62	10201505	001	289G-Ø19-Sp3	1I 66	11503060	001	307Y-140	1M 68
11306005	001	255-220	1L 62	10201510	001	289G-Ø19-Sp3	1I 66	11503070	001	307Y-160	1M 68



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11503520 001	308-80	1M	68
11504501 001	310-40	1M	69
11504505 001	310-50	1M	69
11504510 001	310-60	1M	69
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11504060 001	309-140	1M	69
11505040 001	315-100	1M	69
11505050 001	315-120	1M	69
11505060 001	315-140	1M	69
11505070 001	315-160	1M	69
11505080 001	315-200	1M	69
11506040 001	320V-100	1M	69
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11506080 001	320V-200	1M	69
11506090 001	320V-250	1M	69
11505540 001	320U-100	1M	69
11505550 001	320U-120	1M	69
11505570 001	320U-160	1M	69
11505580 001	320U-200	1M	69
11505590 001	320U-250	1M	69
11506240 001	320Y-100	1M	70
11506250 001	320Y-120	1M	70
11506270 001	320Y-160	1M	70
11506280 001	320Y-200	1M	70
11506290 001	320Y-250	1M	70
11507040 001	322V-100	1M	70
11507041 001	322V-100	1M	70
11507050 001	322V-120	1M	70
11507051 001	322V-120	1M	70
11507070 001	322V-160	1M	70
11507071 001	322V-160	1M	70
11507072 001	322V-160	1M	70
11507080 001	322V-200	1M	70
11507081 001	322V-200	1M	70
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11507090 001	322V-250	1M	70
11506540 001	322U-100	1M	70

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11506551 001	322U-120	1M	70
11506570 001	322U-160	1M	70
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11506581 001	322U-200	1M	70
11506582 001	322U-200	1M	70
11506590 001	322U-250	1M	70
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11507250 001	322Y-120	1M	70
11507251 001	322Y-120	1M	70
11507270 001	322Y-160	1M	70
11507271 001	322Y-160	1M	70
11507272 001	322Y-160	1M	70
11507280 001	322Y-200	1M	70
11507281 001	322Y-200	1M	70
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11508071 001	324-160	1M	70
11508072 001	324-160	1M	70
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11508081 001	324-200	1M	70
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11909030 001	325V-90	1M	71
11909040 001	325V-100	1M	71
11508510 001	325U-60	1M	71
11508520 001	325U-80	1M	71
11509240 001	326V-100	1M	71
11508740 001	326U-100	1M	71
11509510 001	327-60	1M	71
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11509740 001	328-100	1M	71
11510510 001	330V-60	1M	72
11510515 001	330V-70	1M	72
11510520 001	330V-80	1M	72
11510530 001	330V-90	1M	72
11510540 001	330V-100	1M	72

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11510560 001	330V-140	1M	72
11510010 001	330U-60	1M	72
11510015 001	330U-70	1M	72
11510020 001	330U-80	1M	72
11510030 001	330U-90	1M	72
11510040 001	330U-100	1M	72
11510050 001	330U-120	1M	72
11510060 001	330U-140	1M	72
11510710 001	330Y-60	1M	72
11510715 001	330Y-70	1M	72
11510720 001	330Y-80	1M	72
11510730 001	330Y-90	1M	72
11510740 001	330Y-100	1M	72
11510750 001	330Y-120	1M	72
11510760 001	330Y-140	1M	72
11511010 001	332-60	1M	72
11511015 001	332-70	1M	72
11511020 001	332-80	1M	72
11511025 001	332-80S	1M	72
11511030 001	332-90	1M	72
11511035 001	332-90S	1M	72
11511040 001	332-100	1M	72
11511045 001	332-100S	1M	72
11511050 001	332-120	1M	72
11511060 001	332-140	1M	72
11512040 001	333V-100	1M	72
11512050 001	333V-120	1M	72
11512060 001	333V-140	1M	72
11511540 001	333U-100	1M	72
11511550 001	333U-120	1M	72
11511560 001	333U-140	1M	72
11512240 001	333Y-100	1M	73
11512250 001	333Y-120	1M	73
11512260 001	333Y-140	1M	73
11512540 001	334-100	1M	73
11512550 001	334-120	1M	73
11512560 001	334-140	1M	73
11513520 001	335V-80	1M	73
11513530 001	335V-90	1M	73
11513540 001	335V-100	1M	73
11513550 001	335V-120	1M	73
11513560 001	335V-140	1M	73
11513020 001	335U-80	1M	73
11513030 001	335U-90	1M	73
11513040 001	335U-100	1M	73
11513050 001	335U-120	1M	73
11513060 001	335U-140	1M	73
11513720 001	335Y-80	1M	73
11513730 001	335Y-90	1M	73
11513740 001	335Y-100	1M	73
11513750 001	335Y-120	1M	73
11513760 001	335Y-140	1M	73
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11514550	001	336V-120	1M 73	15400506	001	401Z-6	1E 75	11607020	430DX-200	1E	78
11514560	001	336V-140	1M 73	15400508	001	401Z-8	1E 75	11607106	430SX-60	1E	78
11514570	001	336V-160	1M 73	15400509	001	401Z-9	1E 75	11607108	430SX-80	1E	78
11514580	001	336V-200	1M 73	15400510	001	401Z-10	1E 75	11607110	430SX-100	1E	78
11514030	001	336U-90	1M 74	15400511	001	401Z-11	1E 75	11607112	430SX-120	1E	78
11514040	001	336U-100	1M 74	15400512	001	401Z-12	1E 75	11607114	430SX-140	1E	78
11514050	001	336U-120	1M 74	15400514	001	401Z-14	1E 75	11607117	430SX-170	1E	78
11514060	001	336U-140	1M 74	11604006	402-60	1E	76	11607120	430SX-200	1E	78
11514070	001	336U-160	1M 74	11604008	402-80	1E	76	11607308	431-80	1E	78
11514080	001	336U-200	1M 74	11604010	402-100	1E	76	11607338	431-80-SP3	1E	78
11514730	001	336Y-90	1M 74	11604012	402-120	1E	76	11607310	431-100	1E	78
11514740	001	336Y-100	1M 74	11604014	402-140	1E	76	11607311	431-110	1E	78
11514750	001	336Y-120	1M 74	11604006	001	402Z-60	1E 76	11607312	431-120	1E	78
11514760	001	336Y-140	1M 74	11604008	001	402Z-80	1E 76	11607509	440-90	1E	78
11514770	001	336Y-160	1M 74	11604010	001	402Z-100	1E 76	11608009	445-90	1E	79
11514780	001	336Y-200	1M 74	11604012	001	402Z-120	1E 76	11608509	450-90	1E	79
11515020	001	337-80	1M 74	11604014	001	402Z-140	1E 76	11609009	455-90	1E	79
11515025	001	337-80S	1M 74	11604514	405-140	1E	76	11609518	456-180	1E	79
11515030	001	337-90	1M 74	11604517	405-170	1E	76	11610018	457-180	1E	79
11515035	001	337-90S	1M 74	11604520	405-200	1E	76	11610518	458-180	1E	79
11515040	001	337-100	1M 74	11604514	001	405Z-140	1E 76	11611018	459-180	1E	80
11515045	001	337-100S	1M 74	11604517	001	405Z-170	1E 76	11611518	460-180	1E	80
11515050	001	337-120	1M 74	11604520	001	405Z-200	1E 76	11612018	465-180	1E	80
11515060	001	337-140	1M 74	11605008	410-80	1E	76	11612518	470-180	1E	80
11515530	001	338-90	1M 74	11605010	410-100	1E	76	11613018	475-180	1E	80
11515540	001	338-100	1M 74	11605012	410-120	1E	76	11613518	480-180	1E	80
11515550	001	338-120	1M 74	11605014	410-140	1E	76	11614018	482-180	1E	81
11515560	001	338-140	1M 74	11605008	001	410Z-80	1E 76	11614518	485-180	1E	81
11515570	001	338-160	1M 74	11605010	001	410Z-100	1E 76	11615018	487-180	1E	81
11515580	001	338-200	1M 74	11605012	001	410Z-120	1E 76	11647010	490-100	1E	81
11515621	001	339V-120	1M 75	11605014	001	410Z-140	1E 76	11647012	490-120	1E	81
11515622	001	339V-160	1M 75	11607514	411-170	1E	77	11647014	490-140	1E	81
11515611	001	339U-120	1M 75	11605514	415-140	1E	77	11647110	492-100	1E	81
11515612	001	339U-160	1M 75	11605517	415-170	1E	77	11647112	492-120	1E	81
11515641	001	339-120	1M 75	11605520	415-200	1E	77	11647114	492-140	1E	81
11515642	001	339-160	1M 75	11605514	001	415Z-140	1E 77	11647210	494-100	1E	81
19907301	001	339-250	1M 75	11605517	001	415Z-170	1E 77	11647215	494-150	1E	81
11516010	001	340-60	1M 75	11605520	001	415Z-200	1E 77	11647310	495-100	1E	82
11516020	001	340-80	1M 75	11606006	420-60	1E	77	11647315	495-150	1E	82
11516040	001	340-100	1M 75	11606008	420-80	1E	77	11647410	496-100	1E	82
11516050	001	340-120	1M 75	11606010	420-100	1E	77	11647415	496-150	1E	82
11517020	342-80	1M	75	11606012	420-120	1E	77	11648010	497-100	1E	82
11517030	342-90	1M	75	11606014	420-140	1E	77	11648015	497-150	1E	82
11517040	342-100	1M	75	11606514	425-140	1E	77	11648010	001	497Z-100	1E 82
12400503	001	400-9	1E 75	11606517	425-170	1E	77	11648015	001	497Z-150	1E 82
12400504	001	400-10	1E 75	11606520	425-200	1E	77	11648110	498-100	1E	82
12400505	001	400-11	1E 75	11606614	425PS-140	1E	78	11648115	498-150	1E	82
12400510	001	400-12	1E 75	11606617	425PS-170	1E	78	11648110	001	498Z-100	1E 82
12400515	001	400-14	1E 75	11607006	430DX-60	1E	78	11648115	001	498Z-150	1E 82
12400520	001	400-16,5	1E 75	11607008	430DX-80	1E	78	11618515	500-150	1E	82
12400525	001	400-20	1E 75	11607010	430DX-100	1E	78	11619015	505-150	1E	83
15400712	001	401S-12	1E 75	11607012	430DX-120	1E	78	11619515	510-150	1E	83
15400714	001	401S-14	1E 75	11607014	430DX-140	1E	78	11620015	515-150	1E	83



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11621015	525-150	1E	83
11621515	530-150	1E	83
11622030	550-300	1E	84
11622530	551-300	1E	84
11623030	552-300	1E	84
11628506	560-60	1E	84
11647608	560-80	1E	84
11647610	560-100	1E	84
11647612	560-120	1E	84
11647614	560-140	1E	84
11628516	560-160	1E	84
11628518	560-180	1E	84
11647710	564-100	1E	84
11647712	564-120	1E	84
11647714	564-140	1E	84
11615916	564-160	1E	84
11615918	564-180	1E	84
11615604	570-40	1E	84
11615606	570-60	1E	84
11615608	570-80	1E	84
11615610	570-100	1E	84
11615612	570-120	1E	84
11615614	570-140	1E	84
11616104	572-40	1E	85
11616106	572-60	1E	85
11616108	572-80	1E	85
11616110	572-100	1E	85
11616112	572-120	1E	85
11616114	572-140	1E	85
11617110	574-100	1E	85
11617115	574-150	1E	85
11617210	575-100	1E	85
11617215	575-150	1E	85
11617310	576-100	1E	85
11617314	576-140	1E	85
11617315	576-150	1E	85
11648310	577-100	1E	85
11648314	577-140	1E	85
11648315	577-150	1E	85
11648410	578-100	1E	85
11648414	578-140	1E	85
11648415	578-150	1E	85
10703005 001	590	1G	86
11623505	600-65	1G	86
11623510	600-85	1G	86
11624005	606-65	1G	86
11624010	606-85	1G	86
12207505 001	615-10	1G	86
12207510 001	615-12	1G	86
11700505 001	620	1G	86
11701005 001	625	1G	86
11701010 001	625	1G	86
11701105 001	627P	1G	87

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11701110 001	627G	1G	87
11701205	628	1G	87
11701505 001	630	1G	87
11702005	635	1G	87
11702505	640	1G	87
11703005	645	1G	87
11703505	650	1G	88
11704005	655	1G	88
10904005 001	660DX	1H	88
10904010 001	660SX	1H	88
10904505 001	662	1H	88
11000400 001	671P	1H	88
11000401 503	671G	1H	88
11000300 503	672P	1H	89
11000301 503	672G	1H	89
11900505 001	673	1H	89
10905006 503	674	1H	89
11000505 503	675P	1H	89
11000510 503	675G	1H	89
11001005 503	677P	1H	89
11001010 503	677G	1H	89
11001505 503	678P	1H	89
11001510 503	678G	1H	89
11002505 503	679P	1H	90
11002510 503	679G	1H	90
11203005 001	680	1B	90
11203505 001	682	1B	90
10205505 001	683	1B	90
10205510 001	683	1B	90
11204005 700	684	1B	90
11204805 503	685	1B	90
11204705 503	686	1B	91
10206005 001	687	1B	91
10206010 001	687	1B	91
11901005 001	700Z	1D	91
11901206 001	704-16	1D	91
11901211 001	704-20	1D	91
11901216 001	704-24	1D	91
11901215 001	704-24	1D	91
11901605 001	705-16	1D	91
11901610 001	705-20	1D	91
11901615 001	705-24	1D	91
11901805 001	706	1D	91
11901905 001	707	1D	92
11901705 001	708	1D	92
11902005 001	710-130	1D	92
11902010 001	710-300	1D	92
11902015 001	710-500	1D	92
11902505 001	712-130	1D	92
11902510 001	712-300	1D	92
11902515 001	712-500	1D	92
11903005 001	714-330	1D	92
11903010 001	714-660	1D	92
11903505 001	716-330	1D	92

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11903510 001	716-660	1D	92
11904005 001	720-350	1D	92
11904010 001	720-450	1D	93
11904015 001	720-600	1D	93
11904020 001	720-800	1D	93
11904505 001	725-450	1D	93
11904510 001	725-600	1D	93
11904515 001	725-800	1D	93
11905005 001	735-150	1D	93
11905010 001	735-200	1D	93
11905015 001	735-250	1D	93
11905020 001	735-300	1D	93
11905025 001	735-400	1D	93
11905030 001	735-500	1D	93
11905035 001	735-600	1D	93
11905040 001	735-800	1D	93
11905205 001	737-150	1D	93
11905210 001	737-200	1D	93
11905215 001	737-250	1D	93
11905220 001	737-300	1D	93
11905225 001	737-400	1D	93
11905230 001	737-500	1D	93
11905235 001	737-600	1D	93
11905240 001	737-800	1D	93
11905505 001	740-150	1D	93
11905510 001	740-200	1D	93
11905515 001	740-250	1D	93
11905520 001	740-300	1D	93
11905525 001	740-400	1D	93
11905530 001	740-500	1D	93
11905535 001	740-600	1D	93
11905540 001	740-800	1D	93
11906005 001	745-200	1D	93
11906010 001	745-250	1D	93
11906015 001	745-300	1D	93
11906020 001	745-400	1D	93
11906025 001	745-500	1D	93
11906030 001	745-600	1D	93
11906035 001	745-800	1D	93
11906505 002	750-150	1D	94
11906510 002	750-200	1D	94
11906705 005	752-130	1D	94
11906710 005	752-145	1D	94
11906715 005	752-170	1D	94
11906720 005	752-195	1D	94
11907005 002	755-200	1D	94
11907010 002	755-300	1D	94
11907015 002	755-400	1D	94
11907020 002	755-500	1D	94
11907505 002	760-180	1D	94
11907510 002	760-215	1D	94
11907515 002	760-270	1D	94
11908005 002	800-200	1D	94
11908010 002	800-250	1D	94

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11908015	002	800-300	1D 94
11908020	002	800-400	1D 94
11908025	002	800-500	1D 94
11908030	002	800-600	1D 94
11908035	002	800-800	1D 94
11908505	005	805-80	1D 94
11908510	005	805-120	1D 94
11908515	005	805-160	1D 94
11908520	005	805-200	1D 94
11909005	005	810-150	1D 95
11909010	005	810-200	1D 95
11909015	005	810-250	1D 95
11909020	005	810-300	1D 95
11909025	005	810-400	1D 95
11909505	005	820-200	1D 95
11909510	005	820-300	1D 95
11909515	005	820-400	1D 95
11909520	005	820-500	1D 95
11910005	005	825-150	1D 95
11910010	005	825-200	1D 95
11910015	005	825-250	1D 95
11910020	005	825-300	1D 95
11910025	005	825-400	1D 95
11910030	005	825-500	1D 95
11910035	005	825-600	1D 95
11910040	005	825-800	1D 95
12002005	005	827	1D 95
11910505	005	835-200	1D 95
11910510	005	835-300	1D 95
11910515	005	835-400	1D 95
11910520	005	835-500	1D 95
11910525	005	835-600	1D 95
11910530	005	835-800	1D 95
12002505	005	837	1D 95
11911005	002	840-200	1D 96
11911010	002	840-300	1D 96
11911015	002	840-400	1D 96
11911020	002	840-500	1D 96
11911025	002	840-600	1D 96
11911035	002	840-800	1D 96
11911045	002	840-1000	1D 96
11911505	002	840D-200	1D 96
11911510	002	840D-300	1D 96
11911515	002	840D-400	1D 96
11911520	002	840D-500	1D 96
11911525	002	840D-600	1D 96
11911535	002	840D-800	1D 96
11911545	002	840D-1000	1D 96
12003005	002	852	1D 96
12003505	001	855	1D 96
12004005	001	857	1D 96
11913001	001	860	1D 96
11914001	001	862-240	1D 97
11914005	001	862-560	1D 97
		862-560-e20	1D 97

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10130030	001	CGS-250.5M	1Q 100
10130031	001	CGS-250.5P	1Q 100
10130032	001	CGS-250.5G	1Q 100
10207004		CGS-245M	1R 101
10207024		CGS-245M	1R 101
10207006		CGS-245P	1R 101
10207025		CGS-245P	1R 101
10207014		CGS-245G	1R 101
10207026		CGS-245G	1R 101
10207004	001	CGS-245M	1R 101
10207024	001	CGS-245M	1R 101
10207006	001	CGS-245P	1R 101
10207025	001	CGS-245P	1R 101
10207014	001	CGS-245G	1R 101
10207026	001	CGS-245G	1R 101
10130001	001	CGS-350.5M	1Q 102
10130005	001	CGS-350.5P	1Q 102
10130010	001	CGS-350.5G	1Q 102
10207001		CGS-345M	1R 103
10207002		CGS-345M	1R 103
10207005		CGS-345P	1R 103
10207007		CGS-345P	1R 103
10207020		CGS-345G	1R 103
10207022		CGS-345G	1R 103
10207001	001	CGS-345M	1R 103
10207002	001	CGS-345M	1R 103
10207005	001	CGS-345P	1R 103
10207007	001	CGS-345P	1R 103
10207020	001	CGS-345G	1R 103
10207022	001	CGS-345G	1R 103
10130600	001	CGA-350.5M	1Q 104
10130605	001	CGA-350.5P	1Q 104
10130610	001	CGA-350.5G	1Q 104
10208001		CGA-345M	1R 105
10208003		CGA-345M	1R 105
10208005	001	CGA-345P	1R 105
10208007	001	CGA-345P	1R 105
10208009		CGA-345G	1R 105
10208011		CGA-345G	1R 105
10130003	001	CGS-250.8M	1Q 106
10130007	001	CGS-250.8P	1Q 106
10130012	001	CGS-250.8G	1Q 106
10130002	001	CGS-350.8M	1Q 108
10130006	001	CGS-350.8P	1Q 108
10130011	001	CGS-350.8G	1Q 108
10131005	001	CG-05P	1T 110
10131010	001	CG-05G	1T 110
10131100	001	CG-10	1T 110
10708001	001	CG-15M	1T 110
10708005	001	CG-15P	1T 110
10708010	001	CG-15G	1T 110
10707101	001	CG-20M	1T 110
10707105	001	CG-20P	1T 110
10707110	001	CG-20G	1T 110

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10707001	001	CGA-20M	1T 110
10707005	001	CGA-20P	1T 110
10707005	001	CG-25M	1T 110
10707501	001	CG-25P	1T 110
10707505	001	CG-25G	1T 110
10707510	001	CG-30M	1S 111
10707605	001	CG-30P	1S 111
10707610	001	CG-30G	1S 111
10707620	001	CG-32	1S 111
10707705	001	CG-35P	1T 111
10707710	001	CG-35G	1T 111
10131400	001	CG-40	1T 111
11310005	001	CG-251	1S 111
11310100	001	CG-252	1S 111
10210150	001	CG-254	1S 111
11310300	001	CG-256-40	1S 112
11310301	001	CG-256-50	1S 112
10130505	001	CG-348	1T 112
10130510	001	CG-348	1T 112
10705401	001	CGA-346M	1T 112
10705200	001	CGA-347M	1T 112
10705205	001	CGA-347P	1T 112
10705501	001	CGS-346M	1T 112
10705505	001	CGS-346P	1T 112
10705510	001	CGS-346G	1T 112
10705001	001	CGS-347M	1T 113
10705005	001	CGS-347P	1T 113
10705010	001	CGS-347G	1T 113
19912326		KIT150-300B3M	1U 114
19912333		KIT150-300B6M	1U 114
19912330		KIT150-300T3M	1U 114
19912331		KIT150-300T6M	1U 114
19912324		KIT150-600B3M	1U 114
19912334		KIT150-600B6M	1U 114
19912325		KIT150-600 T3M	1U 114
19912332		KIT150-600T6M	1U 114
19912494		KITCGA150-300	1U 115
19912495		KITCGA150-600	1U 115


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10800305	84i	2A	120
10800605	86i-P	2A	120
10800610	86i-G	2A	120
10801105	87i-P	2A	120
10801110	87i-G	2A	120
10806205	116i-20	2A	120
10806210	116i-24	2A	120
10806605	120i-M20	2A	121
10806610	120i-M24	2A	121
12100705	165i-30	2G	121
12100710	165i-40	2G	121
12100715	165i-50	2G	121
12100720	165i-60	2G	121
12100725	165i-80	2G	121
12100730	165i-100	2G	121
12100735	165i-120	2G	121
12100740	165i-150	2G	121
10701105	170i	2G	121
10701610	200i-G	2G	121
11301310	230i-30	2L	121
11301315	230i-40	2L	121
11305605	250i-220	2L	121
11306105	255i-220	2L	122
11400610	260i-22x22	2F	122
11401105	262i-30x12	2F	122
11401905	264i	2F	122
10902505	270i-P	2H	122
10902510	270i-G	2H	122
10204113	287i-Go19-SP2	2I	122
10204114	287i-Go19-SP2	2I	122
10201605	289i-Go19-SP2	2I	123
10201610	289i-Go19-SP2	2I	123
10602105	291i	2I	123
10201805	293i	2I	123
10201810	293i	2I	123
10602305	295i	2I	123
10601705	297i	2I	123
11501410	300i-V60	2M	123
11501420	300i-V80	2M	123
11501430	300i-V90	2M	123
11501440	300i-V100	2M	123
11501450	300i-V120	2M	123
11501460	300i-V140	2M	123
11501470	300i-V160	2M	123
11501480	300i-V200	2M	123
11502140	305i-V100	2M	124
11502150	305i-V120	2M	124
11502160	305i-V140	2M	124
11502170	305i-V160	2M	124
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11504810	310i-60	2M	124
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11504860	310i-140	2M	124
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11504880	310i-200	2M	124
11505140	315i-100	2M	124
11505150	315i-120	2M	124
11505160	315i-140	2M	124
11505170	315i-160	2M	124
11505180	315i-200	2M	124
11513630	335i-V90	2M	124
11513640	335i-V100	2M	124
11513650	335i-V120	2M	124
11514630	336i-90V	2M	124
11514640	336i-100V	2M	124
11514650	336i-120V	2M	124
11515130	337i-90S	2M	124
11515140	337i-100S	2M	124
11515150	337i-120	2M	124
11515630	338i-90	2M	125
11515640	338i-100	2M	125
11515650	338i-120	2M	125
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15400608	401i-8	2E	125
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15400610	401i-10	2E	125
15400611	401i-11	2E	125
15400612	401i-12	2E	125
15400614	401i-14	2E	125
11604206	402i-60	2E	125
11604208	402i-80	2E	125
11604210	402i-100	2E	125
11604212	402i-120	2E	125
11604214	402i-140	2E	125
11604614	405i-140	2E	125
11604617	405i-170	2E	125
11604620	405i-200	2E	125
11605208	410i-80	2E	125
11605210	410i-100	2E	125
11605212	410i-120	2E	125
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11610618	458i-180	2E	126
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11612618	470i-180	2E	126
11613618	480i-180	2E	127
11614618	485i-180	2E	127
11618615	500i-150	2E	127
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10207505	CGI-345P	1R	128
10207507	CGI-345P	1R	128
10131305	CGI-05P	1T	129
11310305	CGI-251	1S	129
10706005	CGI-346P	1T	129
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11307501 001	248-70	3H	132	10118305 503	396	3B	137	10203718 002	695 G-1200	3A	139
11307505 001	248-80	3H	132	10203011 001	398	3G	137	10203718 001	695 G-1200	3A	139
10401505 001	249-30	3E	132	10203012 001	398	3G	137	10203730 003	695 G-3000	3A	139
10902005 001	270P	1H	132	10203006 001	399	3G	137	10203730 002	695 G-3000	3A	139
10902010 001	270G	1H	132	10203008 001	399	3G	137	10203730 001	695 G-3000	3A	139
10903005 001	272	1H	132	10203007 001	399	3G	137	10203740 003	695 G-4800	3A	139
10602505 001	352P	3G	133	11205006 503	690 MC DX	3A	138	10203740 002	695 G-4800	3A	139
10602510 001	352G	3G	133	11205006 002	690 MC DX	3A	138	10203740 001	695 G-4800	3A	139
10603006 001	354-185	3G	133	11205006 001	690 MC DX	3A	138	10203702 003	695 PM-1200	3A	139
10603011 001	354-330	3G	133	11205011 002	690 MC SX	3A	138	10203702 002	695 PM-1200	3A	139
10603007 001	355P	3G	133	11205011 503	690 MC SX	3A	138	10203702 001	695 PM-1200	3A	139
10603012 001	355G	3G	133	11205011 001	690 MC SX	3A	138	10203701 003	695 GM-1200	3A	139
10603013 001	355S	3G	133	12001105 503	691P	3A	138	10203701 002	695 GM-1200	3A	139
10604005 001	356P	3G	133	12001105 002	691P	3A	138	10203701 001	695 GM-1200	3A	139
10604010 001	356G	3G	133	12001105 001	691P	3A	138	11206006 503	696 MC DX	3A	139
10202010 001	358	3G	134	12001505 503	691G	3E	138	11206006 002	696 MC DX	3A	139
10702505	361P	3E	134	12001505 002	691G	3E	138	11206006 001	696 MC DX	3A	139
10702510	361G	3E	134	12001505 001	691G	3E	138	11206011 503	696 MC SX	3A	139
10702611	362	3E	134	10203503 003	692 P-1200	3A	138	11206011 002	696 MC SX	3A	139
10702405	363	1G	134	10203503 002	692 P-1200	3A	138	11206011 001	696 MC SX	3A	139
10702905	364	3E	134	10203503 001	692 P-1200	3A	138	11206506 503	698 MC DX-50	3A	140
10702905 001	365	3E	134	10203515 003	692 P-3000	3A	138	11206506 002	698 MC DX-50	3A	140
10702105	365 AL	3E	134	10203515 002	692 P-3000	3A	138	11206506 001	698 MC DX-50	3A	140
10702210	366-22	3E	135	10203515 001	692 P-3000	3A	138	11206526 503	698 MC DX-80	3A	140
10702220	366-42	3E	135	10203504 003	692 P-4800	3A	138	11206526 002	698 MC DX-80	3A	140
10702305	367	3E	135	10203504 002	692 P-4800	3A	138	11206526 001	698 MC DX-80	3A	140
10113007 001	375 P16	3B	135	10203504 001	692 P-4800	3A	138	11206511 503	698 MC SX-50	3A	140
10113006 001	375 P20	3B	135	10203518 003	692 G-1200	3A	138	11206511 002	698 MC SX-50	3A	140
10113010 001	375 G	3B	135	10203518 002	692 G-1200	3A	138	11206511 001	698 MC SX-50	3A	140
10113402 001	376 P16	3B	135	10203518 001	692 G-1200	3A	138	11206531 503	698 MC SX-80	3A	140
10113401 001	376 P20	3B	135	10203530 003	692 G-3000	3A	138	11206531 002	698 MC SX-80	3A	140
10118550 001	377P	3E	136	10203530 002	692 G-3000	3A	138	11206531 001	698 MC SX-80	3A	140
10118535 001	377G-290	3E	136	10203530 001	692 G-3000	3A	138	11003500	699	3F	140
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10118535 003	377G-290	3E	136	10203540 002	692 G-4800	3A	138	11630905 503	A371P	3D	140
10118540 001	377G-330	3E	136	10203540 001	692 G-4800	3A	138	11630505 503	A380P	3D	140
10118540 002	377G-330	3E	136	11207006 503	693 MC DX	3A	138	11630511 503	A380G	3D	140
10118540 003	377G-330	3E	136	11207011 503	693 MC SX	3A	138	11634005 503	A380R	3D	141
10118530 001	377R-330	3E	136	11205506 503	694 MC DX	3A	139	11631005 503	A381P	3D	141
10118530 002	377R-330	3E	136	11205506 002	694 MC DX	3A	139	11631011 503	A381G	3D	141
10118530 003	377R-330	3E	136	11205506 001	694 MC DX	3A	139	11632405 503	A384P	3D	141
10118701 001	377G-SC	3E	136	11205511 503	694 MC SX	3A	139	11632505 503	A385P	3D	141
10310505 001	378P	3E	136	11205511 002	694 MC SX	3A	139	11644015 503	P365	3D	142
10310510 001	378G	3E	136	11205511 001	694 MC SX	3A	139	11645515 503	P365 R	3D	142
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10311008 002	379G-135	3E	136	10203703 001	695 P-1200	3A	139	11644560 503	P368 M	3D	142
10311008 003	379G-135	3E	136	10203715 003	695 P-3000	3A	139	11640710 503	P370	3D	142
10311010 001	379G-200	3E	136	10203715 002	695 P-3000	3A	139	11641210 503	P371	3D	143
10311010 002	379G-200	3E	136	10203715 001	695 P-3000	3A	139	11640510 503	P380	3D	143
10311010 003	379G-200	3E	136	10203704 003	695 P-4800	3A	139	11641010 503	P381	3D	143


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12200510 001	900-36	5C	148
12201005 001	960-36	5C	148
12201510 001	1000-40	5C	148
12201515 001	1000-45	5C	148
12202005 001	1001-36	5C	148
12202105 001	1020	5C	149
12202205 001	1021	5C	149
12203305 001	1051 STYING	5C	149
12203405 001	1052 STYING	5C	149
12203605 001	1053 STYING	5C	149
12235505	1073F-7,5	5G	149
12208505	1102-10,5	5G	150
12231505	1103F	5G	150
12210040	1105 40x18	5G	150
12210020	1105 45x20	5G	150
12210025	1105 45x30	5G	150
12210035	1105 50x25	5G	150
12210010	1105F 40x18	5G	150
12210031	1105F 50x20	5G	150
12210015	1105-GR9 40x20	5G	150
12210505	1106	5G	150
12211005	1107	5G	150
12211505	1108	5G	151
12211605	1108F	5G	151
12211705	1109F-8,5	5G	151
12212005	1110	5G	151
12212505	1111	5G	151
12213005	1112	5G	151
12214005	1114F-8,5	5G	152
12214505	1115F-8,5	5G	152
12215005	1116F	5G	152
12215505	1117	5G	152
12216005	1118F	5G	152
12216505	1119F	5G	152
12217005	1120	5G	153
12234005	1120F	5G	153
12217505	1121	5G	153
12218005	1122F	5G	153
12236005	1123F-7,5	5G	153
12239505	1124	5G	153
12218505	1125	5G	154
12218705	1125F	5G	154
12241505	1126F-8,5	5G	154
12219005	1127	5G	154
12219505	1128	5G	154
12241005	1129F	5G	154
12220005	1130	5G	155
12220505	1130V	5G	155
12211105	1131F	5G	155
12237005	1132	5G	155
12234505	1133F-7,5	5G	155
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12221405	1138F	5G	156
12221605	1139-7,5	5G	156
12221505	1140	5G	156
12221705	1141	5G	157
12238005	1142F	5G	157
12221805	1143F	5G	157
12221905	1144	5G	157
12222005	1145F	5G	157
12222105	1146	5G	157
12222305	1147-7,5	5G	158
12254010	1148F	5G	158
12222505	1148	5G	158
12223505	1155	5G	158
12223605	1155F	5G	158
12241605	1156-7,5	5G	158
12232505	1157	5G	159
12233005	1159	5G	159
12224005	1160F TA	5G	159
12224505	1161F	5G	159
12225005	1163F	5G	159
12225505	1164F	5G	159
12226005	1165F	5G	160
12240005	1166	5G	160
12226505	1167	5G	160
12226510	1167F	5G	160
12226510	1167F-7,5	5G	160
12227005	1168F	5G	160
12227505	1169	5G	160
12228005	1170F	5G	161
12240505	1172	5G	161
12241205	1173F-7,5	5G	161
12241205	1173F-9,5	5G	161
12242005	1175	5G	161
12242505	1176	5G	161
12242605	1177 DX-SX	5G	161
12242805	1178F	5G	162
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12233605	1180	5G	162
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12243005	1181F	5G	162
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12244505	1183	5G	163
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12245505	1186	5G	163
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12232005	1190F	5G	163
12239005	1191	5G	163
12238505	1192-7,5	5G	164
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12236505	1199F	5G	165	12201332	1832	5G	173	12201115	1915	5G	174
12239006	1301 DX	5G	165	12201333	1833	5G	173	12202310 001	1704	5G	174
12239007	1301 SX	5G	165	12201334	1834	5G	173	12202315 001	1705	5G	174
12239004	1302	5G	165	12201335	1835	5G	173	12256505	1550	5E	174
12239001	1303	5G	165	12201336	1836	5G	173	12257005	1551	5E	174
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12239003	1304-7,5	5G	165	12201338	1838	5G	173	12258005	1553	5E	175
12229005	1305F (A536F)	5G	165	12201339	1839	5G	173	12258505	1554	5E	175
12229505	1306 (A537)	5G	166	12202345 008	1711	5G	173	12259005	1555	5E	175
12230005	1307 (A538)	5G	166	12202350 008	1712	5G	173	12259505	1556	5E	175
12239008	1308	5G	166	1228005	1620	5G	173	12260005	1557	5E	175
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12270900	1580	5G	167	1228015	1622	5G	173	12261005	1559	5E	176
12270911	1581	5G	167	1228020	1623	5G	173	12261505	1560	5E	176
12270902	1582	5G	167	1228025	1624	5G	173	12262005	1561	5E	176
12270903	1583	5G	168	1228030	1625	5G	173	12262505	1562	5E	176
12270904	1584	5G	168	1228035	1626	5G	173	12262510	1563	5E	176
12270905	1585	5G	168	1228040	1627	5G	173	12260101	1564	5E	177
12270906	1586	5G	169	1228045	1628	5G	173	12260201	1565	5E	177
12270907	1587	5G	169	1228050	1629	5G	173	12260301	1566	5E	177
12270908	1588	5G	169	1228055	1630	5G	173	12260401	1567	5E	177
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12270919	1592	5G	170	1228070	1633	5G	173	12248005	1501-R50	5E	178
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12270916	1596	5G	172	1228090	1637	5G	173	12255005	1202-R50 T.T.	5E	178
12270917	1597	5G	172	1228095	1638	5G	173	12255015	1203-R50	5E	178
12270918	1598	5G	172	12280100	1639	5G	173	19400000	1204	5E	179
12201307	1807	5G	173	12280105	1640	5G	173	12250005	1215 40x18	5E	179
12201308	1808	5G	173	12280110	1641	5G	173	12250010	1215 40x20 (GR9)	5E	179
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12201311	1811	5G	173	12280120	1643	5G	173	12250510	1215 50x20	5E	179
12201312	1812	5G	173	12280125	1644	5G	173	12250515	1215 50x25	5E	179
12201313	1813	5G	173	12280130	1645	5G	173	12251005	1220	5E	179
12201314	1814	5G	173	12280135	1646	5G	173	12251505	1221	5E	179
12201315	1815	5G	173	12280140	1647	5G	173	12252005	1225	5E	179
12201316	1816	5G	173	12280145	1648	5G	173	12252505	1227	5E	179
12201317	1817	5G	173	12280150	1649	5G	173	12205505 001	1231-36	5C	180
12201318	1818	5G	173	12202305 001	1703	5G	174	12206005 001	1232	5C	180
12201319	1819	5G	173	12201102	1902	5G	174	12206505 001	1233	5C	180
12201320	1820	5G	173	12201103	1903	5G	174	12253505	1235	5G	180
12201321	1821	5G	173	12201104	1904	5G	174	12253005	1264	5G	180
12201322	1822	5G	173	12201105	1905	5G	174	11802010 001	1245	5A	180
12201323	1823	5G	173	12201106	1906	5G	174	11802515 001	1250	5A	181
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12201325	1825	5G	173	12201108	1908	5G	174	11704510	1255 mm4	5H	181
12201326	1826	5G	173	12201109	1909	5G	174	11704515	1255 mm5	5H	181
12201327	1827	5G	173	12201110	1910	5G	174	11803005	1270i	5A	181
12201328	1828	5G	173	12201111	1911	5G	174	11803505 001	1275	5A	181
12201329	1829	5G	173	12201112	1912	5G	174	11803505	1275i	5A	181
12201330	1830	5G	173	12201113	1913	5G	174	11804005	1276i	5A	181

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M200B001XA604	2-0722-604	4E	184
M200C003XA604	2-0744-604	4E	184
M200D010XA604	2-0762-604	4E	184
M200D001XA604	2-0764-604	4E	184
M200D006XA503	2-0765-503	4E	184
M200D002XA604	2-0766-604	4E	184
M200E001XA503	2-0782-503	4E	184
M200E002XA604	2-0786-604	4E	184
M200E002XA503	2-0786-503	4E	184
M210D001XA604	2-1763-604	4E	184
M210D003XA604	2-1767-604	4E	184
M220D005XA503	2-2762-503	4E	185
M220D005XA604	2-2762-604	4E	185
M220D001XA604	2-2764-604	4E	185
M220D001XA503	2-2764-503	4E	185
M220D002XA604	2-2766-604	4E	185
M220D002XA503	2-2766-503	4E	185
M220E001XA604	2-2782-604	4E	185
M220E001XA503	2-2782-503	4E	185
M260D001XA604	2-6765-604	4E	185
M260D002XA503	2-6767-503	4E	185
M260E001XA604	2-6783-604	4E	185
M260E001XA503	2-6783-503	4E	185
M260E002XA604	2-6785-604	4E	185
M260E002XA503	2-6785-503	4E	185
M270D001XA604	2-7763-604	4E	185
M270D001XA503	2-7763-503	4E	185
M270D002XA604	2-7765-604	4E	185
M270D002XA503	2-7765-503	4E	185
M270E003XA604	2-7788-604	4E	185
M270E003XA503	2-7788-503	4E	185
M280E002DA604	2-8786-604 DX	4E	186
M280E002SA604	2-8786-604 SX	4E	186
M280E002DA503	2-8786-503 DX	4E	186
M280E002SA503	2-8786-503 SX	4E	186
M290D001XA604	2-9765-604	4E	186
M290D002XA604	2-9768-604	4E	186
M290E002XA604	2-9788-604	4E	186
M292D002XA604	2-9862-604	4E	186
M292E001XA604	2-9883-604	4E	186
M292E001XA503	2-9883-503	4E	186
11100001	F1000	4B	208
11101620	F1012	4B	208
11107220	F1042	4B	208
11128030	F1116	4B	209
11108637	F1120	4B	209
11100021	F1200	4B	209
11100111	F1300	4B	209
11100061	F1400	4B	210
11100071	F2000	4B	210
11100072	F2001	4B	210
11100121	F3000	4B	210
11100630	F7016	4B	211
11106630	F7046	4B	211

CODE	ART.	CAT.	PAG.
M200B001XB010	2-0122-010	4D	187
M200B002XB010	2-0125-010	4D	187
N200C003XB009	2-0144-009	4D	187
N200D001XB009	2-0164-009	4D	187
N200D001XB010	2-0164-010	4D	187
N200D002XB010	2-0166-010	4D	187
N200E001XB010	2-0182-010	4D	187
N200E001XB015	2-0182-015	4D	187
N200E002XB010	2-0186-010	4D	187
N210C002XB010	2-1147-010	4D	187
N210D001XB010	2-1163-010	4D	187
N210D001XB015	2-1163-015	4D	187
N210D002XB010	2-1165-010	4D	187
N210D002XB015	2-1165-015	4D	187
N210D003XB009	2-1167-009	4D	187
N210D003XB010	2-1167-010	4D	187
N220C002XB015	2-2141-015	4D	188
N220C001XB010	2-2146-010	4D	188
N220D001XB009	2-2164-009	4D	188
N220D001XB010	2-2164-010	4D	188
N220D002XB010	2-2166-010	4D	188
N220E001XB010	2-2182-010	4D	188
N220E001XB015	2-2182-015	4D	188
N220E002XB010	2-2186-010	4D	188
N260D001XB010	2-6165-010	4D	188
N260D001XB015	2-6165-015	4D	188
N260D002XB010	2-6167-010	4D	188
N260E001XB010	2-6183-010	4D	188
N260E002XB010	2-6185-010	4D	188
N260E002XB015	2-6185-015	4D	188
N270D001XB010	2-7163-010	4D	189
N270D002XB010	2-7165-010	4D	189
N270E002XB010	2-7185-010	4D	189
N270E003XB010	2-7188-010	4D	189
N280D002DB010	2-8166-010	4D	189
N280D002SB010	2-8166-010	4D	189
N280E002DB010	2-8186-010	4D	189
N280E002SB010	2-8186-010	4D	189
N290D001XB010	2-9165-010	4D	190
N290E001XB010	2-9185-010	4D	190
N292D002XB010	2-9262-010	4D	190
N292D001XB010	2-9265-010	4D	190
N292E001XB009	2-9283-009	4D	190
N292E001XB010	2-9283-010	4D	190
N292E001XB015	2-9283-015	4D	190
N300D001DB010	3-0166-010	4D	191
N300D001SB010	3-0166-010	4D	191
N400C002XB009	4-0042-009	4D	191
N400C002XB010	4-0042-010	4D	191
N400D002XB010	4-0064-010	4D	191
N400D003XB010	4-0066-010	4D	191
N400D004XB010	4-0068-010	4D	191
N401D001XB010	4-0164-010	4D	192
N401D003XB010	4-0168-010	4D	192

CODE	ART.	CAT.	PAG.
N401E002XB010	4-0185-010	4D	192
N402D005XB010	4-2065-010	4D	192
N402D007XB010	4-2087-010	4D	192
N430D001XB010	4-3064-010	4D	193
N430E001XB010	4-3085-010	4D	193
N440D001XB009	4-4062-009	4D	193
N440D001XB010	4-4062-010	4D	193
N440D002XB010	4-4064-010	4D	193
N440E001XB010	4-4082-010	4D	193
N440E002XB010	4-4084-010	4D	193
N440E003XB010	4-4088-010	4D	193
N482C001XB010	4-8244-010	4D	194
M500B003XB010	5-0025-010	4D	194
N500C002XB010	5-0045-010	4D	194
N500E002XB010	5-0085-010	4D	194
N520C001XB010	5-2046-010	4D	195
N520D003XB010	5-2066-010	4D	195
N520E003XB010	5-2086-010	4D	195
N530E001XB010	5-3085-010	4D	195
N540C001XB010	5-4043-010	4D	196
N540D003XB010	5-4062-010	4D	196
N540D003XB015	5-4062-015	4D	196
N540D001XB009	5-4065-009	4D	196
N540D001XB010	5-4065-010	4D	196
N540D002XB010	5-4068-010	4D	196
N540E001XB010	5-4082-010	4D	196
N540E001XB015	5-4082-015	4D	196
N540E002XB010	5-4085-010	4D	196
N540E003XB010	5-4088-010	4D	196
N550D001XB010	5-5063-010	4D	196
N700D002XB010	7-0064-010	4D	197
N700D009XB010	7-0086-010	4D	197
N710D006XB010	7-1066-010	4D	197
N800B003XB010	8-0048-010	4D	197
N800B009XB010	8-0086-010	4D	197
N810B003XB010	8-1048-010	4D	198
N810B009XB010	8-1086-010	4D	198
N815B003XB010	8-1548-010	4D	198
N815B009XB010	8-1586-010	4D	198
N820B003XB010	8-2048-010	4D	198
N820B007XB010	8-2087-010	4D	198
N830B002XB010	8-3048-010	4D	199
N830B003XB010	8-3088-010	4D	199
N900D003XB010	9-0048-010	4D	199
N900D007XB010	9-0087-010	4D	199
N910D003XB010	9-1048-010	4D	199
N910D007XB010	9-1087-010	4D	199
N915D003XB010	9-1548-010	4D	200
N920D003XB010	9-2048-010	4D	200
N920D007XB010	9-2087-010	4D	200
N930D006XB010	9-3066-010	4D	200
N930D010XB010	9-3089-010	4D	200
N940D003XB010	9-4048-010	4D	201
N940D007XB010	9-4087-010	4D	201

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CODE	ART.	CAT.	PAG.
N950D003XB010	9-5048-010	4D	201
N950D007XB010	9-5047-010	4D	201
N960D003XB010	9-6048-010	4D	201
N960D007XB010	9-6087-010	4D	201
13063000 503	6-3085-9005	4H	202
13064000 503	6-4065-9005	4H	202
13064001 503	6-4085-9005	4H	202
13065001 503	6-5085-9005	4H	203
13065001 512	6-5085-9010	4H	203
13067000 503	6-7085-9005	4H	203
11111530	F0016	4B	206
11103435	F0018	4B	206
11116135	F0038	4B	206
11113030	F0046	4B	206
11108135	F0048	4B	207
11110136	F0058N	4B	207
11129035	F0068	4B	207
11100001	F1000	4B	208
11101620	F1012	4B	208
11107220	F1042	4B	208
11100011	F1100	4B	208
11128030	F1116	4B	209
11108637	F1120	4B	209
11100021	F1200	4B	209
11100111	F1300	4B	209
11100061	F1400	4B	210
11100071	F2000	4B	210
11100072	F2001	4B	210
11100121	F3000	4B	210
11100630	F7016	4B	211
11104630	F7036	4B	211
11106630	F7046	4B	211

CODE	ART.	CAT.	PAG.
MSMART20 L 0B 00	SMART-24V basic	8A	217
MSMART20 L 0G 00	SMART-24V basic	8A	217
MSMART20 L 0W 00	SMART-24V basic	8A	217
MSMART20 I 0B 00	SMART-110V basic	8A	217
MSMART20 I 0G 00	SMART-110V basic	8A	217
MSMART20 I 0W 00	SMART-110V basic	8A	217
MSMART20 H 0B 00	SMART-230V basic	8A	217
MSMART20 H 0G 00	SMART-230V basic	8A	217
MSMART20 H 0W 00	SMART-230V basic	8A	217
ML25 S1 38I 0B 00	LIWIN-L25 110V basic	8A	219
ML25 S1 38I 0G 00	LIWIN-L25 110V basic	8A	219
ML25 S1 38I 0W 00	LIWIN-L25 110V basic	8A	219
ML25 S1 38H 0B 00	LIWIN-L25 230V basic	8A	219
ML25 S1 38H 0G 00	LIWIN-L25 230V basic	8A	219
ML25 S1 38H 0W 00	LIWIN-L25 230V basic	8A	219
ML25 S1 38H 1W 00	LIWIN-L25 230V basic	8A	219
ML35 S1 40H 0B 00	LIWIN-L35 230V basic	8A	219
ML35 S1 40H 0G 00	LIWIN-L35 230V basic	8A	219
ML35 S1 40H 0W 00	LIWIN-L35 230V basic	8A	219
ML35 S1 40H 1W 00	LIWIN-L35 230V basic	8A	219
ML35 S1 40L 0B 00	LIWIN-L35 24V basic	8A	219
ML35 S1 40L 0G 00	LIWIN-L35 24V basic	8A	219
ML35 S1 40L 0W 00	LIWIN-L35 24V basic	8A	219
ML35 S1 40L 1W 00	LIWIN-L35 24V basic	8A	219
ML35 S2 40H 0B 00	LIWIN-L35 230V 2W-NET	8A	220
ML35 S2 40H 0G 00	LIWIN-L35 230V 2W-NET	8A	220
ML35 S2 40H 0W 00	LIWIN-L35 230V 2W-NET	8A	220
ML35 S2 40L 0B 00	LIWIN-L35 24V 2W-NET	8A	220
ML35 S2 40L 0G 00	LIWIN-L35 24V 2W-NET	8A	220
ML35 S3 40L 0W 00	LIWIN-L35 24V 3W-NET	8A	220
ML35 S3 40H 0B 00	LIWIN-L35 230V 3W-NET	8A	220
ML35 S3 40H 0G 00	LIWIN-L35 230V 3W-NET	8A	220
ML35 S3 40H 0W 00	LIWIN-L35 230V 3W-NET	8A	220
ML35 S3 40L 0B 00	LIWIN-L35 24V 3W-NET	8A	220
ML35 S3 40L 0G 00	LIWIN-L35 24V 3W-NET	8A	220
ML35 S3 40L 0W 00	LIWIN-L35 24V 3W-NET	8A	220
ML35 S4 40H 0B 00	LIWIN-L35 230V 4W-NET	8A	220
ML35 S4 40H 0G 00	LIWIN-L35 230V 4W-NET	8A	220
ML35 S4 40H 0W 00	LIWIN-L35 230V 4W-NET	8A	220
ML35 S4 40L 0B 00	LIWIN-L35 24V 4W-NET	8A	220
ML35 S4 40L 0G 00	LIWIN-L35 24V 4W-NET	8A	220
ML35 S4 40L 0W 00	LIWIN-L35 24V 4W-NET	8A	220
ML35 R1 40H 0B 00	LIWIN-L35 230V R	8A	221
ML35 R1 40H 0G 00	LIWIN-L35 230V R	8A	221
ML35 R1 40H 0W 00	LIWIN-L35 230V R	8A	221
ML35 R2 40H 0B 00	LIWIN-L35 230V R 2W-NET	8A	221
ML35 R2 40H 0G 00	LIWIN-L35 230V R 2W-NET	8A	221
ML35 R2 40H 0W 00	LIWIN-L35 230V R 2W-NET	8A	221
ML35 R3 40H 0B 00	LIWIN-L35 230V R 3W-NET	8A	221
ML35 R3 40H 0G 00	LIWIN-L35 230V R 3W-NET	8A	221
ML35 R3 40H 0W 00	LIWIN-L35 230V R 3W-NET	8A	221
ML35 R4 40H 0B 00	LIWIN-L35 230V R 4W-NET	8A	221

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ML35 R4 40H 0G 00	LIWIN-L35 230V R 4W-NET	8A	221
ML35 R4 40H 0W 00	LIWIN-L35 230V R 4W-NET	8A	221
ML00 AA 01N 0B 00	ACCESSORI LIWIN	8V	218
ML00 AA 01N 0G 00	ACCESSORI LIWIN	8V	218
ML00 AA 01N 0W 00	ACCESSORI LIWIN	8V	218
ML00 AA 01N 1W 00	ACCESSORI LIWIN	8V	218
ML00 AA 03N 0B 00	ACCESSORI LIWIN	8V	218
ML00 AA 03N 0G 00	ACCESSORI LIWIN	8V	218
ML00 AA 03N 0W 00	ACCESSORI LIWIN	8V	218
ML00 AA 03N 1W 00	ACCESSORI LIWIN	8V	218
ML00 AS 01N 0B 00	ACCESSORI LIWIN	8V	218
ML00 AS 01N 0G 00	ACCESSORI LIWIN	8V	218
ML00 AS 01N 0W 00	ACCESSORI LIWIN	8V	218
ML00 AS 02N 0W 00	ACCESSORI LIWIN	8V	218
ML00 AS 02N 0B 00	ACCESSORI LIWIN	8V	218
ML00 AS 02N 0G 00	ACCESSORI LIWIN	8V	218
ML00 AS 03N 0W 00	ACCESSORI LIWIN	8V	218
ML00 AS 03N 0B 00	ACCESSORI LIWIN	8V	218
ML00 AS 03N 0G 00	ACCESSORI LIWIN	8V	218
ML00 AS 05N 0W 00	ACCESSORI LIWIN	8V	218
ML00 AS 05N 0B 00	ACCESSORI LIWIN	8V	218
ML00 AS 05N 0G 00	ACCESSORI LIWIN	8V	218
MFAST 160 H 0B 00	FAST-160 230V	8A	223
MFAST 200 H 0B 00	FAST-200 230V	8A	223
MFAST 300 H 0B 00	FAST-300 230V	8A	223
MFAST 400 H 0B 00	FAST-400 230V	8A	223
MR20 S1 30H 0G 00	RAYWIN-R20/300 230V basic	8A	225
MR20 S1 30L 0G 00	RAYWIN-R20/300 24V basic	8A	225
MR45 S1 20H 0G 00	RAYWIN-R45/200 230V basic	8A	225
MR45 S1 30H 0G 00	RAYWIN-R45/300 230V basic	8A	225
MR45 S1 40H 0G 00	RAYWIN-R45/400 230V basic	8A	225
MR45 S1 20L 0G 00	RAYWIN-R45/200 24V basic	8A	225
MR45 S1 30L 0G 00	RAYWIN-R45/300 24V basic	8A	225
MR45 S1 40L 0G 00	RAYWIN-R45/400 24V basic	8A	225
MR60 S1 30H 0G 00	RAYWIN-R60/300 230V basic	8A	226
MR60 S1 50H 0G 00	RAYWIN-R60/500 230V basic	8A	226
MR60 S1 30L 0G 00	RAYWIN-R60/300 24V basic	8A	226
MR60 S1 50L 0G 00	RAYWIN-R60/500 24V basic	8A	226
MR60 S2 30H 0G 00	RAYWIN-R60/300 230V 2W-NET	8A	226
MR60 S2 50H 0G 00	RAYWIN-R60/500 230V 2W-NET	8A	226
MR60 S2 30L 0G 00	RAYWIN-R60/300 24V 2W-NET	8A	226
MR60 S2 50L 0G 00	RAYWIN-R60/500 24V 2W-NET	8A	226
MR60 S3 30H 0G 00	RAYWIN-R60/300 230V 3W-NET	8A	226
MR60 S3 50H 0G 00	RAYWIN-R60/500 230V 3W-NET	8A	226
MR60 S3 30L 0G 00	RAYWIN-R60/300 24V 3W-NET	8A	226
MR60 S3 50L 0G 00	RAYWIN-R60/500 24V 3W-NET	8A	226
MR60 S4 30H 0G 00	RAYWIN-R60/300 230V 4W-NET	8A	226
MR60 S4 50H 0G 00	RAYWIN-R60/500 230V 4W-NET	8A	226
MR60 S4 30L 0G 00	RAYWIN-R60/300 24V 4W-NET	8A	226
MR60 S4 50L 0G 00	RAYWIN-R60/500 24V 4W-NET	8A	226
MR60 S1 03H 0G 00	RAYWIN-R60/0-300R 230V basic	8A	227



CODE	ART.	CAT.	PAG.
MR60 S1 05H 0G 00	RAYWIN-R60/0-500R 230V basic	8A	227
MR60 S1 03L 0G 00	RAYWIN-R60/0-300R 24V basic	8A	227
MR60 S1 05L 0G 00	RAYWIN-R60/0-500R 24V basic	8A	227
MR00 AS 01N 0G 00	ACCESSORI RAYWIN	8V	224
MR00 AA 01N 0G 00	ACCESSORI RAYWIN	8V	224
MA45 S1 18H 0G 00	AIRWIN-A45/180 230V basic	8A	229
MA45 S1 23H 0G 00	AIRWIN-A45/230 230V basic	8A	229
MA45 S1 35H 0G 00	AIRWIN-A45/350 230V basic	8A	229
MA45 S1 55H 0G 00	AIRWIN-A45/550 230V basic	8A	229
MA45 S1 75H 0G 00	AIRWIN-A45/750 230V basic	8A	229
MA45 S1 0AH 0G 00	AIRWIN-A45/1000 230V basic	8A	229
MA45 S1 18L 0G 00	AIRWIN-A45/180 24V basic	8A	229
MA45 S1 23L 0G 00	AIRWIN-A45/230 24V basic	8A	229
MA45 S1 35L 0G 00	AIRWIN-A45/350 24V basic	8A	229
MA45 S1 55L 0G 00	AIRWIN-A45/550 24V basic	8A	229
MA45 S1 75L 0G 00	AIRWIN-A45/750 24V basic	8A	229
MA45 S1 0AL 0G 00	AIRWIN-A45/1000 24V basic	8A	229
MA65 S1 18H 0G 00	AIRWIN-A65/180 230V basic	8A	230
MA65 S1 23H 0G 00	AIRWIN-A65/230 230V basic	8A	230
MA65 S1 35H 0G 00	AIRWIN-A65/350 230V basic	8A	230
MA65 S1 55H 0G 00	AIRWIN-A65/550 230V basic	8A	230
MA65 S1 75H 0G 00	AIRWIN-A65/750 230V basic	8A	230
MA65 S1 0AH 0G 00	AIRWIN-A65/1000 230V basic	8A	230
MA65 S1 18L 0G 00	AIRWIN-A65/180 24V basic	8A	230
MA65 S1 23L 0G 00	AIRWIN-A65/230 24V basic	8A	230
MA65 S1 35L 0G 00	AIRWIN-A65/350 24V basic	8A	230
MA65 S1 55L 0G 00	AIRWIN-A65/550 24V basic	8A	230
MA65 S1 75L 0G 00	AIRWIN-A65/750 24V basic	8A	230
MA65 S1 0AL 0G 00	AIRWIN-A65/1000 24V basic	8A	230
MA65 S2 18H 0G 00	AIRWIN-A65/180 230V 2W-NET	8A	230
MA65 S2 23H 0G 00	AIRWIN-A65/230 230V 2W-NET	8A	230
MA65 S2 35H 0G 00	AIRWIN-A65/350 230V 2W-NET	8A	230
MA65 S2 55H 0G 00	AIRWIN-A65/550 230V 2W-NET	8A	230
MA65 S2 75H 0G 00	AIRWIN-A65/750 230V 2W-NET	8A	230
MA65 S2 0AH 0G 00	AIRWIN-A65/1000 230V 2W-NET	8A	230
MA65 S2 18L 0G 00	AIRWIN-A65/180 24V 2W-NET	8A	230
MA65 S2 23L 0G 00	AIRWIN-A65/230 24V 2W-NET	8A	230
MA65 S2 35L 0G 00	AIRWIN-A65/350 24V 2W-NET	8A	230
MA65 S2 55L 0G 00	AIRWIN-A65/550 24V 2W-NET	8A	230
MA65 S2 75L 0G 00	AIRWIN-A65/750 24V 2W-NET	8A	230
MA65 S2 0AL 0G 00	AIRWIN-A65/1000 24V 2W-NET	8A	230
MA65 S3 18H 0G 00	AIRWIN-A65/180 230V 3W-NET	8A	231
MA65 S3 23H 0G 00	AIRWIN-A65/230 230V 3W-NET	8A	231
MA65 S3 35H 0G 00	AIRWIN-A65/350 230V 3W-NET	8A	231
MA65 S3 55H 0G 00	AIRWIN-A65/550 230V 3W-NET	8A	231
MA65 S3 75H 0G 00	AIRWIN-A65/750 230V 3W-NET	8A	231
MA65 S3 0AH 0G 00	AIRWIN-A65/1000 230V 3W-NET	8A	231
MA65 S3 18L 0G 00	AIRWIN-A65/180 24V 3W-NET	8A	231
MA65 S3 23L 0G 00	AIRWIN-A65/230 24V 3W-NET	8A	231
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MA65 S4 0AH 0G 00	AIRWIN-A65/1000 230V 4W-NET	8A	231
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MA65 S4 55L 0G 00	AIRWIN-A65/550 24V 4W-NET	8A	231
MA65 S4 75L 0G 00	AIRWIN-A65/750 24V 4W-NET	8A	231
MA65 S4 0AL 0G 00	AIRWIN-A65/1000 24V 4W-NET	8A	231
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MS00 XX 03N 0G 00	ACCESSORI SHOWIN	8V	232
MS00 XX 04N 0G 00	ACCESSORI SHOWIN	8V	232
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MS45 AP 05N 0B 00	ACCESSORI SHOWIN	8V	234
MS45 AP 06N 0B 00	ACCESSORI SHOWIN	8V	234
MS45 AS 01N 0G 00	ACCESSORI SHOWIN	8V	235
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MX00 WB 04H 0B 00	ACCESSORI WBUS	8V	237
MX00 WB 05H 0B 00	ACCESSORI WBUS	8V	237
MX00 WB 06H 0B 00	ACCESSORI WBUS	8V	237
MX00 WB 07H 0B 00	ACCESSORI WBUS	8V	237
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MA65 WB 55H 0G 00	AIRWIN-A65/550 230V WBUS	8A	238
MA65 WB 75H 0G 00	AIRWIN-A65/750 230V WBUS	8A	238
MA65 WB 0AH 0G 00	AIRWIN-A65/1000 230V WBUS	8A	238
MA65 RB 18H 0G 00	AIRWIN-A65/180 230V WBUS+R	8A	239
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MA65 RB 35H 0G 00	AIRWIN-A65/350 230V WBUS+R	8A	239
MA65 RB 55H 0G 00	AIRWIN-A65/550 230V WBUS+R	8A	239
MA65 RB 75H 0G 00	AIRWIN-A65/750 230V WBUS+R	8A	239
MA65 RB 0AH 0G 00	AIRWIN-A65/1000 230V WBUS+R	8A	239
MA65 WB 18L 0G 00	AIRWIN-A65/180 24V WBUS	8A	239
MA65 WB 23L 0G 00	AIRWIN-A65/230 24V WBUS	8A	239
MA65 WB 35L 0G 00	AIRWIN-A65/350 24V WBUS	8A	239
MA65 WB 55L 0G 00	AIRWIN-A65/550 24V WBUS	8A	239
MA65 WB 75L 0G 00	AIRWIN-A65/750 24V WBUS	8A	239
MA65 WB 0AL 0G 00	AIRWIN-A65/1000 24V WBUS	8A	239
MA65 RB 18L 0G 00	AIRWIN-A65/180 24V WBUS+R	8A	239
MA65 RB 23L 0G 00	AIRWIN-A65/230 24V WBUS+R	8A	239
MA65 RB 35L 0G 00	AIRWIN-A65/350 24V WBUS+R	8A	239
MA65 RB 55L 0G 00	AIRWIN-A65/550 24V WBUS+R	8A	239
MA65 RB 75L 0G 00	AIRWIN-A65/750 24V WBUS+R	8A	239
MA65 RB 0AL 0G 00	AIRWIN-A65/1000 24V WBUS+R	8A	239
MR60 WB 30H 0G 00	RAYWIN-R60-300 230V WBUS	8A	239
MR60 WB 50H 0G 00	RAYWIN-R60-500 230V WBUS	8A	239
MR60 RB 30H 0G 00	RAYWIN-R60-300 230V WBUS+R	8A	239
MR60 RB 50H 0G 00	RAYWIN-R60-500 230V WBUS+R	8A	239
MR60 WB 30L 0G 00	RAYWIN-R60-300 24V WBUS	8A	239
MR60 WB 50L 0G 00	RAYWIN-R60-500 24V WBUS	8A	239
MR60 RB 30L 0G 00	RAYWIN-R60-300 24V WBUS+R	8A	239
MR60 RB 50L 0G 00	RAYWIN-R60-500 24V WBUS+R	8A	239

1. GENERALITÀ

- 1.1 Il presente documento si rivolge ai clienti (di seguito "Clienti") di FRATELLI COMUNELLO SPA (di seguito "FRATELLI COMUNELLO SPA").
- 1.2 Esso intende definire le disposizioni che disciplineranno tutti i contratti d'acquisto stipulati tra FRATELLI COMUNELLO SPA e ciascun Cliente (di seguito "Condizioni Generali di Vendita").
- 1.3 I contratti d'acquisto assoggettati alle Condizioni Generali di Vendita hanno ad oggetto i prodotti con marchio COMUNELLO (di seguito "Prodotti").

2. OFFERTE PREVENTIVI

- 2.1 Le offerte formulate da FRATELLI COMUNELLO SPA ai Clienti conservano efficacia per un periodo massimo di 20 (venti) giorni dalla data di invio delle stesse.

3. ORDINI

- 3.1 Ai sensi dell'articolo 1329 c.c., gli ordini d'acquisto sottoscritti dai Clienti ed indirizzati a FRATELLI COMUNELLO SPA costituiscono proposta ferma ed irrevocabile per un periodo di 30 (trenta) giorni dalla data della loro ricezione da parte di FRATELLI COMUNELLO SPA.
- 3.2 Il contratto d'acquisto si perfeziona con:
- a) la conferma scritta dell'ordine d'acquisto da parte di FRATELLI COMUNELLO SPA;
- b) con l'esecuzione materiale dell'ordine d'acquisto da parte di FRATELLI COMUNELLO SPA.
- 3.3 Qualsiasi modifica o integrazione di singole disposizioni delle Condizioni Generali di Vendita o dell'ordine d'acquisto sono prive di efficacia se non espressamente approvate per iscritto da FRATELLI COMUNELLO SPA. In caso di modifiche all'ordine d'acquisto, FRATELLI COMUNELLO SPA si riserva il diritto di annullare sia le modifiche sia l'ordine d'acquisto originario.
- 3.4 La data di consegna dei Prodotti indicata negli ordini d'acquisto ha sempre e comunque valore esclusivamente indicativo ed eventuali ritardi rispetto a tale termine non costituiscono titolo per richieste risarcitorie o per azione di risoluzione del contratto. In particolare FRATELLI COMUNELLO SPA si riserva la facoltà di prorogare i termini di consegna nonché di annullare l'ordine d'acquisto per cause di forza maggiore o eventi non dipendenti dalla sua volontà; cambiamento della situazione giuridica del Cliente; difficoltà di approvvigionamenti di materie prime e componenti.

4. CONSEGNA E SPEDIZIONE

- 4.1 I Prodotti vengono consegnati nel luogo di produzione ovvero presso la sede legale di FRATELLI COMUNELLO SPA (di seguito "Consegna").
- 4.2 Nel caso in cui i Prodotti siano consegnati Ex-works Rosà (V) INCOTERMS 2010, il passaggio del rischio si realizza dal momento della Consegna dei Prodotti da parte di FRATELLI COMUNELLO SPA al Cliente, il quale assume inoltre i costi del trasporto.
- 4.3 Salvo diverso accordo, FRATELLI COMUNELLO SPA stabilisce, in nome e per conto del Cliente, il tipo di spedizione, la via di trasporto e il vettore.
- 4.4 FRATELLI COMUNELLO SPA si riserva la facoltà di effettuare esecuzioni o Consegne parziali degli ordini d'acquisto. Il Cliente non potrà sollevare contestazione alcuna in ordine a consegne frazionate e/o parziali. Tutte le Consegne parziali verranno fatturate autonomamente ed i termini di pagamento decorreranno dalla data di ciascuna fattura. Il pagamento delle Consegne parziali non potrà essere differito all'ultimazione delle Consegne relative all'ordine d'acquisto originario. Anche in caso di consegne parziali, troverà applicazione quanto stabilito dall'articolo 4.1.

5. PREZZI E LISTINI

- 5.1 Per prezzo si intende quello indicato nell'ultimo listino FRATELLI COMUNELLO SPA, per i Prodotti consegnati al Cliente, imballaggio normale compreso, e spese di spedizione escluse (di seguito "Prezzo"). L'ultimo listino emesso da FRATELLI COMUNELLO SPA annulla tutti i listini precedenti.

6. PAGAMENTO

- 6.1 Il pagamento del Prezzo dovrà avvenire entro il termine pattuito. Fatto salvo il maggior danno, il mancato pagamento del Prezzo entro tale termine determinerà la decorrenza di interessi per il ritardo di pagamento nelle transazioni commerciali, nella misura prevista dal D. Lgs. n. 231 del 9.10.2002 e successive modifiche ed integrazioni. Tali interessi decorreranno dalla scadenza del termine di pagamento.
- 6.2 Il Cliente non potrà proporre domande né formulare eccezioni nei confronti di FRATELLI COMUNELLO SPA se non dopo aver provveduto al pagamento del Prezzo.
- 6.3 In caso di irregolarità nei pagamenti, FRATELLI COMUNELLO SPA si riserva il diritto di bloccare tutti gli ordini d'acquisto nonché tutte le Consegne in corso, senza alcun preavviso né diritto di risarcimento di alcun danno.

7. RESI E RECLAMI

- 7.1 Tutti i reclami devono essere formulati per iscritto entro 8 (otto) giorni dalla ricezione dei Prodotti, siano essi relativi alla quantità o alla qualità dei Prodotti consegnati.
- 7.2 I resi dei Prodotti consegnati verranno accettati da FRATELLI COMUNELLO SPA soltanto previo accordo scritto ed esclusivamente con riguardo a Prodotti nuovi e completi di imballaggio originale.
- 7.3 I resi dovranno essere accompagnati dall'apposito documento di trasporto di reso, indicante l'autorizzazione scritta di FRATELLI COMUNELLO SPA nonché la quantità e la qualità dei Prodotti.
- 7.4 I resi non potranno considerarsi accettati da FRATELLI COMUNELLO SPA se non effettuati con le modalità di cui sopra ed in particolare non potrà intendersi quale accettazione di resi la presa in consegna di Prodotti presso la sede o i depositi di FRATELLI COMUNELLO SPA.
- 7.5 Resta inteso che l'accredito riferito a resi non dovuti a cause imputabili alla FRATELLI COMUNELLO SPA, subirà un deprezzamento del 30%.

8. GARANZIA

- 8.1 La presente garanzia nei rapporti commerciali o in caso di vendita di beni per uso professionale è fornita in ottemperanza dell'articolo 1512 del Codice Civile italiano e, salvo diversi accordi tra le Parti,

essa è limitata alla riparazione o sostituzione del pezzo del Prodotto riconosciuto da FRATELLI COMUNELLO SPA quale difettoso mediante Prodotti rigenerati equivalenti (di seguito "Garanzia Convenzionale").

8.2 E' esclusa l'applicazione della disciplina dettata dagli articoli 1490-1495 del Codice Civile, in materia di garanzia legale.

- 8.3 FRATELLI COMUNELLO SPA garantisce il funzionamento dei Prodotti. Salvo diverso accordo, la validità della Garanzia Convenzionale è di 24 (ventiquattro) mesi dalla data di produzione, rilevabile sui Prodotti. Per i motori tubolari linea Showin la garanzia è di 60 (sessanta) mesi dalla data di produzione, mentre per i restanti prodotti della linea Mowin la garanzia è di 36 (trentasei) mesi dalla data di produzione. La Garanzia Convenzionale è subordinata al rispetto delle caratteristiche tecniche e alle corrette modalità di installazione secondo la regola dell'arte, sicurezza, manutenzione e conformità d'utilizzo, espressamente indicate nella documentazione tecnica dei Prodotti.
- 8.4 La garanzia non comprende: avarie o danni causati dal trasporto; avarie o danni causati da vizi dell'impianto elettrico presente presso l'acquirente il prodotto e/o da trascuratezza, negligenza, inadeguatezza, uso anomalo di tale impianto; avarie o danni dovuti a manomissioni poste in essere da parte di personale non autorizzato o conseguenti allo scorretto uso/installazione (a questo proposito, si consiglia una manutenzione del sistema almeno ogni sei mesi) o all'impiego di pezzi di ricambio non originali; difetti causati da agenti chimici e/o fenomeni atmosferici. La garanzia non comprende il costo per materiale di consumo né quello per vizi presunti o verifiche di comodo.
- 8.5 Termini attuativi: salvo diverso accordo, il diritto alla Garanzia Convenzionale si esercita esibendo copia del documento di acquisto (fattura fiscale) a FRATELLI COMUNELLO SPA. Il Cliente deve denunciare il difetto a FRATELLI COMUNELLO SPA entro il termine di decadenza di 30 (trenta) giorni dalla scoperta. L'azione deve essere esercitata entro il termine di prescrizione di 6 (sei) mesi dalla scoperta. I pezzi dei Prodotti per i quali viene richiesta l'attivazione della Garanzia Convenzionale devono essere spediti dal Cliente presso FRATELLI COMUNELLO SPA Via Cassola 64 c.p. 79, 36027 Rosà (VI) Italia.
- 8.6 Il Cliente non potrà richiedere il risarcimento di danni indiretti, mancati profitti, perdita di produzione ed in ogni caso non potrà pretendere a titolo di risarcimento somme superiori al valore dei componenti o dei Prodotti forniti. Tutte le spese per il trasporto dei Prodotti da riparare o riparati, anche se coperti dalla Garanzia Convenzionale, sono a carico del Cliente.
- 8.7 Nessun intervento esterno effettuato dal personale tecnico di FRATELLI COMUNELLO SPA è coperto dalla Garanzia Convenzionale.
- 8.8 Modifiche specifiche delle condizioni della Garanzia Convenzionale qui descritte possono essere definite dalle parti nei propri contratti commerciali.

9. RIPARAZIONI

- 9.1 Le riparazioni dei Prodotti richieste dal Cliente verranno effettuate da FRATELLI COMUNELLO SPA, previo accordo sul costo dell'intervento. In ogni caso le spese per la manodopera e quelle di spedizione (andata e ritorno) rimarranno a carico del Cliente.

10. RISERVA DI PROPRIETÀ

- 10.1 Per convenzione espressa, i Prodotti rimangono di proprietà di FRATELLI COMUNELLO SPA fino al saldo integrale del Prezzo da parte del Cliente, indipendentemente da chi abbia la detenzione dei Prodotti. Le spese di trasporto e le altre necessarie al recupero dei Prodotti così come le spese straordinarie e quelle ripetibili, saranno a carico del Cliente.

11. BREVETTI, MARCHI E SEGNI DISTINTIVI

- 11.1 Il Cliente è a conoscenza del fatto che i Prodotti sono coperti da brevetti e sono oggetto di Know-How e design costituenti proprietà esclusiva di FRATELLI COMUNELLO SPA, a norma del Codice della Proprietà Industriale.
- 11.2 E' fatto espresso divieto al Cliente di violare tali diritti di FRATELLI COMUNELLO SPA ed in ogni caso il Cliente non potrà in alcun modo rimuovere, sopprimere o comunque alterare marchi ed altri segni distintivi o sigle di qualsiasi genere apposti ai Prodotti, così come è fatto divieto di apporre di nuovi di qualsiasi natura. E' vietata inoltre qualsiasi forma di riproduzione od utilizzo del marchio FRATELLI COMUNELLO SPA e di ogni altro segno distintivo presente sui Prodotti, salvo autorizzazione scritta di FRATELLI COMUNELLO SPA.

12. CLAUSOLA RISOLUTIVA ESPRESSA

- 12.1 Ai sensi e per gli effetti dell'articolo 1456 del Codice Civile, il mancato o il ritardato pagamento superiore ai dieci giorni, anche parziale, del Prezzo da parte del Cliente, secondo le modalità di cui all'articolo 6 delle presenti Condizioni Generali di Vendita, comporterà la risoluzione del contratto di acquisto, con diritto per FRATELLI COMUNELLO SPA di chiedere al Cliente il risarcimento dei danni patiti, oltre alla restituzione dei Prodotti rispetto ai quali il Cliente non abbia pagato il Prezzo.
- 12.2 La comunicazione di cui al punto precedente sarà trasmessa tramite raccomandata a.r. o tramite Pec.

13. ACCORDI TRA LE PARTI

- 13.1 In caso di accordi, preesistenti o sopravvenuti, tra FRATELLI COMUNELLO SPA ed il Cliente, in relazione a resi e modalità di pagamento, tali accordi prevorranno su quanto a riguardo stabilito dalle Condizioni Generali di Vendita.

14. LEGGE APPLICABILE E FORO COMPETENTE

- 14.1 I contratti di acquisto conclusi secondo le Condizioni Generali di Vendita sono soggetti e devono essere interpretati secondo le norme di legge italiane, con esclusione di qualsiasi altro diritto.
- 14.2 Tutte le controversie che dovessero sorgere in merito ai suddetti contratti d'acquisto saranno assoggettate alla giurisdizione italiana e rimesse alla competenza esclusiva del Tribunale di Vicenza (Italia). Il contenuto di questo catalogo è da ritenersi suscettibile di modifica in qualsiasi momento e senza obbligo di preavviso da parte di Fratelli Comunello SPA.

GENERAL TERMS OF SALE**1. GENERAL**

- 1.1 This document is directed at the customers (hereinafter referred to as "Customers") of FRATELLI COMUNELLO SPA (hereinafter referred to as "FRATELLI COMUNELLO SPA").
- 1.2 It is intended to define the provisions regulating all purchase contracts entered into between FRATELLI COMUNELLO SPA and each Customer (hereinafter referred to as "General Conditions of Sale").
- 1.3 Purchase agreements subject to the General Conditions of Sale cover Products bearing the COMUNELLO brand (hereinafter referred to as "the Products").

2. PRELIMINARY OFFERS

- 2.1 Offers put forward by FRATELLI COMUNELLO to the Customers shall be valid for a maximum period of 20 (twenty) days from the date on which they are sent.

3. ORDERS

- 3.1 Pursuant to article 1329 of the Italian Civil Code, purchase orders signed by the Customers and addressed to FRATELLI COMUNELLO SPA constitute an established, irrevocable offer, valid for a period of 30 (thirty) days from the date on which they are received by FRATELLI COMUNELLO SPA.
- 3.2 The purchase agreement is executed once:
- a) the purchase order is confirmed in writing by FRATELLI COMUNELLO SPA;
 - b) the purchase order is physically processed by FRATELLI COMUNELLO SPA.
- 3.3 Variations or additions to the individual provisions contained in the General Conditions of Sale or the purchase order will only be effective if expressly approved in writing by FRATELLI COMUNELLO SPA. If the purchase order is modified, FRATELLI COMUNELLO SPA reserves the right to cancel both the variations made and the original purchase order.
- 3.4 The date indicated in purchase orders for the delivery of the Products is always and in any event intended merely as an indication and any delays beyond the fixed date will not justify any claims for compensation or actions to terminate the agreement. More precisely, FRATELLI COMUNELLO SPA reserves the right to extend the delivery terms and to cancel the purchase order due to events of force majeure or events that are beyond its control; a change in the Customer's legal status; difficulties affecting the supply of raw materials or components.

4. DELIVERY AND SHIPMENT

- 4.1 The Products are delivered to either the production premises or the registered office of FRATELLI COMUNELLO SPA (hereinafter referred to as "Delivery").
- 4.2 If the Products are delivered Ex-works Rosà (V) INCOTERMS 2010, risk will pass at the time of Delivery of the Products by FRATELLI COMUNELLO SPA to the Customer, who will also bear the transportation costs.
- 4.3 Unless otherwise agreed, FRATELLI COMUNELLO SPA establishes, in the Customer's name and on its behalf, the transportation route and carrier.
- 4.4 FRATELLI COMUNELLO SPA reserves the right to process partially or make partial Deliveries of purchase orders. The Customer may not make any objection regarding fractioned and/or partial deliveries. All partial Deliveries must be invoiced separately and the terms for payment will run from the date of each invoice. Payment of partial Deliveries may not be postponed until the final Delivery under the original purchase order. In the case of partial deliveries, the provisions contained in clause 4.1 will apply.

5. PRICES AND PRICE LISTS

- 5.1 The term price refers to that indicated in the latest FRATELLI COMUNELLO SPA price list, for the Products delivered to the Customer, normal packaging included, shipping costs excluded (hereinafter referred to as the "Price"). The latest price list issued by FRATELLI COMUNELLO SPA invalidates all previous price lists.

6. PAYMENT

- 6.1 The Price must be settled by the agreed date. Without prejudice to the right to claim further damage, failure to pay the Price by that date will give rise to the payment of interest for delay in commercial transactions, at the rate envisaged in Legislative Decree no. 231 dated 9.10.2002 and subsequent amendments and additions thereto. This interest will run from the date on which payment should have been made.
- 6.2 The Customer may not make applications or complaints to FRATELLI COMUNELLO SPA until the Price has been settled.
- 6.3 If payments have not been duly made, FRATELLI COMUNELLO SPA reserves the right to block all purchase orders and all Deliveries underway, without giving any prior notice or creating any right to compensation for any damage incurred.

7. RETURNED GOODS AND COMPLAINTS

- 7.1 All complaints must be made in writing within 8 (eight) days from receipt of the Products, whether they relate to either the quantity or the quality of the Products delivered.
- 7.2 Returned Products will only be accepted by FRATELLI COMUNELLO SPA if first agreed upon in writing and exclusively in relation to Products which are new and intact and still in their original packaging.
- 7.3 Goods returned must be accompanied by an appropriate transportation document for the return of merchandise, referring to the written authorisation obtained from FRATELLI COMUNELLO SPA and the quantity and quality of the Products.
- 7.4 Returned goods will not be held to have been accepted by FRATELLI COMUNELLO SPA if not delivered in the manner described above and, in particular, the delivery of the Products to the registered office or storage premises or FRATELLI COMUNELLO SPA will not be considered as an acceptance of returned goods.
- 7.5 It is understood that any amount credited with reference to goods returned for reasons that are not attributable to FRATELLI COMUNELLO SPA will be decreased by 30%.

8. WARRANTY

- 8.1 This warranty is supplied as part of commercial dealings or in the event of the sale of goods for professional use in keeping with article 1512 of the Italian Civil Code and, unless otherwise agreed by the Parties, is limited to the repair or replacement of the Product parts recognised by FRATELLI

COMUNELLO SPA as defective with equivalent repaired Products (hereinafter referred to as the "Standard Warranty").

- 8.2 The provisions contained in articles 1490-1495 of the Italian Civil Code, relating to legal warranties, do not apply.
- 8.3 FRATELLI COMUNELLO SPA warrants that the Products are in good working order. Unless otherwise agreed, the Standard Warranty is valid for a period of 24 (twenty-four) months from the date of production, established for the Products. The warranty for the tubular motors in the Showin line is valid for 60 (sixty) months from the date of production, whilst for the remaining Products in the Mowin line the warranty is valid for a period of 36 (thirty-six) months from the date of production. The validity of the Standard Warranty is conditional upon conformity of the technical characteristics and adoption of correct installation, executed in a workmanlike manner, safety and maintenance methods and conformity of use, expressly indicated in the technical documentation accompanying the Products.
- 8.4 The warranty does not cover: faults or damage caused by transportation; faults or damage caused by defects in the electric supply system installed at the premises of the purchaser of the Product and/or negligence, inadequacy or improper use of that system; faults or damage resulting from tampering on the part of non-authorised personnel or as a result of incorrect use/installation (in this regard, we recommend that the system be serviced at least every six months) or utilisation of non-original spare parts; defects caused by chemical agents and/or atmospheric conditions. The warranty does not cover the cost of expendable material nor expenses stemming from presumed defects or unnecessary inspections.
- 8.5 Implementation of warranty: unless otherwise agreed, the right to apply the Standard Warranty is exercised by presenting a copy of the purchase document (fiscal invoice) to FRATELLI COMUNELLO SPA. The Customer must report the defect to FRATELLI COMUNELLO SPA within a period of 30 (thirty) days from the date on which it is discovered. Action must be taken within the statutory limitation period of 6 (six) months from the date of discovery. The parts of the Products for which a claim is made under the Standard Warranty must be sent by the Customer to FRATELLI COMUNELLO SPA Via Cassola 64 c.p. 79, 36027 Rosà (VI) Italy.
- 8.6 The Customer may not claim compensation for consequential damage, loss of profit, loss of production or may not in any event claim as compensation sums exceeding the value of the components or the Products supplied. All expenses relating to the transportation of the Products to be repaired or repaired, even if covered by the Standard Warranty, are borne by the Customer.
- 8.7 No external operation carried out by FRATELLI COMUNELLO SPA technical staff is covered by the Standard Warranty.
- 8.8 Specific modifications to the conditions contained in the Standard Warranty described herein may be established by the Parties in their sales agreements.

9. REPAIRS

- 9.1 Repairs to the Products requested by the Customer will be carried out by FRATELLI COMUNELLO SPA, having first agreed on the cost of the operation. In any event labour and transportation (to and from its premises) will be borne by the Customer.

10. RETENTION OF TITLE

- 10.1 It is expressly agreed that title to the Products will remain with FRATELLI COMUNELLO SPA until the Price has been fully settled by the Customer, regardless of whether it has possession of the said Products. Transportation costs and other expenses proving necessary to recover Products, such as extraordinary and recurring expenses, will be borne by the Customer.

11. PATENTS, TRADEMARKS AND DISTINCTIVE SIGNS

- 11.1 The Customer is aware of the fact that the Products are covered by patents and are the subject of Know-How and designs owned exclusively by FRATELLI COMUNELLO SPA, in keeping with the Italian Industrial Property Code.
- 11.2 It is expressly directed that the Customer must not under any circumstances infringe the rights of FRATELLI COMUNELLO SPA and the Customer may not in any event remove, delete or in any way alter trademarks or other distinctive signs or marks of any kind affixed to the Products, nor may it affix to them new marks or signs of any kind. No form of reproduction or use of the FRATELLI COMUNELLO SPA trademark or any other distinctive sign attached to the Products is permitted, without written authorisation from FRATELLI COMUNELLO SPA.

12. EXPRESS TERMINATION

- 12.1 Within the meaning and for the purposes envisaged in article 1456 of the Italian Civil Code, default in payment or payment delayed beyond ten days of the Price by the Customer, even if only partial, in the manner described in clause 6 of these General Conditions of Sale, will result in the termination of the purchase agreement and entitle FRATELLI COMUNELLO SPA to demand compensation of damage incurred from the Customer, as well as the return of those Products for which the Customer has not yet paid the Price.
- 12.2 The notice referred to in the previous sub-clause must be transmitted by registered mail with advice of receipt or by certified electronic mail.

13. AGREEMENTS BETWEEN THE PARTIES

- 13.1 Any agreements, already existing or entered into subsequently, between FRATELLI COMUNELLO SPA and the Customer, in relation to returned goods and methods of payment will prevail over the provisions contained in the General Conditions of Sale.

14. APPLICABLE LAW AND JURISDICTION

- 14.1 Purchase agreements stipulated in accordance with the General Conditions of Sale are subject to and must be construed in accordance with Italian law, excluding any other legislation or laws.
- 14.2 Any dispute that may arise in relation to the aforementioned purchase agreements shall be subject to Italian jurisdiction and referred exclusively to the Court of Vicenza (Italy). The contents of this catalogue may be modified at any time without the need for prior notice from Fratelli Comunello SPA.

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