

# Produttori di Ferramenta per Ferro

Specializzati in accessori per la sicurezza

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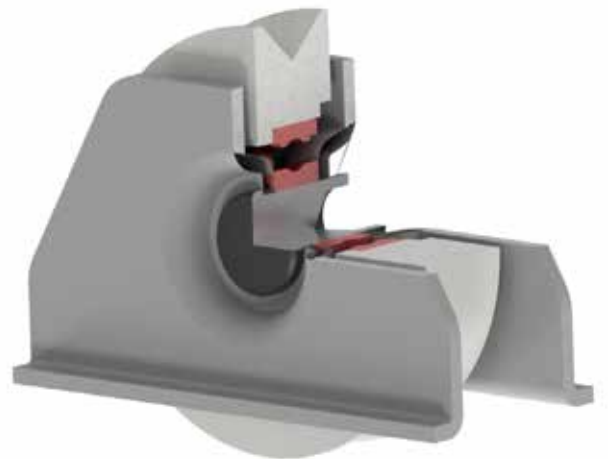
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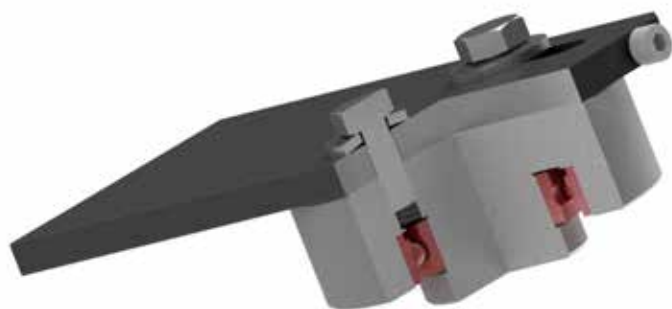
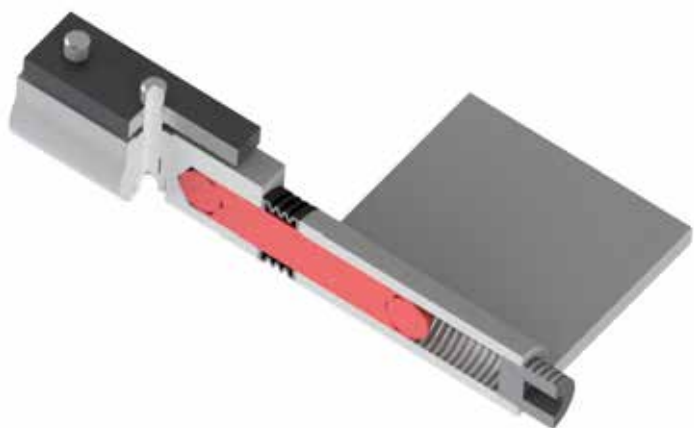
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 RIFERIMENTI AZIENDALI

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# AZIENDA CERTIFICATA UNI EN ISO 9001:2015



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IQNet, the association of the world's first class certification bodies, is the largest provider of management System Certification in the world. IQNet is composed of more than 30 bodies and counts over 150 subsidiaries all over the globe.

**CERTIFICATO N. SQ062473  
CERTIFICATE N.**

SI CERTIFICA CHE IL SISTEMA DI GESTIONE PER LA QUALITÀ DI  
WE HEREBY CERTIFY THAT THE QUALITY MANAGEMENT SYSTEM OPERATED BY

**PETTITI GIUSEPPE SRL**

STRADA VICINALE SAN GIORGIO, 19 - 10036 SETTIMO TORINESE (TO)

UNITÀ OPERATIVE / OPERATIVE UNITS

STRADA VICINALE SAN GIORGIO, 19 - 10036 SETTIMO TORINESE (TO)

E' CONFORME ALLA NORMA / IS IN COMPLIANCE WITH THE STANDARD  
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PER LE SEGUENTI ATTIVITÀ / FOR THE FOLLOWING ACTIVITIES

Progettazione, produzione e commercializzazione di accessori per porte scorrevoli, serramenti metallici ed arredamento in genere e forniture di particolari meccanici su disegno proprio o del cliente. Commercializzazione di accessori vari settore ferramenta ed edilizia.  
*Design, production and marketing of accessories for sliding doors, metal frames and furniture in general and furniture of mechanical parts based on own or customer's design.  
Marketing of various accessories for the hardware and construction sector.*

Ulteriori informazioni riguardanti l'applicabilità dei requisiti ISO 9001:2015 possono essere ottenute consultando l'organizzazione  
Further clarifications regarding the applicability of ISO 9001:2015 requirements may be obtained by consulting the organization

IL PRESENTE CERTIFICATO E' SOGGETTO AL RISPETTO DEL  
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THE USE AND THE VALIDITY OF THE CERTIFICATE SHALL SATISFY THE  
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# ACCESSORI PER PORTE/ PORTONI SCORREVOLI

■ CARRELLI, MONOROTAIE ED ACCESSORI IN ACCIAIO

■ TROLLEYS, RAILS AND ACCESSORIES IN STEEL

■ CHARIOTS, MONORAILS EN ACIER ET ACCESSOIRES







# SERIE MAGNUM

■ ■ CARRELLI ED ACCESSORI PER MONOROTAIA G8E

■ ■ TROLLEYS AND ACCESSORIES FOR RAIL G8E

■ ■ CHARIOTS ET ACCESSOIRES POUR MONORAIL G8E



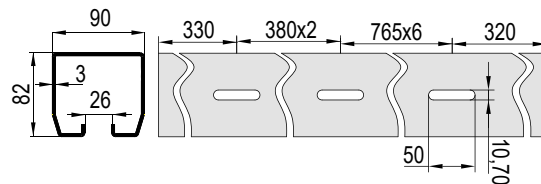
Per coppia di carrelli  
For each pair of trolleys  
Pour couple de chariots

4 ruote  
4 wheels  
4 Roulements **1000**

## MONOROTAIA IN ACCIAIO ZINCATO, CON ASOLE

■ ■ Rail in zinked steel

■ ■ Monorail en acier zingué

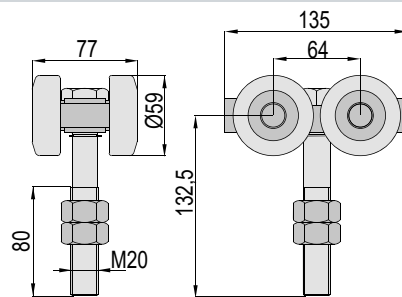


COD.			€/m
G8E	6x6m (36m)	7,000	

## CARRELLO CENTRALE A 4 RUOTE

■ ■ Central trolley with 4 wheels

■ ■ Chariot coulissant à 4 roulements

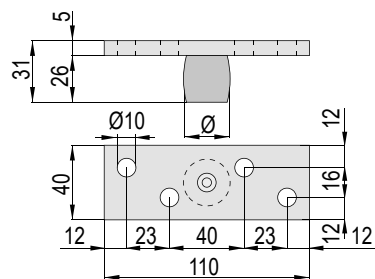


COD.			€/pz
4RMAE	6	2,400	

## PIASTRA FISSA CON OLIVA GIREVOLE IN OTTONE

■ ■ Fixed plate with swivel brass olive

■ ■ Platine fixe avec olive pivotante en laiton

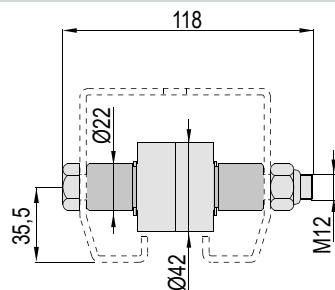


COD.	Ø			€/pz
309/25	25	25	0,270	
309/30	30	25	0,310	

## FERMO DI ARRESTO CON PARACOLPO IN GOMMA

■ ■ Back stop with rubber buffer

■ ■ Ferme d'arrêt avec butoir en caoutchouc

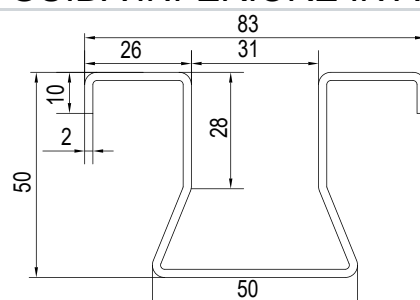


COD.			€/pz
4100E	6	0,350	

## GUIDA INFERIORE IN ACCIAIO ZINCATO

■ ■ Lower guide in zinked steel

■ ■ Guide inférieure en acier zingué

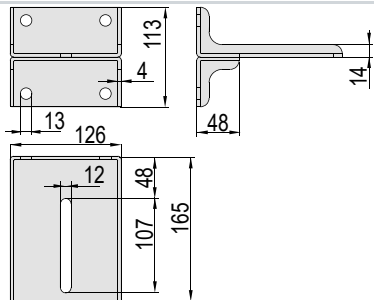


COD.			€/m
G8I	6x6m (36m)	2,730	

## ATTACCO LATERALE REGISTRABILE

Adjustable brecket for rail 8E

Bride pour rail G8E avec réglage



COD.			€/pz
ALG8	4	1,300	

■ ■ Esempio di applicazione con scorrimento lineare.

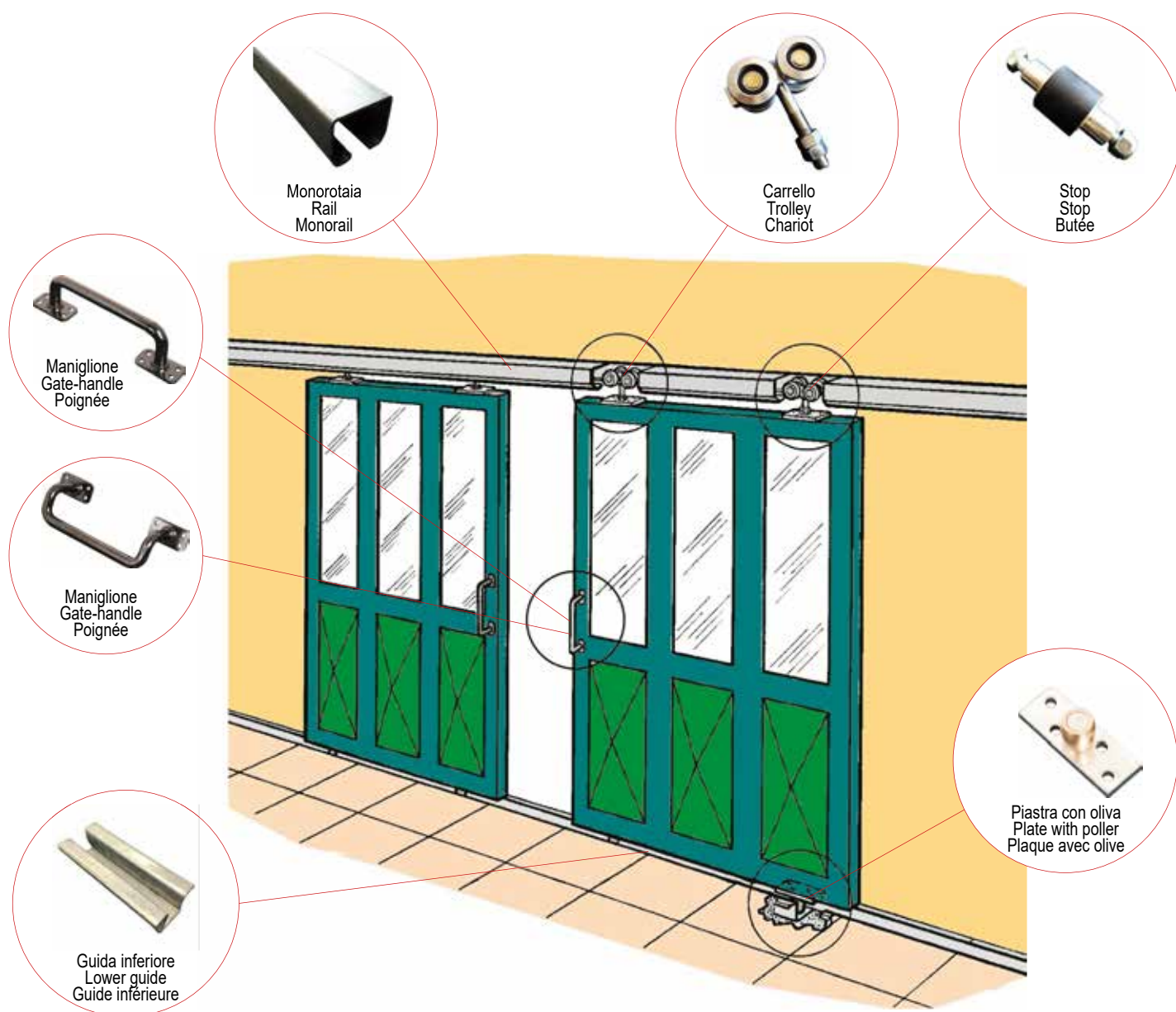
L'applicazione è valida per le serie MAGNUM, SEMPIONE E FREW S

■ ■ Application exemple with linear sliding.

Valid for MAGNUM, SEMPIONE and FREW S

■ ■ Exemple d'application avec roulement linéaire.

L'application est valide pour les séries MAGNUM, SEMPIONE et FREW S





# SERIE SEMPIONE

■ CARRELLI ED ACCESSORI PER MONOROTAIA G9Z

■ TROLLEYS AND ACCESSORIES FOR RAIL G9Z

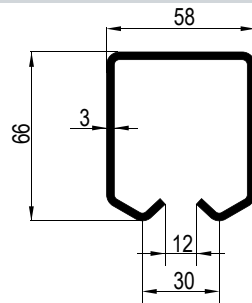
■ CHARIOTS ET ACCESSOIRES POUR MONORAIL G9Z



Per coppia di carrelli  
For each pair of trolleys  
Pour couple de chariots

2 ruote 2 wheels 2 Roulements	400
4 ruote 4 wheels 4 Roulements	750

## MONOROTAIA IN ACCIAIO ZINCATO

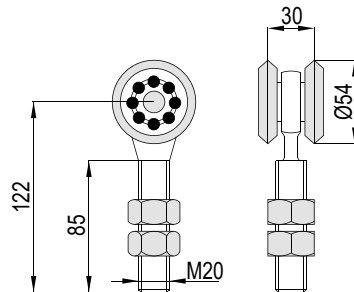


■ Zinked steel rail

■ Monorail en acier zingué

COD.			€/m
G9Z	6x6m (36m)	4,980	

## CARRELLO FISSO A 2 RUOTE

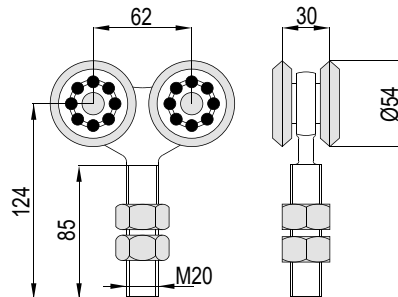


■ Fixed trolley with 2 wheels

■ Chariot fixe à 2 roulements

COD.	Ruote Wheels Roulements			€/pz
2RG	Cementate Cemented Cimentés	8	0,750	
2RG/C	Zincate Zinked Zingué	8	0,750	

## CARRELLO FISSO A 4 RUOTE

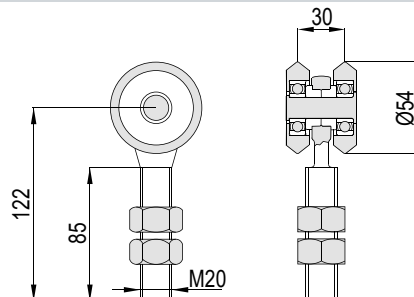


■ Fixed trolley with 4 wheels

■ Chariot fixe à 4 roulements

COD.	Ruote Wheels Roulements			€/pz
4RG	Cementate Cemented Cimentés	4	1,250	
4RG/C	Zincate Zinked Zingué	4	1,250	

## CARRELLO FISSO A 2 RUOTE ZINcate CON CUSCINETTI COMMERCIALI

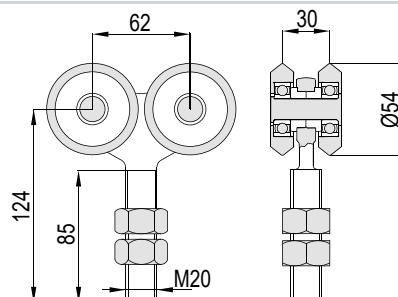


■ Fixed trolley with 2 zinked wheels and commercial bearings

■ Chariot fixe à 2 roulements zingué avec coussinets commerciaux

COD.			€/pz
2RG/CU	8	0,750	

## CARRELLO FISSO A 4 RUOTE ZINcate CON CUSCINETTI COMMERCIALI



■ Fixed trolley with 4 zinked wheels and commercial bearings

■ Chariot fixe à 4 roulements zingué avec coussinets commerciaux

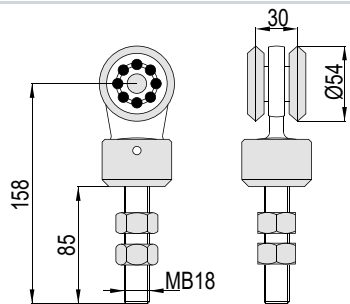
COD.			€/pz
4RG/CU	4	1,250	

Art. 4RG/C AD ESAURIMENTO  
Art. 4RG/C AD ESURIMENT  
Art. 4RG/C A ÉPUISSEMENT

### CARRELLO GIREVOLE A 2 RUOTE CEMENTATE

Swivel trolley with 2 cemented wheels

Chariot pivotant à 2 roulements cimentés

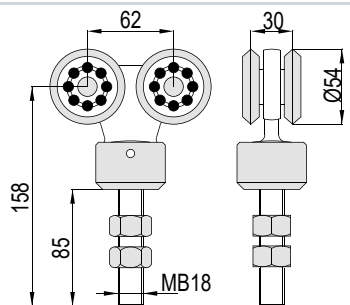


COD.			€/pz
<b>2RGS</b>	6	1,250	

### CARRELLO GIREVOLE A 4 RUOTE CEMENTATE

Swivel trolley with 4 cemented wheels

Chariot pivotant à 4 roulements cimentés

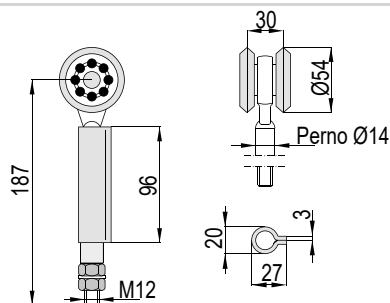


COD.			€/pz
<b>4RGS</b>	4	1,800	

### CARRELLO FISSO A 2 RUOTE CEMENTATE CON CERNIERA

Fixed trolley with 2 cemented wheels and hinge

Chariot fixe à 2 roulements cimentés, avec charnière

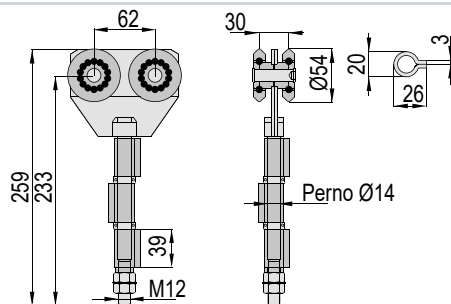


COD.			€/pz
<b>2RGM</b>	12	0,820	

### CARRELLO FISSO A 4 RUOTE CEMENTATE CON CERNIERA

Fixed trolley with 4 cemented wheels and hinge

Chariot fixe à 4 roulements cimentés, avec charnière

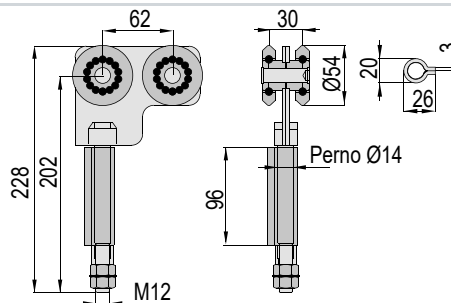


COD.			€/pz
<b>4RGM</b>	6	1,420	

### CARRELLO LATERALE A 4 RUOTE CEMENTATE CON CERNIERA

Lateral trolley with 4 cemented wheels and hinge

Chariot à 4 roulements cimentés, avec charnière

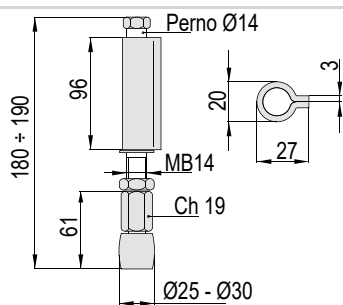


COD.			€/pz
<b>4RGMT</b>	6	1,380	

### PERNO GUIDA INFERIORE CON OLIVA E CERNIERA

Lower guide pin with olive and hinge

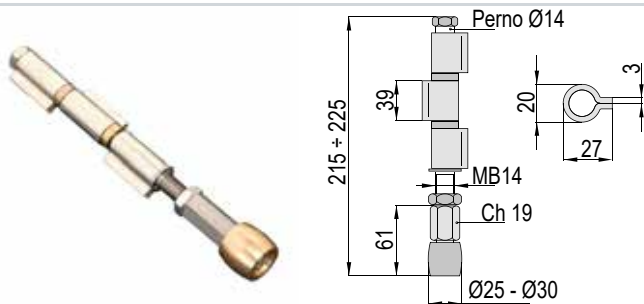
Pivot guide inférieure avec olive et charnière



COD.			€/pz
<b>309M-25</b>	20	0,460	
<b>309M-30</b>	20	0,500	



**PERNO GUIDA INFERIORE CON OLIVA E CERNIERA**

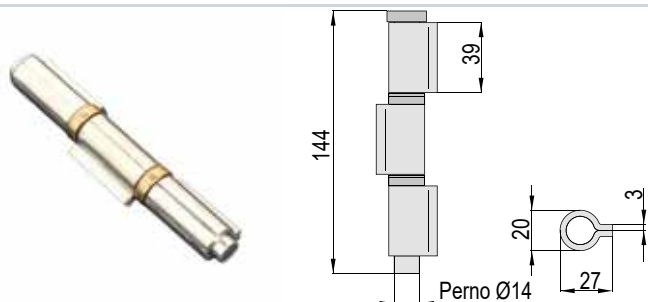


Lower guide pin with olive and hinge

Pivot guide inférieure avec olive et charnière

COD.			€/pz
309M/3-25	20	0,540	
309M/3-30	20	0,580	

**CERNIERA A 3 ALI SU CUSCINETTI REGGISPINTA CEMENTATI**

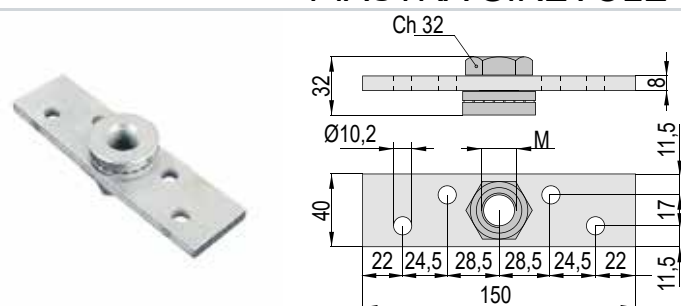


3 wings hinge, on cemented thrust bearings

Charnière à 3 ailes, sur roulements cimentés

COD.			€/pz
1700/3C	10	0,370	

**PIASTRA GIREVOLE SU SFERE**

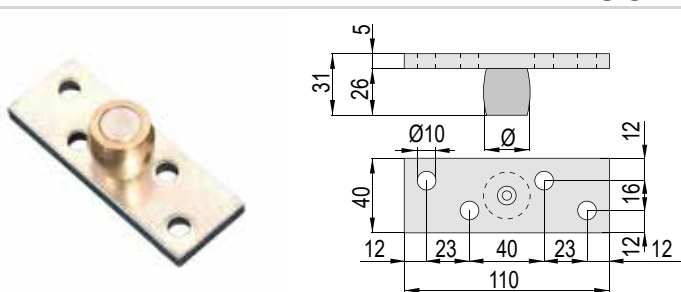


Swivel plate on balls

Platine articulée sur billes

COD.	M			€/pz
209S	20	20	0,460	
209S/18	18	20	0,460	

**PIASTRA FISSA CON OLIVA GIREVOLE IN OTTONE**

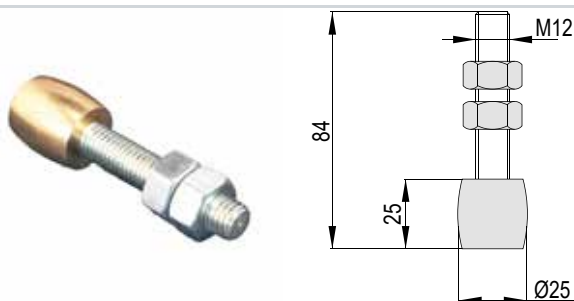


Fixed plate with swivel brass olive

Platine fixe avec olive pivotante en laiton

COD.	Ø			€/pz
309/25	25	25	0,270	
309/30	30	25	0,310	

**PERNO GUIDA CON OLIVA IN OTTONE**

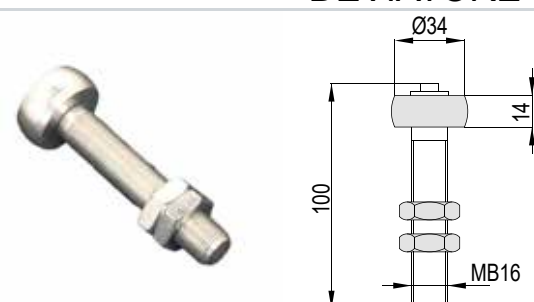


Guide pin with brass olive

Pivot guide avec olive en laiton

COD.			€/pz
311P	50	0,150	

**DEVIATORE CON RULLO DI GUIDA**

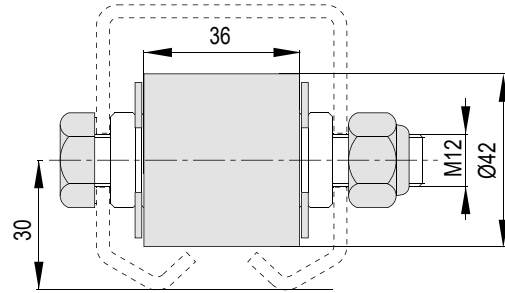


Switch with guide roller

Déviateur avec rouleau de guide

COD.			€/pz
309D	25	0,240	

### FERMO DI ARRESTO CON PARACOLPO IN GOMMA

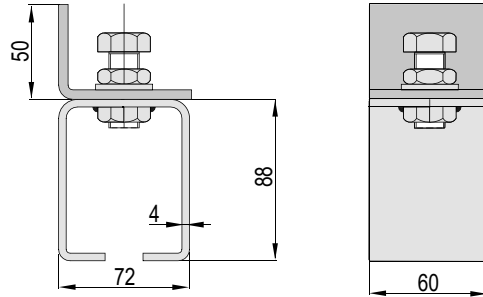


🇬🇧 Backstop with rubber buffer

🇮🇹 Ferme d'arrêt avec butoir en caoutchouc

COD.			€/pz
475	6	0,250	

### ATTACCO LATERALE A FASCIA REGISTRABILE

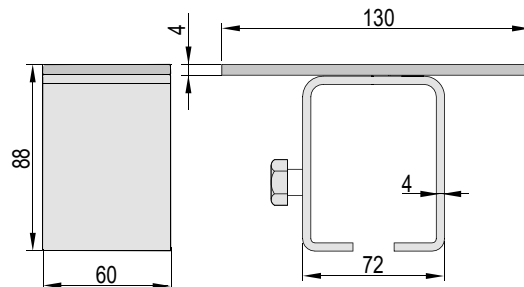


🇬🇧 Lateral adjustable support

🇮🇹 Support lateral avec réglage

COD.			€/pz
ALG9	10	0,700	

### ATTACCO A SOFFITTO A FASCIA REGISTRABILE

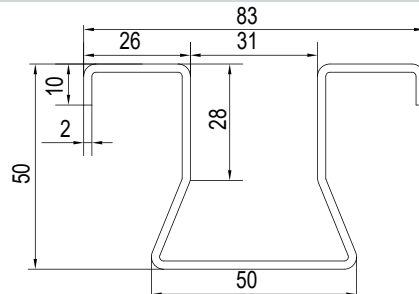


🇬🇧 Adjustable support

🇮🇹 Support pour plafond avec réglage

COD.			€/pz
ASG9	10	0,750	

### GUIDA INFERIORE IN ACCIAIO ZINCATO



🇬🇧 Lower guide in zinked steel

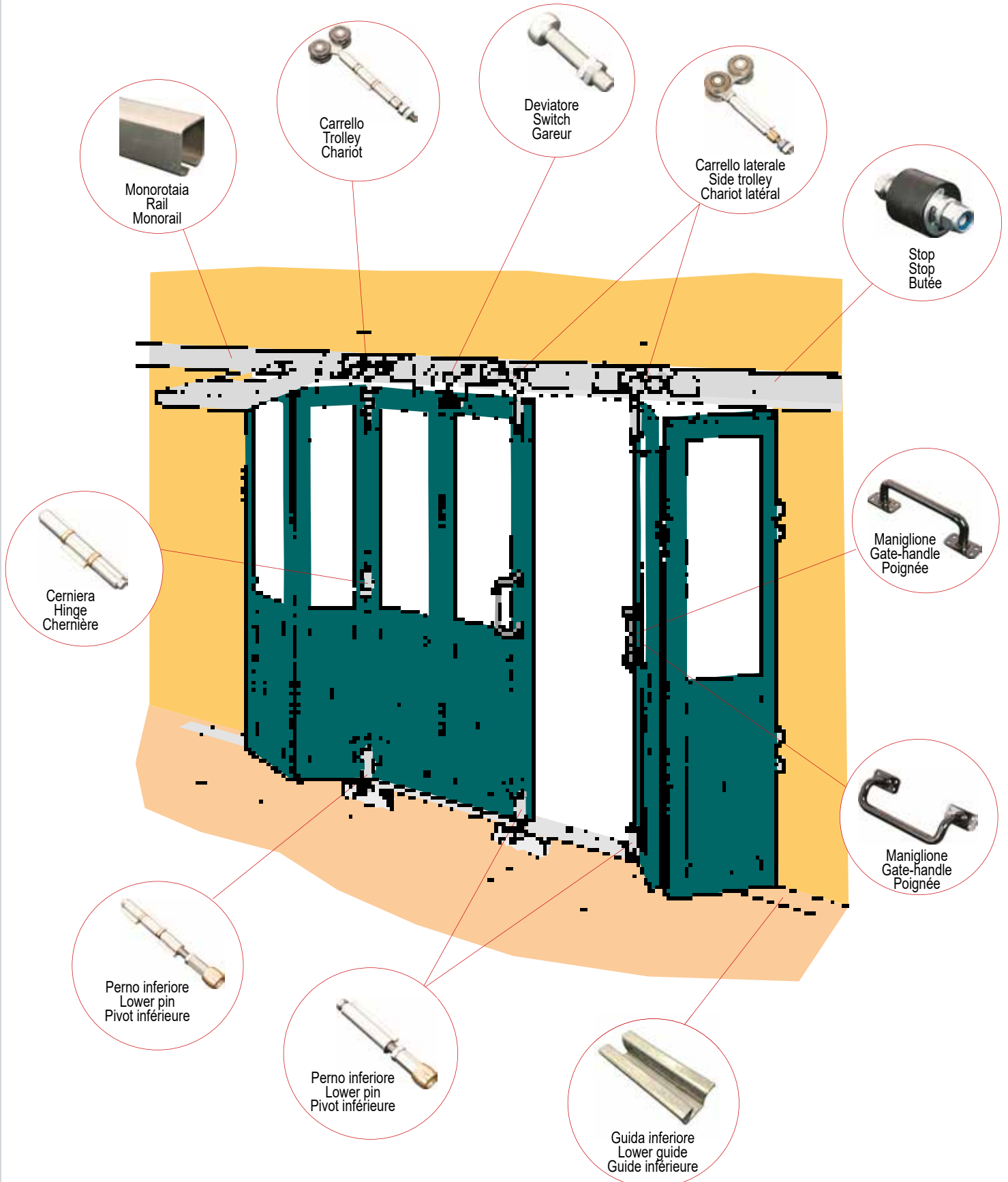
🇮🇹 Rail guide inférieure en acier zingué

COD.			€/m
G8I	6x6m (36m)	2,730	

🇮🇹 Esempio di applicazione per ante a libro. L'applicazione è valida per le serie SEMPIONE e FREJUS

🇬🇧 Application example for folding wings. Valid for SEMPIONE and FREW S series

🇫🇷 Exemple d'application pour vantaux pliantes. L'application est valide pour les séries SEMPIONE et FREJUS





# SERIE FREJUS

■ CARRELLI ED ACCESSORI PER MONOROTAIA G10Z

■ TROLLEYS AND ACCESSORIES FOR RAIL G10Z

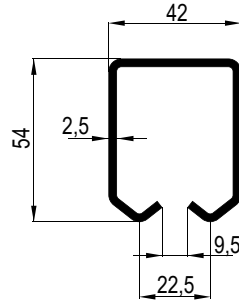
■ CHARIOTS ET ACCESSOIRES POUR MONORAIL G10Z



Per coppia di carrelli  
For each pair of trolleys  
Pour couple de chariots

2 ruote 2 wheels 2 Roulements	<b>200</b>
4 ruote 4 wheels 4 Roulements	<b>650</b>

## MONOROTAIA IN ACCIAIO ZINCATO

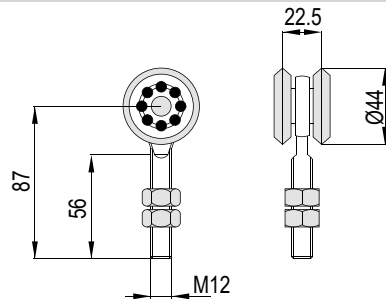


■ Zinked steel rail

■ Monorail en acier zingué

COD.			€/m
<b>G10Z</b>	4x6m (24m)	3,200	

## CARRELLO FISSO A 2 RUOTE

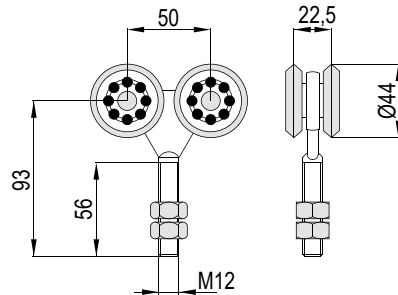


■ Fixed trolley with 2 wheels

■ Chariot fixe a 2 roulements

COD.	Ruote Wheels Roulements			€/pz
<b>2RP</b>	Cementate Cemented Cimentés	20	0,290	
<b>2RP/C</b>	Zincate Zinked Zingué	20	0,290	

## CARRELLO FISSO A 4 RUOTE

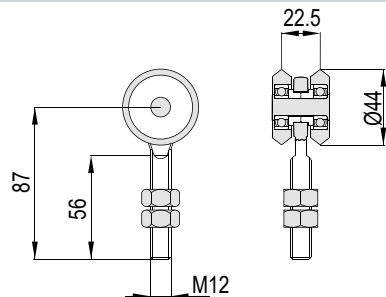


■ Fixed trolley with 4 wheels

■ Chariot fixe à 4 roulements

COD.	Ruote Wheels Roulements			€/pz
<b>4RP</b>	Cementate Cemented Cimentés	10	0,550	
<b>4RP/C</b>	Zincate Zinked Zingué	10	0,540	

## CARRELLO FISSO A 2 RUOTE CON CUSCINETTI COMMERCIALI

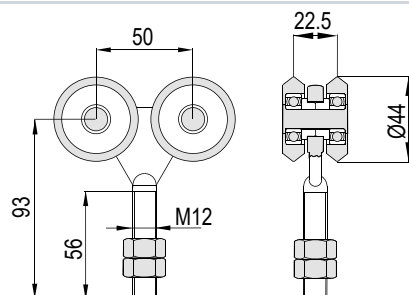


■ Fixed trolley with 2 zinked wheels and commercial bearings

■ Chariot fixe à 2 roulements zingué avec coussinets commerciaux

COD.			€/pz
<b>2RP/CU</b>	20	0,290	

## CARRELLO FISSO A 4 RUOTE CON CUSCINETTI COMMERCIALI

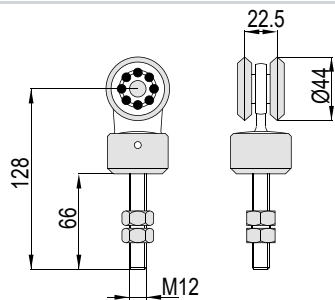


■ Fixed trolley with 4 zinked wheels and commercial bearings

■ Chariot fixe à 4 roulements zingué avec coussinets commerciaux

COD.			€/pz
<b>4RP/CU</b>	10	0,550	

### CARRELLO GIREVOLE A 2 RUOTE CEMENTATE

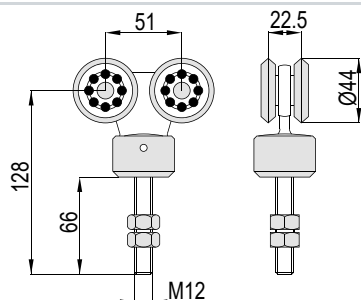


Swivel trolley with 2 cemented wheels

Chariot pivotant à 2 roulements cimentés

COD.			€/pz
<b>2RPS</b>	10	0,580	

### CARRELLO GIREVOLE A 4 RUOTE CEMENTATE

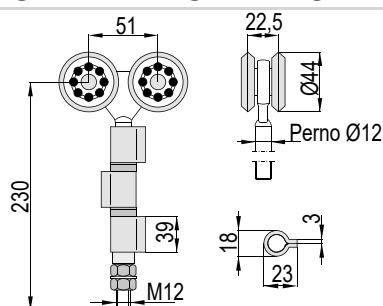


Swivel trolley with 4 cemented wheels

Chariot pivotant à 4 roulements cimentés

COD.			€/pz
<b>4RPS</b>	6	0,900	

### CARRELLO FISSO A 4 RUOTE CEMENTATE CON CERNIERA

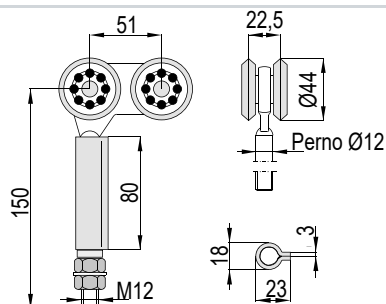


Fixed trolley with 4 cemented wheels and hinge

Chariot fixe à 4 roulements cimentés, avec charnière

COD.			€/pz
<b>4RPM</b>	12	0,830	

### CARRELLO LATERALE A 4 RUOTE CEMENTATE CON CERNIERA

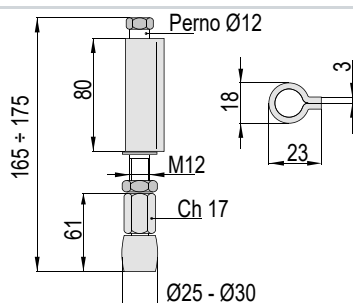


Lateral trolley with 4 cemented wheels and hinge

Chariot à 4 roulements cimentés, avec charnière

COD.			€/pz
<b>4RPMT</b>	10	0,470	

### PERNO GUIDA INFERIORE CON OLIVA E CERNIERA



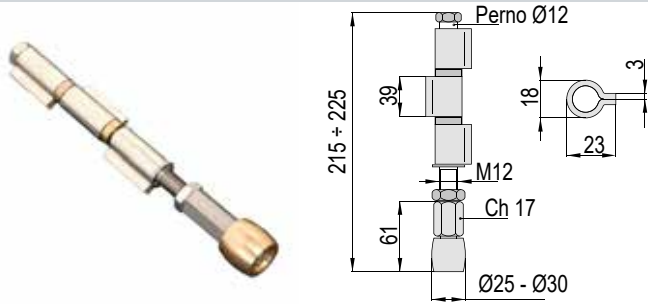
Lower guide pin with olive and hinge

Pivot guide inférieure avec olive et charnière

COD.			€/pz
<b>310M-25</b>	25	0,340	
<b>310M-30</b>	25	0,380	



### PERNO GUIDA INFERIORE CON OLIVA E CERNIERA

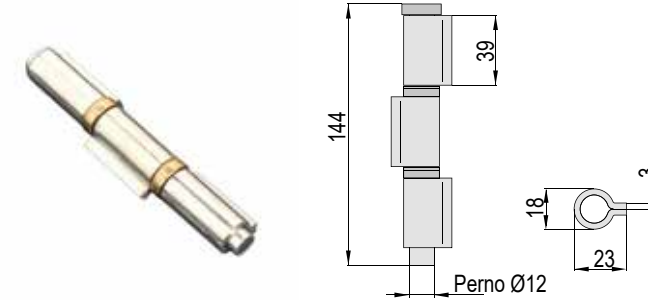


Lower guide pin with olive and hinge

Pivot guide inférieure avec olive et charnière

COD.			€/pz
310M/3-25	25	0,440	
310M/3-30	25	0,480	

### CERNIERA A 3 ALI SU CUSCINETTI REGGISPINTA CEMENTATI

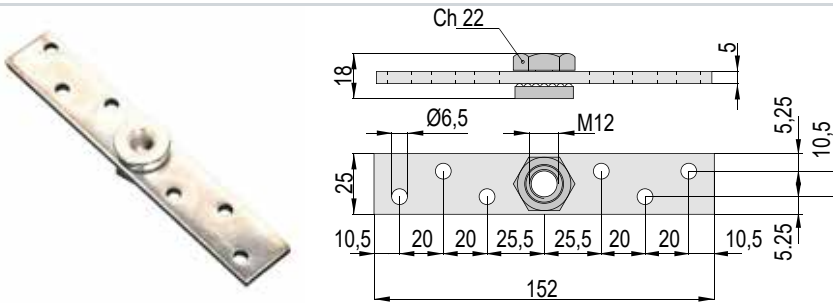


3 wings hinge, on cemented thrust bearings

Charnière à 3 ailes, sur roulements cimentés

COD.			€/pz
1750/3C	10	0,280	

### PIASTRA GIREVOLE SU SFERE

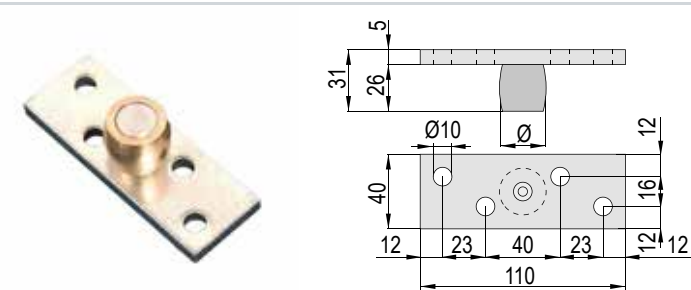


Swivel plate on balls

Platine articulée sur billes

COD.			€/pz
210S	50	0,170	

### PIASTRA FISSA CON OLIVA GIREVOLE IN OTTONE

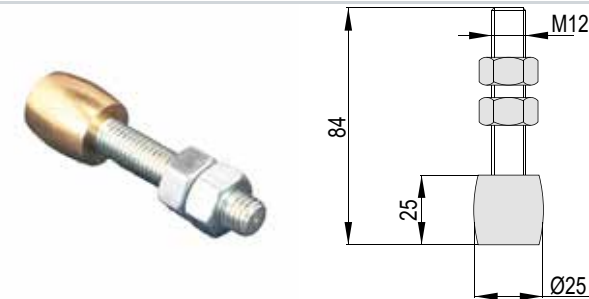


Fixed plate with swivel brass olive

Platine fixe avec olive pivotante en laiton

COD.	Ø			€/pz
309/25	25	25	0,270	
309/30	30	25	0,310	

### PERNO GUIDA CON OLIVA IN OTTONE

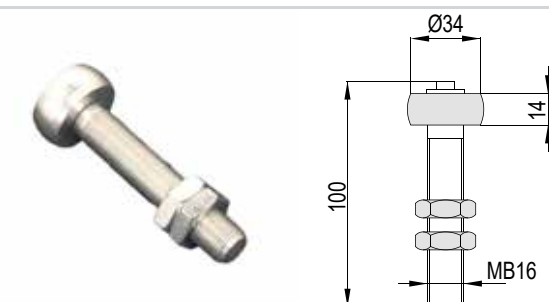


Guide pin with brass olive

Pivot guide avec olive en laiton

COD.			€/pz
311P	50	0,150	

### DEVIATORE CON RULLO DI GUIDA

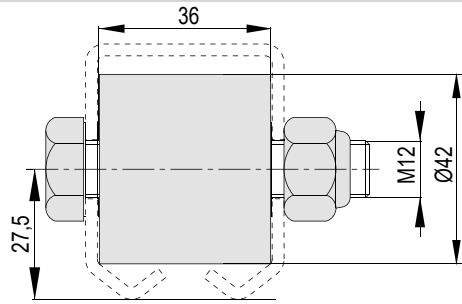


Guide pin with roller

Déviateur avec rouleau de guide

COD.			€/pz
309D	25	0,240	

### FERMO DI ARRESTO CON PARACOLPO IN GOMMA

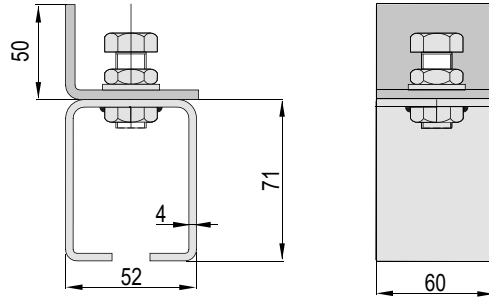


🇬🇧 Backstop with rubber buffer

🇮🇹 Ferme d'arrêt avec butoir en caoutchouc

COD.			€/pz
465	6	0,200	

### ATTACCO LATERALE A FASCIA REGISTRABILE

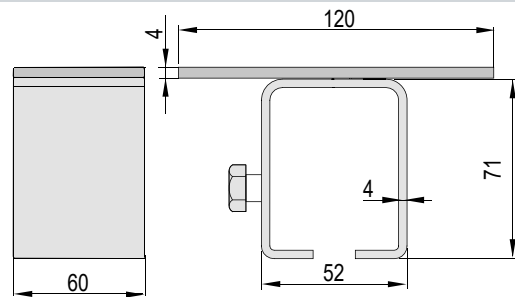


🇬🇧 Lateral adjustable support

🇮🇹 Support latéral avec réglage

COD.			€/pz
ALG10	10	0,600	

### ATTACCO A SOFFITTO A FASCIA REGISTRABILE

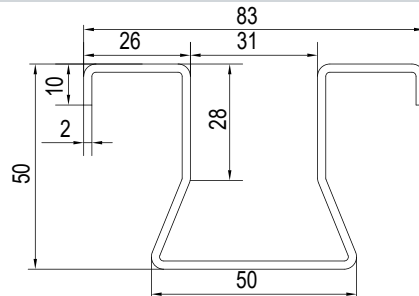


🇬🇧 Adjustable support

🇮🇹 Support pour plafond avec réglage

COD.			€/pz
ASG10	10	0,650	

### GUIDA INFERIORE IN ACCIAIO ZINCATO



🇬🇧 Lower guide in zinked steel

🇮🇹 Rail guide inférieure en acier zingué

COD.			€/m
G8I	6x6m (36m)	2,730	



# SERIE MINILUCE

**■ ■** CARRELLI ED ACCESSORI PER MONOROTAIA G12A-G12Z

**■ ■** TROLLEYS AND ACCESSORIES FOR RAILG12A-G12Z

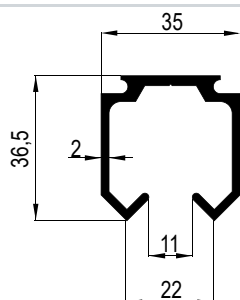
**■ ■** CHARIOTS ET ACCESSOIRES POUR MONORAIL G12A-G12Z



Per coppia di carrelli  
For each pair of trolleys  
Pour couple de chariots

2 ruote 2 wheels 2 Roulements	<b>60</b>
4 ruote 4 wheels 4 Roulements	<b>85</b>

## MONOROTAIA IN ALLUMINIO GREZZO

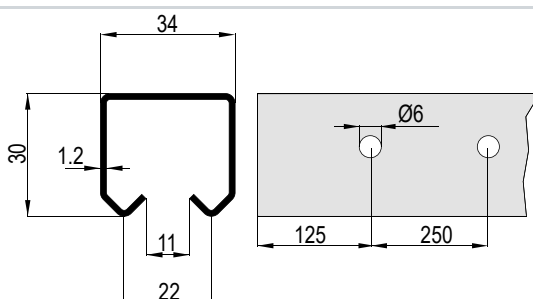


**■ ■** Aluminium rail

**■ ■** Monorail en aluminium

COD.			€/m
<b>G12A</b>	10x6m (60m)	0,750	

## MONOROTAIA IN ACCIAIO ZINCATO, FORATA

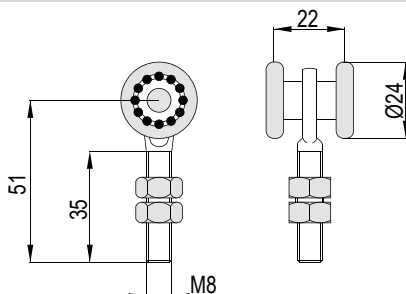


**■ ■** Drilled rail in zinked steel

**■ ■** Monorail percé en acier zingué

COD.			€/m
<b>G12Z</b>	12x6m (72m)	1,008	

## CARRELLO FISSO A 2 RUOTE

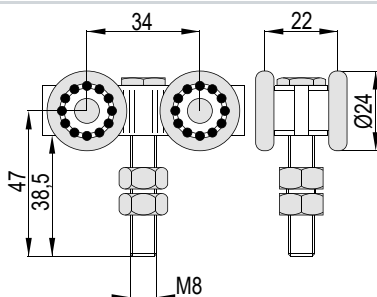


**■ ■** Fixed trolley with 2 wheels

**■ ■** Chariot fixe a 2 roulements

COD.	Ruote Wheels Roulements			€/pz
<b>2RPP</b>	Acciaio Steel Acier	60	0,070	
<b>S2RPP</b>	Nylon Nylon Nylon	60	0,060	

## CARRELLO FISSO A 4 RUOTE, STAFFA IN ZAMA

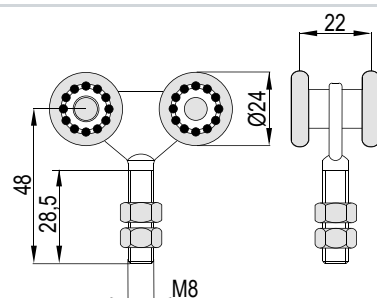


**■ ■** Fixed trolley with 4 wheels and bracket in zama

**■ ■** Chariot fixe a 4 roul. etrier en zamak

COD.	Ruote Wheels Roulements			€/pz
<b>4RPP</b>	Acciaio Steel Acier	30	0,125	
<b>S4RPP</b>	Nylon Nylon Nylon	30	0,095	

## CARRELLO FISSO A 4 RUOTE, STAFFA IN ACCIAIO ZINCATO

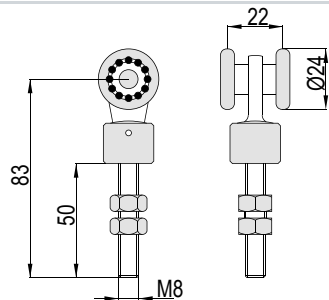


**■ ■** Fixed trolley with 4 wheels and bracket in zinked steel

**■ ■** Chariot fixe a 4 roulements etrier en acier zingué

COD.	Ruote Wheels Roulements			€/pz
<b>4RPPZ</b>	Acciaio Steel Acier	30	0,125	
<b>S4RPPZ</b>	Nylon Nylon Nylon	30	0,095	

### CARRELLO GIREVOLE A 2 RUOTE

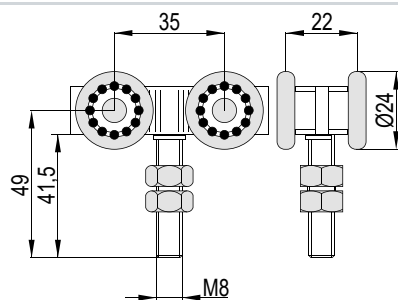


Swivel trolley with 2 wheels

Chariot pivotant a 2 roulements

COD.	Ruote Wheels Roulements			€/pz
2RPPS	Acciaio Steel Acier	60	0,115	
S2RPPS	Nylon Nylon Nylon	60	0,100	

### CARRELLO GIREVOLE IN ALLUMINIO A 4 RUOTE

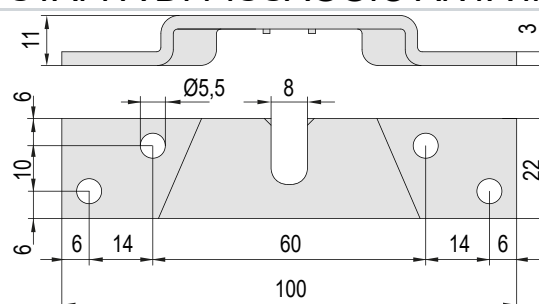


Swivel trolley in aluminium with 4 wheels

Chariot pivotant en aluminium à 4 roulements

COD.	Ruote Wheels Roulements			€/pz
4RPPS	Acciaio Steel Acier	30	0,125	
S4RPPS	Nylon Nylon Nylon	30	0,095	

### STAFFA DI FISSAGGIO ANTA IN ACCIAIO ZINCATO

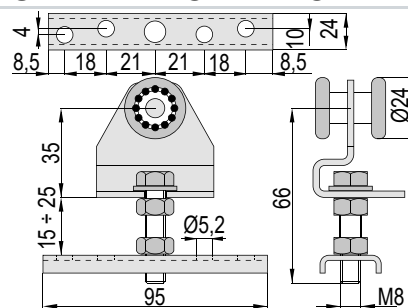


Fixing bracket in zinc-coated steel

Platine de fixation en acier zingué

COD.			€/pz
STS303MSZ	30	0,048	

### CARRELLO FISSO A 2 RUOTE

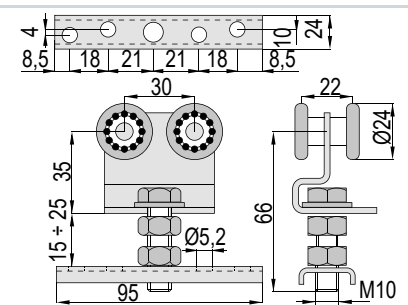


Fixed trolley with 2 wheels

Chariot fixe à 2 roulements

COD.	Ruote Wheels Roulements			€/pz
2RM	Acciaio Steel Acier	60	0,170	
S2RM	Nylon Nylon Nylon	60	0,160	

### CARRELLO FISSO A 4 RUOTE

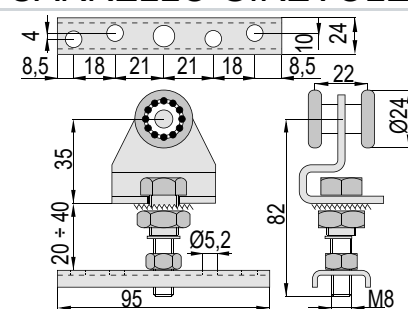


Fixed trolley with 4 wheels

Chariot fixe à 4 roulements

COD.	Ruote Wheels Roulements			€/pz
4RM	Acciaio Steel Acier	30	0,250	
S4RM	Nylon Nylon Nylon	30	0,225	

### CARRELLO GIREVOLE A 2 RUOTE



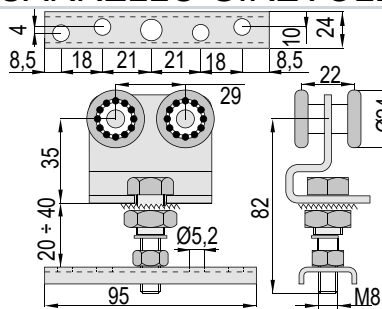
Swivel trolley with 2 wheels

Chariot pivotant à 2 roulements

COD.	Ruote Wheels Roulements			€/pz
2RMG	Acciaio Steel Acier	30	0,195	
S2RMG	Nylon Nylon Nylon	30	0,180	



### CARRELLO GIREVOLE A 4 RUOTE

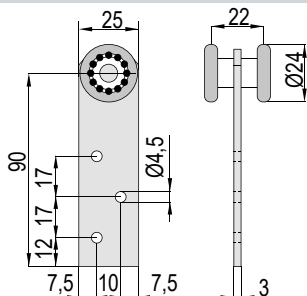


Swivel trolley with 4 wheels

Chariot pivotant à 4 roulements

COD.	Ruote Wheels Roulements			€/pz
4RMG	Acciaio Steel Acier	30	0,260	
S4RMG	Nylon Nylon Nylon	30	0,235	

### CARRELLO A 2 RUOTE CON PIASTRA

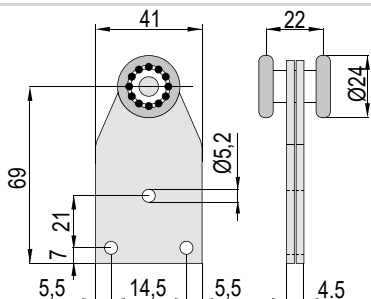


Trolley with 2 wheels and plate

Chariot à 2 roulements, et plaque

COD.	Ruote Wheels Roulements			€/pz
V1L2	Acciaio Steel Acier	30	0,095	
SV1L2	Nylon Nylon Nylon	30	0,080	

### CARRELLO FISSO A 2 RUOTE IN ACCIAIO CON STAFFE MOBILI

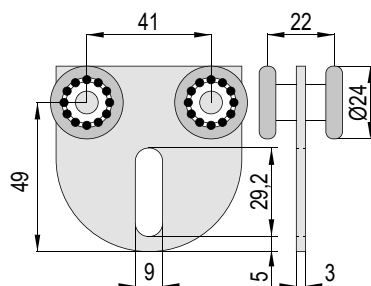


Fixed trolley with 2 wheels in steel and movable brackets

Chariot fixe à 2 roulements et acier, avec etriers mobiles

COD.			€/pz
V2	50	0,120	

### CARRELLO FISSO A 4 RUOTE

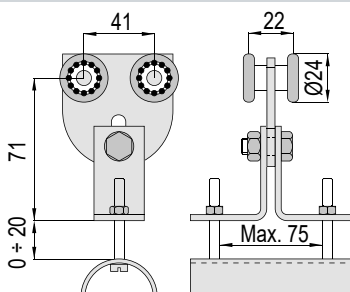


Fixed trolley with 4 wheels

Chariot fixe à 4 roulements

COD.	Ruote Wheels Roulements			€/pz
4MLI	Acciaio Steel Acier	30	0,150	
S4MLI	Nylon Nylon Nylon	30	0,120	

### CARRELLO FISSO A 4 RUOTE IN ACCIAIO PER TRASPORTO PIATTINA

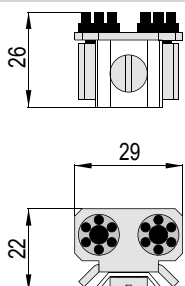


Fixed trolley with 4 wheels in steel, for strap transport

Chariot fixe à 4 roulements et acier pour transport de sangle

COD.			€/pz
4MLP	10	0,355	

### FERMO DI ARRESTO CON PARACOLPI IN GOMMA

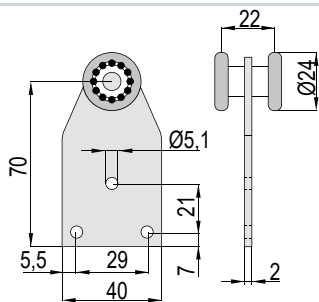


Backstop with rubber buffers

Ferme d'arrêt avec butoir en caoutchouc

COD.			€/pz
412	100	0,020	

### CARRELLO FISSO A 2 RUOTE IN ACCIAIO CON STAFFA FISSA

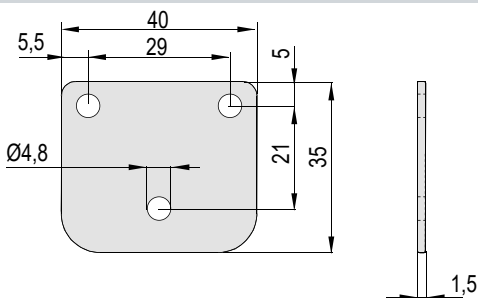


Steel trolley with 4 wheels and plate

Chariot à 4 roulements en acier, et etriers

COD.			€/pz
V2L	50	0,080	

### STAFFA IN PLASTICA PER CARRELLO V2L

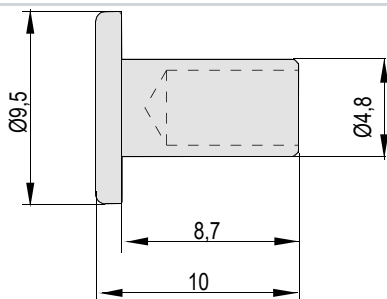


Plastic bracket for trolley V2L

Platine en plastique pour chariot V2L

COD.			€/pz
ST40X35N	150	0,002	

### RIBATTINO PER STAFFA IN PLASTICA ST40X35N



Rivet for plastic bracket ST40X35N

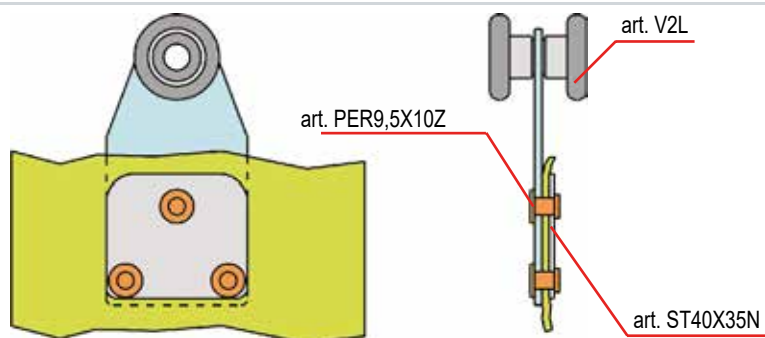
Rivet pour platine en plastique ST40X35N

COD.			€/pz
PER9,5X10Z	2000	0,001	

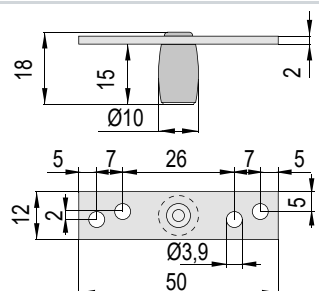
Esempio di applicazione del carrello V2L con un telone scorrevole

Application example for V2L trolley, with sliding tarpaulin

Exemple d'application du chariot V2L, avec une banne coulissante



### PIASTRA FISSA CON OLIVA GIREVOLE CENTRALE IN OTTONE

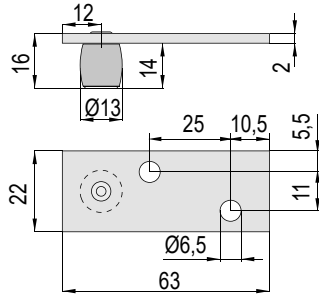


Fixed plate with central brass swivel olive

Platine fixe avec olive pivotante en laiton

COD.			€/pz
312B	50	0,015	

PIASTRA FISSA CON OLIVA GIREVOLE LATERALE IN OTTONE

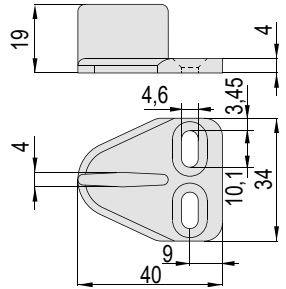


Fixed plate with lateral brass swivel olive

Platine fixe avec olive pivotante en laiton

COD.			€/pz
312A	80	0,045	

GUIDA INFERIORE IN NYLON

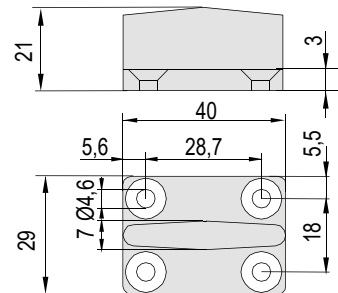


Lower guide in nylon

Guide inférieure en nylon

COD.			€/pz
312	60	0,006	

GUIDA INFERIORE IN NYLON

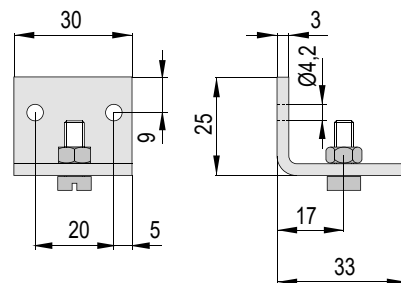


Lower guide in nylon

Guide inférieure en nylon

COD.			€/pz
312/A	60	0,006	

SUPPORTO LATERALE PER MONOROTAIA G12Z

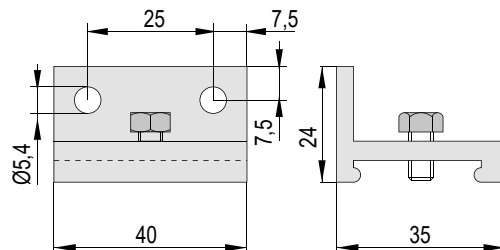


Lateral support for rail G12Z

Support latéral pour rail G12Z

COD.			€/pz
112PN	24	0,040	

SUPPORTO LATERALE PER MONOROTAIA G12A

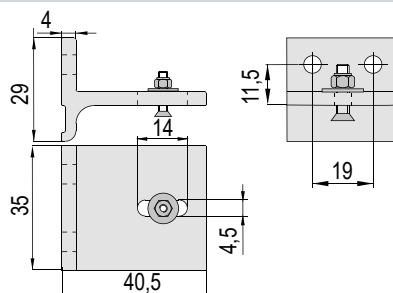


Lateral support for rail G12A

Support latéral pour monorail G12A

COD.			€/pz
LS 120V	30	0,030	

ATTACCO LATERALE REGISTRABILE

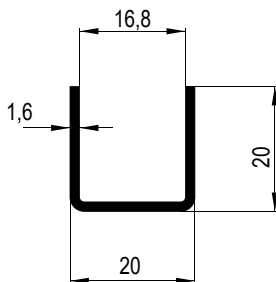


Lateral adjustable support

Support de fixation latéral réglable

COD.			€/pz
LS 40-120	20	0,030	

### GUIDA INFERIORE IN ALLUMINIO GREZZO



Aluminium lower guide

Guide inférieure en aluminium

COD.			€/m
GIM	12x6m (72m)	0,235	

### SET SERIE MINILUCE. CONFEZIONI STD PER MONOROTAIA G12A - G12Z

STD packings for monorail G12A - G12Z

Condit. STD pour rail G12A - G12Z



COD.			€/pz
SET 4RM	24	0,575	
SET 4RM/2	24	0,565	

art. SET 4RM/2 NUOVO PRODOTTO  
art. SET 4RM/2 NOUVEAU PRODUIT

Set in contenitore di cartone composto da:  
 - N°2 carrelli completi (art. 4RM)  
 - N°2 fermi d'arresto (art. 412)  
 - N°1 guida inferiore (art. 312) presente solo nel SET 4RM

Set in cartoon box including:  
 - N°2 complete trolleys (art. 4RM)  
 - N°2 backstops (art. 412)  
 - N°1 lower guide (art. 312) available only in the SET 4RM

set en boîte de carton composé par:  
 -N°2 chariots complets (art.4RM)  
 -N°2 fermes d'arrêt (art. 412)  
 -N°1 guide inférieure (art. 312) présent uniquement dans le SET 4RM

### SET SERIE MINILUCE. CONFEZIONI STD PER MONOROTAIA G12A - G12Z

STD packings for monorail G12A - G12Z

Condit. STD pour rail G12A - G12Z



COD.			€/pz
SET S4RM	24	0,520	
SET S4RM/2	20	0,510	

art. SET S4RM/2 NUOVO PRODOTTO  
art. SET S4RM/2 NOUVEAU PRODUIT

Set in contenitore di cartone composto da:  
 - N°2 carrelli completi (art. S4RM)  
 - N°2 fermi d'arresto (art. 412)  
 - N°1 guida inferiore (art. 312) presente solo nel SET S4RM

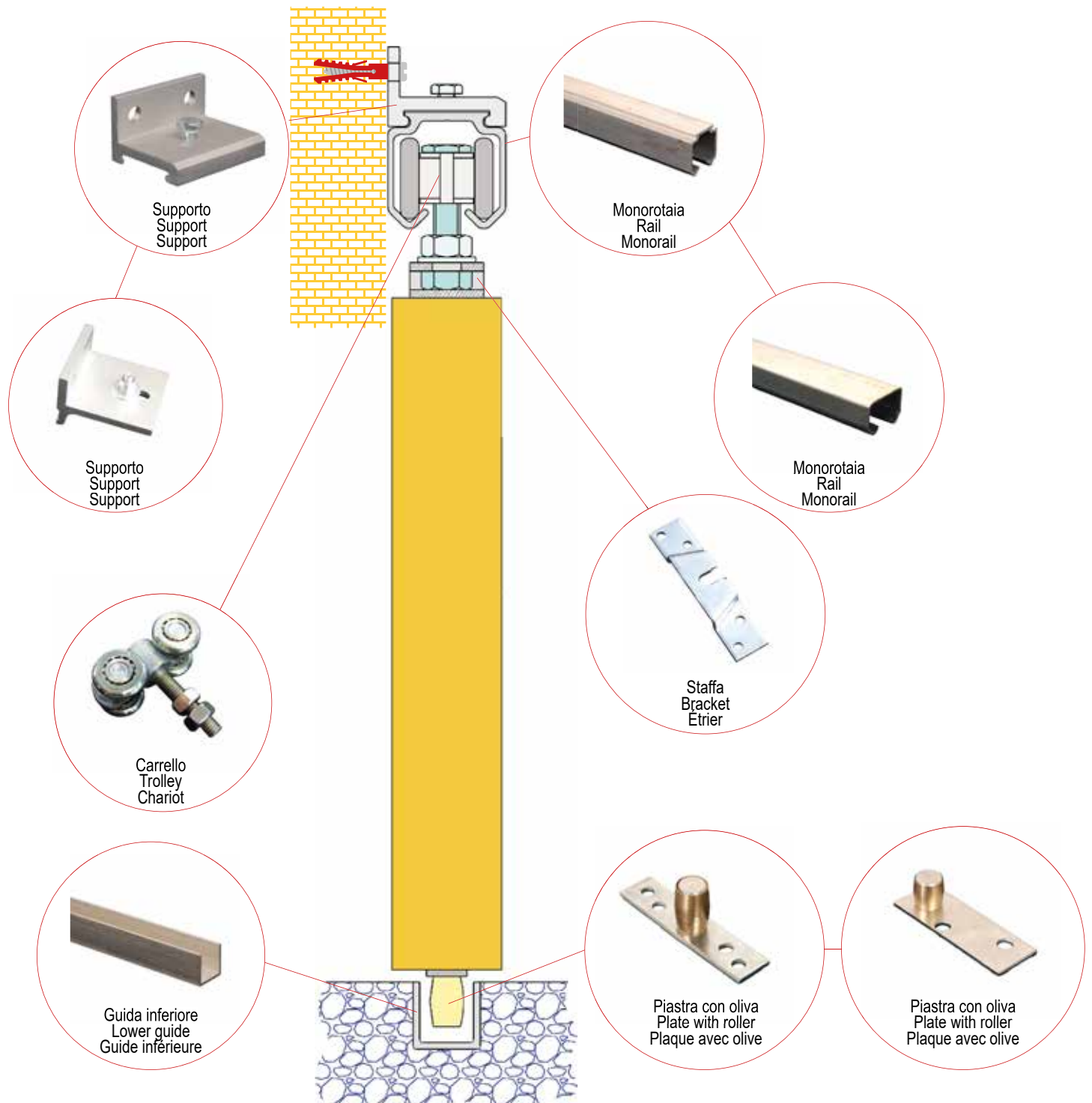
Set in cartoon box including:  
 - N°2 complete trolleys (art. S4RM)  
 - N°2 backstops (art. 412)  
 - N°1 lower guide (art. 312) available only in the SET S4RM

set en boîte de carton composé par:  
 -N°2 chariots complets (art.S4RM)  
 -N°2 fermes d'arrêt (art. 412)  
 -N°1 guide inférieure (art. 312) présent uniquement dans le SET S4RM

🇮🇹 L'applicazione è valida per la serie MINILUCE

🇬🇧 Application valid for MINILUCE series

🇫🇷 L'application est valide pour la série MINILUCE







# SERIE MINILUCE VERTICAL



Per coppia di carrelli  
For each pair of trolleys  
Pour couple de chariots

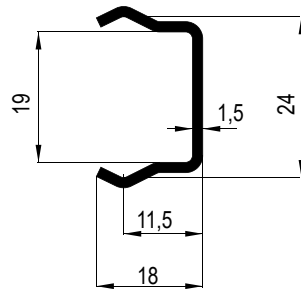
■ ■ CARRELLI ED ACCESSORI PER MONOROTAIA G14Z

■ ■ TROLLEYS AND ACCESSORIES FOR RAIL G14Z

■ ■ CHARIOTS ET ACCESSOIRES POUR MONORAIL G14Z

1 Ruota 1 Wheel 1 Roulement	30
2 Ruota 2 Wheel 2 Roulement	50

## MONOROTAIA IN ACCIAIO ZINCATO

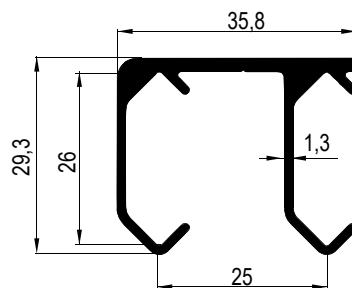


■ ■ Zinked steel rail

■ ■ Monorail en acier zingué

COD.			€/m
G14Z	12x6m (72m)	0,650	

## MONOROTAIA DOPPIA IN ALLUMINIO GREZZO

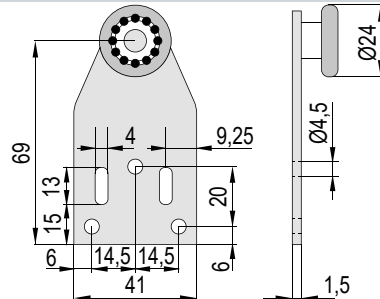


■ ■ Aluminium double rail

■ ■ Double monorail en aluminium

COD.			€/m
G14AX2	12x6m (72m)	0,527	

## CARRELLO FISSO A 1 RUOTA

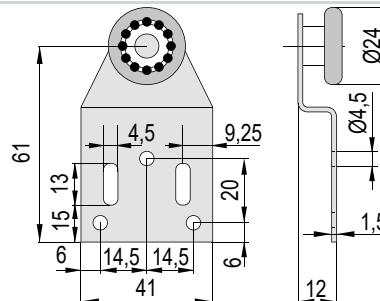


■ ■ Fixed trolley with 1 wheel

■ ■ Chariot fixe à 1 roulement

COD.	Ruote Wheels Roulements			€/pz
V1	Acciaio Steel Acier	50	0,060	
SV1	Nylon Nylon Nylon	50	0,055	

## CARRELLO FISSO A 1 RUOTA

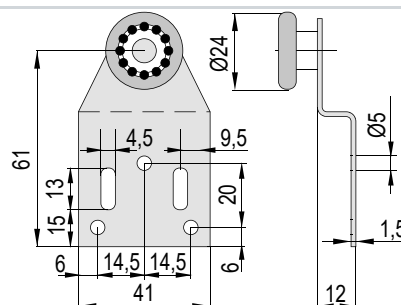


■ ■ Fixed trolley with 1 wheel

■ ■ Chariot fixe à 1 roulement

COD.	Ruote Wheels Roulements			€/pz
V1A	Acciaio Steel Acier	80	0,060	
SV1A	Nylon Nylon Nylon	80	0,055	

## CARRELLO FISSO A 1 RUOTA



■ ■ Fixed trolley with 1 wheel

■ ■ Chariot fixe à 1 roulement

COD.	Ruote Wheels Roulements			€/pz
V1A/O	Acciaio Steel Acier	80	0,060	
SV1A/O	Nylon Nylon Nylon	80	0,055	

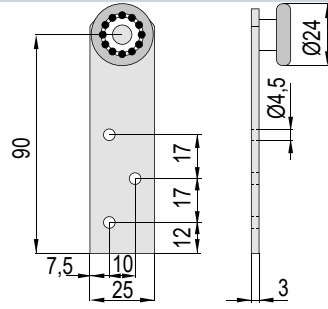
AD ESAURIMENTO  
TO EXHAUSTION  
A LEVEMENT

AD ESAURIMENTO  
TO EXHAUSTION  
A LEVEMENT

AD ESAURIMENTO  
TO EXHAUSTION  
A LEVEMENT

CARRELLO FISSO A 1 RUOTA

AD ESAURIMENTO  
TO BE ORDERED WITH  
A REFUSEMENT

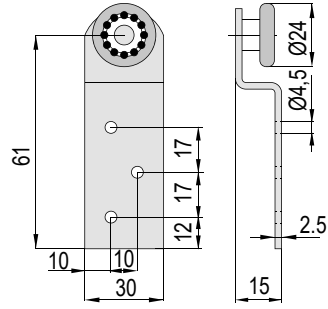


Fixed trolley with 1 wheel  
Chariot fixe à 1 roulement

COD.	Ruote Wheels Roulements			€/pz
V1L	Acciaio Steel Acier	50	0,070	

CARRELLO FISSO A 1 RUOTA

AD ESAURIMENTO  
TO BE ORDERED WITH  
A REFUSEMENT

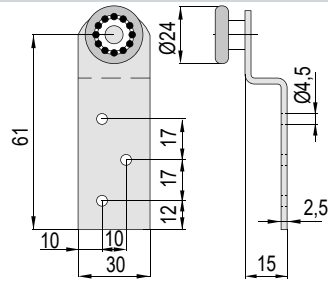


Fixed trolley with 1 wheel  
Chariot fixe à 1 roulement

COD.	Ruote Wheels Roulements			€/pz
V1LA	Acciaio Steel Acier	50	0,070	
SV1LA	Nylon Nylon Nylon	50	0,065	

CARRELLO FISSO A 1 RUOTA

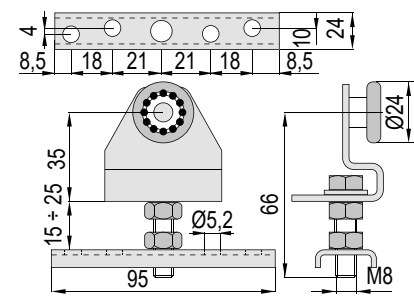
AD ESAURIMENTO  
TO BE ORDERED WITH  
A REFUSEMENT



Fixed trolley with 1 wheel  
Chariot fixe à 1 roulement

COD.	Ruote Wheels Roulements			€/pz
SV1LA/O	Nylon Nylon Nylon	50	0,065	

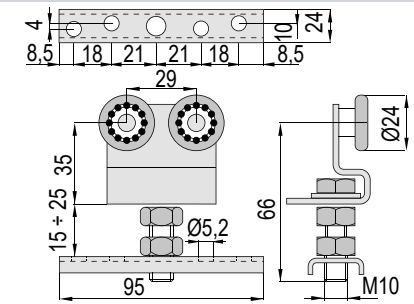
CARRELLO FISSO A 1 RUOTA



Fixed trolley with 1 wheel  
Chariot fixe à 1 roulement

COD.	Ruote Wheels Roulements			€/pz
V1S	Acciaio Steel Acier	50	0,155	
SV1S	Nylon Nylon Nylon	50	0,150	

CARRELLO FISSO A 2 RUOTE

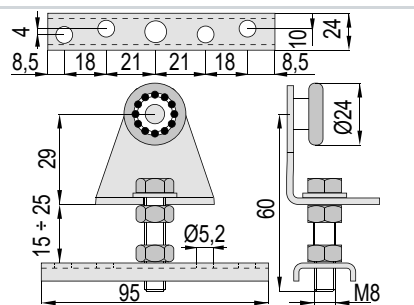


Fixed trolley with 2 wheels  
Chariot fixe à 2 roulements

COD.	Ruote Wheels Roulements			€/pz
V2S	Acciaio Steel Acier	50	0,230	
SV2S	Nylon Nylon Nylon	50	0,215	

CARRELLO FISSO A 1 RUOTA

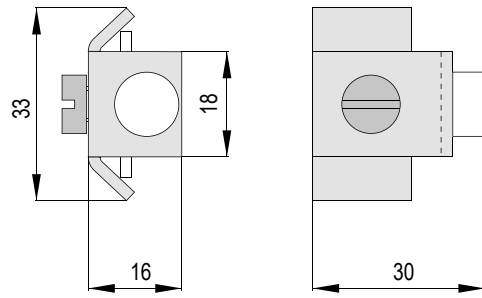
AD ESAURIMENTO  
TO BE ORDERED WITH  
A REFUSEMENT



Fixed trolley with 1 wheel  
Chariot fixe à 1 roulement

COD.	Ruote Wheels Roulements			€/pz
1RMS	Acciaio Steel Acier	30	0,140	
S1RMS	Nylon Nylon Nylon	30	0,130	

**FERMO DI ARRESTO CON PARACOLPO IN GOMMA**

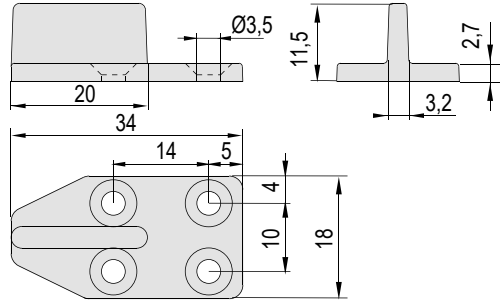


🇬🇧 Backstop with rubber buffers

🇫🇷 Ferme d'arrêt avec butoir en caoutchouc

COD.			€/pz
414	100	0,020	

**GUIDA INFERIORE IN PLASTICA**

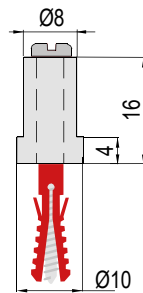


🇬🇧 Lower guide in plastic

🇫🇷 Guide inférieure en plastique

COD.			€/pz
316	50	0,002	

**GUIDA INFERIORE IN NYLON**

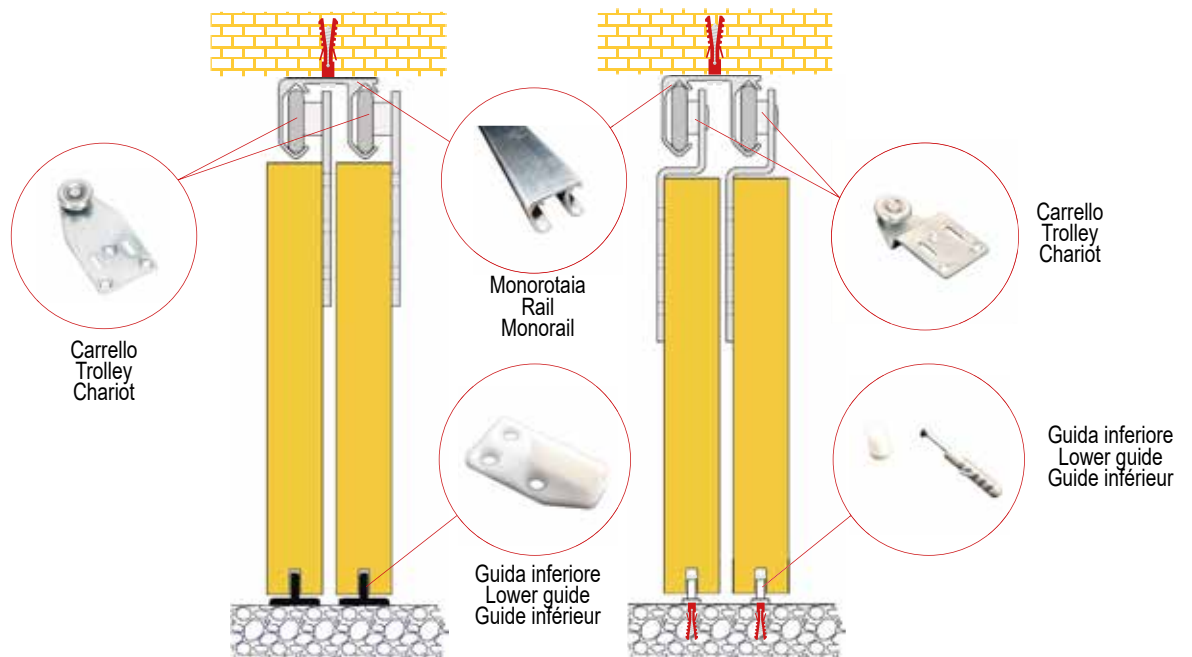


🇬🇧 Lower guide in nylon

🇫🇷 Guide inférieure en nylon

COD.			€/pz
312R	60	0,003	

🇫🇷 Applicazione con monorotaia doppia    🇬🇧 Application with double rail    🇫🇷 Application avec double rail





# SERIE MICRON

■ ■ CARRELLI ED ACCESSORI PER MONOROTAIA G16Z

■ ■ TROLLEYS AND ACCESSORIES FOR RAILG16Z

■ ■ CHARIOTS ET ACCESSOIRES POUR MONORAIL G16Z



Per coppia di carrelli  
For each pair of trolleys  
Pour couple de chariots

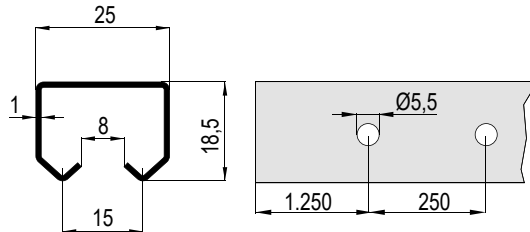
2 ruote  
2 wheels  
2 Roulement

30

## MONOROTAIA IN ACCIAIO ZINCATO, FORATA

■ ■ Drilled rail in zinked steel

■ ■ monorail percé en acier zingué

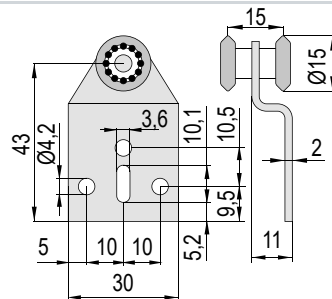


COD.			€/m
<b>G16Z</b>	15x6m (90m)	0,550	

## CARRELLO FISSO A 2 RUOTE

■ ■ Fixed trolley with 2 wheels

■ ■ Chariot fixe à 2 roulements

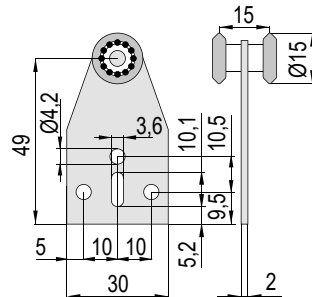


COD.	Ruote Wheels Roulements			€/pz
<b>M1</b>	Acciaio Steel Acier	30	0,030	
<b>SM1</b>	Nylon Nylon Nylon	30	0,025	

## CARRELLO FISSO A 2 RUOTE

■ ■ Fixed trolley with 2 wheels

■ ■ Chariot fixe à 2 roulements

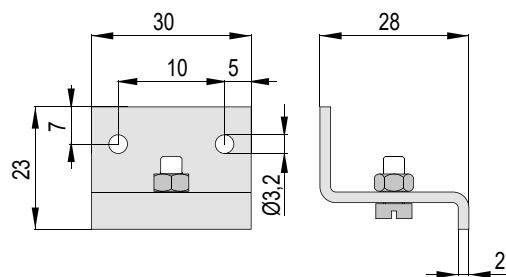


COD.	Ruote Wheels Roulements			€/pz
<b>M1V</b>	Acciaio Steel Acier	30	0,035	
<b>SM1V</b>	Nylon Nylon Nylon	30	0,030	

## SUPPORTO LATERALE PER MONOROTAIA G16Z

■ ■ Lateral support in zinked steel

■ ■ Support latéral en acier zingué

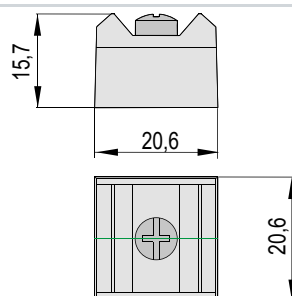


COD.			€/pz
<b>116P</b>	25	0,020	

## FERMO DI ARRESTO IN PLASTICA NERA

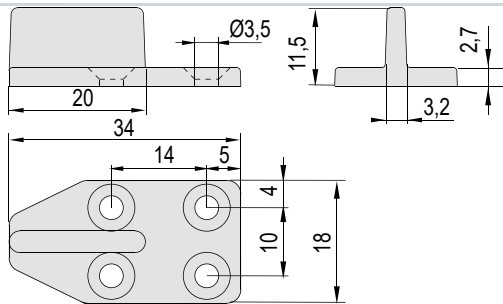
■ ■ Backstop in plastic

■ ■ Ferme d'arrêt en plastique



COD.			€/pz
<b>416</b>	100	0,010	

### GUIDA INFERIORE IN PLASTICA



Lower guide in plastic

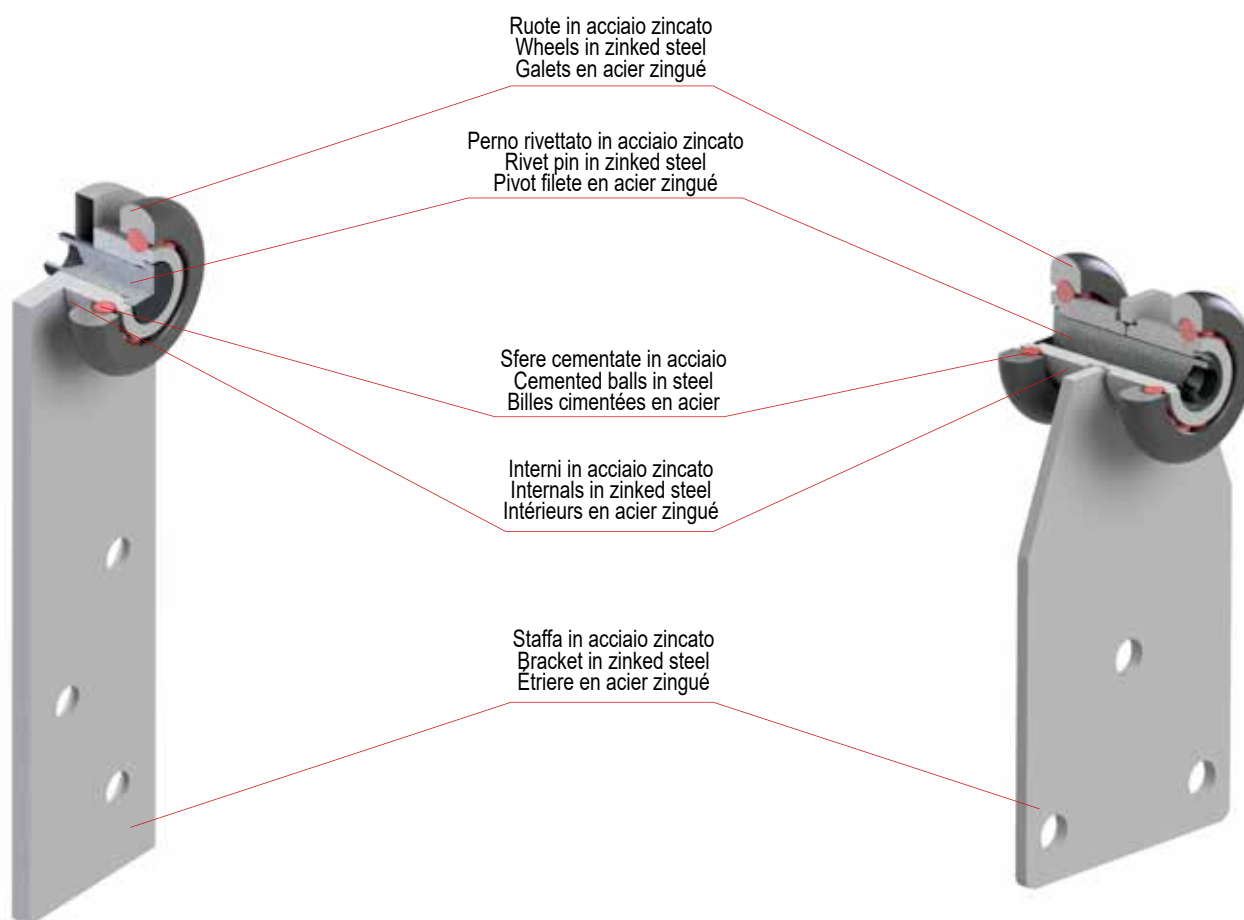
Guide inférieure en plastique

COD.			€/pz
316	50	0,002	

Esempio sezione scorrevoli in acciaio delle SERIE MINILUCE e MINILUCE VERTICAL

Steel sliding section example of the MINILUCE and MINILUCE VERTICAL SERIES

Exemple de profile coulissant en acier des SÉRIES MINILUCE et MINILUCE VERTICAL







# SERIE MICRON VERTICAL



Per coppia di carrelli  
For each pair of trolleys  
Pour couple de chariots

■ ■ CARRELLI ED ACCESSORI PER MONOROTAIA G16VZ

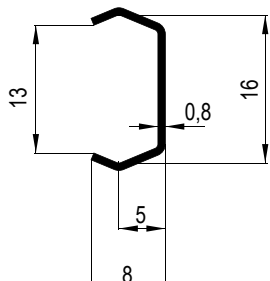
■ ■ TROLLEYS AND ACCESSORIES FOR RAIL G16VZ

■ ■ CHARIOTS ET ACCESSOIRES POUR MONORAIL G16VZ

1 ruote  
1 wheels  
1 Roulement

20

## MONOROTAIA IN ACCIAIO ZINCATO

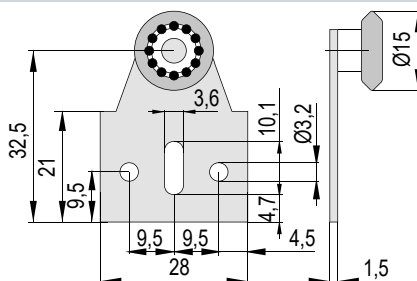


■ ■ Zinked steel rail

■ ■ Monorail en acier zingué

COD.			€/m
<b>G16VZ</b>	15x6m (90m)	0,200	

## CARRELLO FISSO A 1 RUOTA

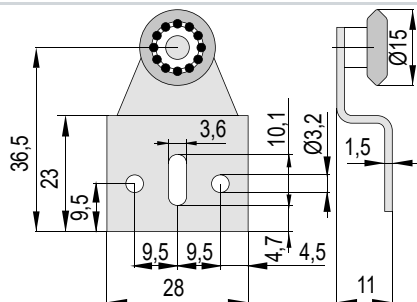


■ ■ Fixed trolley with 1 wheel

■ ■ Chariot fixe à 1 roulements

COD.	Ruota Wheel Roulement			€/pz
<b>MV1</b>	Acciaio Steel Acier	30	0,015	
<b>SMV1</b>	Nylon Nylon Nylon	30	0,015	

## CARRELLO FISSO A 1 RUOTA

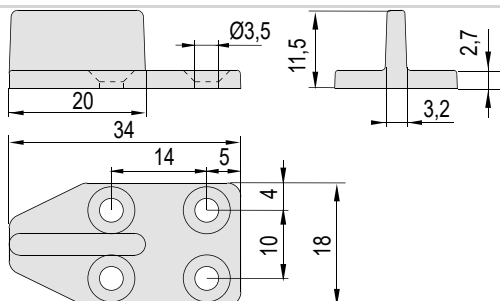


■ ■ Fixed trolley with 1 wheel

■ ■ Chariot fixe à 1 roulements

COD.	Ruota Wheel Roulement			€/pz
<b>MV1A</b>	Acciaio Steel Acier	30	0,015	
<b>SMV1A</b>	Nylon Nylon Nylon	30	0,015	

## GUIDA INFERIORE IN PLASTICA



■ ■ Lower guide in plastic

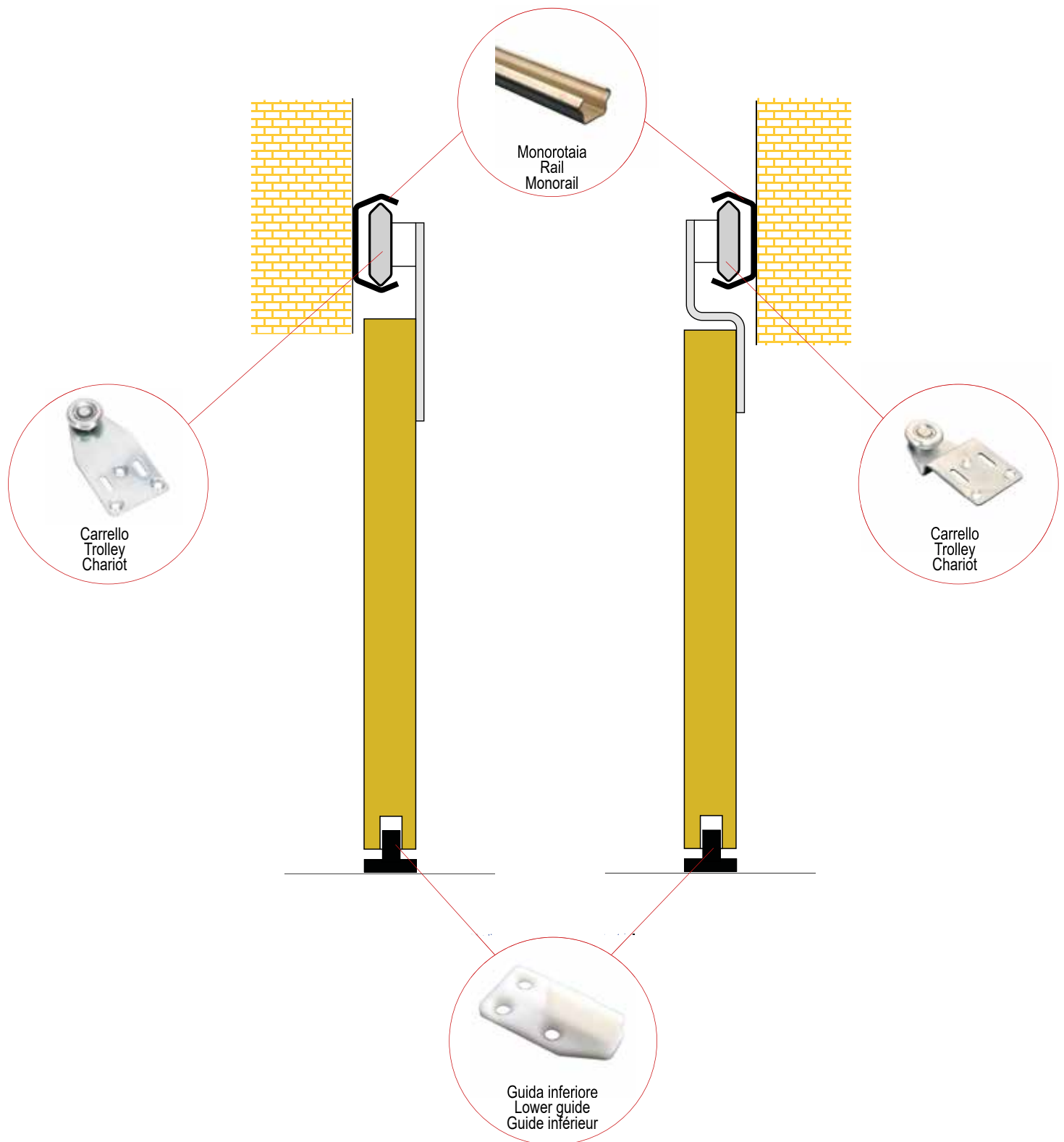
■ ■ Guide inférieure en plastique

COD.			€/pz
<b>316</b>	50	0,002	

🇮🇹 L'applicazione è valida per le serie MINILUCE VERTICAL e MICRON VERTICAL

🇬🇧 Application valid for MINILUCE VERTICAL and MICRON VERTICAL series

🇫🇷 L'application est valide pour les séries MINILUCE VERTICAL et MICRON VERTICAL





# SERIE SEMPIONE FRANCE



Per coppia di carrelli  
For each pair of trolleys  
Pour couple de chariots

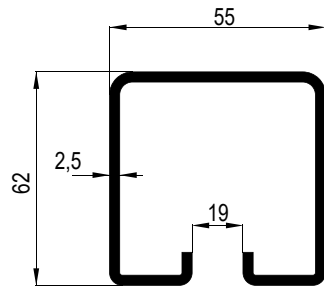
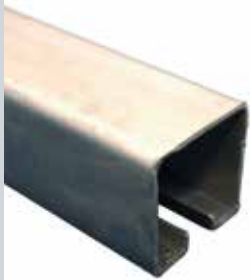
■ ■ CARRELLI ED ACCESSORI PER MONOROTAIA G9ZF

■ ■ TROLLEYS AND ACCESSORIES FOR RAIL G9ZF

■ ■ CHARIOTS ET ACCESSOIRES POUR MONORAIL G9ZF

2 ruote 2 wheels 2 Roulements	<b>400</b>
4 ruote 4 wheels 4 Roulements	<b>750</b>

## MONOROTAIA IN ACCIAIO ZINCATO

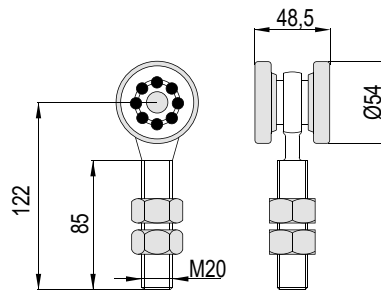


■ ■ Zinked steel rail

■ ■ Monorail en acier zingué

COD.			€/m
<b>G9ZF</b>	4x6m (24m)	3,960	

## CARRELLO FISSO A 2 RUOTE ZINCATE

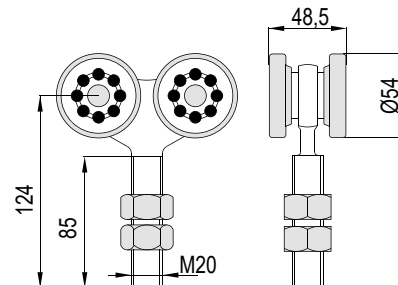


■ ■ Fixed trolley with 2 zinked wheels

■ ■ Chariot fixe a 2 zingués roulements

COD.			€/pz
<b>2RG/CF</b>	8	0,750	

## CARRELLO FISSO A 4 RUOTE ZINCATE

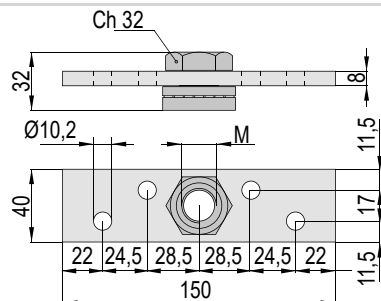


■ ■ Fixed trolley with 4 zinked wheels

■ ■ Chariot fixe à 4 zingués roulements

COD.			€/pz
<b>4RG/CF</b>	4	1,250	

## PIASTRA GIREVOLE SU SFERE

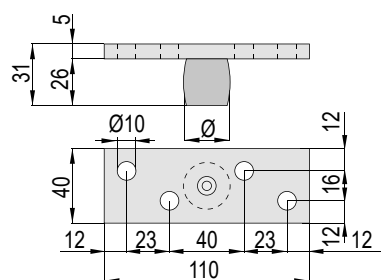


■ ■ Swivel plate on balls

■ ■ Platine articulée sur billes

COD.	M			€/pz
<b>209S</b>	20	20	0,460	
<b>209S/18</b>	18	20	0,460	

## PIASTRA FISSA CON OLIVA GIREVOLE IN OTTONE

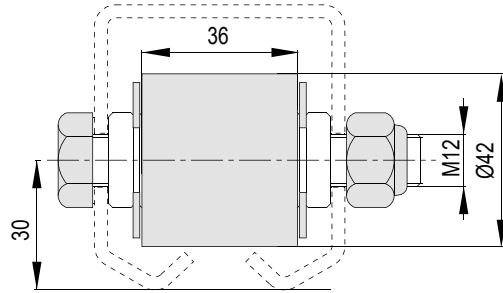


■ ■ Fixed plate with swivel brass olive

■ ■ Platine fixe avec olive articulée en laiton

COD.	Ø			€/pz
<b>309/25</b>	25	25	0,270	
<b>309/30</b>	30	25	0,310	

### FERMO DI ARRESTO CON PARACOLPO IN GOMMA

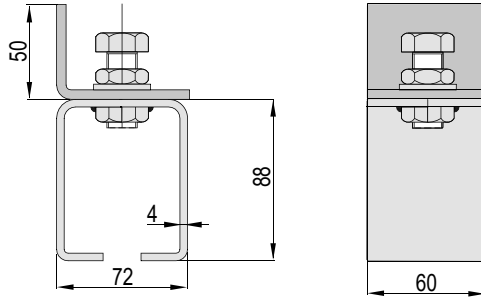


🇬🇧 Backstop with rubber buffer

🇫🇷 Ferme d'arrêt avec butoir en caoutchouc

COD.			€/pz
475	6	0,250	

### ATTACCO LATERALE A FASCIA REGISTRABILE

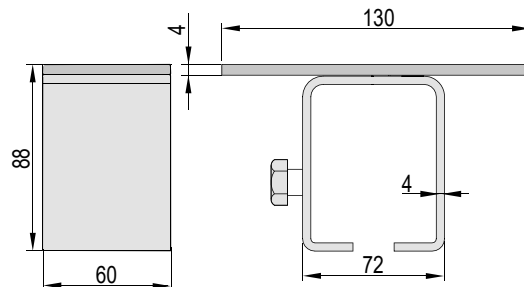


🇬🇧 Lateral adjustable support

🇫🇷 Support latéral avec réglage

COD.			€/pz
ALG9	10	0,700	

### ATTACCO A SOFFITTO A FASCIA REGISTRABILE

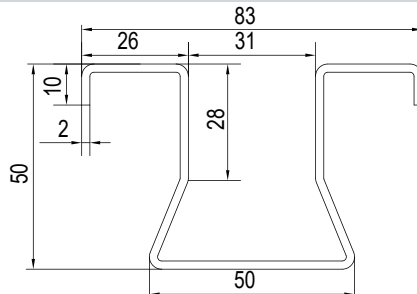


🇬🇧 Adjustable support

🇫🇷 Support pour plafond avec réglage

COD.			€/pz
ASG9	10	0,750	

### GUIDA INFERIORE IN ACCIAIO ZINCATO



🇬🇧 Lower guide in zinked steel

🇫🇷 Rail guide inférieure en acier zingué

COD.			€/m
G8I	6x6m (36m)	2,730	



# SERIE FREJUS FRANCE



Per coppia di carrelli  
For each pair of trolleys  
Pour couple de chariots

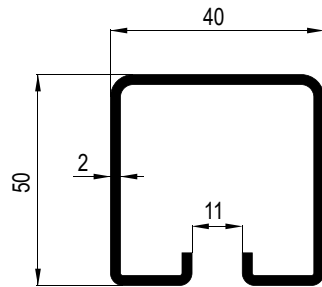
■ CARRELLI ED ACCESSORI PER MONOROTAIA G10ZF

■ TROLLEYS AND ACCESSORIES FOR RAILG10ZF

■ CHARIOTS ET ACCESSOIRES POUR MONORAIL G10ZF

2 ruote 2 wheels 2 Roulements	<b>200</b>
4 ruote 4 wheels 4 Roulements	<b>650</b>

## MONOROTAIA IN ACCIAIO ZINCATO



■ Zinked steel rail

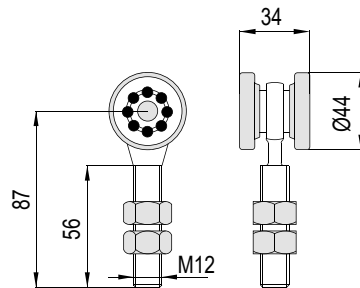
■ Monorail en acier zingué

COD.			€/m
<b>G10ZF</b>	6x6m (36m)	2,480	

## CARRELLO FISSO A 2 RUOTE ZINCATE

■ Fixed trolley with 2 zinked wheels

■ Chariot fixe a 2 zingués roulements

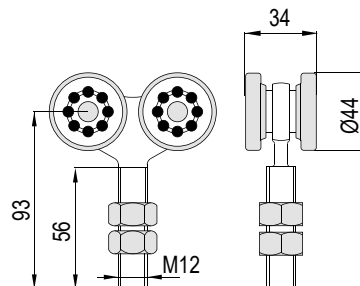


COD.			€/pz
<b>2RP/CF</b>	20	0,280	

## CARRELLO FISSO A 4 RUOTE ZINCATE

■ Fixed trolley with 4 zinked wheels

■ Chariot fixe à 4 roulements zingués

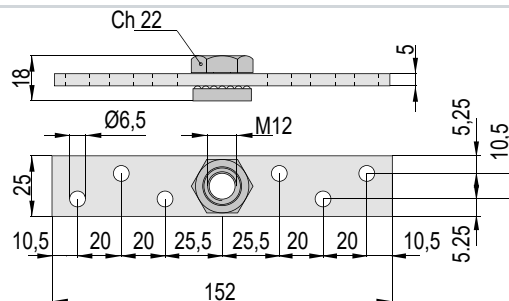


COD.			€/pz
<b>4RP/CF</b>	10	0,540	

## PIASTRA GIREVOLE SU SFERE

■ Swivel plate on balls

■ Platine articulée sur billes

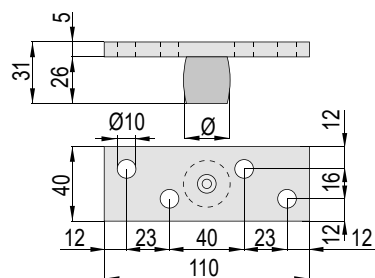


COD.			€/pz
<b>210S</b>	50	0,170	

## PIASTRA FISSA CON OLIVA GIREVOLE IN OTTONE

■ Fixed plate with swivel brass olive

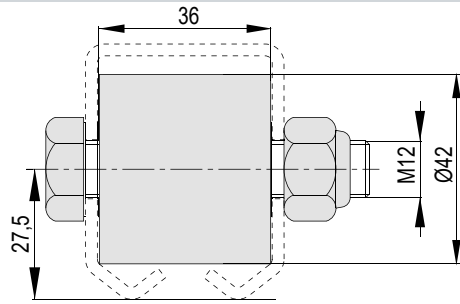
■ Platine fixe avec olive pivotante en laiton



COD.	Ø			€/pz
<b>309/25</b>	25	25	0,270	
<b>309/30</b>	30	25	0,310	



### FERMO DI ARRESTO CON PARACOLPO IN GOMMA

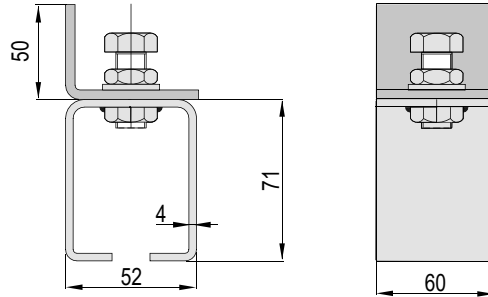


🇬🇧 Back stop with rubber buffer

🇫🇷 Ferme d'arrêt avec butoir en caoutchouc

COD.			€/pz
465	6	0,200	

### ATTACCO LATERALE A FASCIA REGISTRABILE

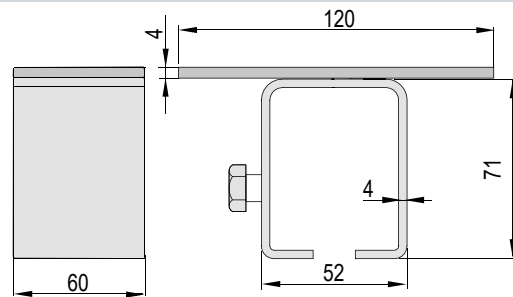


🇬🇧 Lateral adjustable support

🇫🇷 Support lateral avec réglage

COD.			€/pz
ALG10	10	0,600	

### ATTACCO A SOFFITTO A FASCIA REGISTRABILE

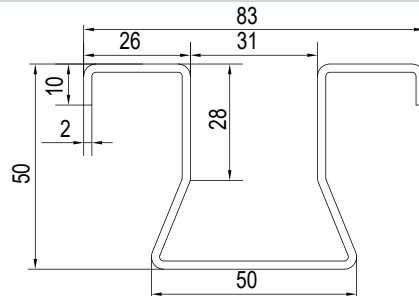


🇬🇧 Adjustable support

🇫🇷 Support pour plafond avec réglage

COD.			€/pz
ASG10	10	0,650	

### GUIDA INFERIORE IN ACCIAIO ZINCATO



🇬🇧 Lower guide in zinked steel

🇫🇷 Rail guide inférieure en acier zingué

COD.			€/m
G8I	6x6m (36m)	2,730	



# SERIE MINILUCE FRANCE

■ CARRELLI ED ACCESSORI PER MONOROTAIA G12ZF

■ TROLLEYS AND ACCESSORIES FOR RAIL G12ZF

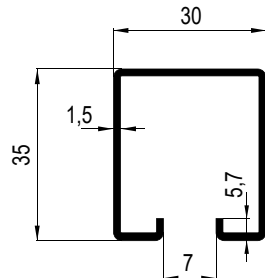
■ CHARIOTS ET ACCESSOIRES POUR MONORAIL G12ZF



Per coppia di carrelli  
For each pair of trolleys  
Pour couple de chariots

2 ruote 2 wheels 2 Roulements	<b>60</b>
4 ruote 4 wheels 4 Roulements	<b>85</b>

## MONOROTAIA IN ACCIAIO ZINCATO

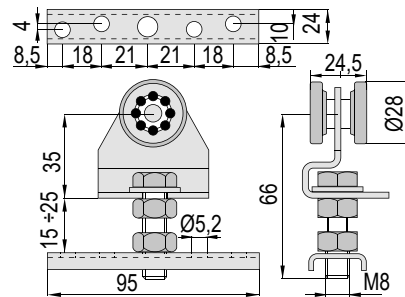


■ Zinked steel rail

■ Monorail en acier zingué

COD.			€/m
<b>G12ZF</b>	9x6m (54m)	1,450	

## CARRELLO FISSO A 2 RUOTE IN ACCIAIO

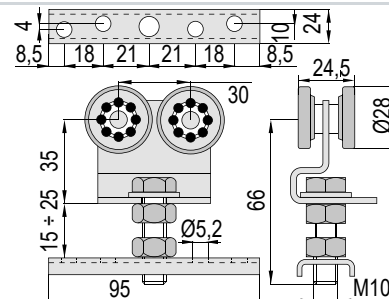


■ Fixed trolley with 2 wheels in steel

■ Chariot fixe a 2 roulements en acier

COD.			€/pz
<b>2RMF</b>	60	0,185	

## CARRELLO FISSO A 4 RUOTE IN ACCIAIO

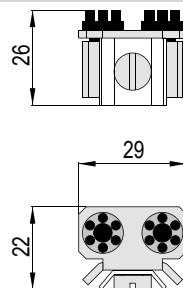


■ Fixed trolley with 4 wheels in steel

■ Chariot fixe a 4 roulements en acier

COD.			€/pz
<b>4RMF</b>	30	0,280	

## FERMO DI ARRESTO CON PARACOLPI IN GOMMA

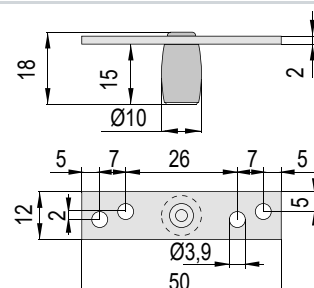


■ Backstop with rubber buffers

■ Ferme d'arrêt avec butoir en caoutchouc

COD.			€/pz
<b>412</b>	100	0,020	

## PIASTRA FISSA CON OLIVA GIREVOLE CENTRALE IN OTTONE

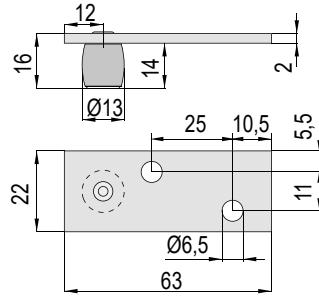


■ Fixed plate with lateral swivel brass olive

■ Platine fixe avec olive pivotante en laiton

COD.			€/pz
<b>312B</b>	50	0,015	

PIASTRA FISSA CON OLIVA GIREVOLE LATERALE IN OTTONE

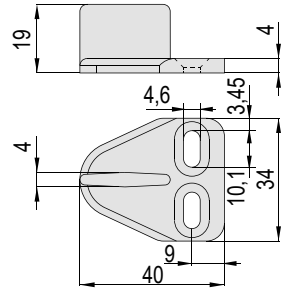


Fixed plate with lateral swivel brass olive

Platine fixe avec olive pivotante en laiton

COD.			€/pz
312A	80	0,045	

GUIDA INFERIORE IN NYLON

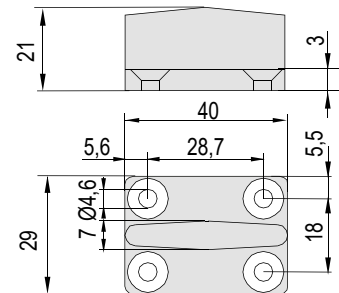


Lower guide in nylon

Guide inférieure en nylon

COD.			€/pz
312	60	0,006	

GUIDA INFERIORE IN NYLON

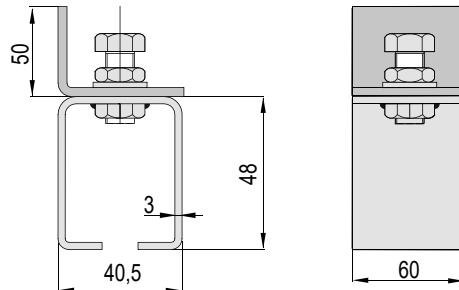


Lower guide in nylon

Guide inférieure en nylon

COD.			€/pz
312/A	60	0,006	

ATTACCO LATERALE A FASCIA REGISTRABILE

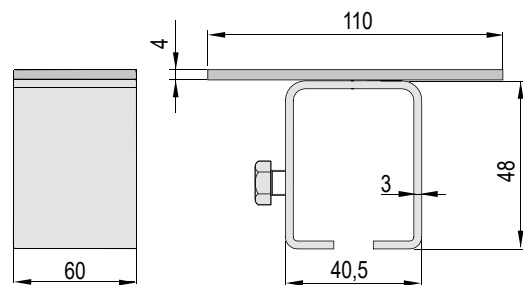


Lateral adjustable support

Support latéral avec réglage

COD.			€/pz
ALG12	10	0,400	

ATTACCO A SOFFITTO A FASCIA REGISTRABILE

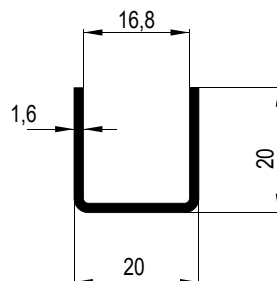


Adjustable support

Support pour plafond avec réglage

COD.			€/pz
ASG12	10	0,450	

GUIDA INFERIORE IN ALLUMINIO GREZZO



Lower guide in aluminium

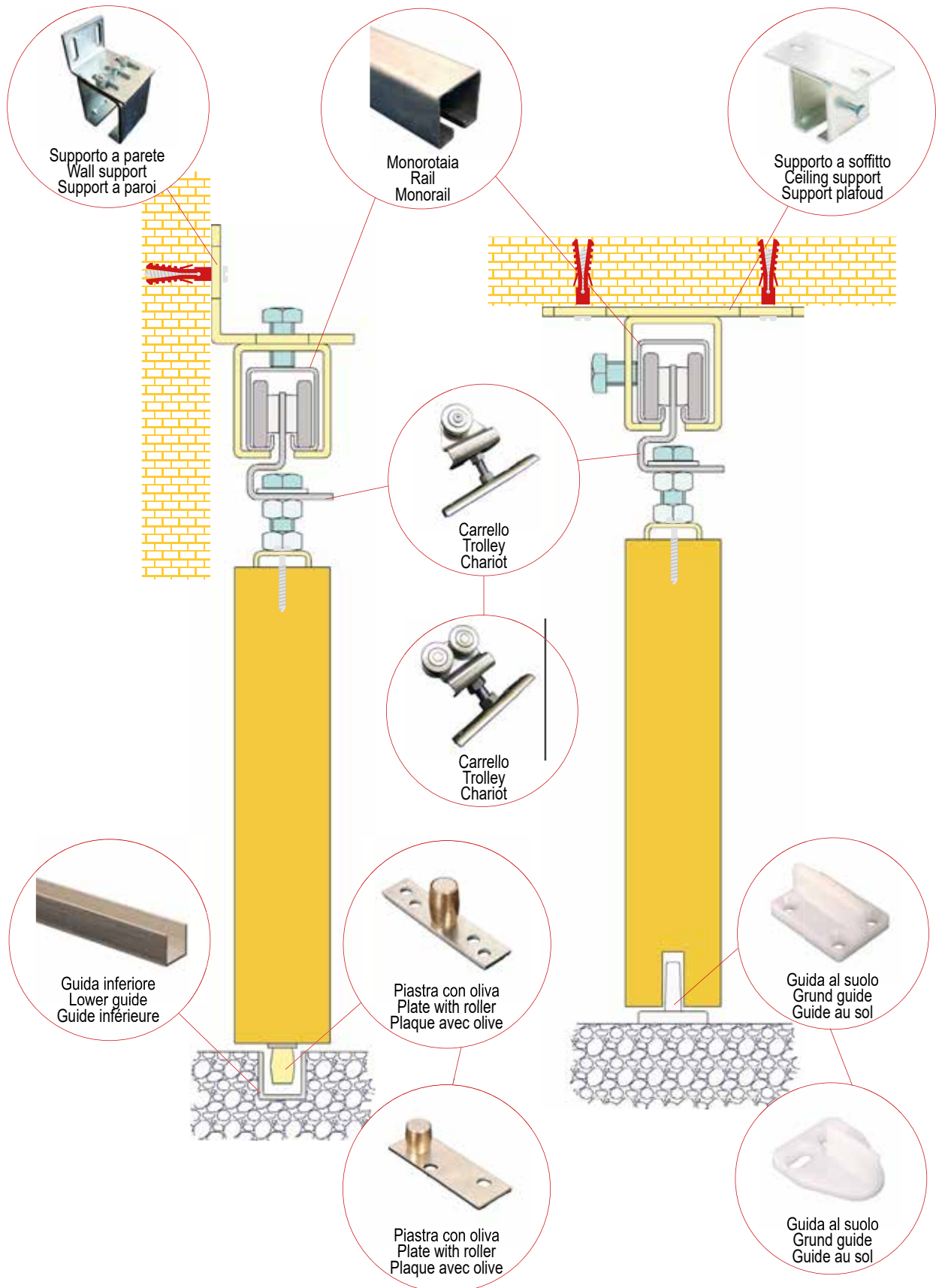
Guide inférieure en aluminium

COD.			€/m
GIM	12x6m (72m)	0,235	

🇮🇹 L'applicazione è valida per la serie MINILUCE FRANCE

🇬🇧 Application valid for MINILUCE FRANCE series

🇫🇷 L'application est valide pour la série MINILUCE FRANCE





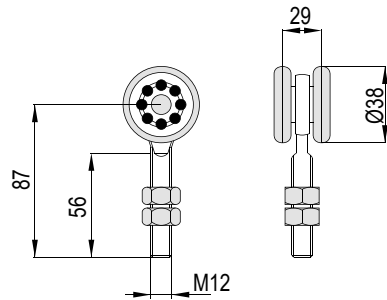
# CARRELLI SPECIALI SERIE OM

🇮🇹 CARRELLI SPECIALI "SERIE OM"

🇬🇧 SPECIAL TROLLEYS "OM SERIES"

🇫🇷 CHARIOTS SPÉCIAUX "SÉRIE OM"

## CARRELLO FISSO A 2 RUOTE

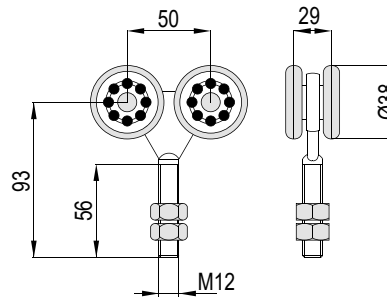


🇬🇧 Fixed trolley with 2 wheels

🇫🇷 Chariot fixe a 2 roulements

COD.	Ruote Wheels Roulements			€/pz
2RPC/OM	Zincate Zinked Zingué	20	0,290	

## CARRELLO FISSO A 4 RUOTE

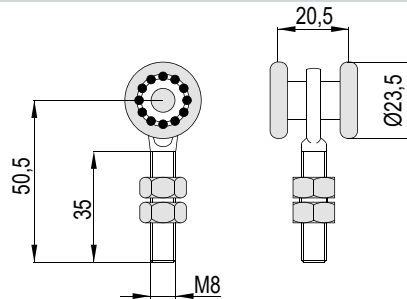


🇬🇧 Fixed trolley with 4 wheels

🇫🇷 Chariot fixe à 4 roulements

COD.	Ruote Wheels Roulements			€/pz
4RPC/OM	Zincate Zinked Zingué	10	0,540	

## CARRELLO FISSO A 2 RUOTE

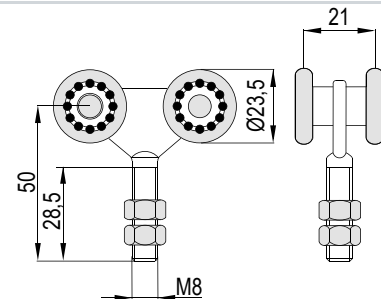


🇬🇧 Fixed trolley with 2 wheels

🇫🇷 Chariot fixe a 2 roulements

COD.	Ruote Wheels Roulements			€/pz
2RPP/OM	Acciaio Steel Acier	60	0,070	
S2RPP/OM	Nylon Nylon Nylon	60	0,060	

## CARRELLO FISSO A 4 RUOTE, STAFFA IN ACCIAIO ZINCATO

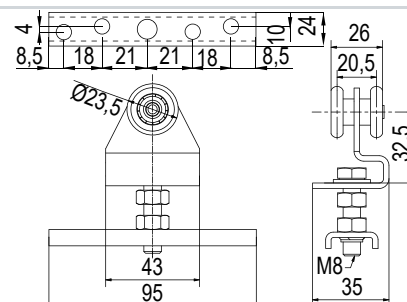


🇬🇧 Fixed trolley with 4 wheels and bracket in zinked steel

🇫🇷 Chariot fixe a 4 roul. etrier en acier zingué

COD.	Ruote Wheels Roulements			€/pz
4RPPZ/OM	Acciaio Steel Acier	30	0,125	
S4RPPZ/OM	Nylon Nylon Nylon	30	0,095	

## CARRELLO FISSO A 2 RUOTE



🇬🇧 Fixed trolley with 2 wheels

🇫🇷 Chariot fixe à 2 roulements

COD.	Ruote Wheels Roulements			€/pz
2RM/OM	Acciaio Steel Acier	60	0,170	
S2RM/OM	Nylon Nylon Nylon	60	0,160	

NUOVO PRODOTTO  
NEW PRODUCT  
NOUVEAU PRODUIT

NUOVO PRODOTTO  
NEW PRODUCT  
NOUVEAU PRODUIT

NUOVO PRODOTTO  
NEW PRODUCT  
NOUVEAU PRODUIT

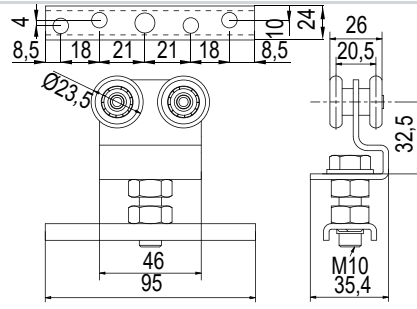
NUOVO PRODOTTO  
NEW PRODUCT  
NOUVEAU PRODUIT

NUOVO PRODOTTO  
NEW PRODUCT  
NOUVEAU PRODUIT



## CARRELLO FISSO A 4 RUOTE

NUOVO PRODOTTO  
NEW PRODUCT  
NOUVEAU PRODUIT



Fixed trolley with 4 wheels

Chariot fixe à 4 roulements

COD.	Ruote Wheels Roulements			€/pz
<b>4RM/OM</b>	Acciaio Steel Acier	30	0,250	
<b>S4RM/OM</b>	Nylon Nylon Nylon	30	0,225	

- Per altri ricambi della serie speciale OM fare riferimento alle famiglie SEMPIONE, FREW S e MINILUCE
- For other spare parts of the OM special series, refer to the SEMPIONE, FREW S and MINILUCE families
- Pour les autres pièces détachées de la série spéciale OM, se référer aux familles SEMPIONE, FREW S et MINILUCE

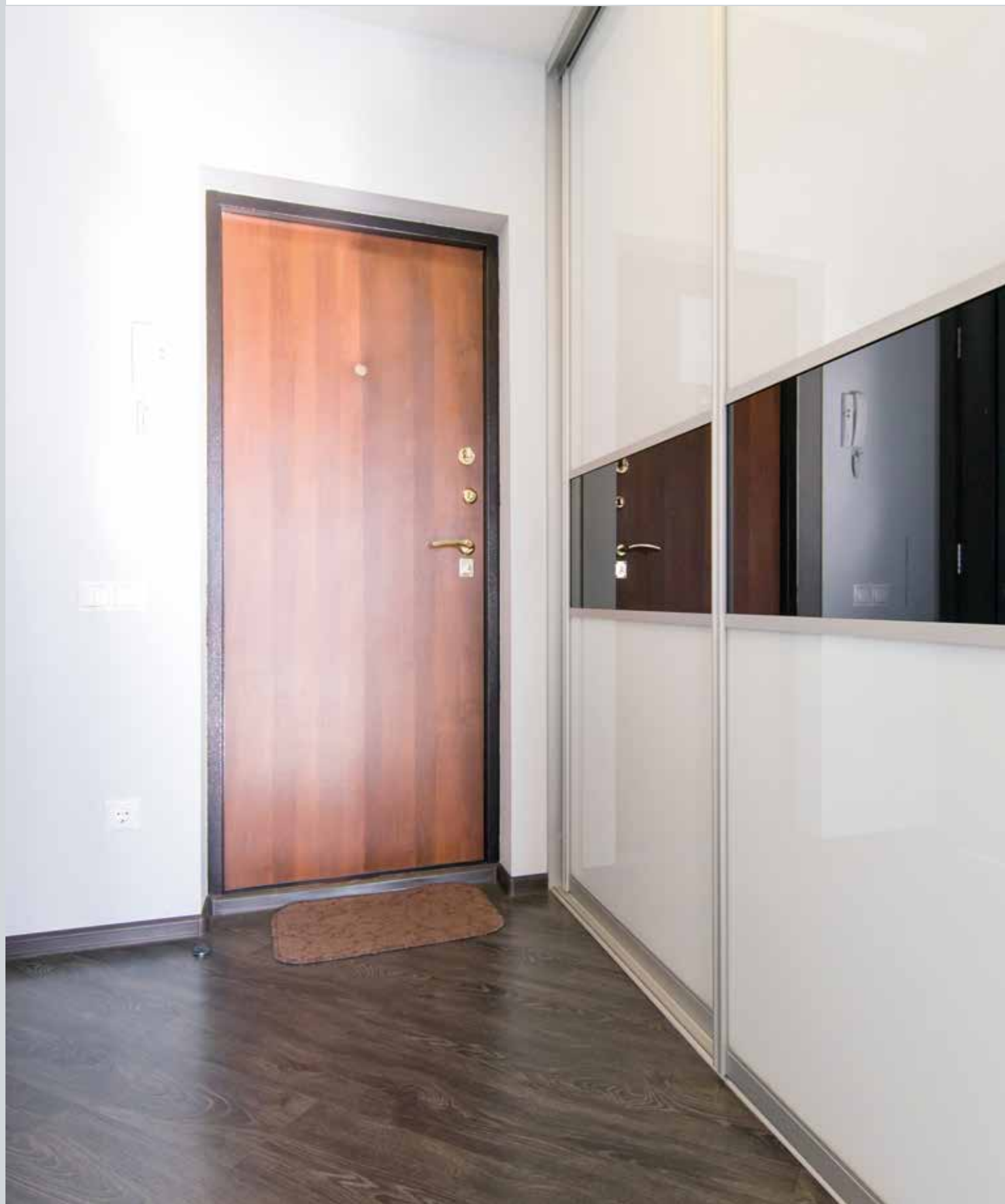


# CERNIERE E ACCESSORI PER PORTE BLINDATE

■ CERNIERE TORNITE E STAMPATE IN ACCIAIO

■ TURNED AND STAMPED HINGES IN STEEL

■ CHARNIÈRES EN ACIER, TOURNÉES ET IMPRIMÉES





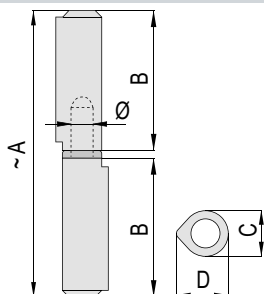
# CERNIERE TORNITE

IN ACCIAIO, CON PROFILO A GOCCIA, TORNITE A 2 ALI

IN STEEL, TURNED WITH 2 WINGS

EN ACIER, TOURNÉES, AVEC 2 AILES

## CERNIERA "ROLLER 1100" CON PERNO FISSO IN ACCIAIO E RONDELLA IN OTTONE

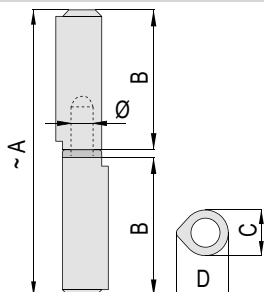


Turned hinge fix pin in steel and brass washer

Charnière tournée pivot fixe en acier et rondelle en laiton

COD.	A	B	C	D	Ø	KG		KG	€/pz
1100/40	40	18	10	12	6	25	60	0,020	
1100/60	60	28	10	12	6	38	40	0,035	
1100/80	80	38	12	14	7	50	40	0,070	
1100/100	100	48	14	16	8	80	40	0,115	
1100/120	120	58	16	18	10	100	20	0,180	
1100/140	140	68	16	18	10	140	20	0,215	
1100/160	160	78	22	25	14	150	10	0,472	
1100/180	180	87	22	25	14	160	10	0,460	
1100/200	200	100	22	25	14	175	10	0,590	

## CERNIERA "ROLLER 1100E" CON PERNO FISSO IN OTTONE E RONDELLA IN OTTONE

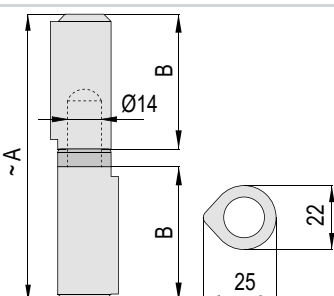


Turned hinge fix pin in steel and brass washer

Charnière tournée pivot fixe en acier et rondelle en laiton

COD.	A	B	C	D	Ø	KG		KG	€/pz
1100/E-40	40	18	10	12	6	15	60	0,020	
1100/E-60	60	28	10	12	6	25	40	0,035	
1100/E-80	80	38	12	14	7	40	40	0,070	
1100/E-100	100	48	14	16	8	55	40	0,115	
1100/E-120	120	58	16	18	10	75	20	0,180	
1100/E-140	140	68	16	18	10	90	20	0,215	
1100/E-160	160	78	22	25	14	100	10	0,472	
1100/E-180	180	87	22	25	14	100	10	0,460	
1100/E-200	200	100	22	25	14	100	10	0,590	

## CERNIERA "ROLLONA" CON PERNO FISSO IN ACCIAIO E RONDELLA IN OTTONE

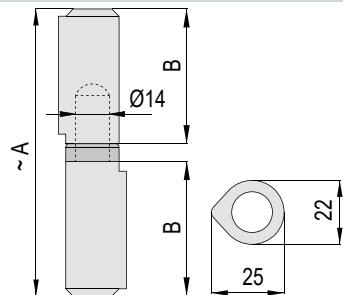


Turned hinge fix pin in steel and brass washer

Charnière tournée pivot fixe en acier et rondelle en laiton

COD.	A	B	KG		KG	€/pz
1100	100	47	75	14	0,290	
1150	140	66	150	10	0,387	

CERNIERA "ROLLONA" CON PERNO FISSO IN ACCIAIO E CUSCINETTO CEMENTATO ZINCATO

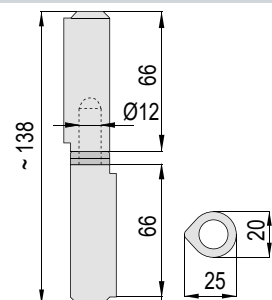


Turned hinge fix pin in steel and cemented zinked bearing

Charnière tournée pivot fixe en acier et coussinet cimenté zingué

COD.	A	B	KG		KG	€/pz
1100/R	100	47	75	14	0,290	
1150/R	140	66	150	10	0,387	

CERNIERA "ROLLONA 1150R/F" CON PERNO FISSO IN ACCIAIO E CUSCINETTO CEMENTATO ZINCATO

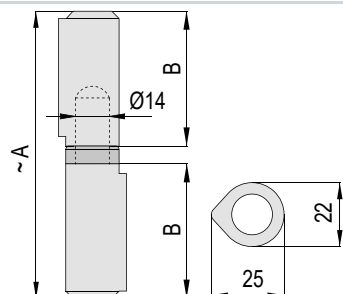


Turned hinge fix pin in steel and cemented zinked bearing

Charnière tournée pivot fixe en acier et coussinet cimenté zingué

COD.	KG		KG	€/pz
1150R/F	130	10	0,351	

CERNIERA "ROLLONA" CON PERNO SFILABILE IN ACCIAIO E CUSCINETTO CEMENTATO ZINCATO

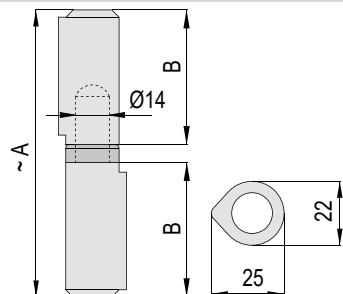


Turned hinge removable pin in steel and cemented zinked bearing

Charnière tournée pivot enfilaible en acier et coussinet cimenté zingué

COD.	A	B	KG		KG	€/pz
1100/RSF	100	47	75	14	0,290	
1150/RSF	150	71	150	10	0,425	

CERNIERA "ROLLONA" CON PERNO FISSO IN OTTONE E RONDELLA IN OTTONE

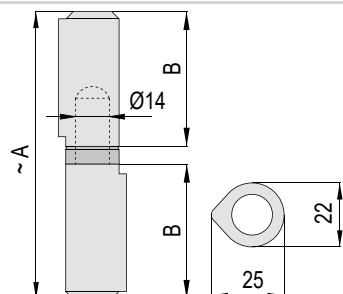


Turned hinge fix pin in brass and brass washer

Charnière tournée pivot fixe en laiton et rondelle en laiton

COD.	A	B	KG		KG	€/pz
1100/E	100	47	55	14	0,290	
1150/E	140	66	100	10	0,387	

CERNIERA "ROLLONA" CON PERNO FISSO IN OTTONE E CUSCINETTO CEMENTATO ZINCATO

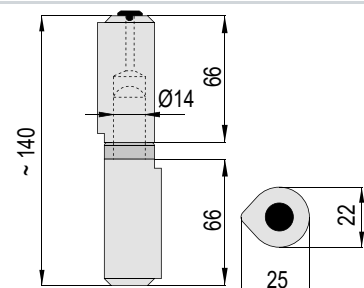


Turned hinge fix pin in brass and cemented zinked bearing

Charnière tournée pivot fixe en laiton et coussinet cimenté zingué

COD.	A	B	KG		KG	€/pz
1100/E-C	100	47	75	14	0,290	
1150/E-C	140	66	150	10	0,387	

CERNIERA CON PERNO FISSO IN OTTONE, CUSCINETTO CEMENTATO ZINCATO E FORO LUBR.

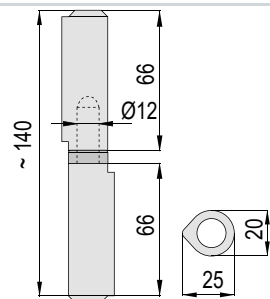


Turned hinge fix pin in brass, cemented zinked bearing and lubrication hole

Charnière tournée pivot fixe en laiton, coussinet cimenté zingué et trou de lubrification

COD.	KG		KG	€/pz
1150/E-CL	150	10	0,387	

CERNIERA "ROLLONA 1150EC/F" CON PERNO FISSO IN OTTONE E CUSCINETTO CEMENTATO ZINCATO

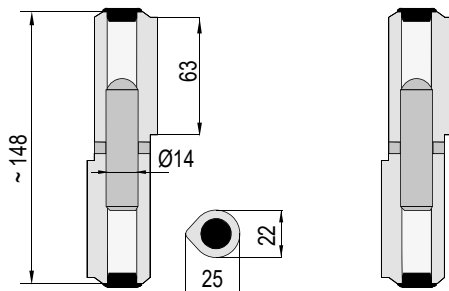


Turned hinge fix pin in brass and cemented zinked bearing

Charnière tournée pivot fixe en laiton et coussinet cimenté zingué

COD.	KG	Box	KG	€/pz
1150EC/F	100	10	0,360	

CERNIERA 1150/F CON PERNO SFILABILE IN OTTONE E RONDELLA IN OTTONE



Turned hinge, removable pin in brass and washer in brass

Charnière tournée avec pivot enfilable en laiton, rondelle en laiton

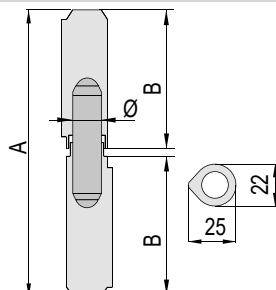
COD.	KG	Box	KG	€/pz
1150/F	100	10	0,432	

I fori con tappi di chiusura facilitano i processi di verniciatura e/o zincatura e proteggono il perno dagli agenti esterni

The holes with closing caps facilitate painting and/or galvanizing process, and protect the pin from external agents

Les trous avec des bouchons de fermeture facilitent les procès de peinture et/ou la galvanisation et protègent la goupille contre les agents externes

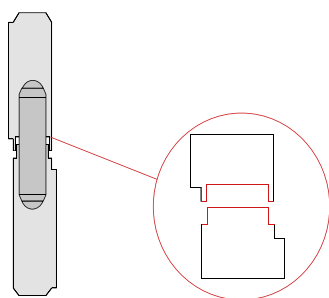
CERNIERA AD INCASTRO CON PERNO SFILABILE A SFERE IN ACCIAIO CEMENTATO



Turned hinge with removable pin on balls, in cemented steel

Charnière tournée avec pivot enfilable, à enlever, spheres en acier cimenté

COD.	A	B	KG	Box	KG	€/pz
1100/S	100	48,5	75	14	0,283	
1150/S	148	73	150	14	0,432	

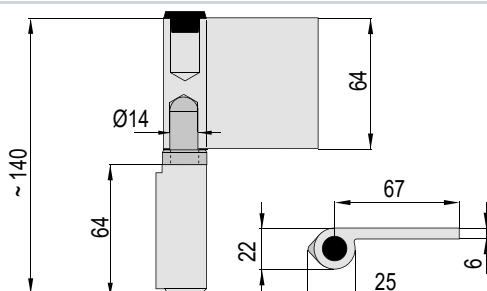


Profilo ad incastro protetto antitaglio ideale per persiane esterne. Protezione del perno dagli agenti esterni

Interlocking profile protected against cut, ideal for external blinds. Pin protection from external agents

Profil à encastrement protégé anticoupe, idéal pour persiennes extérieures. Protection du pivot des agents extérieures

CERNIERA AMBIDESTRA CON PERNO FISSO IN ACCIAIO E CUSCINETTO CEMENTATO ZINCATO



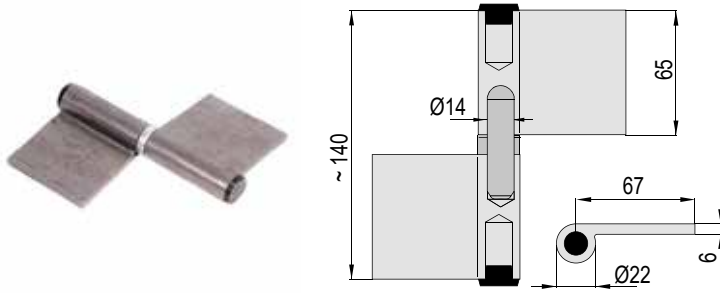
Turned hinge, ambidextrous, with cemented zinked bearing with fixed steel pin

Charnière tournée, ambidextre, avec pivot fixe en acier et coussinet cimenté zingué

COD.	KG	Box	KG	€/pz
1150/E-CA	130	4	0,630	



CERNIERA AMBIDESTRA CON PERNO SFILABILE IN ACCIAIO E CUSCINETTO CEMENTATO ZINCATO



Turned, ambidextrous hinge, with removable steel pin and cemented zinked bearing

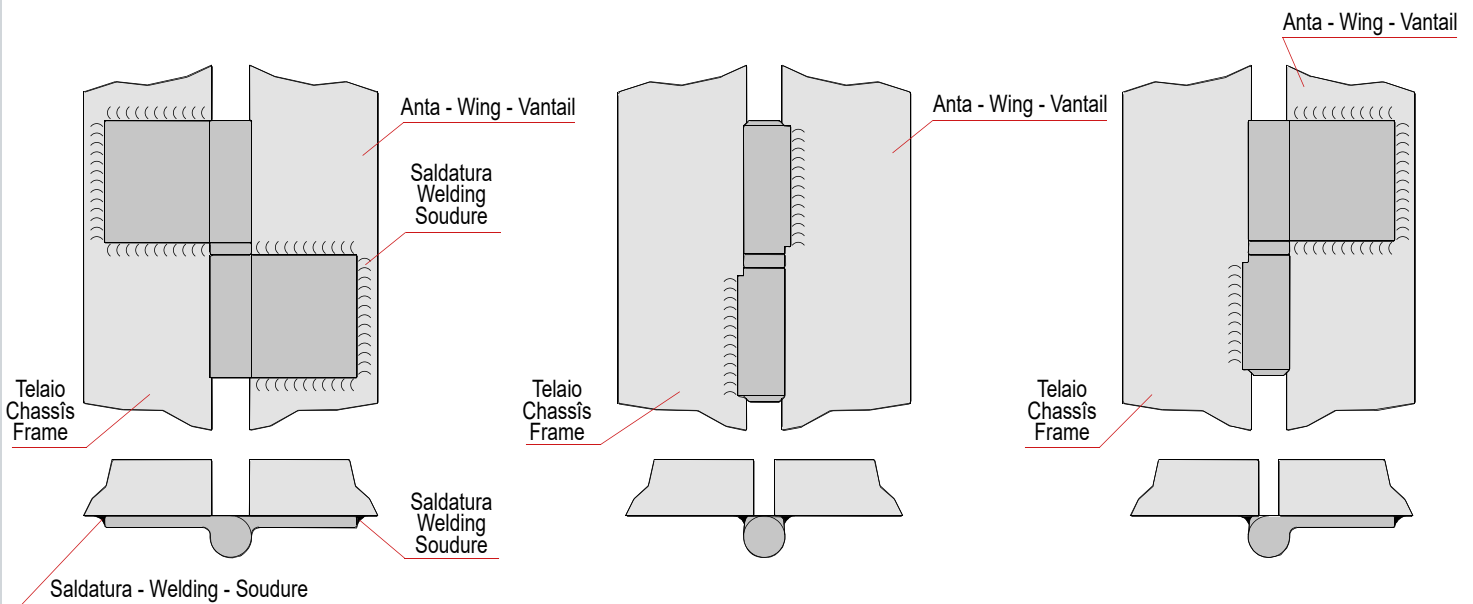
Charnière tournée, ambidextre, avec pivot enfilable en acier et coussinet cimenté zingué

COD.	KG	KG	€/pz
1150/ASF	200	4	0,690

Esempi di saldatura delle cerniere

Hinge welding examples

Exemples de soudage des charnières



Note tecniche

Notes techniques

Technical notes:

Si ricorda che le cerniere vanno lubrificate periodicamente. Il lubrificante non deve lasciare residui siliconici.

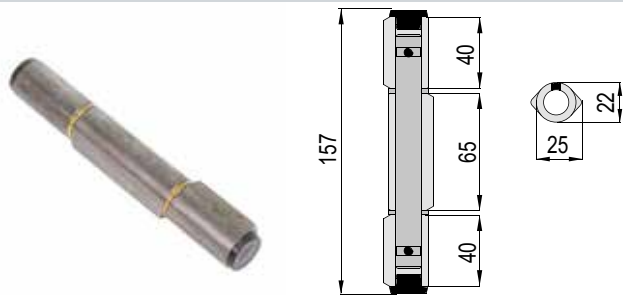
Be aware that hinges must be lubricated periodically. Lubricant must not leave silicone residue.

Rappelez-vous que les charnières doivent être lubrifiées périodiquement. Le lubrifiant ne doit pas laisser de résidus de silicone.

CERNIERA WASISTAS CON PERNO SFILABILE IN OTTONE E RONDELLE IN OTTONE

WASISTAS hinge, with extracting brass pin

Charnière WASISTAS, avec pivot enfilable en laiton

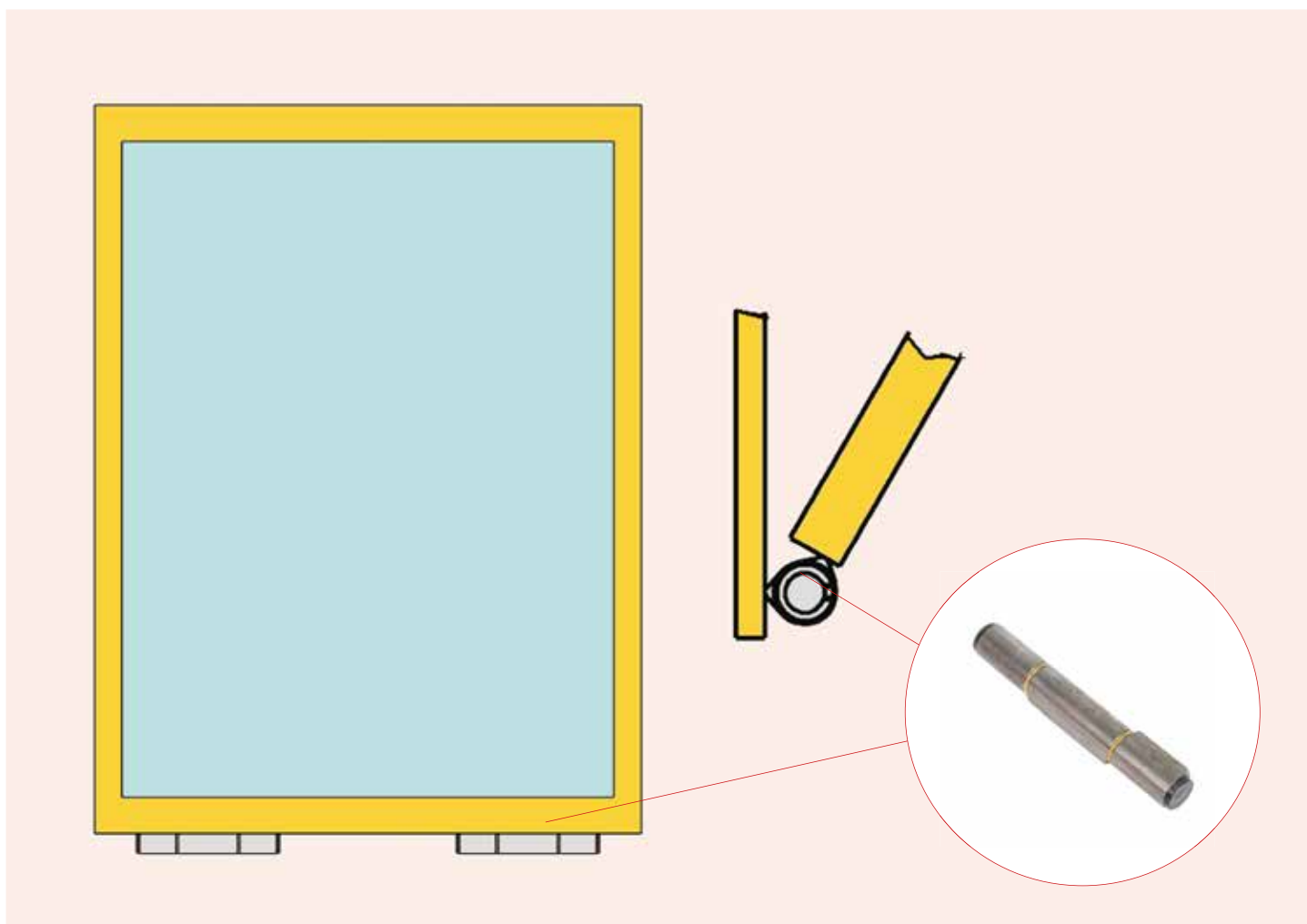


COD.	KG		KG	€/pz
1150/W	150	4	0,400	

Applicazione con cerniera WASISTAS

WASISTAS hinge application

Application charniere WASISTAS



IMPORTANTE: per il profilo a goccia 22x25 e 20x25 si eseguono particolari torniti su disegno del cliente

IMPORTANT: for drop profile 22x25 and 20x25 we can realize turned parts according to customer's drawing

IMPORTANT: pour ce qui concerne le profil à goutte 22x25 et 20x25 on peut réaliser des pièces tournées sur dessin du client



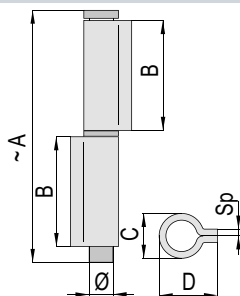
# CERNIERE STAMPATE

IN ACCIAIO STAMPATO, A 2 - 3 - 4 ALI

IN STAMPED STEEL, WITH 2 - 3 - 4 WINGS

EN ACIER IMPRIMÉE, AVEC 2 - 3 - 4 AILES

## CERNIERA "HORA 1300" CON PERNO SFILABILE ZINCATO E RONDELLA ZINCATA

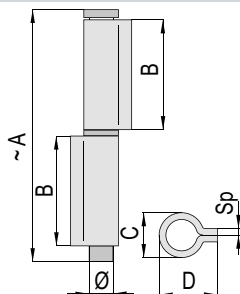


Stamped hinge with removable zinked pin and zinked washer

Charnière imprimée pivot enfila- ble zingué et rondelle zingué

COD.	A	B	C	D	Ø	Sp	KG	KG	KG	€/pz
1300/60	60	27	12	17	8	2	90	40	0,058	
1300/80	80	37	12	17	8	2	100	40	0,080	
1300/100	100	46	14,5	20,25	10	2	150	40	0,136	
1300/120	120	55	15	20,5	10	2,5	150	25	0,180	
1300/140	140	65	16	21,5	11	2,5	200	25	0,242	
1300/170	170	80	18	24	12	3	220	15	0,368	
1300/200	200	95	20	28	14	3	250	20	0,526	

## CERNIERA "HORA 1300" ZINCATA CON PERNO SFILABILE E RONDELLA ZINCATA

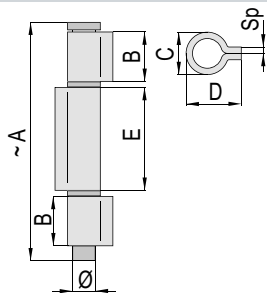


Stamped zinked hinge with removable pin and washer

Charnière imprimée zingué pivot enfila- ble et rondelle

COD.	A	B	C	D	Ø	Sp	KG	KG	KG	€/pz
1300/60Z	60	27	12	17	8	2	90	40	0,058	
1300/80Z	80	37	12	17	8	2	100	40	0,080	
1300/100Z	100	46	14,5	20,25	10	2	150	40	0,136	
1300/120Z	120	55	15	20,5	10	2,5	150	25	0,180	
1300/140Z	140	65	16	21,5	11	2,5	200	25	0,242	
1300/170Z	170	80	18	24	12	3	220	15	0,368	
1300/200Z	200	95	20	28	14	3	250	20	0,526	

CERNIERA "MERIDIANA 1400" CON PERNO SFILABILE ZINCATO E RONDELLE ZINCATE

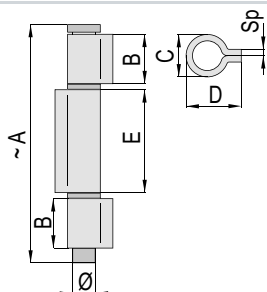


🇬🇧 Stamped hinge with removable zinked pin and zinked washers

🇮🇹 Charnière imprimée pivot enfila- ble zingué et rondelles zingués

COD.	A	B	C	D	E	Ø	Sp	KG	KG	KG	€/pz
1400/80	80	17,5	12	17	37,5	8	2	100	40	0,078	
1400/100	100	21,5	14,5	20,25	46	10	2	120	40	0,132	
1400/120	120	27	15	20,5	55	10	2,5	170	25	0,186	
1400/140	140	32	16	21,5	65	11	2,5	230	25	0,246	
1400/170	170	39	18	24	80	12	3	250	15	0,370	
1400/200	200	46,5	20	28	95	14	3	300	20	0,528	

CERNIERA "MERIDIANA 1400" ZINCATA CON PERNO SFILABILE ZINCATO E RONDELLE ZINCATE

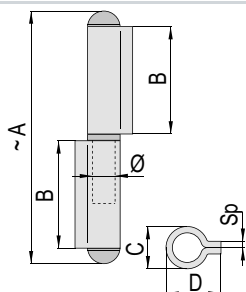


🇬🇧 Stamped zinked hinge with removable pin and zinked washers

🇮🇹 Charnière imprimée zingué pivot enfila- ble et rondelles zingués

COD.	A	B	C	D	E	Ø	Sp	KG	KG	KG	€/pz
1400/80Z	80	17,5	12	17	37,5	8	2	100	40	0,078	
1400/100Z	100	21,5	14,5	20,25	46	10	2	120	40	0,132	
1400/120Z	120	27	15	20,5	55	10	2,5	170	25	0,186	
1400/140Z	140	32	16	21,5	65	11	2,5	230	25	0,246	
1400/170Z	170	39	18	24	80	12	3	250	15	0,370	
1400/200Z	200	46,5	20	28	95	14	3	300	20	0,528	

CERNIERA "KOSMO 1200" CON PERNO FISSO IN ACCIAIO

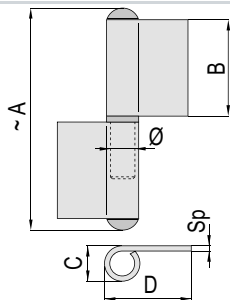


🇬🇧 Stamped hinge with 2 wings. in steel. fixed pin

🇮🇹 Charnière imprimée avec 2 ailes. en acier. pivot fix

COD.	A	B	C	D	Ø	Sp	KG	KG	KG	€/pz
1200/60	64	27	10	13,5	6	2	75	24	0,050	
1200/80	84	36	12	17	7,8	2	90	24	0,060	
1200/100	107	46	14	18	8,8	2,2	140	24	0,095	
1200/120	125	56	15	19	9,8	2,3	150	24	0,135	
1200/140	148	66	16	22	10,8	2,5	200	24	0,175	
1200/170	180	81	17	23	11,8	2,7	250	12	0,250	
1200/200	210	96	20	27	13,8	3	300	12	0,390	

CERNIERA "FISCIA 1500" CON PERNO FISSO IN ACCIAIO (DESTRA/SINISTRA)

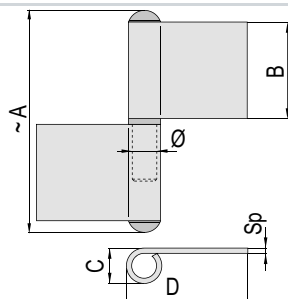


🇬🇧 Hinge in stamped steel, with 2 wings (right/left) fixed pin

🇫🇷 Charnière imprimée en acier, avec 2 ailes (droit/gauche) pivot fix

COD.	A	B	C	D	Ø	Sp	KG	KG	KG	€/pz
1500/60	71	30	14	34	8,2	2,6	75	20	0,100	
1500/80	90	39	14	34	8,2	2,6	90	20	0,140	
1500/100	113	50	17	48,5	10,2	3	140	12	0,270	
1500/120	134	60	17	50	10,2	3	160	12	0,315	
1500/140	155	70	20	56	12,2	3,5	210	12	0,450	
1500/160	175	80	20	56	12,2	3,5	240	12	0,510	

CERNIERA "FISCIA 1700" CON PERNO FISSO IN ACCIAIO (DESTRA/SINISTRA)

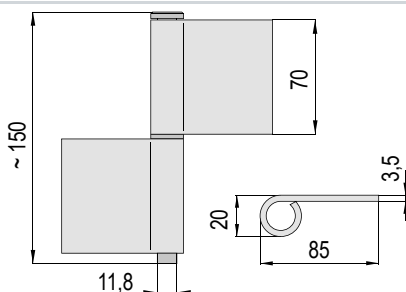


🇬🇧 Hinge in stamped steel, with 2 wings (right/left) fixed pin

🇫🇷 Charnière imprimée en acier, avec 2 ailes (droit/gauche) pivot fix en acier

COD.	A	B	C	D	Ø	Sp	KG	KG	KG	€/pz
1700/60	70	30	14	65	8,2	2,6	80	20	0,140	
1700/80	90	39	14	65	8,2	2,6	100	20	0,175	
1700/100	114	50	17	68	10,2	3	150	12	0,310	
1700/120	134	60	17	68	10,2	3	180	12	0,370	
1700/140	155	70	20	85	12,2	3,5	220	10	0,630	
1700/160	175	80	20	85	12,2	3,5	275	6	0,690	

CERNIERA "FISCIA 1140" CON PERNO SFILABILE E RONDELLA IN ACCIAIO ZINCATO



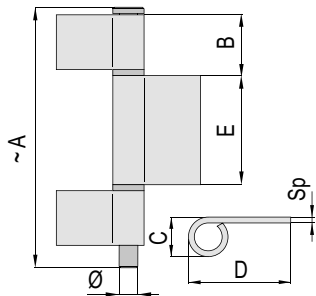
🇬🇧 Hinge in stamped steel, with 2 wings, removable pin and washer in zinked steel

🇫🇷 Charnière imprimée en acier, avec 2 ailes, pivot enfilaible et rondelle en acier zingué

COD.	KG	KG	KG	€/pz
1140	200	10	0,630	



CERNIERA "FISCIA 1640" CON PERNO SFILABILE

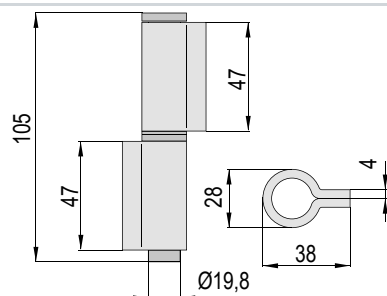


🇬🇧 Hinge in stamped steel, with 3 wings, removable pin

🇫🇷 Charnière imprimée en acier, avec 3 ailes, pivot enfila- ble

COD.	A	B	C	D	E	Ø	Sp	KG	KG	KG	€/pz
1640/110	130	30	15	60	50	9,8	2,6	180	10	0,265	
1640/140	160	35	18	56	70	11,8	3	260	10	0,395	
1640/170	190	45	20	65	80	11,8	3,5	300	10	0,640	
1640/200	220	50	22	69	100	12,8	4	350	10	0,900	

CERNIERONA CON PERNO SFILABILE, RONDELLA IN OTTONE E FORO DI LUBR.

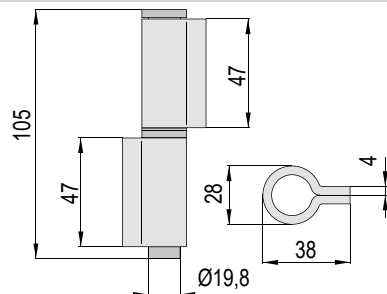


🇬🇧 Big stamped hinge, with 2 short wings, in steel, removable pin, brass washer. Lubrication hole

🇫🇷 Charnière grande imprimée, avec 2 ailes fermées courtes, en acier, pivot enfila- ble, rondelle en laiton. Trou de lubrification

COD.	KG	KG	€/pz
1090CO/2	170	12	0,540

CERNIERONA CON PERNO SFILABILE, CUSCINETTO CEMENTATO ZINCATO E FORO DI LUBR.

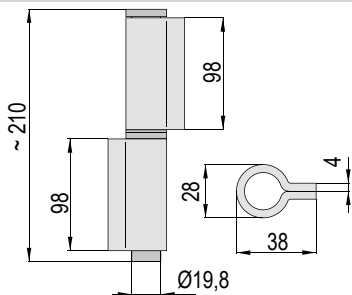


🇬🇧 Big stamped hinge, with 2 short wings, in steel, removable pin, cemented zinked bearing. Lubrication hole

🇫🇷 Charnière grande imprimée, avec 2 ailes fermées courtes, en acier, pivot enfila- ble, coussinet cimenté zingué. Trou de lubrification

COD.	KG	KG	€/pz
1090CC/2	170	12	0,550

CERNIERONA CON PERNO SFILABILE, RONDELLA IN OTTONE E FORO DI LUBR.

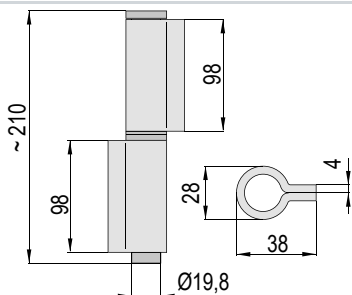


🇬🇧 Big stamped hinge, with removable pin, brass washer. Lubrication hole

🇫🇷 Charnière grande imprimée, pivot enfila- ble, rondelle en laiton. Trou de lubrification

COD.	KG	KG	€/pz
1180CO/2	350	10	1,180

CERNIERONA CON PERNO SFILABILE, CUSCINETTO CEMENTATO ZINCATO E FORO DI LUBR.

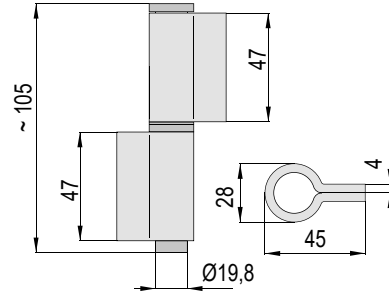


🇬🇧 Big stamped hinge, with removable pin, cemented zinked bearing. Lubrication hole

🇫🇷 Charnière grande imprimée, pivot enfila- ble, coussinet cimenté zingué. Trou de lubrification

COD.	KG	KG	€/pz
1180CC/2	350	10	1,190

**CERNIERONA CON PERNO SFILABILE, RONDELLA IN OTTONE E FORO DI LUBR.**

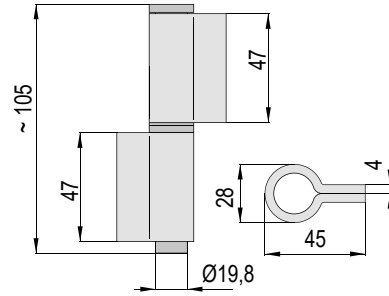


Big stamped hinge, with removable pin, brass washer. Lubrication hole

Charnière grande imprimée, pivot enfila- ble, rondelle en laiton. Trou de lubrification

COD.				€/pz
<b>1090MO/2</b>	190	10	0,585	

**CERNIERONA CON PERNO SFILABILE, CUSCINETTO CEMENTATO ZINCATO E FORO DI LUBR.**

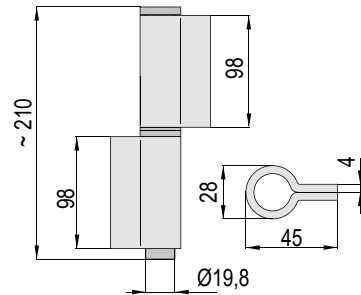


Big stamped hinge, with removable pin, cemented zincated bearing. Lubrication hole

Charnière grande imprimée, pivot enfila- ble, coussinet cimenté zingué. Trou de lubrification

COD.				€/pz
<b>1090MC/2</b>	190	10	0,590	

**CERNIERONA CON PERNO SFILABILE, RONDELLA IN OTTONE E FORO DI LUBR.**

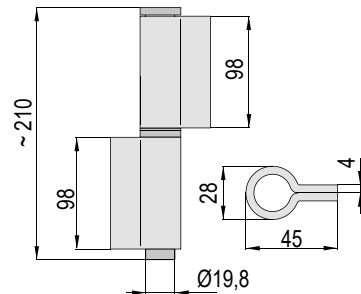


Big stamped hinge, with removable pin, brass washer. Lubrication hole

Charnière grande imprimée, pivot enfila- ble, rondelle en laiton. Trou de lubrification

COD.				€/pz
<b>1180MO/2</b>	380	8	1,155	

**CERNIERONA CON PERNO SFILABILE, CUSCINETTO CEMENTATO E FORO DI LUBR.**

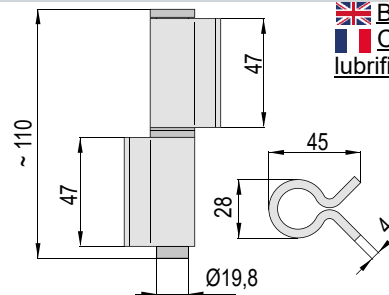


Big stamped hinge, with removable pin, cemented bearing. Lubrication hole

Charnière grande imprimée, pivot enfila- ble, coussinet cimenté. Trou de lubrification

COD.				€/pz
<b>1180MC/2</b>	380	8	1,160	

**CERNIERONA CON PERNO SFILABILE, RONDELLA IN OTTONE E FORO DI LUBR.**

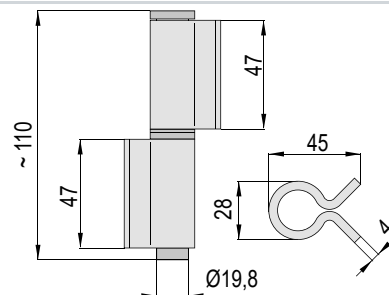


Big stamped hinge, with removable pin, brass washer. Lubrication hole

Charnière grande imprimée, pivot enfila- ble, rondelle en laiton. Trou de lubrification

COD.	Versione Version Version				€/pz
<b>1090AO/2</b>	Grezza Raw Brut	400	10	0,585	
<b>1090AO/2Z</b>	Zincata Zinked Zinqué	400	10	0,585	

**CERNIERONA CON PERNO SFILABILE, CUSCINETTO CEMENTATO E FORO DI LUBR.**



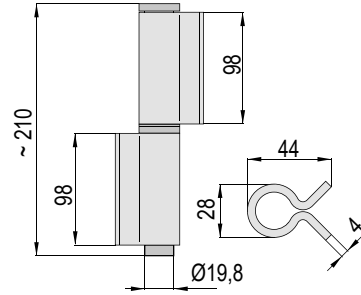
Big stamped hinge, with removable pin, cemented bearing. Lubrication hole

Charnière grande imprimée, pivot enfila- ble, coussinet cimenté. Trou de lubrification

COD.				€/pz
<b>1090AC/2</b>	400	10	0,590	

art. 1090AO/2Z NUOVO PRODOTTO  
art. 1090AO/2Z NUOVO PRODOTTO  
art. 1090AO/2Z NUOVO PRODOTTO

CERNIERONA CON PERNO SFILABILE, RONDELLA IN OTTONE E FORO DI LUBR.

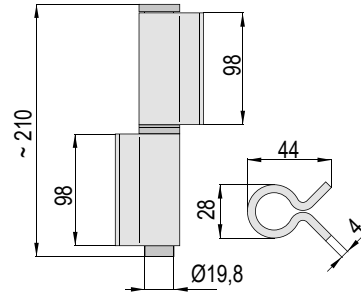


Big stamped hinge, with removable pin, brass washer. Lubrication hole

Charnière grande imprimée, pivot enfila- ble, rondelle en laiton. Trou de lubrification

COD.	KG		KG	€/pz
1180AO/2	500	8	1,175	

CERNIERONA CON PERNO SFILABILE, CUSCINETTO CEMENTATO E FORO DI LUBR.

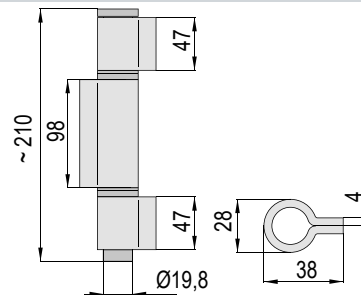


Big stamped hinge, with removable pin, cemented bearing. Lubrication hole

Charnière grande imprimée, pivot enfila- ble, coussinet cimenté. Trou de lubrification

COD.	KG		KG	€/pz
1180AC/2	500	8	1,180	

CERNIERONA CON PERNO SFILABILE, RONDELLE IN OTTONE E FORO DI LUBR.

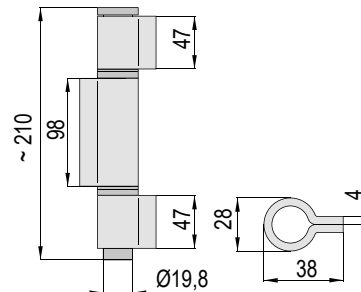


Big stamped hinge, with removable pin, brass washers. Lubrication hole

Charnière grande imprimée, pivot enfila- ble, rondelles en laiton. Trou de lubrification

COD.	KG		KG	€/pz
1180CO/3	350	10	1,075	

CERNIERONA CON PERNO SFILABILE, CUSCINETTI CEMENTATI E FORO DI LUBR.

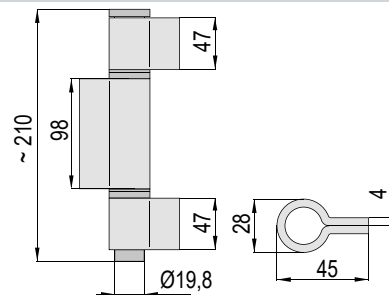


Big stamped hinge, with removable pin, cemented bearings. Lubrication hole

Charnière grande imprimée, pivot enfila- ble, coussinets cimentés. Trou de lubrification

COD.	KG		KG	€/pz
1180CC/3	350	10	1,080	

CERNIERONA CON PERNO SFILABILE, RONDELLE IN OTTONE E FORO DI LUBR.

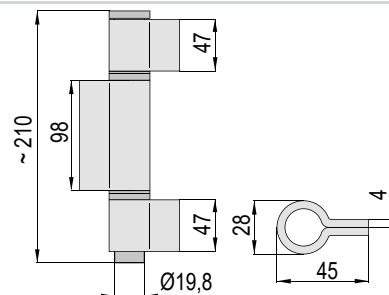


Big stamped hinge, with removable pin, brass washers. Lubrication hole

Charnière grande imprimée, pivot enfila- ble, rondelles en laiton. Trou de lubrification

COD.	KG		KG	€/pz
1180MO/3	470	8	1,155	

CERNIERONA CON PERNO SFILABILE, CUSCINETTI CEMENTATI E FORO DI LUBR.

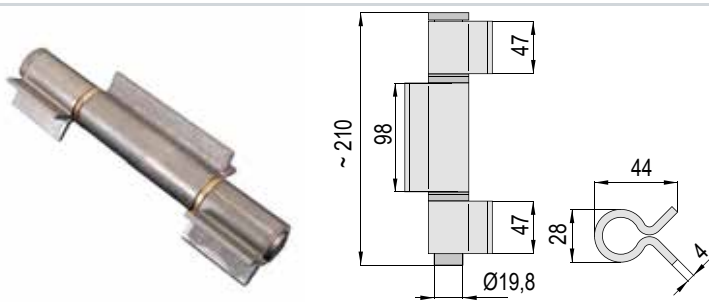


Big stamped hinge, with removable pin, cemented bearings. Lubrication hole

Charnière grande imprimée, pivot enfila- ble, coussinets cimentés. Trou de lubrification

COD.	KG		KG	€/pz
1180MC/3	470	8	1,160	

CERNIERONA CON PERNO SFILABILE, RONDELLE IN OTTONE E FORO DI LUBR.

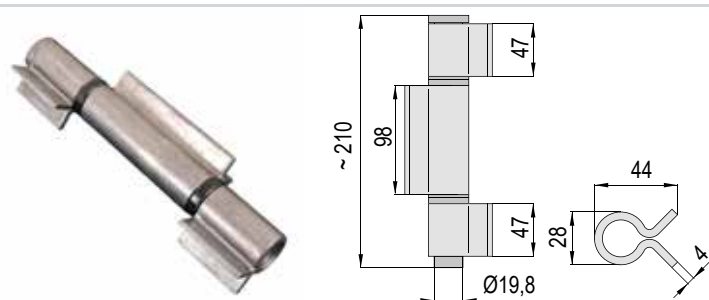


Big stamped hinge, with removable pin, brass washers. Lubrication hole

Charnière grande imprimée, pivot enfila- ble, rondelles en laiton. Trou de lubrification

COD.	KG		KG	€/pz
1180AO/3	450	8	1,165	

CERNIERONA CON PERNO SFILABILE, CUSCINETTI CEMENTATI E FORO DI LUBR.

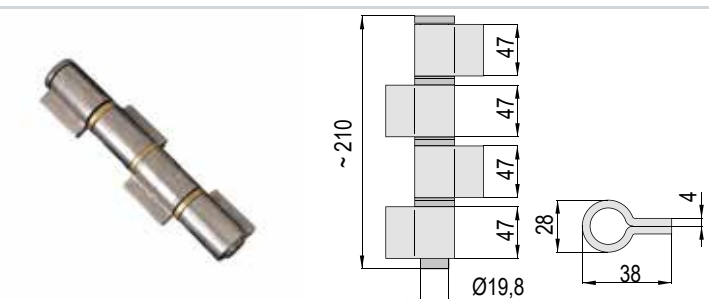


Big stamped hinge, with removable pin, cemented bearings. Lubrication hole

Charnière grande imprimée, pivot enfila- ble, coussinets cimentés. Trou de lubrification

COD.	KG		KG	€/pz
1180AC/3	450	8	1,170	

CERNIERONA CON PERNO SFILABILE, RONDELLE IN OTTONE E FORO DI LUBR.

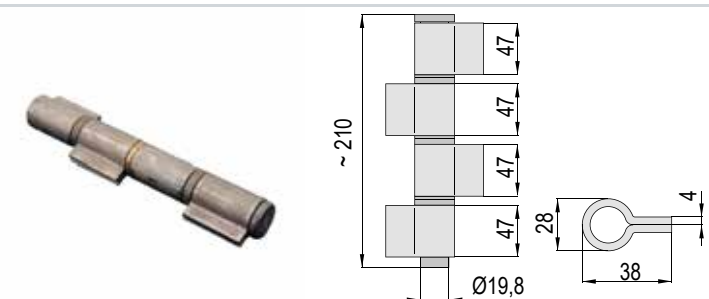


Big stamped hinge, with removable pin, brass washers. Lubrication hole

Charnière grande imprimée, pivot enfila- ble, rondelles en laiton. Trou de lubrification

COD.	KG		KG	€/pz
1180CO/4	350	10	1,075	

CERNIERONA CON PERNO SFILABILE, CUSCINETTI CEMENTATI E FORO DI LUBR.

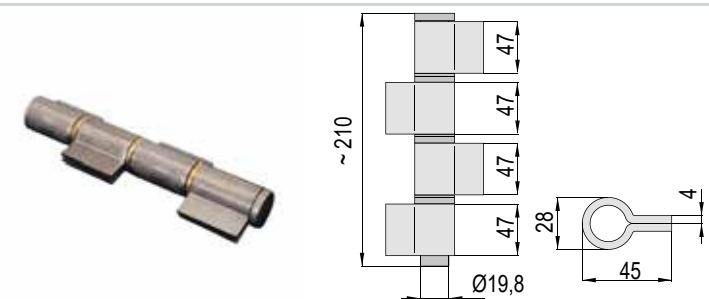


Big stamped hinge, with removable pin, cemented bearings. Lubrication hole

Charnière grande imprimée, pivot enfila- ble, coussinets cimentés. Trou de lubrification

COD.	KG		KG	€/pz
1180CC/4	350	10	1,080	

CERNIERONA CON PERNO SFILABILE, RONDELLE IN OTTONE E FORO DI LUBR.

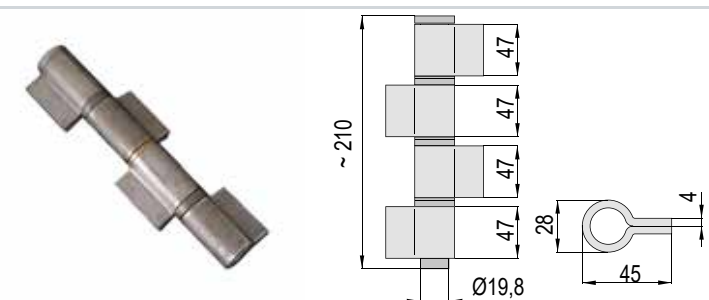


Big stamped hinge, with removable pin, brass washers. Lubrication hole

Charnière grande imprimée, pivot enfila- ble, rondelles en laiton. Trou de lubrification

COD.	KG		KG	€/pz
1180MO/4	400	8	1,155	

CERNIERONA CON PERNO SFILABILE, CUSCINETTI CEMENTATI E FORO DI LUBR.



Big stamped hinge, with removable pin, cemented bearings. Lubrication hole

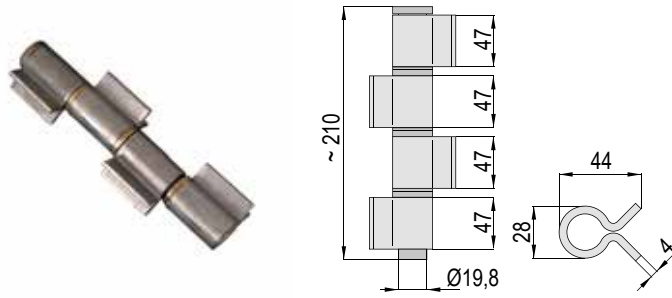
Charnière grande imprimée, pivot enfila- ble, coussinets cimentés. Trou de lubrification

COD.	KG		KG	€/pz
1180MC/4	400	8	1,020	

CERNIERONA CON PERNO SFILABILE, RONDELLE IN OTTONE E FORO DI LUBR.

Big stamped hinge, with removable pin, brass washers. Lubrication hole

Charnière grande imprimée, pivot enfila- ble, rondelles en laiton. Trou de lubrification

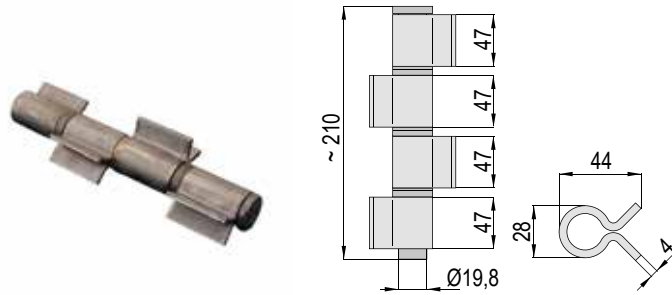


COD.	KG	8	KG	€/pz
1180AO/4	400	8	1,165	

CERNIERONA CON PERNO SFILABILE, CUSCINETTI CEMENTATI E FORO DI LUBR.

Big stamped hinge, with removable pin, cemented bearings. Lubrication hole

Charnière grande imprimée, pivot enfila- ble, coussinets cimentés. Trou de lubrification

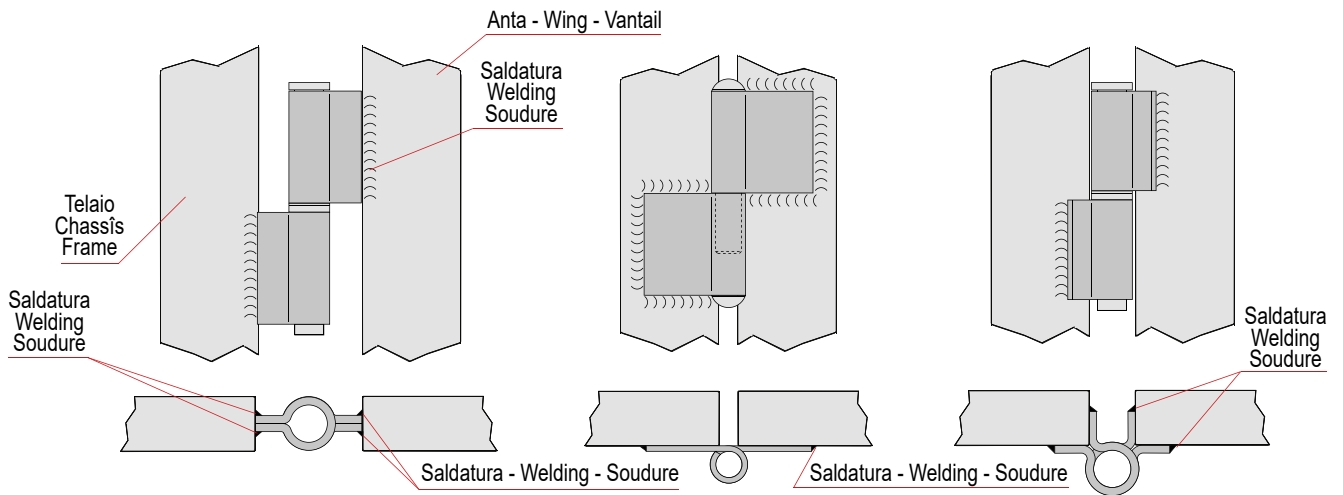


COD.	KG	8	KG	€/pz
1180AC/4	400	8	1,170	

Esempi di saldatura delle cerniere

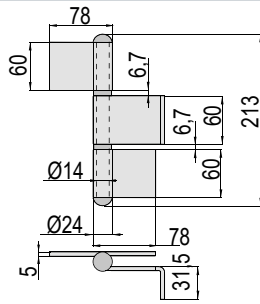
Hinge welding examples

Exemples de soudage des charnières





CERNIERA A 3 ALI CON PERNO SFILABILE ZINCATO E CUSCINETTI CEMENTATI



🇬🇧 Hinge with 3 wings, removable zinked pin and cemented bearings

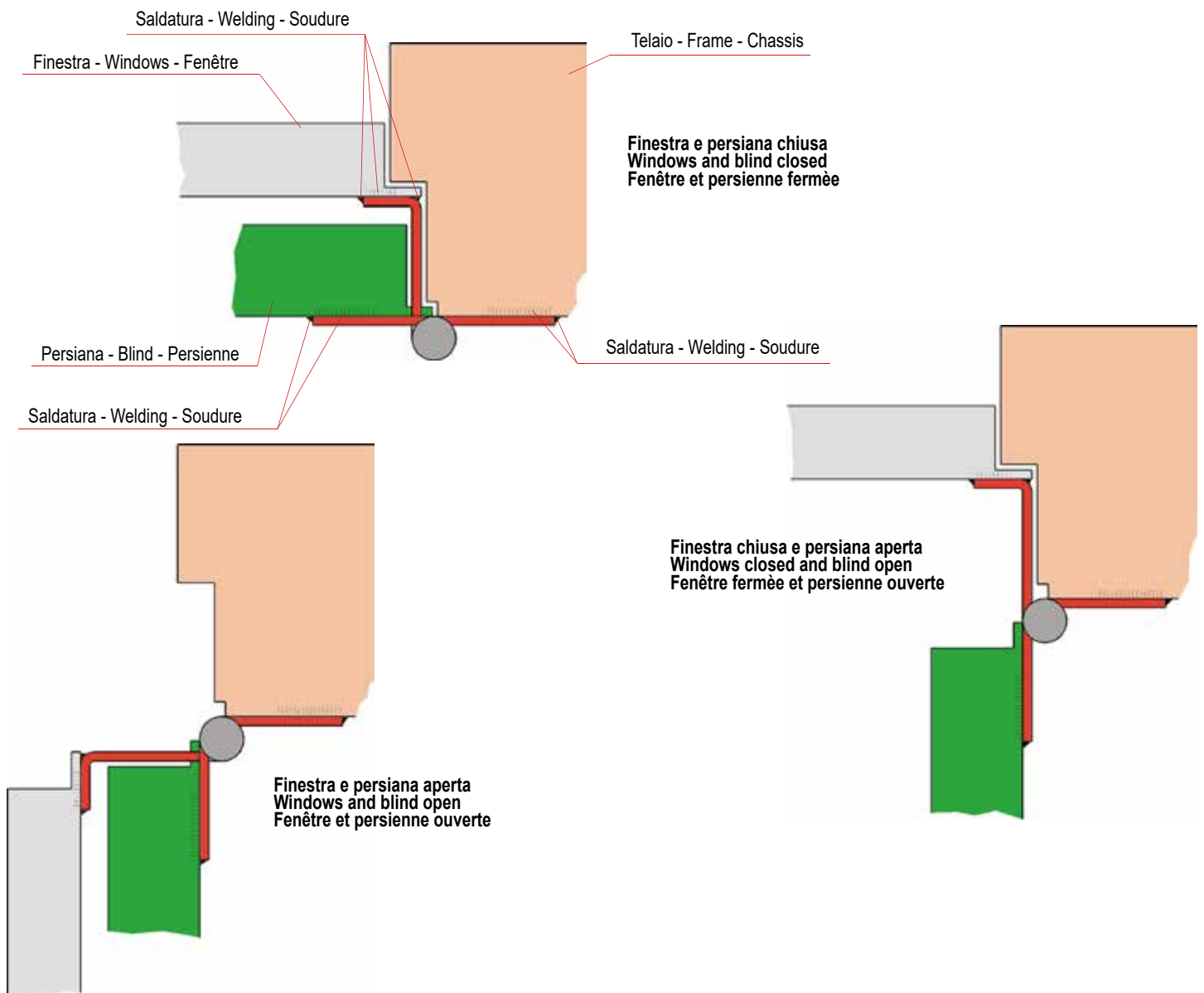
🇫🇷 Charnière à 3 ailes avec pivot coulant zingué, coussinets cimentés

COD.	Versione Version Version	KG	KG	KG	€/pz
1180FPD/3	Destra Right Droit	200	8	1,200	
1180FPS/3	Sinistra Left Gauche	200	8	1,200	

🇫🇷 Esempio di applicazione della cerniera a tre ali 1180FP/3

🇬🇧 Hinge with 3 wings 1180FP/3 application example

🇫🇷 Exemple d'application des charnière à 3 alies 1180FP/3





# CERNIERE REGISTRABILI

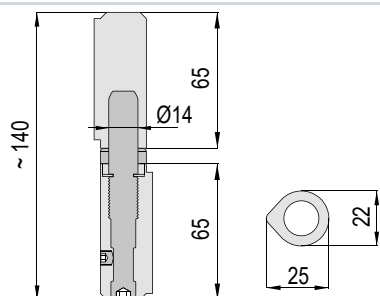
IN ACCIAIO, TORNITE A 2 ALI REGISTRABILI

IN STEEL, TURNED WITH 2 ADJUSTABLE WINGS

EN ACIER, TOURNÉES AVEC 2 AILES RÉGLABLES

BREVETTATA  
PATENTED  
BREVETÉE

## CERNIERA AMBIDESTRA REGISTRABILE CON PERNO IN ACCIAIO E CUSCINETTO CEMENTATO ZINCATO



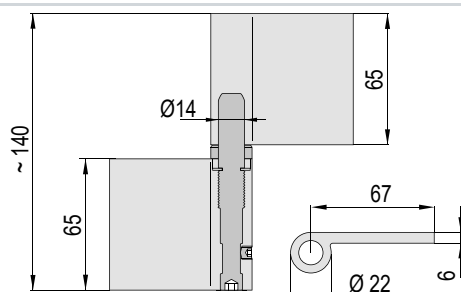
“Patented” hinge ambidextrous, with steel pin and cemented zinked bearing. Lateral dowl

Charnière “brevetée” ambidestre avec pivot en acier et coussinet cimenté zingué. Grain laterale

COD.	KG		KG	€/pz
1150/RR	150	10	0,380	

BREVETTATA  
PATENTED  
BREVETÉE

## CERNIERA REGISTRABILE CON PERNO IN ACCIAIO E CUSCINETTO CEMENTATO ZINCATO

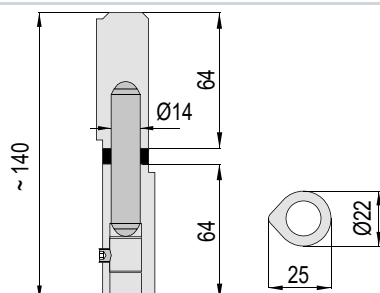


“Patented” hinge with steel pin and cemented zinked bearing. Lateral dowl

Charnière “brevetée” avec pivot en acier et coussinet cimenté zingué. Grain laterale

COD.	Versione Version	KG		KG	€/pz
1150RR/AD	Destra Right Droit	300	4	0,735	
1150RR/AS	Sinistra Left Gauche	300	4	0,735	

## CERNIERA AMBIDESTRA CON PERNO SFILABILE A SFERE IN ACCIAIO CEMENTATO E DISTANZIALE IN GOMMA

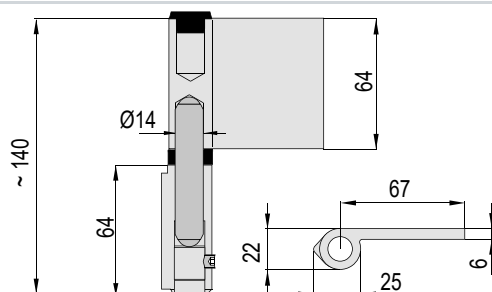


Ambidextrous hinge, with removable pin on balls in cemented steel and rubber spacer

Charnière réglable ambidextre, avec pivot à enlever spheres en acier cimenté, espaceur en caoutchouc

COD.	KG		KG	€/pz
1150RSS	150	10	0,555	

## CERNIERA AMBIDESTRA CON PERNO SFILABILE A SFERE IN ACCIAIO CEMENTATO E DISTANZIALE IN GOMMA

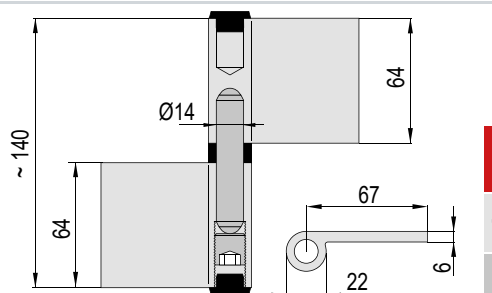


Ambidextrous hinge, with removable pin on balls in cemented steel and rubber spacer

Charnière réglable ambidextre, avec pivot à enlever spheres en acier cimenté, espaceur en caoutchouc

COD.	KG		KG	€/pz
1150RSS/AG	150	4	0,630	

## CERNIERA CON PERNO SFILABILE A SFERE IN ACCIAIO CEMENTATO E DISTANZIALE IN GOMMA

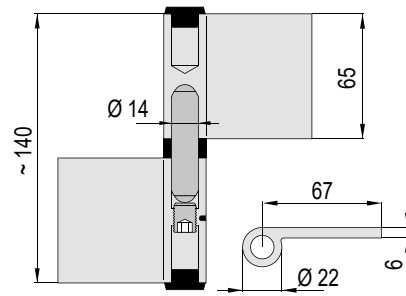


Hinge, with removable pin on balls in cemented steel and rubber spacer

Charnière, avec pivot à enlever à sphères en acier cimenté, espaceur en caoutchouc

COD.	Versione Version	KG		KG	€/pz
1150RSS/AD	Destra Right Droit	300	4	0,690	
1150RSS/AS	Sinistra Left Gauche	300	4	0,690	

CERNIERA AMBIDESTRA, PERNO A SFERE IN ACCIAIO CEMENTATO E DISTANZIALE IN GOMMA

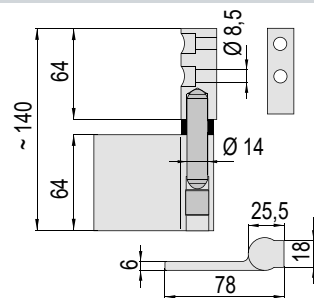


🇬🇧 Ambidextrous hinge, with removable pin on balls in cemented steel and rubber spacer

🇫🇷 Charnière réglable ambidextre, avec pivot à enlever sphères en acier cimenté, espaceur en caoutchouc

COD.	KG	Volume	KG	€/pz
1150RSS/A	300	4	0,680	

CERNIERA REGISTRABILE, PERNO A SFERE IN ACCIAIO CEMENTATO E DISTANZIALE IN GOMMA

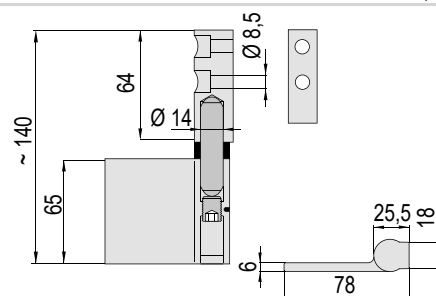


🇬🇧 Adjustable hinge, with removable pin on balls in cemented steel and rubber spacer. With plate

🇫🇷 Charnière, avec pivot à enlever à sphères en acier cimenté, espaceur en caoutchouc: Avec platine

COD.	Versione Version	KG	Volume	KG	€/pz
1150RSSP/D	Destra Right Droit	150	4	0,555	
1150RSSP/S	Sinistra Left Gauche	150	4	0,555	

CERNIERA REGISTRABILE AMBIDESTRA, PERNO A SFERE IN ACCIAIO CEMENTATO E DISTANZIALE IN GOMMA



🇬🇧 Adjustable ambidextrous hinge, with removable pin on balls in cemented steel and rubber spacer. With plate

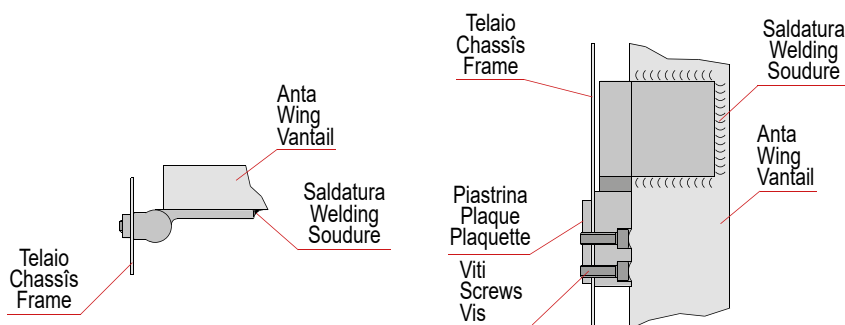
🇫🇷 Charnière réglable ambidextre, avec pivot à enlever sphères en acier cimenté, espaceur en caoutchouc. Avec platine

COD.	KG	Volume	KG	€/pz
1150RSSP	150	4	0,555	

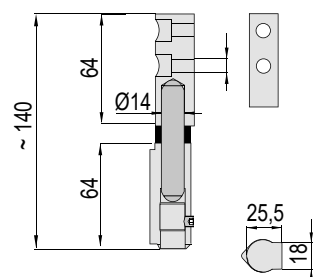
🇫🇷 Esempio di applicazione delle cerniere della serie 1150RSSP

🇬🇧 Application example of hinges 1150RSSP serie

🇫🇷 Exemple d'application des charnières 1150RSSP série



CERNIERA REGISTRABILE AMBIDESTRA, PERNO A SFERE IN ACCIAIO CEMENTATO E DISTANZIALE IN GOMMA



🇬🇧 Adjustable ambidextrous hinge, with removable pin on balls in cemented steel and rubber spacer. With plate

🇫🇷 Charnière réglable ambidextre, avec pivot à enlever sphères en acier cimenté, espaceur en caoutchouc. Avec platine

COD.	KG	Volume	KG	€/pz
1150RSSP/G	130	8	0,610	

TAPPI PER CERNIERE IN ABS

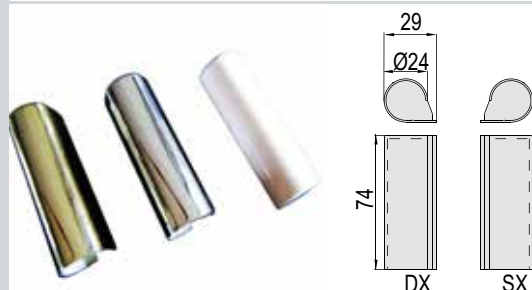


Cap for hinges in ABS

Bouchon pour charnière en ABS

COD.	Versione Version Version			€/pz
CAP-N	Nero Black Noir	25	0,005	
CAP-B	Bianco White Blanc	25	0,005	
CAP-M	Marrone Brown Marron	25	0,005	
CAPCRA	Nickel lucido Nickel Nickel	25	0,005	
CAPCRO	Oro Gold Or	25	0,005	
CAPCRAS	Nickel satinato Satin nickel Nickel satiné	25	0,005	

TAPPI PER CERNIERE IN ABS

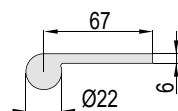


Cap for hinges in ABS

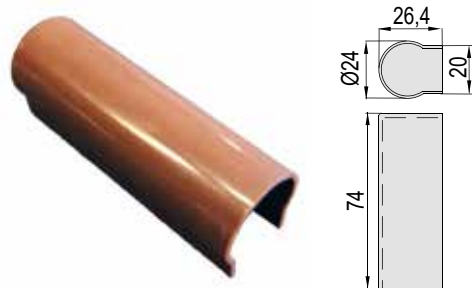
Bouchon pour charnière en ABS

COD.	Versione Version Version			€/pz
CAP/ADN	Nero Black Noir	25	0,005	
CAP/ASN		25	0,005	
CAP/ADB	Bianco White Blanc	25	0,005	
CAP/ASB		25	0,005	
CAP/ADM	Marrone Brown Marron	25	0,005	
CAP/ASM		25	0,005	
CAP/AD/CRAL	Cromo lucido Polished chrome Chrome poli	25	0,005	
CAP/AS/CRAL		25	0,005	
CAP/AD/CRO	Oro Gold Or	25	0,005	
CAP/AS/CRO		25	0,005	
CAP/AD/CRAS	Cromo satinato Satin chrome Chrome satiné	25	0,005	
CAP/AS/CRAS		25	0,005	

Adatto per profili:  
Suitable for profiles:  
Indiqué pour profils:



TAPPI PER CERNIERE IN ABS

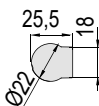


Cap for hinges in ABS

Bouchons pour charnière en ABS

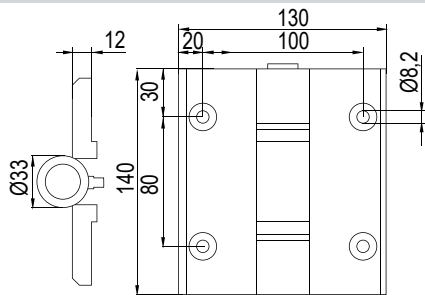
COD.	Versione Version Version			€/pz
CAP/FN	Nero Black Noir	25	0,005	
CAP/FB	Bianco White Blanc	25	0,005	
CAP/FM	Marrone Brown Marron	25	0,005	
CAP/F/CRAL	Cromo lucido Polished chrome Chrome poli	25	0,005	
CAP/F/CRO	Oro Gold Or	25	0,005	
CAP/F/CRAS	Cromo satinato Satin chrome Chrome satiné	25	0,005	

Adatto per profili:  
Suitable for profiles:  
Indiqué pour profils:



CERNIERONA IN ACCIAIO ZINCATO PER PORTONI A LIBRO

NUOVO PRODOTTO  
NEW PRODUCT



Zinked hinge for folding doors  
 Charnière en acier zingué pour portes pliantes

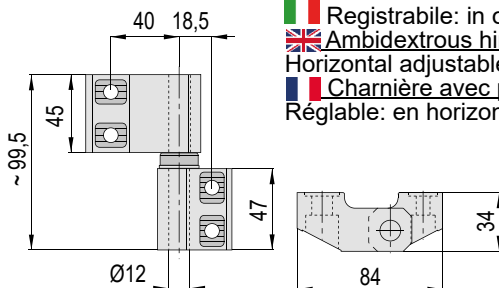
COD.	KG	KG	KG	€/pz
1130/140Z	200	4	2,00	

**IMPORTANTE:** per le cerniere registrabili si eseguono particolari torniti su disegno del cliente

**IMPORTANT:** for adjustable hinges we can realize turned parts according to customer's drawing

**IMPORTANT:** pour le charnières réglables on peut réaliser des pièces tournés sur dessin du client

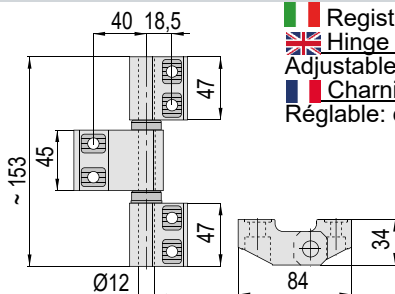
CERNIERA AMBIDESTA A PROFILO SPECIALE SU CUSCINETTI CEMENTATI ZINCATI



Registrabile: in orizzontale ÷ 2 mm-in verticale ÷ 2mm  
 Ambidextrous hinge with special profile and cemented zinked bearings.  
 Horizontal adjustable ÷ 2 mm - in vertical ÷ 2mm  
 Charnière avec profil spécial ambidestre, sur coussinets cimentés zingué.  
 Réglable: en horizontal ÷ 2 mm-en vertical ÷ 2mm

COD.	KG	KG	KG	€/pz
2100/RR	40	2	0,700	

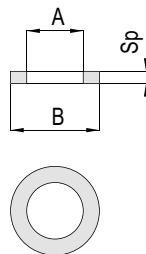
CERNIERA AMBIDESTA A PROFILO SPECIALE SU CUSCINETTI CEMENTATI ZINCATI



Registrabile: in orizzontale ÷ 2 mm-in verticale ÷ 2mm  
 Hinge with special profile ambidextrous, cemented zinked bearings.  
 Adjustable: in horizontal ÷ 2 mm-in vertical ÷ 2mm  
 Charnière avec profil spécial ambidestre, sur coussinets cimentés zingué.  
 Réglable: en horizontal ÷ 2 mm-en vertical ÷ 2mm

COD.	KG	KG	KG	€/pz
3150/RR	75	2	0,970	

RONDELLE IN OTTONE



Brass washer  
 Rondelles en laiton

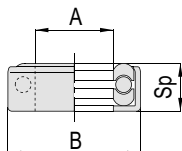
COD.	A	B	Sp	KG	KG	€/pz
RO40/60	6,1	10	1,5	500	0,006	
RO80	7,1	12	1,5	500	0,009	
RO100	8,1	13	1,5	500	0,0010	
RO120/140	10,1	15	1,5	500	0,0012	
RO1100	14,1	22	2,5	500	0,0048	
RO1150	14,2	22	6	500	0,0113	
RO1500	20,1	29	3	250	0,0087	



CUSCINETTI REGGISPINTA STAMPATI IN ACCIAIO CEMENTATO ZINCATO BIANCO

Thrust stamped bearing, in white cemented zinked steel

Coussinets imprimée, en acier cimenté zingue

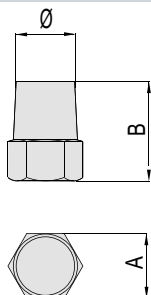


COD.	A	B	Sp			€/pz
1600/10	10	18,5	6	100	0,005	
1600/11	11	19	6,5	100	0,008	
1600/12	12	20	6,5	100	0,008	
1600/13	13	21	6,7	100	0,008	
1600/14	14	22	6,7	100	0,008	
1600/16	16	27	6,5	100	0,012	
1600/20	20	29	6,5	100	0,012	

COPRITAPPO PER CERNIERA IN ACCIAIO

Cover cap for steel hinge

Bouchon pour charnière en acier



COD.	A	B	Ø			€/pz
TC10	11	22,5	9,8-10,9	300	0,017	
TC12	13	22,5	11,8-12,9	300	0,23	
TC14	15	23	13,5-14,8	300	0,030	

PIOLO DI SICUREZZA IN ACCIAIO ZINCATO PER PORTE CORAZZATE

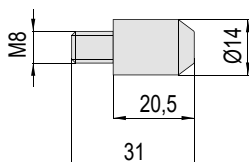
Eseguibili anche su disegno del cliente

Safety peg in zinked steel, for security doors.

Can be also customized according to customer's drawing

Piquet de sécurité en acier zingué pour portes blindées.

Également réalisable selon la conception du client



COD.			€/pz
P8	100	0,025	

PIOLO DI SICUREZZA IN ACCIAIO ZINCATO PER PORTE CORAZZATE

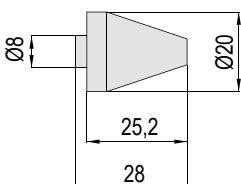
Eseguibili anche su disegno del cliente

Safety peg in zinked steel, for security doors.

Can be also customized according to customer's drawing

Piquet de sécurité en acier zingué pour portes blindées.

Également réalisable selon la conception du client



COD.			€/pz
P9	100	0,040	

PIOLO DI SICUREZZA IN ACCIAIO ZINCATO PER PORTE CORAZZATE

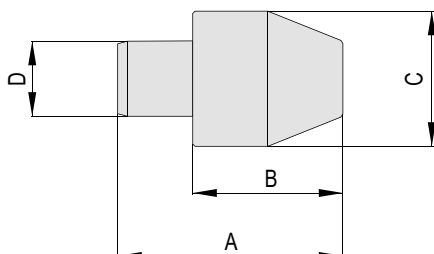
Eseguibili anche su disegno del cliente

Safety peg in zinked steel, for security doors.

Can be also customized according to customer's drawing

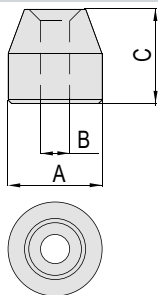
Piquet de sécurité en acier zingué pour portes blindées.

Également réalisable selon la conception du client



COD.	A	B	C	D			€/pz
P10	30	20	Ø18	Ø10	100	0,040	
P11	30	20	Ø18	M8	100	0,040	

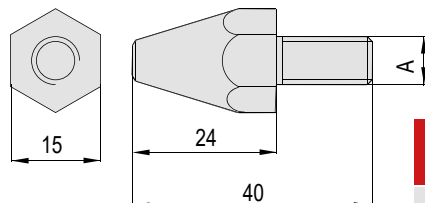
**PIOLO DI SICUREZZA IN ACCIAIO ZINCATO PER PORTE CORAZZATE**



█ █ Eseguibili anche su disegno del cliente  
█ █ Safety peg in zinked steel, for security doors.  
 Can be also customized according to customer's drawing  
█ █ Piquet de sécurité en acier zingué pour portes blindées.  
 Également réalisable selon la conception du client

COD.	A	B	C			€/pz
P16	ø16	ø6,2	20	300	0,020	
P20	ø20	ø6,2	20	300	0,033	

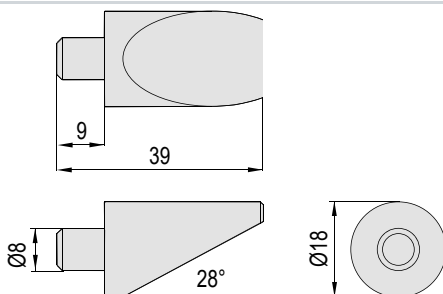
**PIOLO DI SICUREZZA IN ACCIAIO ZINCATO AD AVVITARE**



█ █ Eseguibili anche su disegno del cliente  
█ █ Safety peg in zinked steel, for security doors to screwing.  
 Can be also customized according to customer's drawing  
█ █ Piquet de sécurité en acier zingué pour portes blindées.  
 Également réalisable selon la conception du client

COD.	A			€/pz
PCH15	M8	300	0,029	
PCH15/10	M10	300	0,33	

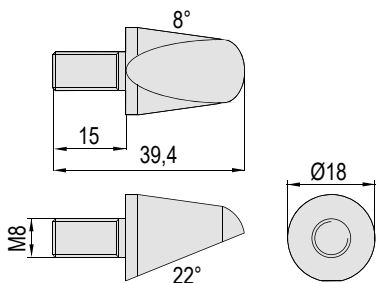
**PIOLO DI SICUREZZA FRESATO IN ACCIAIO ZINCATO A SALDARE**



█ █ Eseguibili anche su disegno del cliente  
█ █ Safety peg milled in zinked steel, to be welded.  
 Can be also customized according to customer's drawing  
█ █ Piquet de sécurité fraisée en acier zingué a souder.  
 Également réalisable selon la conception du client

COD.			€/pz
P18/S	100	0,042	

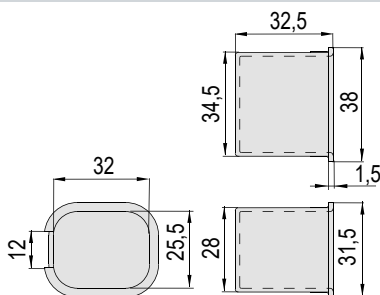
**PIOLO DI SICUREZZA FRESATO IN ACCIAIO ZINCATO AD AVVITARE**



█ █ Eseguibili anche su disegno del cliente  
█ █ Safety peg milled in zinked steel, for screwing.  
 Can be also customized according to customer's drawing  
█ █ Piquet de sécurité fraisée en acier zingué à visser.  
 Également réalisable selon la conception du client

COD.			€/pz
P18S/8	100	0,033	

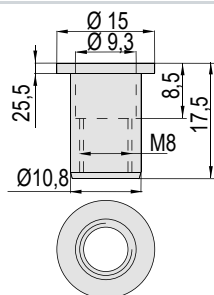
**TAPPI PER ALLOGGIAMENTO ROSTRO IN ABS**



█ █ Cap for safety peg in ABS  
█ █ Bouchons pour logement rostre en ABS

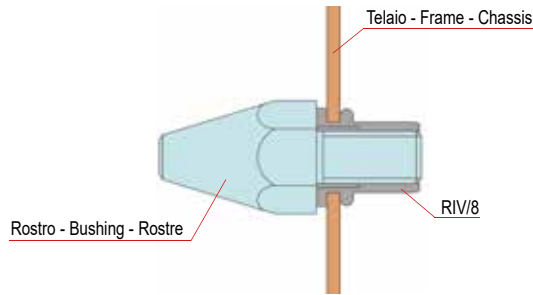
COD.	Versione Version Version			€/pz
CAP/PCH/N	Nero Black Noir	100	0,005	
CAP/PCH/B	Bianco White Blanc	100	0,005	

**RIVETTO PER ROSTRI IN ACCIAIO ZINCATO**



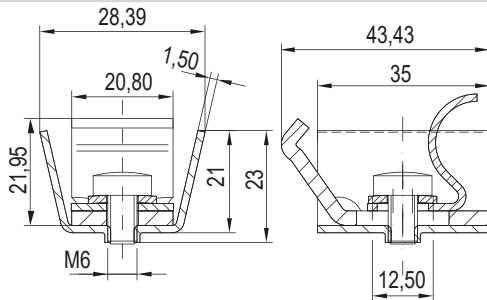
█ █ Adatto per rostri con filetto M8  
█ █ Rivet in zinked steel.  
 Ideal for peg with thread M8  
█ █ Rivet en acier zingué.  
 Indiqué pour rostres avec filet M8

COD.			€/pz
RIV/8	100	0,006	



SCROCCO VULCANIZZATO A SALDARE REGOLABILE PER SERRATURE

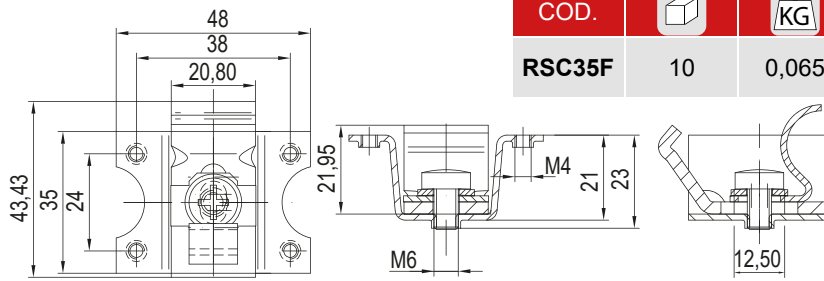
NUOVO PRODOTTO  
NEW PRODUCT  
NOUVEAU PRODUIT



COD.			€/pz	NOTE
RSC35	10	0,061		A SALDARE WELDING A SOUDER

SCROCCO VULCANIZZATO AD AVVITARE REGOLABILE PER SERRATURE

NUOVO PRODOTTO  
NEW PRODUCT  
NOUVEAU PRODUIT



COD.			€/pz	NOTE
RSC35F	10	0,065		AD AVVITARE SCREWING A VISSEUR



- Riscontro per scrocco, registrabile per porte blindate
- Realizzato in acciaio zincato
- Regolazione da 22mm a 34mm
- Piastra di riscontro con rivestimento in gomma vulcanizzata per attutire il rumore in fase di chiusura della porta
- Piastrina di sicurezza sagomata anti-intrusione con scheda



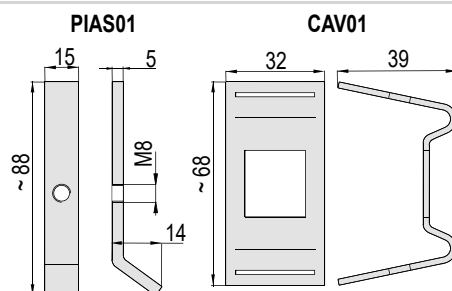
- Adjustable latch striker for security doors
- Made in galvanized steel
- Adjustment from 22mm to 34mm
- Strike plate with vulcanized rubber coating to muffle the noise when closing the door
- Shaped security plate to prevent intrusion with cards



- Gâche pour loquet, réglable pour portes blindées
- En acier galvanisé
- Réglage de 22mm à 34mm
- Gâche avec revêtement en caoutchouc vulcanisé pour étouffer le bruit lors de la fermeture de la porte
- Plaque de sécurité anti-intrusion avec carte

STAFFA DI SUPPORTO IN ACCIAIO ZINCATO

AD ESAURIMENTO  
FOR SALE  
A LEFUSEMENT



Support plate in zinked steel

Platine de support en acier zingué

COD.			€/pz
CAV01	50	0,050	
PIAS01	50	0,050	

🇮🇹 Accessori per porte blindate

🇬🇧 Accessories for security doors

🇫🇷 Accessoires pour portes blindées





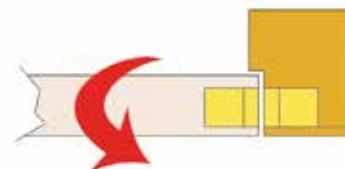
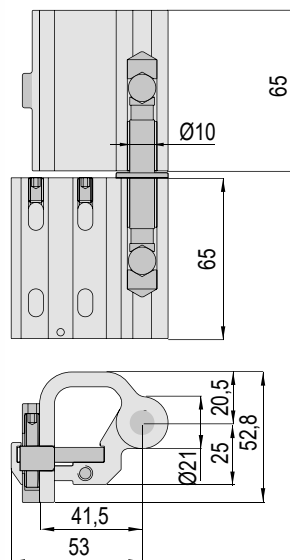
# CERNIERE REGISTRABILI A SCOMPARSA

■ ■ CERNIERE REGISTRABILI A SCOMPARSA PER PORTE BLINDATE

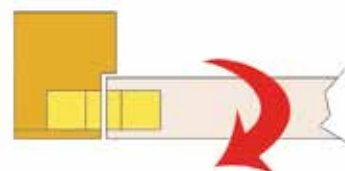
■ ■ ADJUSTABLE CONCEALED HINGES FOR SECURITY DOORS

■ ■ CHARNIÈRES CACHÉES RÉGLABLES POUR PORTES DE SÉCURITÉ

## CERNIERA IN ALLUMINIO REGISTRABILE A SCOMPARSA



Apertura destra  
Opening to the right  
Ouverture droite



Apertura sinistra  
Opening to the left  
Ouverture gauche

■ ■ Cerniera registrabile a scomparsa per porte blindate. Corpi cerniera in alluminio (lega ENAW 6005), perno in acciaio, girevole su sfere in acciaio cementato. Piastre di fissaggio in acciaio.

■ ■ Adjustable concealed hinge for security doors. Hinge body in aluminum (alloy ENAW 6005), steel swivel pin on cemented steel balls. Fixing plates in steel.

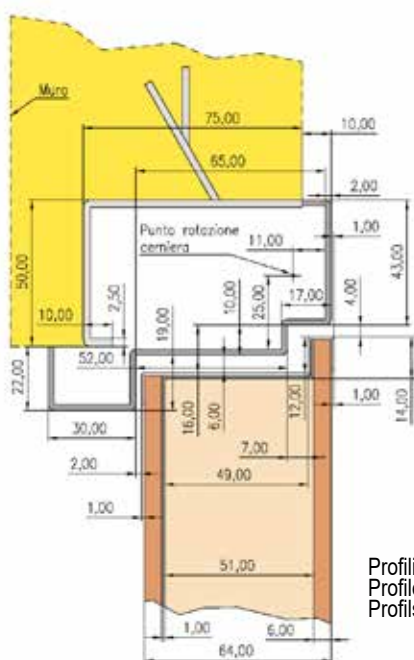
■ ■ Charnière caché réglable pour portes de sécurité. Corps charnière en aluminium (alliage ENAW 6005), pivot en acier, pivotant sur sphères en acier cimenté. Plaques de fixation en acier.

■ ■ Esempio di applicazione della cerniera 1150SRF/D-S

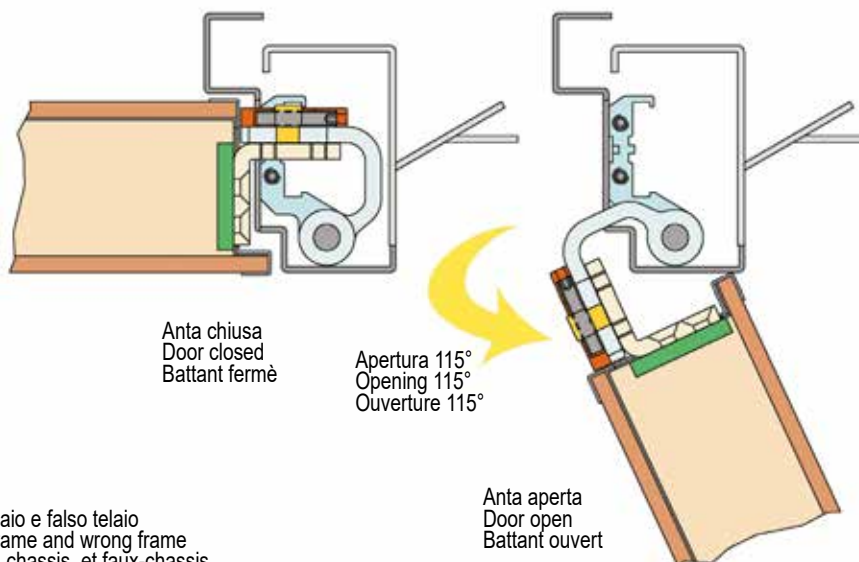
■ ■ For 1150SRF/D-S hinge application example

■ ■ Exemple d'application de la charnière 1150SRF/D-S

COD.	KG	KG	KG	€/pz
1150SRF/D	75	4	0,994	
1150SRF/S	75	4	0,994	



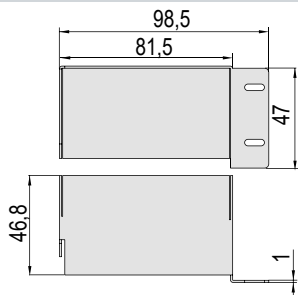
Profili anta, telaio e falso telaio  
Profile wing, frame and wrong frame  
Profils battant, chassis, et faux-chassis





TAPPO PER CERNIERE A SCOMPARSA IN LAMIERA ZINCATA

AD ESAURIMENTO  
O FINISCA  
L'INVENTARIO



COD.	Cerniera Hinge Charnières			€/pz
TAPSRF/D	1150SRF/D	20	0,078	
TAPSRF/S	1150SRF/S	20	0,078	

Tappe copriforo, in lamiera zincata, per alloggiamento cerniera lato montante. Da applicare sulle cerniere della serie 1150SRF

Cover plug, in zinked steel, for hinge housing on the upright side. For hinges 1150SRF series

Bouchon couvre-trou, en acier zingué, pour le logement de la charnière, montant latéral. Applicable sur charnières série 1150SRF

Esempi di applicazione

Application examples

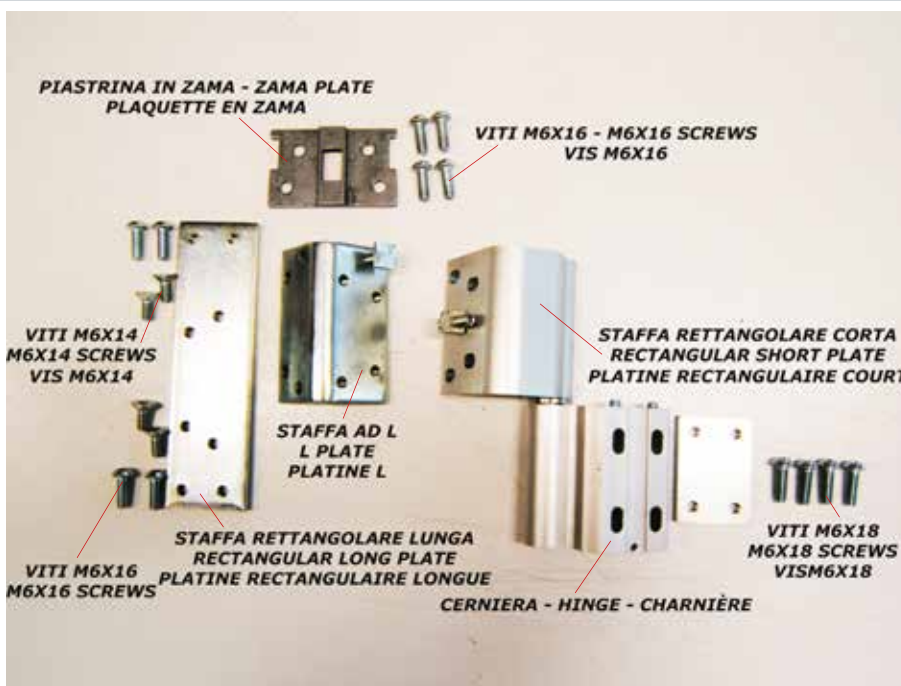
Exemple d'application



La cerniera a scomparsa risulta essere completamente invisibile a porta chiusa, ed è adatta per realizzazioni "a filo". Apertura massima 115°. La cerniera prevede l'impiego di profili di anta, telaio e falso telaio di dimensioni definite (vedere box a pag.58). Sulla cerniera sono presenti due registrazioni: registrazione in verticale ed in orizzontale della distanza fra anta e telaio, mediante grani. La terza regolazione, orizzontale, di profondità, si può ottenere realizzando delle asole sul profilo anta. La cerniera può essere montata a banco, il corpo superiore sull'anta e quello inferiore sul telaio. L'assemblaggio finale può avvenire al momento dell'installazione della posa in opera della porta.

Concealed hinge is invisible when door is closed and it is suitable for flush doors. Max opening angle 115°. This hinge requires wings, frame and false frame of defined dimensions (see on page 58). It allows two adjustments: distance between wing and frame can be adjusted vertically and horizontally with grub screw. Another depth setting can be obtained by machining slots on wing profile. Hinge can be mounted on bench, upper body on wing and lower body on frame. Final assembly can be made during door laying.

La charnière cachée est complètement invisible quand la porte est fermée et indiquée pour réalisations "à fil". Ouverture maximale 115°. La charnière prévoit l'emploi de profils de battant, châssis, et faux-châssis avec dimension définitives (voir box à la page 55). Sur la charnière sont présents deux réglages: réglage en vertical et en horizontal de la distance entre porte et châssis, par grains. On peut obtenir le troisième réglage, horizontal, de profondeur, en réalisant des boutonnières sur le profil de la porte. La charnière peut être montée sur banc, le corps supérieur sur la porte et l'inférieur sur le châssis. L'assemblage final peut être effectué au moment de l'installation de la pose en place de la porte.





# ACCESSORI PER INFERRIATE DI SICUREZZA

■ CERNIERE, SERRATURE E ACCESSORI

■ HINGES, LOCKS AND ACCESSORIES

■ CHARNIÈRES, SERRURES ET ACCESSOIRES





# CERNIERE

PER INFERRIATE DI SICUREZZA A BATTENTE

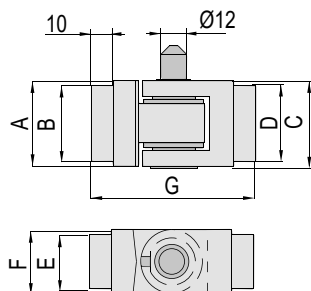
FOR SWING SECURITY GRILLES

POUR GRILLES DE SÉCURITÉ À BATTANT

## CERNIERA AMBIDESTRA ANTA-ANTA CON PERNO RETRAIBILE IN INOX

Hinge ambidextrous wing-wing with retractable pin in stainless steel

Charnière ambidestre battant-battant avec pivot rétractable en acier inox

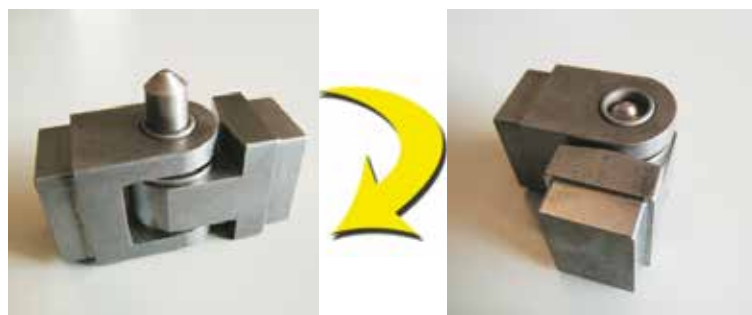


COD.	A	B	C	D	E	F	G	KG	KG	KG	€/pz
ARTU	40	35,5	40	35,5	25,5	30	77	100	4	0,638	
ARTU/40	40	35,5	40	35,5	35,5	40	87	100	4	0,800	

Cerniera con rotazione a 180° e perno a scomparsa. Quando le due ali sono in linea il perno rimane sollevato (situazione di anta chiusa). Quando le due ali sono a 90° il perno scompare all'interno della cerniera permettendo lo sblocco delle ante in modo automatico. La rotazione a 180° permette di aprire le ante sia all'interno che all'esterno del vano.

Hinge with rotation at 180° and passing pin. When the two wings are straight, the pin remains raised (situation of closed door). When the two wings are at 90° the pin disappears inside of the hinge allowing the release of the doors in way automatic rifle. A rotation at 180° allows to open the wings inside and/or outside.

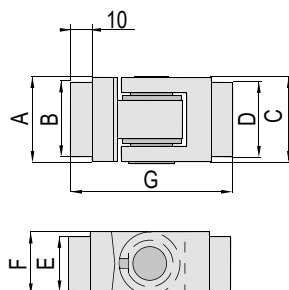
Charnière avec rotation à 180° et pivot escamotable. Quand les deux battants sont en ligne, la goupille reste soulevé (situation de porte fermé). Quand les deux portes sont à 90° la charnière ou disparaît à l'intérieur de la charnière permettant le dégagement des portes d'une manière automatique. La rotation à 180° permet aux battants de s'ouvrir soit à l'intérieur que à l'extérieur de l'aspace.



## CERNIERA AMBIDESTRA ANTA-ANTA CON PERNO IN INOX

Hinge ambidextrous wing-wing with pin in stainless steel

Charnière ambidestre battant-battant avec pivot rétractable en acier inox

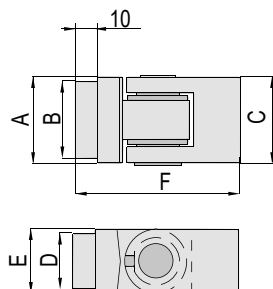


COD.	A	B	C	D	E	F	G	KG	KG	KG	€/pz
MERLINO	40	35,5	40	35,5	25,5	30	77	100	4	0,593	
MERLINO/40	40	35,5	40	35,5	35,5	40	87	100	4	0,791	
MERLINO/3020	20	15,5	20	15,5	25,5	30	77	100	6	0,280	

## CERNIERA AMBIDESTRA TELAIO-ANTA CON PERNO IN INOX

Hinge ambidextrous frame-wing with pin in stainless steel

Charnière ambidestre chassis-battant avec pivot en acier inox

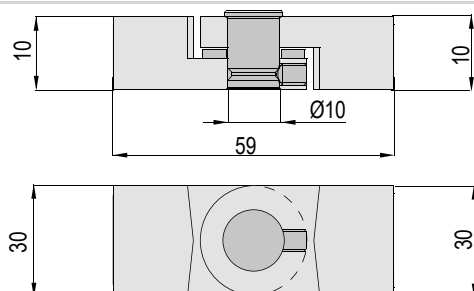


COD.	A	B	C	D	E	F	G	KG	KG	KG	€/pz
GINEVRA	40	35,5	40	35,5	25,5	30	77	100	4	0,614	
GINEVRA/40	40	35,5	40	35,5	35,5	40	87	100	4	0,818	
GINEVRA/3020	20	15,5	20	25,5	25,5	30	77	100	6	0,302	

## CERNIERA AMBIDESTRA ANTA-ANTA IN ACCIAIO CON PERNO IN ACCIAIO ZINCATO

Hinge ambidextrous wing-wing in steel. Pin in zinked steel

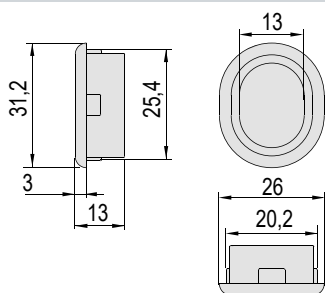
Charnière ambidestre battant-battant avec pivot en acier inox



COD.	KG	KG	KG	€/pz
MERLINO./3010	50	30	0,129	



## RISCONTRO IN PLASTICA, AD INCASSO, PER CERNIERA ARTU



■ ■ Per puntale diametro 12mm ad incasso (consigliato per cernier ARTU)  
■ ■ Plastic striker plate.  
 For built in terminal pillar diameter 12mm, (suitable for hinge ARTU)  
■ ■ Douille en plastique.  
 Pour embout diamètre 12mm, à encaissement (conseillé pour charnière ARTU)

COD.			€/pz
BOC/ARTU/N	100	0,003	



### ARTU

- ■ Cerniera con perno
- ■ Hinge with pin
- ■ Charnière avec goupille

### MERLINO

- ■ Cerniera anta - anta
- ■ Hinge wing - wing
- ■ Charnière battant - battant

### GINEVRA

- ■ Cerniera anta - telaio
- ■ Hinge wing - frame
- ■ Charnière battant - chassis



- ■ Apertura esterna
- ■ External opening
- ■ Ouverture externe

- ■ Apertura interna
- ■ Internal opening
- ■ Ouverture intérieure



■ ■ Realizzata in materiale saldabile con i più comuni sistemi (filo continuo-elettrodo). Estremità ribassate per agevolare l'alloggiamento all'interno dello scatolato dell'inferriata garantendo un notevole abbattimento dei tempi di lavorazione (disponibile per scatolato di sezione 40x30 e 40x40, spessore 1,5-2mm, innesto 10mm). Essendo ambidestra si riducono i problemi di montaggio ed immagazzinamento. Perno centrale estraibile per permettere la verniciatura, la saldatura e la manutenzione anche ad inferriata installata.

■ ■ Realized in weldable material with the most common systems (continuous wire electrode). Lowered ends in order to facilitate the lodging inside of the box-shielded of the rail-guard guaranteeing a reduction of working time (available for box-shield ed of section 40x30 and 40x40, 1,5 - 2 thickness mm, coupling 10 mm). Being ambidextrous, the problems of assembly and storing are reduced. Central pin extractable in order to allow the painting, the welding and the maintenance also when the fence is installed.

■ ■ Réalisé en matériel soudable avec les systèmes les plus communs (électrode continue de fil). Extrémités abaissées afin de faciliter le logement à l'intérieur du boîte-protégé du rail en garantissant un remarquable abattage des temps de travail (disponible pour boîte-protégé de section 40x30 et 40x40, d'épaisseur de 1,5 - 2 mms, embrayage 10 mm). Les problèmes del'assemblage et de stockage sont réduits car les charnières sont ambidestres.

Goupille au centre extractible afin de permettre le travail de peinture, la soudure et l'entretien également à grille installé.



■ ■ Le cerniere sono dotate di tappi per la verniciatura. La cerniera ARTU è dotata di boccole autocentranti in acciaio da saldare nel telaio  
■ ■ Hinges are equipped with caps for painting. ARTU hinge is equipped with self-centering bushing in steel to be welded in the frame  
■ ■ Les charnières sont équipées de bouches pour la peinture. La charnière ARTU est équipée de boucles autocentrantes en acier à souder dans le châssis

■ ■ Per le cerniere MERLINO e GINEVRA è disponibile la versione per scatolato 30x20, spessore 1,5-2mm da impiegare nel traverso centrale

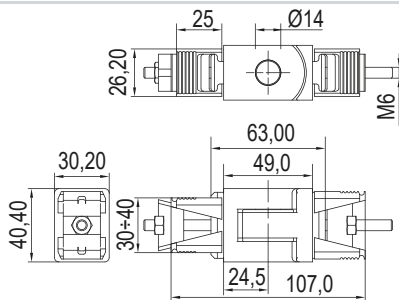
■ ■ For hinges MERLINO and GINEVRA it is available the boxed version 30x20, thickness 1,5-2mm to use in the central beam

■ ■ Pour les charnières MERLINO et GINEVRA il est disponible la version pour boîte de 30x20, épaisseur 1,5-2mm à utiliser dans la traverse centrale



## CERNIERA AMBIDESTRA ANTA-ANTA CON ATTACCO RAPIDO

NUOVO PRODOTTO  
NEUVEAU PRODUIT



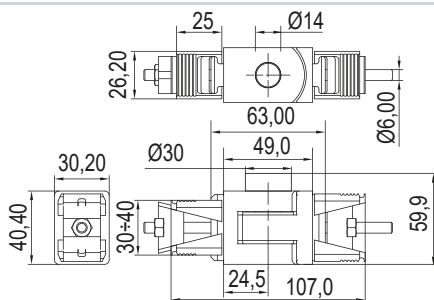
Hinge ambidextrous wing-wing with quick coupling

Charnière ambidestre battant-battant avec fixation rapide

COD.				€/pz
<b>RAPID BLOCK</b>	50	5	0,550	

## CERNIERA AMBIDESTRA ANTA-ANTA CON ATTACCO RAPIDO E RISCONTRO

NUOVO PRODOTTO  
NEUVEAU PRODUIT



Hinge ambidextrous swing-swing with quick coupling and bushing

Charnière ambidestre battant-battant avec fixation rapide et douille

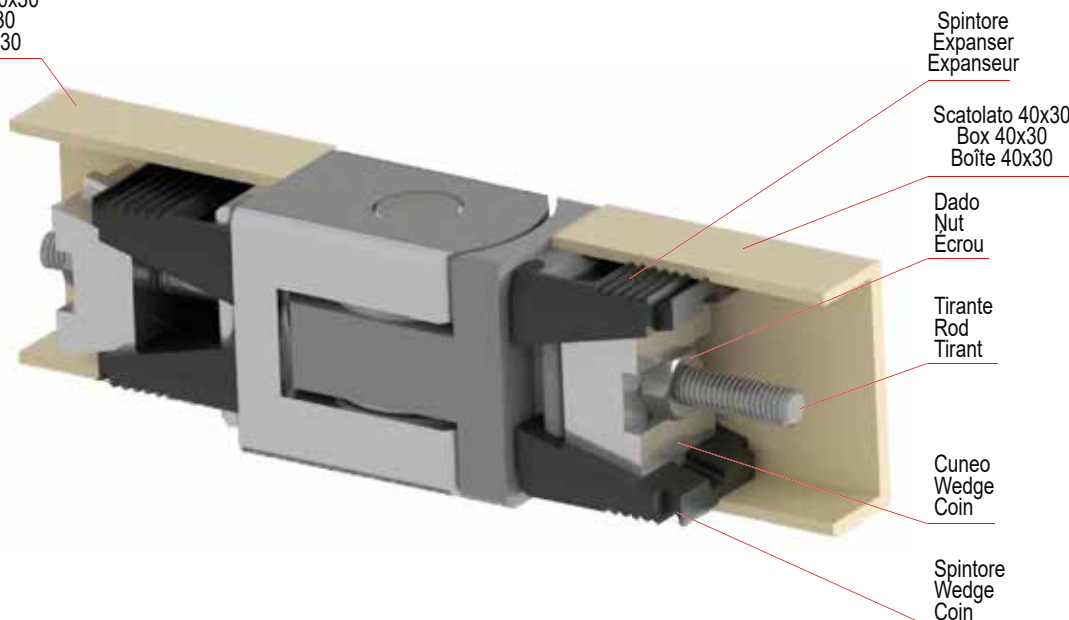
COD.				€/pz
<b>RAPID BLOCK/R</b>	50	4	0,610	

Montaggio cerniera

Hinge assembly

Assemblage de la charnière

Scatolato 40x30  
Box 40x30  
Boîte 40x30



La cerniera RAPID BLOCK realizzata in zama con perno centrale in acciaio INOX consente un assemblaggio rapido all'interno del telaio dell'anta senza ricorrere a saldature o avvitature.

L'innovativo sistema di fissaggio consente di bloccare gli spintori contro le pareti interne dello scatolato semplicemente avvitando il tirante nascosto all'interno del corpo della cerniera rendendola un tutt'uno con il telaio.

Lo stesso sistema permette lo sgancio rapido della cerniera per eventuali operazioni di manutenzione.

Il fissaggio resiste alle vibrazioni indotte dal normale utilizzo dell'inferriata.

La cerniera RAPID BLOCK è adatta agli scatolati di sezione 40x30 con spessore parete di 1,5/2mm.

Estremamente facile da montare. Non è necessario ricorrere a saldature e alle successive molature.

Essendo ambidestra si riducono i problemi di montaggio ed immagazzinamento. Perno centrale estraibile per permettere la verniciatura e la manutenzione anche ad inferriata installata.

The RAPID BLOCK hinge made of zama with a central stainless steel pin allows quick assembly inside the door frame without resorting to welding or screwing.

The innovative fastening system allows you to lock the pushers against the internal walls of the box simply by screwing the tie rod hidden inside the body of the hinge, making it one with the frame.

The same system allows the quick release of the hinge for any maintenance operations.

The fixing resists the vibrations induced by the normal use of the railing.

The RAPID BLOCK hinge is suitable for 40x30 section boxes with a wall thickness of 1.5 / 2mm.

Extremely easy to assemble. It is not necessary to resort to welding and subsequent grinding.

Being ambidextrous, assembly and storage problems are reduced. Removable central pin to allow painting and maintenance even with the railing installed.

La cerniera RAPID BLOCK en zamak avec un axe central en acier inoxydable permet un montage rapide à l'intérieur du cadre de porte sans recourir à la soudure ou au vissage.

Le système de fixation vous permet de verrouiller les poussoirs contre les parois internes de la boîte simplement en vissant le tirant caché à l'intérieur du corps de la charnière, ce qui en fait un avec le cadre.

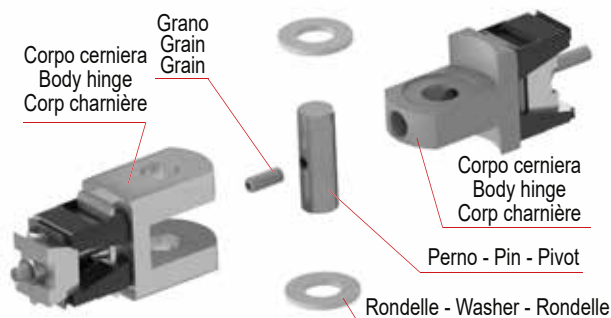
Le même système permet le dégagement rapide de la charnière pour toutes les opérations de maintenance.

La fixation résiste aux vibrations induites par l'utilisation normale du garde-corps.

La charnière RAPID BLOCK convient aux caissons de section 40x30 avec une épaisseur de paroi de 1,5 / 2 mm.

Extrêmement facile à assembler. Il n'est pas nécessaire de recourir au soudage et au meulage ultérieur.

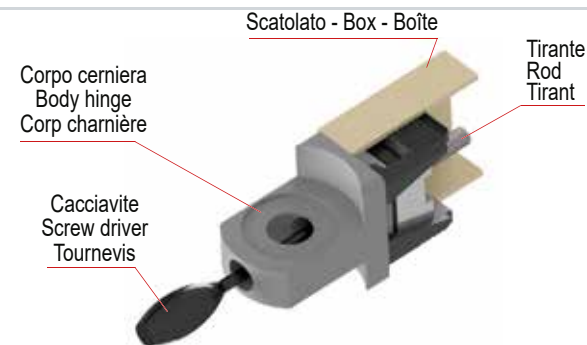
Les problèmes d'assemblage et de stockage sont réduits étant charnières ambidextres. Goupille centrale amovible pour permettre la peinture et l'entretien aussi avec la balustrade installée.



**■ ■** Smontare la serratura, svitando il grano di fissaggio del perno e sfilare il perno con le relative rondelle.  
Ora i due corpi cerniera sono separati.

**■ ■** Disassemble the lock, unscrewing the pin fixing dowel and remove pin and washers.  
Now the two hinge bodies are separated.

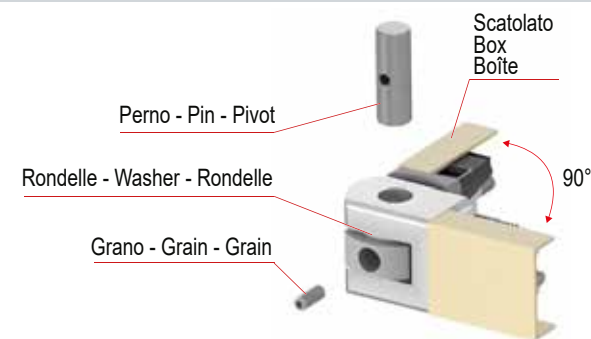
**■ ■** Démontez la serrure, dévissez la cheville de fixation de la goupille et retirez la goupille avec les rondelles correspondantes.  
Maintenant, les deux corps de la charnière sont séparés.



**■ ■** Inserire i due corpi cerniera nella scatola.  
Stringere mediante un cacciavite il tirante di fissaggio.  
Ora i due corpi principali sono fissati allo scatolato.

**■ ■** Insert the two hinge bodies in the box.  
Tighten the tie rod with a screwdriver.  
Now the two main bodies are fixed to the box.

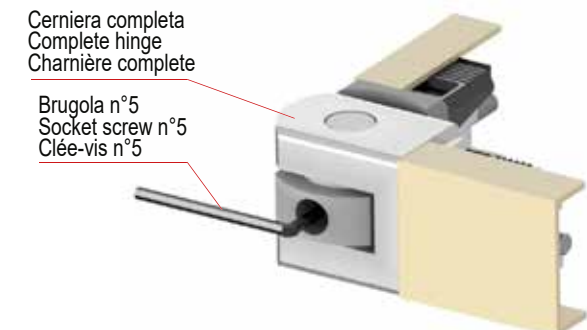
**■ ■** Insérez les deux corps de charnière dans la boîte.  
Serrez le tirant avec un tournevis.  
Maintenant, les deux corps principaux sont fixés à la boîte.



**■ ■** Aprire l'inferriata a 90° come mostrato nell'immagine e inserire il perno centrale con relative rondelle per unire i due corpi cerniera con il grano di fissaggio.

**■ ■** Open the grating at 90° as shown in the image and insert the central pin with washers to join the two hinge bodies and the fixing dowel.

**■ ■** Ouvrez la grille à 90° comme indiqué sur l'image et insérez la goupille centrale avec les rondelles relatives pour joindre les deux corps de la charnière et la cheville de fixation.



**■ ■** Ora mediante chiave a brugola n°5 stringere il grano di fissaggio.  
La cerniera ora è montata.

**■ ■** Using Allen key No. 5 tighten the fixing dowel.  
Now the hinge is mounted.

**■ ■** Heures d'utilisation de la clé Allen n° 5 serrer la cheville de fixation.  
La charnière est maintenant montée.

**■ ■** Vantaggi del prodotto

**■ ■** Product benefits

**■ ■** Avantages du produit

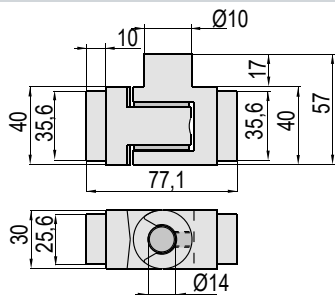
- Non si salda più, pertanto non è necessaria la presenza di un saldatore e l'utilizzo di dischetti ed elettrodi
- Riduce il tempo di realizzazione dell'inferriata
- Elimina i tagli a 45°
- Elimina eventuali imperfezioni dell'assemblaggio
- Esteticamente lineare e moderna
- Smontabile in un secondo momento
- Economica
- Unico articolo da utilizzare per ogni movimento dell'inferriata

- No longer welding therefore no needed a welding operator
- Railing construction time reduced
- No longer 45° cut needed
- No Assembly imperfections
- Aesthetically linear and modern
- Can be disassembled
- Cheap
- Single article for each movement of the railing

- Il n'est plus à souder donc la présence d'un soudeur et l'utilisation de disques et électrodes n'est pas nécessaire
- Les temps de construction de la grille de sécurité sont réduits
- Les coupures à 45° sont éliminées
- Toutes les imperfections dans l'assemblage sont éliminées
- Esthétiquement linéaire et moderne
- Amovible ultérieurement
- Économique
- C'est le seul article à utiliser pour chaque mouvement de la grille de sécurité



# CERNIERA AMBIDESTRA ANTA-ANTA CON PERNO IN INOX E RISCONTRO



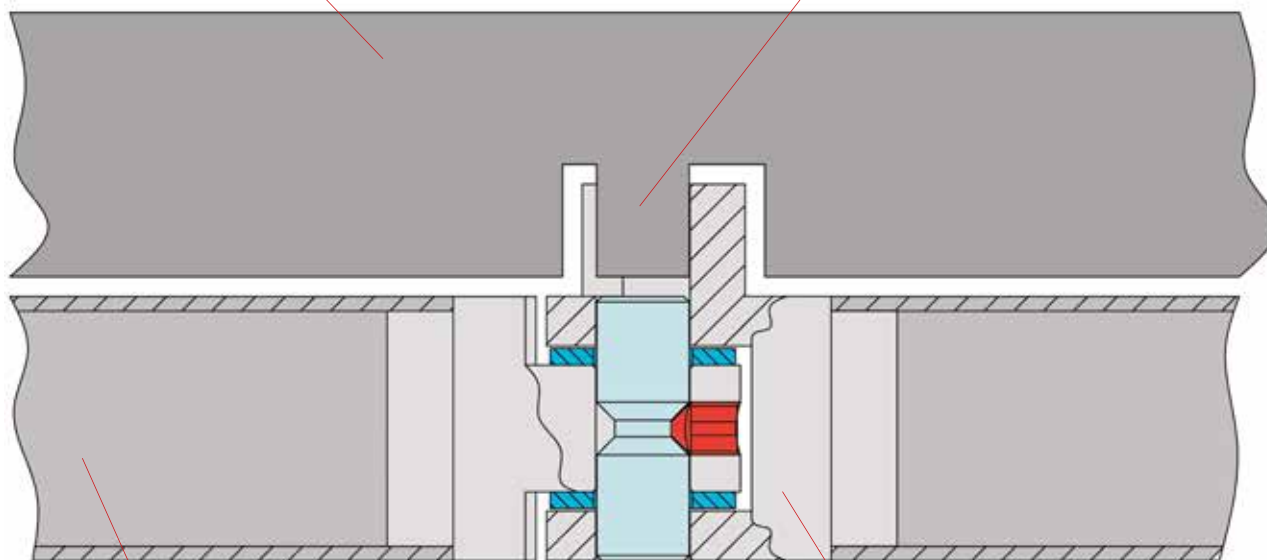
🇬🇧 Hinge ambidextrous wing-wing with pin in stainless steel and bushing

🇫🇷 Charnière ambidestre battant-battant avec pivot en acier inox et douille

COD.	KG	KG	€/pz
<b>PARSIFAL</b>	100	4	0,670

Telaio - Frame - Chassis

Perno fisso di riscontro - Fixed pivot - Pivot



Traverso inferriata - Traction fence - Traverse grille

PARSIFAL

🇫🇷 Cerniera con rotazione a 180° per inferriate, con scodelino di riscontro. Ad anta chiusa, il perno, solidale al telaio fisso dell'inferriata, rimane imprigionato all'interno della cava dello scodelino superiore, fornendo un punto di chiusura aggiuntivo. Quando le due ali sono a 90° il perno solidale con il telaio fisso si disimpegna dallo scodelino, permettendo l'apertura dell'anta. Lo scodelino può alloggiare un perno fisso di diametro 14 mm (non incluso).

La cerniera è realizzata in materiale saldabile con i più comuni sistemi (filo continuo - elettrodo). Estremità ribassata per agevolare l'alloggiamento all'interno dello scatolato dell'inferriata garantendo un notevole abbattimento dei tempi di lavorazione (disponibile per scatolato di sezione 40x30, spessore 1,5 - 2 mm). Essendo ambidestra si riducono i problemi di montaggio ed immagazzinamento. Perno centrale estraibile per permettere la verniciatura, la saldatura e la manutenzione anche ad inferriata installata.

🇬🇧 Hinge with rotation of 180° for fences, with bushing cup. When the wing is closed, the pin, integral with the fixed frame of the fence, remains locked up into the pit of the superior cup, creating an additional closed place. When the two wings are at 90° the pin integral with the fixed frame it disengaged itself from the cup, allowing the opening of the wing. The cup can lodge a fixed pin with diameter 14 mm (not included). Realized in weldable material with the most common systems (continuous thread electrode). Lowered extremity in order to facilitate the lodging inside of the box-shielded of the rail-guard guaranteeing a remarkable reduction of working time (available for box-shielded of section 40x30, 1,5 - 2 thickness mm). Being ambidextrous, problem of assembly and storing is reduced. Central pin extractable in order to allow the painting, the welding and the maintenance also when the fence installed.

🇫🇷 Charnière avec rotation à 180° pour grilles, avec cuvette. Quand le vantau est fermé, le pivot, solidaire au châssis fixé de la grille, reste emprisonné à l'intérieur de la carrière de la cuvette supérieure, fournissant un point de fermeture additionnel. Quand les deux ailes sont à 90° le pivot solidaire au châssis fixé dégage par la cuvette, permettant l'ouverture du vantau. La cuvette peut loger un pivot fixé de diamètre 14 mm (noninclus). Réalisé en matériel soudable avec les systèmes les plus communs (électrode continue de fil). Extrémité abaissées afin de faciliter le logement à l'intérieur du boîte-protégé du rail en garantissant un remarquable abattage des temps de travail (disponible pour boîte-protégé de section 40x30, d'épaisseur de 1,5 - 2 mms). Les problèmes de l'assemblage et de stockage sont réduits étant charnières ambidextrées. Goupille au centre extractible afin de permettre le travail de peinture, la soudure et l'entretien également à grille installée.

## 🇫🇷 Vantaggi del prodotto

## 🇬🇧 Product benefits

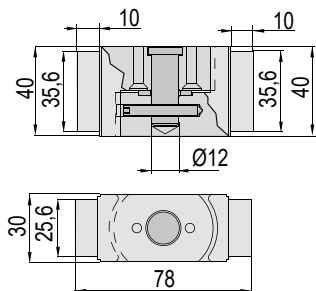
## 🇫🇷 Avantages du produit

- Corpo unico
- Inattaccabile da ogni punto di vista
- Robusta

- Single Body
- High resistant to break-in attempts
- Strong

- Corps unique
- Inattaquable à tous points de vue
- Robuste

CERNIERA AMBIDESTRA ANTA-ANTA ZINCATA CON PERNO IN ACCIAIO NITRURATO

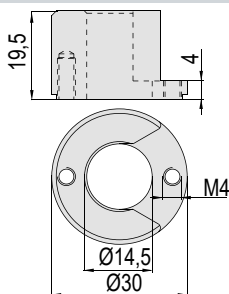


🇬🇧 Hinge ambidextrous wing-wing zinked with nitrided steel pin

🇮🇹 Charnière ambidestre battant-battant zingué avec goupille en acier nitruré

COD.	KG	KG	€/pz
TRISTANO	100	4	0,600

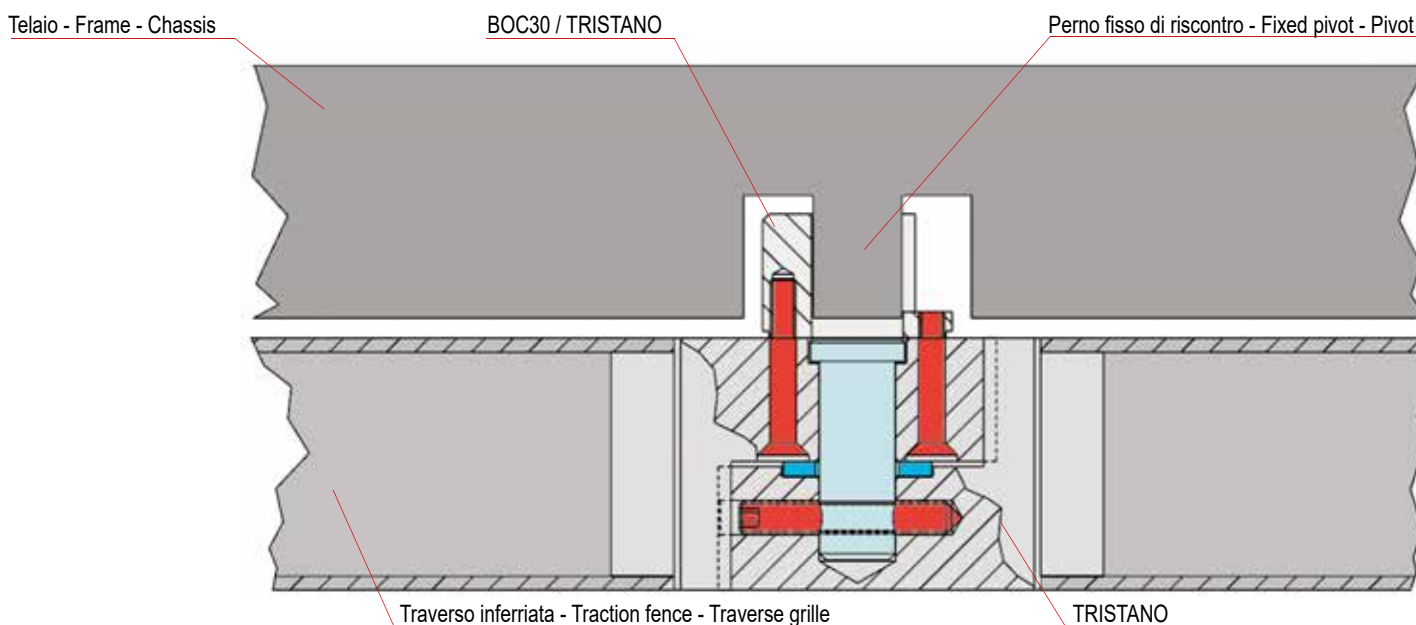
BOCCOLA DI RISCONTRO PER TRISTANO IN ACCIAIO ZINCATO



🇬🇧 Bushing cup for hinge TRISTANO in zinked steel

🇮🇹 Cuvette pour charniere TRISTANO en acier zingué

COD.	KG	€/pz
BOC30/TRISTANO	20	0,062

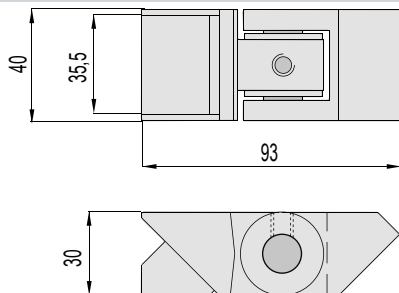


🇮🇹 Cerniera con rotazione a 180° per inferriate, con scodellino di riscontro ad avvitare. Ad anta chiusa, il perno, solidale al telaio fisso dell'inferriata, rimane imprigionato all'interno della cava dello scodellino superiore, fornendo un punto di chiusura aggiuntivo. Quando le due ali sono a 90°, il perno solidale con il telaio fisso si disimpegna dallo scodellino, permettendo l'apertura dell'anta. Lo scodellino può alloggiare un perno fisso di diametro 14 mm (non incluso). La cerniera è realizzata in materiale saldabile con i più comuni sistemi (filo continuo - elettrodo). Estremità ribassata per agevolare l'alloggiamento all'interno dello scatolato dell'inferriata garantendo un notevole abbattimento dei tempi di lavorazione (disponibile per scatolato di sezione 40x30, spessore 1,5 - 2 mm). Essendo ambidestra si riducono i problemi di montaggio ed immagazzinamento. Perno centrale estraibile per permettere la verniciatura, la saldatura e la manutenzione anche ad inferriata installata.

🇬🇧 Hinge with rotation of 180° for fences, with bushing cup to be screwed. When the wing is closed, the pin, integral with the fixed frame of the fence, remains locked up into the pit of the superior cup, creating an additional closed place. When the two wings are at 90° the pin integral with the fixed frame it disengaged itself from the cup, allowing the opening of the wing. The cup can lodge a fixed pin with diameter 14 mm (not included). Realized in weldable material with the most common systems (continuous thread electrode). Lowered extremity in order to facilitate the lodging inside of the box-shielded of the rail-guard guaranteeing a remarkable reduction of working time (available for box-shielded of section 40x30, 1,5 - 2 thickness mm). Being ambidextrous, problem of assembly and storing is reduced. Central pin extractable in order to allow the painting, the welding and the maintenance also when the fence is installed.

🇮🇹 Charnière avec rotation à 180° pour grilles, avec cuvette. Quand le vantau est fermé, le pivot, solide au châssis fixé de la grille, reste emprisonné à l'intérieur de la carrière de la cuvette supérieure, fournissant un point de fermeture additionnel. Quand les deux ailes sont à 90° le pivot solide au châssis fixé dégage par la cuvette, permettant l'ouverture du vantau. La cuvette peut loger un pivot fixé de diamètre 14 mm (non-inclus). Réalisé en matériel soudable avec les systèmes les plus communs (électrode continue de fil). Extrémité abaissées afin de faciliter le logement à l'intérieur de la boîte-protégé du rail en garantissant un remarquable abattage des temps de travail (disponible pour boîte-protégé de section 40x30, d'épaisseur de 1,5 - 2 mm). Les problèmes de l'assemblage et de stockage sont réduits étant charnières ambidextres. Goupille au centre extractible afin de permettre le travail de peinture, la soudure et l'entretien également à grille installée.

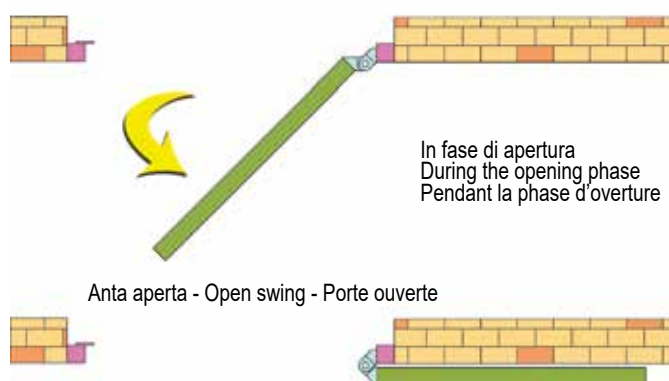
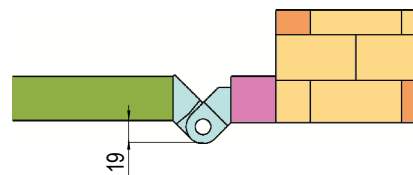
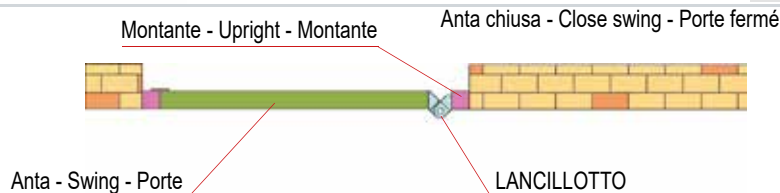
## CERNIERA AMBIDESTRA TELAIO-ANTA CON PERNO IN INOX



🇬🇧 Hinge ambidextrous frame-wing with pin in stainless steel

🇫🇷 Charnière ambidestre chassis-battant avec pivot en acier inox

COD.	KG	KG	€/pz
LANCILLOTTO	100	4	0,670



🇫🇷 Cerniera con rotazione a 180° per inferriate completamente ribaltabili. Permette di aprire le ante fino a sovrapporle alla parete ottenendo così una drastica riduzione degli ingombri ed evitando gli impedimenti dovuti alle classiche ante con apertura di soli 90°. Realizzata in materiale saldabile con i più comuni sistemi (filo continuo - elettrodo). Estremità ribassata per agevolare l'alloggiamento all'interno dello scatolato dell'inferriata garantendo un notevole abbattimento dei tempi di lavorazione (disponibile per scatolato di sezione 40x40, spessore 1,5 - 2 mm). Essendo ambidestra si riducono i problemi di montaggio ed immagazzinamento. Perno centrale estraibile per permettere la verniciatura, la saldatura e la manutenzione anche ad inferriata installata.

🇬🇧 Hinge with rotation of 180° for grates completely overturning. You could open the wings until they will overlap to the wall by obtaining in this way a space saving and, avoiding the difficulties due to the classical swings with only 90° opening. Realized in weldable material with the most common systems (continuous wire electrode). Lowered end in order to facilitate the lodging inside of the box-shielded of the rail-guard guaranteeing a remarkable discouragement of the times of working (available for box-shielded of section 40x40, 1,5 - 2 thickness mm). Being ambidextrous, problem of assembly and storing is reduced. Central pin extractable in order to allow the painting, the welding and the maintenance also when the fence is installed.

🇫🇷 Charnière avec rotation à 180° pour grilles complètement escamotables. On peut ouvrir les portes jusqu'à qu'elles chevauchent le mur, pouvant obtenir une réduction des encombrements et évitant les empêchements dus aux portes avec ouverture 90°. Réalisé en matériel soudable avec les systèmes les plus communs (électrode continue de fil). Extrémité abaissées afin de faciliter le logement à l'intérieur du boîte-protégé du rail en garantissant un remarquable abattage des temps de travail (disponible pour boîte protégé de section 40x40, d'épaisseur de 1,5 - 2 mms). Les problèmes de l'assemblage et de stockage sont réduits étant charnières ambidextres. Goupille au centre amovible afin de permettre le travail de peinture, la soudure et l'entretien également à grille installée.

🇫🇷 Non verniciare e/o zincare le cerniere con perno montato  
 Non lubrificare le cerniere con grassi e/o olii che rilascino residuo di silicone  
 Una volta smontata la cerniera ARTU non far prendere polvere di ferro al perno  
 Si ricorda che tutti gli accessori, anche se trattati appositamente, non sono stati progettati e prodotti per il costante contatto con agenti atmosferici ossidanti come pioggia, neve, grandine ecc.  
 🇬🇧 Do not paint and / or galvanize hinges with mounted pin  
 Do not lubricate the hinges with greases and / or oils that release silicone residue  
 Once disassembled the ARTU hinge not far from getting iron dust in the hinge  
 Remember that all accessories, even if specially treated, have been fixed and produced for constant contact with oxidizing atmospheric agents such as rain, snow, hail, etc.  
 🇫🇷 Ne pas peindre et / ou galvaniser les charnières avec la goupille montée  
 Ne lubrifiez pas les charnières avec des graisses et / ou des huiles qui libèrent des résidus de silicone  
 Une fois démontée, la charnière ARTU n'est pas loin d'avoir de la poussière de fer dans la charnière  
 N'oubliez pas que tous les accessoires, même spécialement traités, ont été fixés et fabriqués pour un contact constant avec des agents atmosphériques oxydants tels que la pluie, la neige, la grêle, etc.



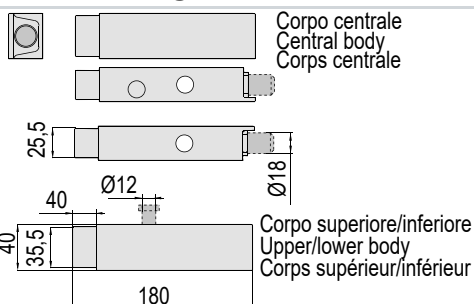
# SERRATURE

PER INFERRIATE DI SICUREZZA A BATTENTE

FOR SWING SECURITY GRILLES

POUR GRILLES DE SÉCURITÉ À BATTANT

## SET SERRATURA INVISIBILE PER INFERRIATE CON ANTA DOPPIA

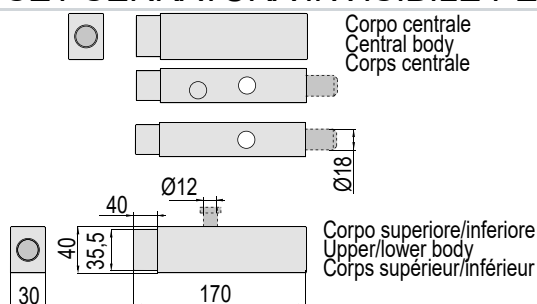


Set invisible lock for grates with double wings

Set serrure invisible pour grilles à double battants

COD.			€/pz
SET MORGANA	1	4,600	
SET MORGANA/2	1	3,070	
SET MORGANA/4	1	6,140	

## SET SERRATURA INVISIBILE PER INFERRIATE CON ANTA SINGOLA



Set invisible lock for grates with single wing

Set serrure invisible pour grilles à simple battant

COD.			€/pz
SET MORGANA/S	1	4,600	
SET MORGANA/S2	1	3,070	
SET MORGANA/S4	1	6,140	

### COMPOSIZIONE DEI SET:

- \*SETMORGANA-SETMORGANA/S: 1 corpo centrale con chiusura a pistone ed alloggiamento cilindro, 2 corpi superiore/inferiore con chiusura a pistone e rostro retrattile antistrappo, riscontri sagomati per anta doppia o singola.
- \*SETMORGANA/2-SETMORGANA/S2: 1 corpo centrale con chiusura a pistone ed alloggiamento cilindro, 1 corpo superiore/inferiore con chiusura a pistone e rostro retrattile antistrappo, riscontri sagomati per anta doppia o singola.
- \*SETMORGANA4-SETMORGANA/S4: 2 corpi centrali con chiusura a pistone ed alloggiamento cilindro, 2 corpi superiore/inferiore con chiusura a pistone e rostro retrattile antistrappo, riscontri sagomati per anta doppia o singola.

### COMPOSITION OF THE SETS:

- \* SETMORGANA-SETMORGANA / S: 1 central body with piston closure and cylinder housing, 2 upper / lower bodies with piston closure and tear-proof retractable rostrum, shaped strikers for double or single door.
- \* SETMORGANA / 2-SETMORGANA / S2: 1 central body with piston and cylinder housing, 1 upper / lower body with piston closure and tear-proof retractable rostrum, shaped strikers for double or single door.
- \* SETMORGANA4-SETMORGANA / S4: 2 central body with piston and cylinder housing, 2 upper / lower body with piston closure and tear-proof retractable rostrum, shaped strikers for double or single door.

### COMPOSITION DES ENSEMBLES:

- \* SETMORGANA-SETMORGANA / S: 1 corps central avec fermeture de piston et carter de cylindre, 2 corps supérieur / inférieur avec fermeture à piston et estrade rétractable indéchirable, gâches profilées pour porte double ou simple.
- \* SETMORGANA / 2-SETMORGANA / S2: 1 corps central avec corps de piston et cylindre, 1 corps supérieur / inférieur avec fermeture à piston et estrade rétractable indéchirable, gâches profilées pour porte double ou simple.
- \* SETMORGANA4-SETMORGANA / S4: 2 corps central avec piston et corps de cylindre, 2 corps supérieur / inférieur avec fermeture à piston et estrade rétractable indéchirable, gâches profilées pour porte double ou simple.





**Serratura di sicurezza a scomparsa per inferriate formata da corpi con pistoni e relativi riscontri.**

\*Permette di eliminare il montante centrale alleggerendo l'impatto visivo dell'inferriata; ad ante chiuse la resa estetica è quella di un'anta fissa.

\*La serratura MORGANA offre cinque punti di chiusura, tre centrali, uno superiore ed uno inferiore antistrappo.

\*Il cilindro è protetto da un defender naturale in acciaio spesso 5 mm.

\*Non necessita di catenacci sull'anta di riscontro. Non necessita di aste e puntali.

\*Ridotti i tempi di realizzazione dell'inferriata ed eliminate le lavorazioni per l'inserimento della serratura.

\*L'apertura della serratura avviene semplicemente ruotando l'asta passante (tondo commerciale di diametro 10 mm).

\*Compatibile con tutti i mezzi cilindri di sicurezza 25/10 (cilindro non incluso).

**Retractable safety lock for railings formed by bodies with pistons and relative strikers.**

\* Allows you to eliminate the central upright, lightening the visual impact of the railing; with closed doors the aesthetic result is same as a fixed door.

\* The MORGANA lock offers five locking points, three central, one upper and one lower tearproof.

\* The cylinder is protected by a natural defender 5 mm thickness in steel.

\* It does not require bolts on the matching door. It does not require rods and tips.

\* Reduces time for making the railing and eliminates the work required to insert the lock.

\* The lock is opened simply by rotating the through rod (commercial rod with a diameter of 10 mm).

\* Compatible with all 25/10 safety half cylinders (cylinder not included).

**Serrure de sécurité rétractable pour garde-corps formés par des corps à pistons et gâches relatives.**

\* Vous permet d'éliminer le montant central, allégeant l'impact visuel de la balustrade; avec des portes fermées, le résultat esthétique est celui d'une porte fixe.

\* La serrure MORGANA offre cinq points de verrouillage, trois centraux, un supérieur et un inférieur anti-déchirure.

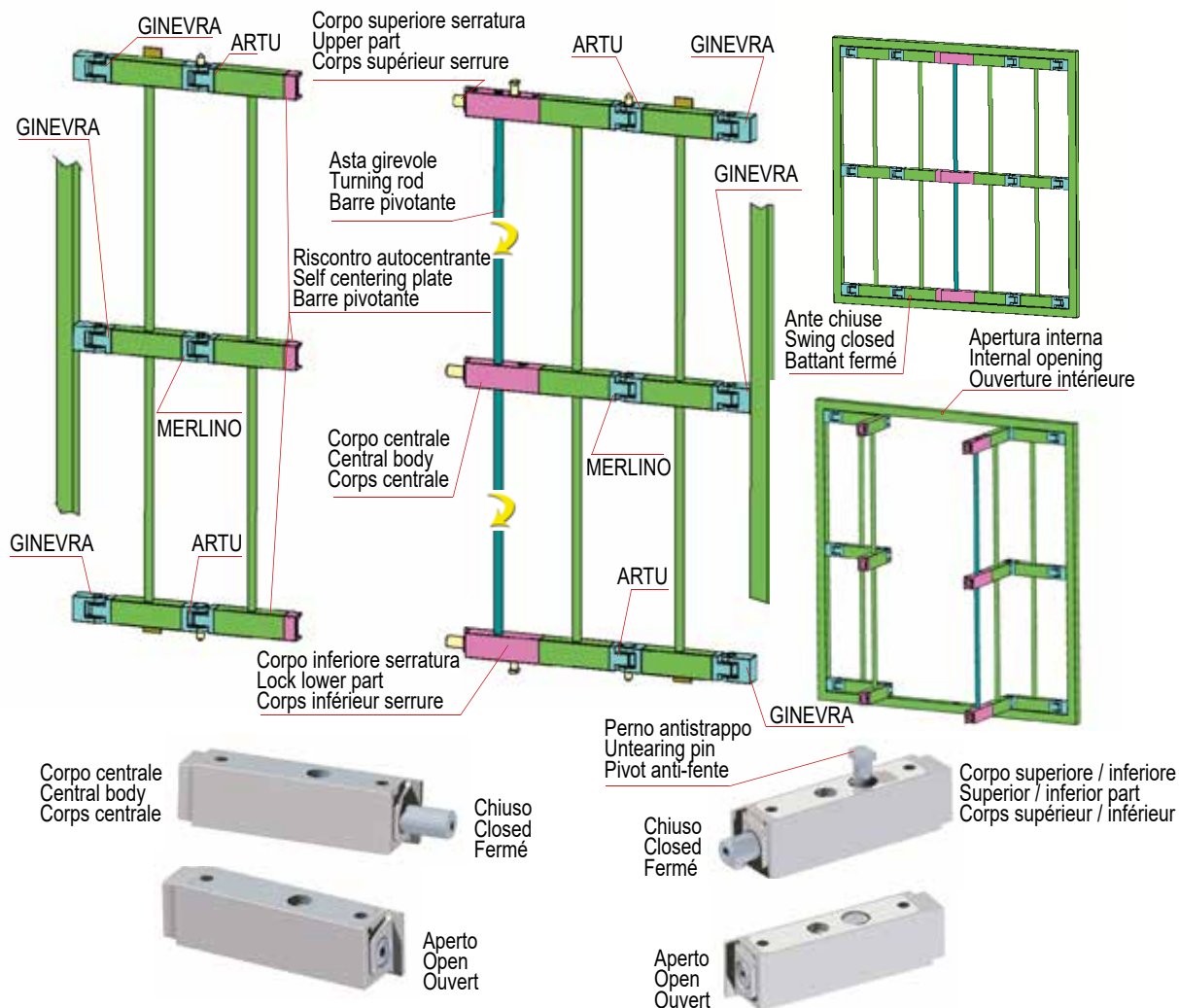
\* Le cylindre est protégé par un défendeur en acier naturel de 5 mm d'épaisseur.

\* Il ne nécessite pas de boulons sur la porte correspondante. Il nia pas besoin ni de tiges ni de pointes.

\* Réduction du temps de fabrication de la balustrade et élimination du travail requis pour insérer la serrure.

\* La serrure s'ouvre simplement en tournant la tige traversante (ronde commerciale d'un diamètre de 10 mm).

\* Compatible avec tous les demi-cylindres de sécurité 25/10 (cylindre non inclus).



**Realizzata in zama con inserti saldabili con i piú comuni sistemi (filo continuo - elettrodo).**

Estremità ribassate per agevolare l'alloggiamento all'interno dello scatolato dell'inferriata garantendo un notevole abbattimento dei tempi di lavorazione (disponibile per scatolato di sezione 40x30 spessore 1,5 - 2 mm, innesto 40 mm). Dotata di tappi per la verniciatura.

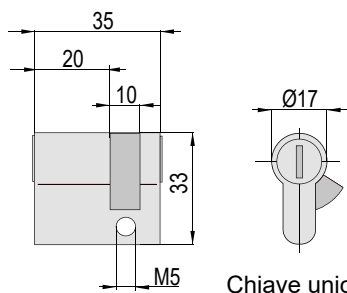
**Made by zama with inserts weldable with the most popular systems (continuous wire electrode).**

Lowered end to facilitate the housing inside the boxtype of the grate ensuring a significant reduction in processing times (available for 40x30 box-section thickness 1,5 mms., graft 40mms.). Equipped with caps for painting.

**Réalisée en zama avec plaques soudable par les systèmes les plus connus (fil continu - électrode).**

Extrémités abaissées pour faciliter le logement à l'intérieur du coffre de la grille assurant une réduction significative des temps de travail (dispo pour 40x30 coffre-ép., greffe 40mms.). Equipé avec des bouchons pour la peinture.

### CILINDRO IN OTTONE NON PASSANTE



Chiave unica-Unique key-Clé unique

■ Mezzo cilindro di sicurezza 25/10 SECUREMME in ottone cromo satinato. 3 chiavi + 1 chiave cantiere, vite di fissaggio  
■ Half safety cylinder SECUREMME 25/10 in satin chrome brass, 3 keys + 1 key yard, set screw.  
■ Demi-cylindre de sûreté 25/10 SECUREMME en laiton chrome satiné. 3 clés + 1 clé du site, vis de fixation.

COD.			€/pz
<b>C25/10</b>	1	0,206	
<b>C25/10U</b>	1	0,206	

### ORNAMENTO CON GRANO



COD.	H	L	Ø			€/pz
<b>O/P14G</b>	40	ø40	14,5	50	0,176	

### ORNAMENTO DOPPIO CON GRANO

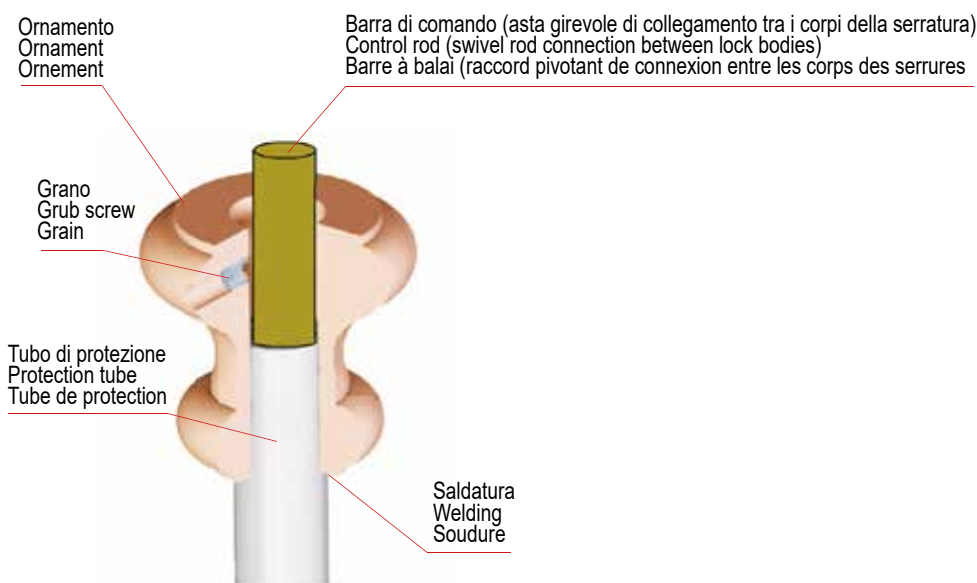


COD.	H	L	Ø			€/pz
<b>O/DP14G</b>	66	ø40	14,5	50	0,246	

■ Per l'asta di comando che collega tutti i corpi serratura è obbligatorio utilizzare una barra tonda di diametro 10mm. Tale barra deve essere rivestita con un tubo di diametro interno 10 ed esterno uguale a quello di tutte le altre aste. Su questa asta si consiglia di utilizzare ornamenti con grano come quelli riportati sopra.

■ For the control rod that connects all the lock bodies is required to use a 10 mm round bar. This bar has to be insert in a tube of inner diameter 10 and outer diameter same as all other rods. On this rod we recommend using ornaments with grub screw those showned above.

■ Cette barre devrait être couverte d'un tube de diamètre intérieur 10 et extérieur identique à celui de toutes les autres enchères. Sur cette enchère nous vous recommandons d'utiliser le grain comme ornements selon ce rapporté au-dessous.







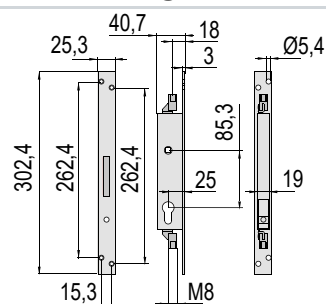
# ACCESSORI

PER INFERRIATE DI SICUREZZA A BATTENTE

FOR SWING SECURITY GRILLES

POUR GRILLES DE SÉCURITÉ À BATTANT

## SERRATURA PER INFERRIATE A BATTENTE IN ACCIAIO ZINCATO



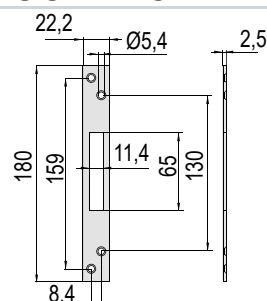
Serratura in acciaio zincato, 3 punti di chiusura, per scatola 40 mm, corsa 25 mm

Lock in zinked steel, 3 locking points, suitable for box-type 40 mm, stroke 25 mm

Serrure en acier zingué, 3 points de fermeture, pour boîte 40 mm, course 25 mm

NOTE	COD.			€/pz
Comando scrocco con maniglia Spring latch with handle Commande du dé clic avec poignée	<b>S174/40I</b>	4	0,646	
Serratura senza maniglia. Comando scrocco con cilindro Lock without handle. Spring latch by cylinder Serrure sans poignée. Commande du dé clic avec cylindre	<b>S174/40I/SM</b>	4	0,646	

## CONTROPIASTRA PER SERRATURA IN ACCIAIO ZINCATO



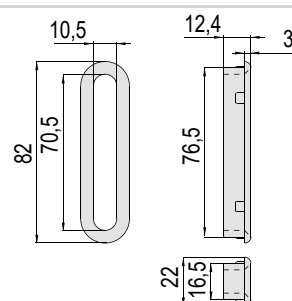
Contropiastra in acciaio zincato per serratura S174/40I, S174/40I/SM

Striker plate in zinked steel for lock S174/40I, S174/40I/SM

Contre-platine en acier zingué, pour serrure S174/40I, S174/40I/SM

COD.			€/pz
<b>CS174/40I</b>	12	0,059	

## RISCONTRO IN PLASTICA AD INCASSO PER SERRATURA



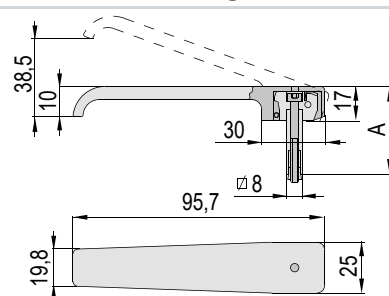
Riscontro in plastica, ad incasso, per serratura S174/40I, S174/40I/SM

Plastic striker plate, built-in, for lock S174/40I, S174/40I/SM

Douille, en plastique, pour serrure S174/40I, S174/40I/SM

COD.			€/pz
<b>BOC10N</b>	20	0,007	

## MEZZA MANIGLIA IN ALLUMINIO, A MOLLA, PER PERSIANE BLINDATE



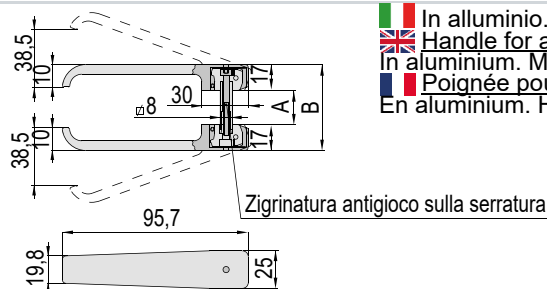
Mezza maniglia a molla, in alluminio, per persiane blindate. Altezza minimizzata per spazi ridotti.

Half-handle with spring for armoured shutters, in aluminium. Minimized height for small spaces.

Demi-poignée en aluminium pour les volets blindés. Hauteur minimale pour les petits espaces

COD.	A	Scatolato Box Boîte			€/pz
<b>M102BN30/R</b>	38,5	30	10	0,080	
<b>M102BN45/R</b>	43,5	>30	10	0,080	

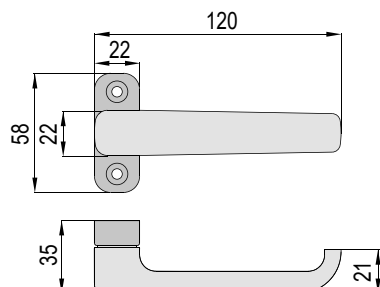
**MANIGLIA DOPPIA IN ALLUMINIO, A MOLLA, PER PERSIANE BLINDATE**



**IT** In alluminio. Altezza minimizzata per spazi ridotti.  
**UK** Handle for armoured shutters.  
**EN** In aluminium. Minimized height for small spaces.  
**FR** Poignée pour les volets blindés.  
**EN** In aluminium. Hauteur minimale pour les petits espaces

COD.	A	B			€/pz
M102BN/2R/30	30,5	66,5	10	0,142	
M102BN/2R/40	40,5	76,5	10	0,146	
M102BN/2R/50	50,5	86,5	10	0,150	

**MEZZA MANIGLIA IN ALLUMINIO PER PERSIANE BLINDATE E INFERRIATE**

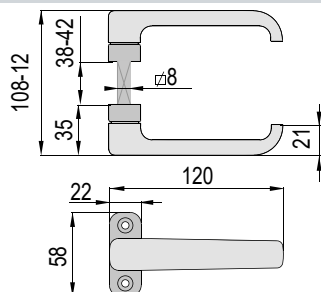


**UK** Half-handle in aluminium for armoured blinds and grilles

**FR** Demie poignée en aluminium pour persiennes blindées

COD.	Colore Color Couleur			€/pz
M102BN70	Nero RAL8005 Black RAL8005 Noir RAL8005	10	0,104	
M102B70/B	Bianco RAL9010 White RAL9010 Blanc RAL9010	10	0,104	
M102B70/M	Marrone RAL8017 Brown RAL8017 Marron RAL8017	10	0,104	
M102B70/V	Verde RAL6005 Green RAL6005 Vert RAL6005	10	0,104	
M102B70/A	Argento Silver Argent	10	0,104	

**MANIGLIA IN ALLUMINIO PER PERSIANE BLINDATE E INFERRIATE**

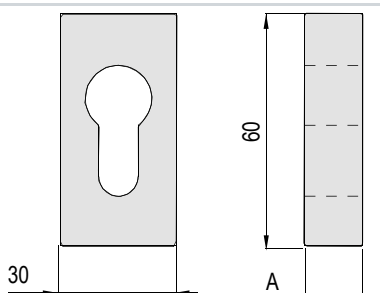


**UK** Handle in aluminium for armoured blinds and grilles

**FR** Poignée en aluminium pour persiennes blindées

COD.	Colore Color Couleur			€/pz
M102BN/2	Nero RAL8005 Black RAL8005 Noir RAL8005	10	0,212	
M102B/2/B	Bianco RAL9010 White RAL9010 Blanc RAL9010	10	0,212	
M102B/2/M	Marrone RAL8017 Brown RAL8017 Marron RAL8017	10	0,212	
M102B/2/V	Verde RAL6005 Green RAL6005 Vert RAL6005	10	0,212	
M102B/2/A	Argento Silver Argent	10	0,212	

**MOSTRINA COPRICILINDRO A SALDARE IN ACCIAIO GREZZO**

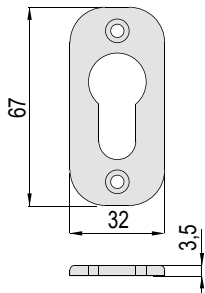


**UK** Cylinder cover to weld in raw steel

**FR** Couvre-cylindre à souder en acier brut

COD.	A			€/pz
MCC60/5	5	24	0,054	
MCC60/10	10	24	0,107	
MCC60/15	15	24	0,161	

MOSTRINA COPRICILINDRO IN PLASTICA



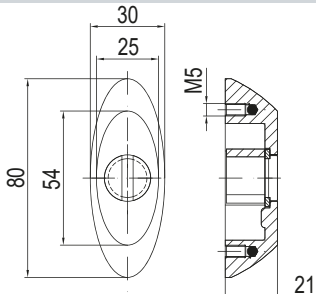
🇬🇧 Cylinder cover in plastic

🇫🇷 Couvre-cylindre en plastique

COD.	Colore Color Couleur			€/pz
MCC67	Nero Black Noir	24	0,005	
MCC67/B	Bianco White Blanc	24	0,005	

art. MCC67/B NUOVO PRODOTTO  
art. MCC67/B NOUVEAU PRODUIT

DEFENDER IN ZAMA PER INFERRIATE



🇬🇧 Zama defender for railings

🇫🇷 Zamak defender pour les rails

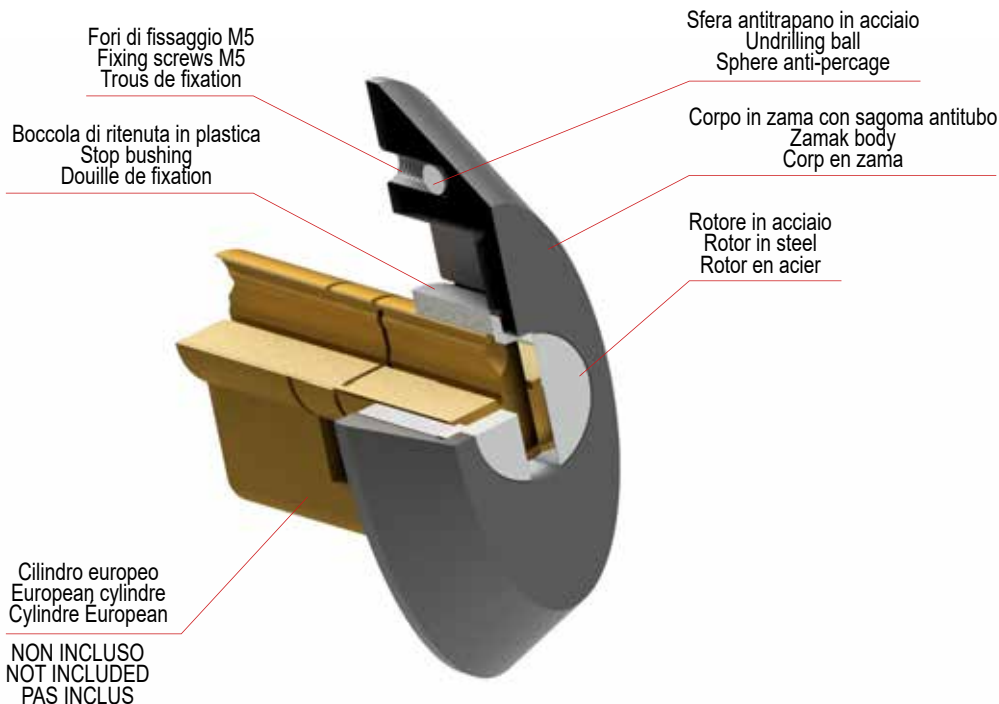
COD.	Colore Color Couleur			€/pz
DEF30N	Nero Black Noir	10	0,135	
DEF30	Grezzo Raw Brut	10	0,135	

NUOVO PRODOTTO  
NOUVEAU PRODUIT

🇮🇹 Esploso componenti

🇬🇧 Components view

🇫🇷 Afficher les composants



🇮🇹 Vantaggi del prodotto

🇬🇧 Product benefits

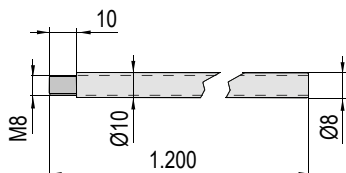
🇫🇷 Avantages du produit

- Design moderno
- Con sfere antitrapano
- Evadibile grezzo per eventuali personalizzazioni

- Modern design
- With anti-drill balls
- Raw version available for customization

- Style moderne
- Avec billes anti-perçage
- Possibilité d'expédier en version brute pour toutes personnalisations

### ASTA DI RINVIO IN ACCIAIO ZINCATO CON TERMINALE FILETTATO



**█** Asta di rinvio per serratura o catenaccio, in acciaio zincato, lunghezza 1.200 mm, con terminale M8 graffato

**█** Pushrod for lock or bolt, in zinked steel.

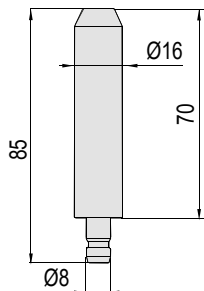
Lenght 1.200 mm, with stapled terminal M8

**█** Barre de renvoi pour serrure ou verrou, en acier zingué.

Longueur 1.200 mm, avec terminal M8 agrafé

COD.			€/pz
<b>ASF10/120</b>	24	0,267	

### PUNTALE PER ASTA DI RINVIO IN ACCIAIO PER GRAFFATURA



**█** Puntale terminale per aste di rinvio di serrature e catenacci.

In acciaio carbonitrurato, antitaglio, zincato nero. Da graffiare in aste tubolari con fori da 8 mm (cod. ASF10/120)

**█** Terminal pillar for lock or bolt pushrods in hardened black zinked steel.

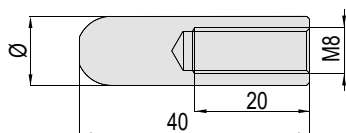
To staple on tubular rods, with holes 8 mm (cod. ASF10/120)

**█** Embout terminal pour barres de renvoi de serrures et verrous.

En acier carbonitruré, zingué, noir. Àagrafer en barres tubulaires avec trous de 8 mm (cod. ASF10/120)

COD.			€/pz
<b>PU16X85ZN</b>	24	0,116	

### PUNTALE PER ASTA RINVIO IN ACCIAIO AD AVVITARE



**█** Puntale terminale per aste di rinvio di serrature e catenacci. In acciaio carbonitrurato, antitaglio, e zincato. Ad avvitare su aste tubolari con filetto da 8 mm

**█** Terminal pillar for lock or bolt pushrods in zinked steel.

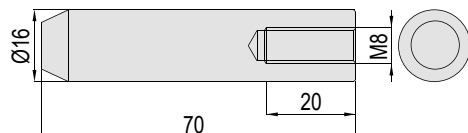
To screw on tubular rods, thread 8 mm

**█** Embout terminal pour barres de renvoi de serrures et verrous.

En acier zingué. A visser sur barres tubulaires avec filet de 8 mm.

COD.	Ø			€/pz
<b>PU12X40</b>	12	100	0,027	
<b>PU14X40</b>	14	100	0,043	

### PUNTALE PER ASTA DI RINVIO IN ACCIAIO AD AVVITARE



**█** Puntale terminale per aste di rinvio di serrature e catenacci. In acciaio carbonitrurato, antitaglio, e zincato. Ad avvitare su aste tubolari con filetto da 8 mm

**█** Terminal pillar for lock or bolt pushrods in zinked steel.

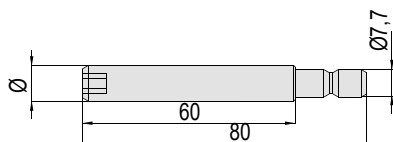
To screw on tubular rods, thread 8 mm

**█** Embout terminal pour barres de renvoi de serrures et verrous.

En acier zingué. À visser sur barres tubulaires avec filet de 8mm.

COD.			€/pz
<b>PU16X70</b>	24	0,105	

### PUNTALE PER ASTA DI RINVIO IN ACCIAIO PER GRAFFATURA



**█** Puntale terminale per aste di rinvio di serrature e catenacci. In acciaio carbonitrurato, antitaglio, zincato. Da graffiare in aste tubolari con fori da 8 mm (cod. ASF10/120)

**█** Terminal pillar for lock or bolt pushrods in hardened zinked steel.

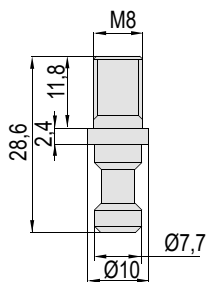
To staple on tubular rods, with holes 8 mm (cod. ASF10/120)

**█** Embout terminal pour barres de renvoi de serrures et verrous.

En acier carbonitruré, zingué. Àagrafer en barres tubulaires avec trous de 8 mm (cod. ASF10/120)

COD.	Ø			€/pz
<b>PU10/10</b>	10	100	0,046	
<b>PU12/10</b>	12	100	0,062	
<b>PU14/10</b>	14	100	0,081	
<b>PU16/10</b>	16	100	0,103	

## PERNO FILETTATO A GRAFFARE PER ASTA DI RINVIO IN ACCIAIO



**■** Perno filettato per aste di rinvio di serrature e catenacci. In acciaio zincato. A graffiare su aste tubolari con foro da 8 mm  
**■** Threaded pin for lock or bolt pushrods. In zinked steel. To staple on tubular rods, with hole 8 mm  
**■** Pivot filettée pour barres de renvoi de serrures et verrous. En acier zingué. À agraffer sur barres tubulaires avec trou de 8 mm

COD.			€/pz
PER8/ASF	500	0,009	

**■** Applicazione puntale per aste **■** Application push rod for rods **■** Application embout pour barres

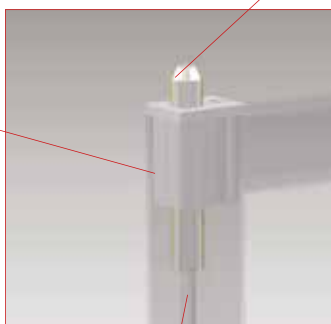
Puntale cod. PU12X85ZN - Terminal pillar cod. PU12x85ZN - Embout terminal cod. PU12x85ZN

Puntale cod. PU12X40 - Terminal pillar cod. PU12x40 - Embout terminal cod. PU12x40

Puntale cod. PU16X85ZN  
Terminal pillar cod. PU16x85ZN  
Embout terminal cod. PU16x85ZN

Puntale cod. PU12X40  
Terminal pillar cod. PU12x40  
Embout terminal cod. PU12x40

Riscontro guida cod. TAP16/PU  
Guide tin cap cod. TAP16/PU  
Bouchon guide cod. TAP16/PU



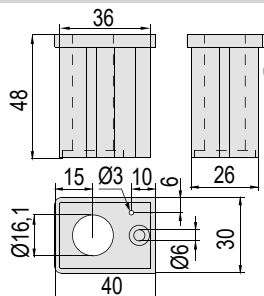
Asta filettata cod. ASF10/120  
Pushrod cod. ASF10/120  
Bar de renvoi cod. ASF10/120

Catenaccio a leva a semplice azione  
Lever bolt simple action  
Verrou à levier à action simple

Catenaccio a leva a doppia azione  
Lever bolt double action  
Verrou à levier à double action

Serratura a doppio rinvio  
Lock, double action  
Serrure, double action

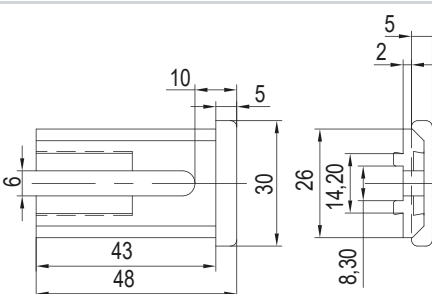
## TAPPO GUIDA PER PUNTALE AD INCASSO IN ZAMA



**■** Tappo guida puntale, in zama, ad incasso, per scatolato 40x30. Permette di guidare il puntale dell'asta di rinvio, senza ricorrere alla saldatura sullo scatolato di una piastrina forata  
**■** Guide tin cap in zama, to embed, suitable for box-type 40x30. It let to ride terminal pillar for pushrods, without welding on box-type of a perforated plate  
**■** Bouchon guide embout, en zamak, à encaissement, pour boîte 40x30. Cela permet de guider l'embout de la barre de renvoi, sans recourir à la soudure sur la boîte d'une plaquette percée

COD.			€/pz
TAP16/PU	24	0,134	

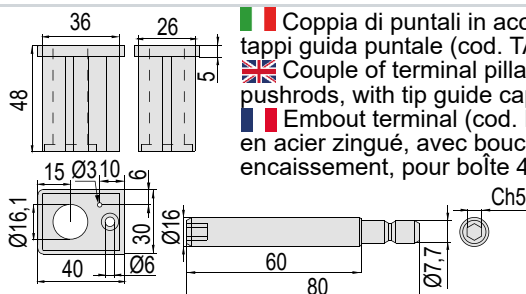
## DISTANZIALE PER TAP16/PU IN ZAMA



**■** Distanziale che permette di utilizzare il TAP16/PU su scatolati con larghezza maggiore di 40mm. Ogni distanziale ha uno spessore di 5mm  
**■** Spacer that allows to use the TAP16 / PU on boxes with width greater than 40mm. Each spacer has a thickness of 5mm  
**■** Entretoise qui permet d'utiliser le TAP16 / PU sur des boîtes de largeur supérieure à 40 mm. Chaque entretoise a une épaisseur de 5 mm

COD.			€/pz
DS/GP16	24	0,010	

## COPPIA DI PUNTALI CON TAPPI GUIDA AD INCASSO

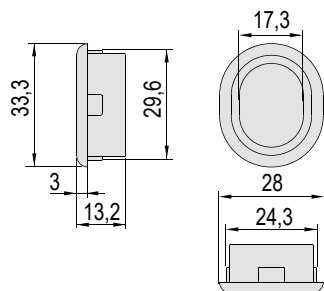


**■** Coppia di puntali in acciaio carbonitrurato (cod. PU16/10) per asta di rinvio, con tappi guida puntale (cod. TAP16/PU), in zama, ad incasso, per scatolato 40x30.  
**■** Couple of terminal pillar in zinked steel (cod. PU16/10) for lock or bolt pushrods, with tip guide caps (cod. TAP16/PU) in zama, suitable for box-type 40x30.  
**■** Embout terminal (cod. PU16/10) pour barres de renvoi de serrures et verrous, en acier zingué, avec bouchon guide embout (cod. TAP16/PU), en zamak, à encaissement, pour boîte 40x30.

COD.			€/pz
SET/PU16/10	12	0,474	



### RISCONTRO IN PLASTICA AD INCASSO PER PUNTALE Ø16mm

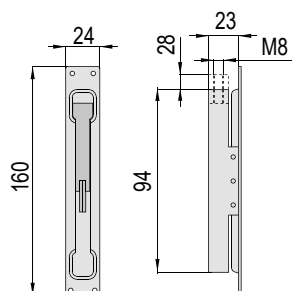


Plastic striker built-in for terminal pillar diameter 16 mm

Douille en plastique pour embout diamètre 16 mm. à encaissement.

COD.			€/pz
<b>BOC/16/N</b>	100	0,003	

### CATENACCIO DA INCASSO A SEMPLICE AZIONE ZINCATO



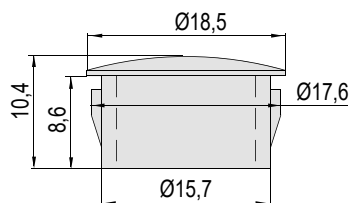
Corsa: 28mm

Built-in lever bolt simple action, in zinked steel. Stroke: 28mm

Verrou pour encaissement à action simple, zingué. Course: 28mm

COD.			€/pz
<b>CL24ZL</b>	10	0,130	

### TAPPO COPRIFORO A SCATTO IN PLASTICA



Tappo copriforo, in plastica nera, con inserimento a scatto.

Adatto per mascherare i fori per il fissaggio del telaio dell'inferriata

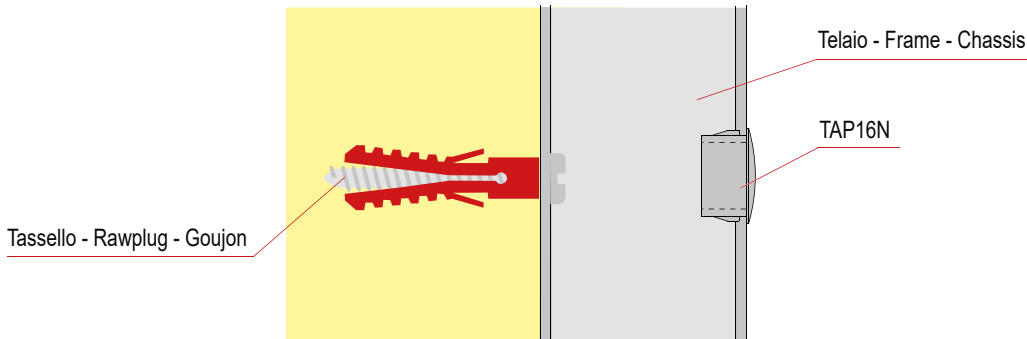
Black plastic cover plug with click insertion.

It need to cover the holes for fixing of the frame of the grille

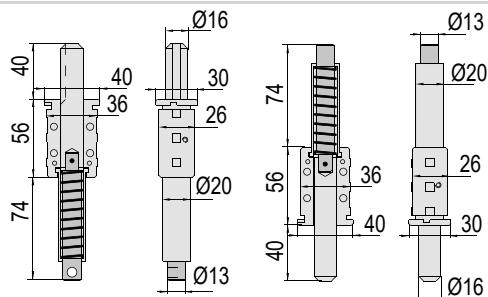
Bouchon couvre-trou, en plastique noir, avec insertion à pression.

Indiqué pour couvrir les trous de fixation du châssis de la grille

COD.			€/pz
<b>TAP16N</b>	96	0,001	



### COPPIA DI CARDINI SUPERIORE ED INFERIORE SGANCIO RAPIDO



Coppia di cardini, superiore ed inferiore, ad incasso, per scatolato 40x30. Corpo in zama, perni in acciaio zincato Meccanismo a molla per lo sgancio rapido dell'anta, per rendere semplice il montaggio e la manutenzione. Lo sgancio è possibile solamente ad anta aperta

Pair of upper and lower built-in pintles, suitable for box-type 40x30.

Zama body, zinked steel pins. Spring mechanism for quick release of the wing. It simplify assembly and maintenance. The release is possible only with open door

Couple de gonds supérieure et inférieure, à encaissement, pour boîte 40x30.

Corps en zamak, pivots en acier zingué. Mécanisme à ressort pour le décrochage rapide du battant, afin de simplifier le montage et l'entretien. Le décrochage est possible seulement avec le battant ouvert

COD.				€/pz
<b>TAP16</b>	100	1	1,010	



**IT** TAP16 - Smontaggio rapido dell'anta

**UK** TAP16 - Wing quick removal

**FR** TAP16 - Démontage rapide du battant



**IT** Ad anta chiusa, il meccanismo risulta essere inaccessibile, e protetto dal telaio  
**UK** When wing is closed, mechanism is inaccessible and protected by frame  
**FR** Quand le battant est fermé, le mécanisme est inaccessible et protégé par le châssis



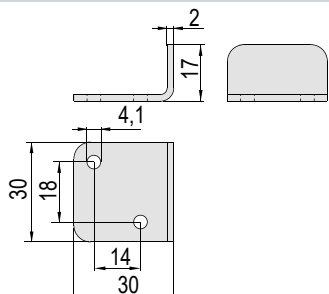
**IT** Infilando un cacciavite nel foro presente sull'asta con molla, il perno di fissaggio si abbassa  
**UK** By inserting a screwdriver in the rod spring hole, the fixing pin is lowered  
**FR** Abouchant un tournevis dans le trou, présent sur la barre avec ressort, le pivot de fixation se baisse.

**IT** Ad anta aperta, il meccanismo diventa accessibile.  
**UK** When wing is open, mechanism is accessible  
**FR** Quand le battant est ouvert, le mécanisme est accessible



**IT** Abbassando il perno, si può procedere a sfilare l'anta dal telaio.  
**UK** Lowering the pin, we can extract the wing from the frame  
**FR** En baissant le pivot on peut désenfiler le battant du châssis

**STAFFA DI BATTUTA IN ACCIAIO GREZZO PER ANTE CON SNODO**



**IT** Staffa di battuta per ante con snodo, in acciaio grezzo. Facilita la corretta chiusura della semianta più interna, fornendo un riferimento per la fuoriuscita dei puntali di serratura e catenaccio  
**UK** Stop bracket for wings with junction, in raw steel. It facilitates the right closing of inner wing and it gives a datum point for the spillage of terminal pillar of lock and bolt  
**FR** Butée de support pour battants avec joint, en acier brut. Cela facilite la correcte fermeture du demi-battant le plus intérieur, fournissant une référence pour la sortie des embouts de serrure et verrou

COD.			€/pz
STAF30X30G	50	0,019	

**IT** Vantaggi del prodotto

**UK** Product benefits

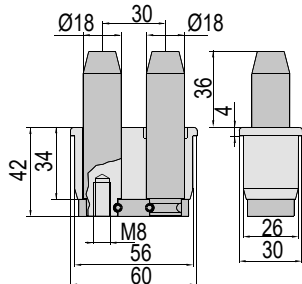
**FR** Avantages du produit

- Cardine con sgancio rapido
- Corpo interno progettato per resistere all'antiefrazione
- Contropiasta in acciaio regolabile
- Perno da 16mm
- Rondelle in ottone lubrificanti antitaglio

- Quick release pintle
- Internal body designed against break-in attempts
- Adjustable Counterpart in steel
- Pin 16 mm
- Anti-cut lubricated Brass Washer

- Pivot à dégageement rapide
- Corps interne résistant et anti-effraction
- Contre-plaque en acier réglable
- Pivot de 16mm
- Rondelles lubrifiantes en laiton anti-coupure

## PUNTALE DOPPIO CON TAPPO GUIDA AD INCASSO



**■ ■** Coppia di puntali in acciaio zincato, con tappo in plastica, ad incasso, per scatolato 60x30.

Il movimento sincrono dei puntali è comandato da un'unica asta di rinvio della serratura.

Diametro puntali maggiorato di 18 mm.

**■ ■** Pair of pillars in zinked steel with plastic cap for box 60x30.

The synchronous movement of pillars is monitored by a single pushrod of the lock.

Pillar diameter increased by 18mm.

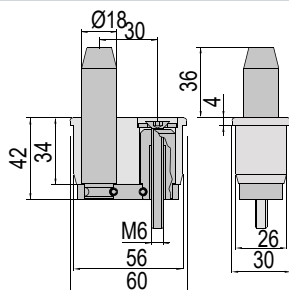
**■ ■** Paire d'embouts zingués à encaissement et avec bouchon en plastique, pour boîtes 60x30.

Le mouvement synchrone des embouts est commandé par une seule barre de renvoi de la serrure.

Diamètre embout augmenté de 18mm.

COD.			€/pz
<b>PU18X2</b>	2	0,360	

## CARDINE SUPERIORE/INFERIORE CON TAPPO GUIDA AD INCASSO



**■ ■** Cardine superiore/inferiore, con perno in acciaio zincato e tappo in plastica, ad incasso, per scatolato 60x30. Il cardine può essere smontato, ad anta aperta, agendo su di una vite di regolazione e facendo rientrare il perno. In questo modo si facilita il montaggio e la rimozione dell'anta per la manutenzione. Diametro puntali maggiorato di 18 mm.

**■ ■** Upper and lower pintle with zinked steel pin and plastic cap built-in for box 60x30. The pintle can be disassembled at open wing by working on an adjustment screw and retracting the pin. This makes easier the assembly and the removal of the wing for its maintenance. Pintle, diameter increased by 18mm.

**■ ■** Gond supérieur et inférieur avec pivot zingué et bouchon en plastique à encaissement, pour boîtes 60x30. Le gond peut être démonté avec le battent ouvert en agissant sur une vis de réglage et en rétractant le pivot. Cela facilite l'assemblage et le retrait du battent pour la manutention.

Diamètre embout augmenté de 18mm.

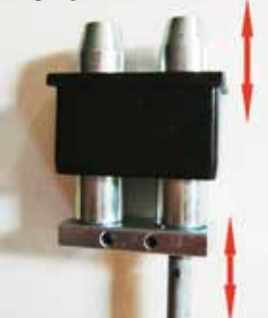
COD.			€/pz
<b>TAP18</b>	2	0,285	

**■ ■** Funzionamento

**■ ■** Operation

**■ ■** Opération

PU18X2



**■ ■** Azionando il catenaccio o la serratura, entrambi i perni traslano in verticale

**■ ■** By operating the bolt or the lock both pins move vertically

**■ ■** En actionnant le verrou ou la serrure, les pivots se déplacent verticalement

**■ ■** Ad anta aperta, avvitando/ svitando la vite, il perno del cardine trasla in verticale

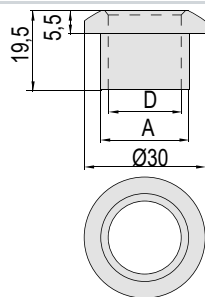
**■ ■** With the wing open, sighting /unscrewing the screw, the pin and the hinge move vertically

**■ ■** Avec le battent ouvert, en vissant/endévisant la vis, la goupille et la charnière tournent verticalement

TAP18



### BOCCOLA DI RISCONTRO PER CARDINE IN OTTONE



**■ ■** Boccola di riscontro, in ottone, per cardine.

BOC/16/OT: boccola di riscontro per cardine TAP16/3AS.

BOC/18/OT: boccola di riscontro per cardine TAP18.

**■ ■** Stop bushing for pintle, in brass.

BOC/16/OT: stop bushing for pintle TAP16/3AS.

BOC18/OT: stop bushing for pintle TAP18.

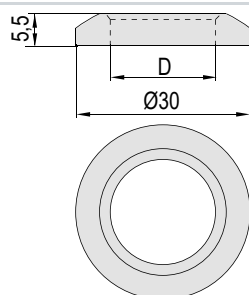
**■ ■** Douille d'arrêt pour pivot, en laiton.

BOC/16/OT: douille d'arrêt pour pivot TAP16/3AS.

BOC18/OT: douille d'arrêt pour pivot TAP18.

COD.	A	D			€/pz
BOC/16/OT	20	16,1	50	0,035	
BOC/18/OT	22	18,1	50	0,034	

### RONDELLA DI RISCONTRO PER CARDINE IN OTTONE



**■ ■** Rondella di riscontro, in ottone, per cardine.

RON16/OT: rondella di riscontro per cardine TAP16/3AS.

RON18/OT: rondella di riscontro per cardine TAP18.

**■ ■** Brass washer for pintle.

RON16/OT: washer for pintle TAP16/3AS.

RON18/OT: washer for pintle TAP18

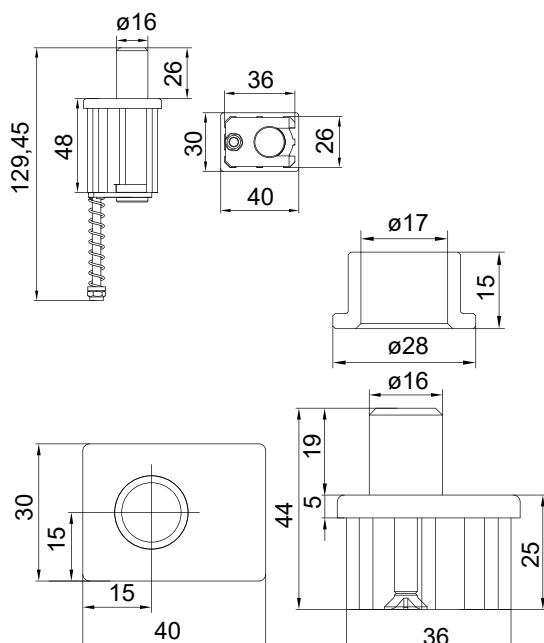
**■ ■** Rondelle de contrôle en laiton pour pivot.

RON16/OT: rondelle de contrôle pour pivot TAP16/3AS.

RON18/OT: rondelle de contrôle pour pivot TAP18.

COD.	D			€/pz
RON16/OT	16,1	100	0,022	
RON18/OT	18,1	100	0,020	

### COPPIA DI CARDINI, SUPERIORE ED INFERIORE, SGANCIO RAPIDO

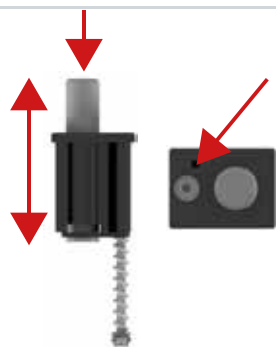


**■ ■** Coppia di cardini, superiore ed inferiore, ad incasso, per scatolato 40x30. Corpo in zama, perni in acciaio zincato. Meccanismo registrabile per lo sgancio dell'anta, per rendere semplice il montaggio e la manutenzione. Lo sgancio è possibile solamente ad anta aperta.

**■ ■** Upper and lower built-in pintle pair for box 40x30. Body in zamak, zincated steel pins. Adjustable mechanism for the release of the door, in order to make easier assembly and maintenance. Release is possible only if the door is open.

**■ ■** Paire de pivots, supérieur et inférieur, à encaissement, pour boîtes 40x30. Corps en zamak, pivots en acier zingué. Mécanisme réglable pour la libération du battant, afin de faciliter l'assemblage et la maintenance. La libération est possible seulement avec le battant ouvert.

COD.				€/pz
TAP16/3AS	100	1	0,654	



Ad anta aperta, inserendo un cacciavite, nell'apposito foro il perno del cardine trasla in verticale permettendo il montaggio/smontaggio dell'anta dal telaio.

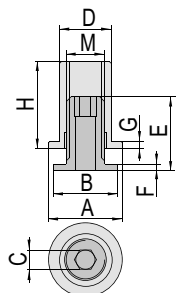
With the open door, inserting a screwdriver, the hinge pin translates vertically into the hole, allowing the door. To be assembled and disassembled from the frame.

Avec la porte ouverte, en insérant un tournevis, l'axe de la charnière se traduit verticalement dans le trou approprié, permettant d'assembler la porté à partir du cadre.

### DISTANZIATORE REGOLABILE IN ACCIAIO ZINCATO

Adjustable spacer in zinked steel

Entretoise en acier zingué



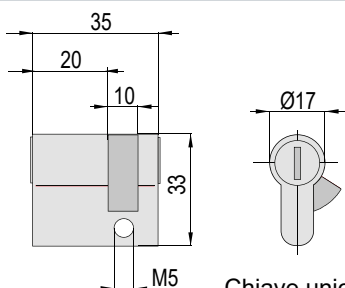
COD.	A	B	C	D	E	F	G	H	M			€/pz
<b>DS20</b>	23	20	6	16	23	2	2	27	M12	100	0,045	
<b>DS30</b>	30	24	10	20	19	2	3,5	19	M16	100	0,038	
<b>DS34</b>	24,5	34	10	20	15	1,5	2	14	M16	100	0,022	

### CILINDRO IN OTTONE NON PASSANTE

Mezzo cilindro di sicurezza 25/10 SECUREMME in ottone cromo satinato. 3 chiavi + 1 chiave cantiere, vite di fissaggio

Half safety cylinder SECUREMME 25/10 in satin chrome brass, 3 keys + 1 key yard, set screw.

Demi-cylindre de sûreté 25/10 SECUREMME en laiton chromesatiné. 3 clés + 1 clé du site, vis de fixation.



Chiave unica-Unique key-Clé unique

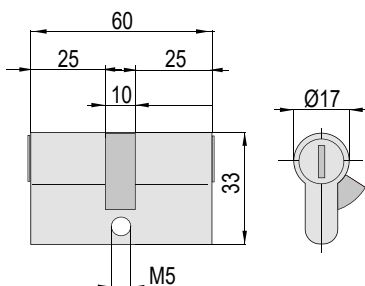
COD.			€/pz
<b>C25/10</b>	1	0,206	
<b>C25/10U</b>	1	0,206	

### CILINDRO IN OTTONE PASSANTE

Cilindro di sicurezza 30/30 SECUREMME in ottone cromo satinato. 3 chiavi + 1 chiave cantiere, vite di fissaggio

Safety cylinder SECUREMME 30/30 in satin chrome brass, 3 keys + 1 key yard, set screw.

Cylindre de sûreté 30/30 SECUREMME en laiton chromesatiné. 3 clés + 1 clé du site, vis de fixation.



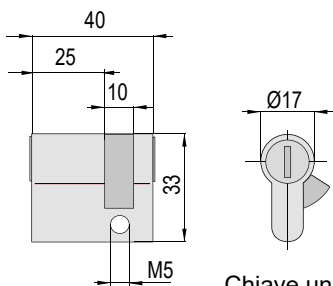
COD.			€/pz
<b>C30/30</b>	1	0,311	

### MEZZO CILINDRO IN OTTONE, PROFILO EUROPEO

Mezzo cilindro di sicurezza 30/10 in ottone cromo satinato. Con 2 chiavi e vite di fissaggio

Half safety cylinder 30/10 in satin chrome brass, 2 keys and set screw.

Demi-cylindre de sûreté 30/10 en laiton chromesatiné. 2 clés et vis de fixation.



Chiave unica-Unique key-Clé unique

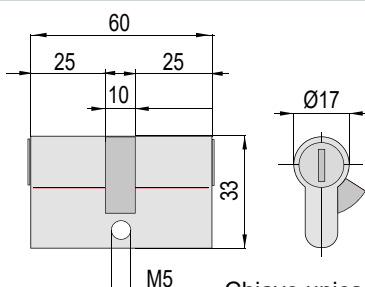
COD.			€/pz
<b>C30/10E</b>	10	0,133	
<b>C30/10U1</b>	10	0,133	

### CILINDRO IN OTTONE PASSANTE

Cilindro di sicurezza 30/30 in ottone cromo satinato. 2 chiavi e vite di fissaggio

Safety cylinder 30/30 in satin chrome brass, 2 keys and set screw.

Cylindre de sûreté 30/30 en laiton chromesatiné. 2 clés et vis de fixation.



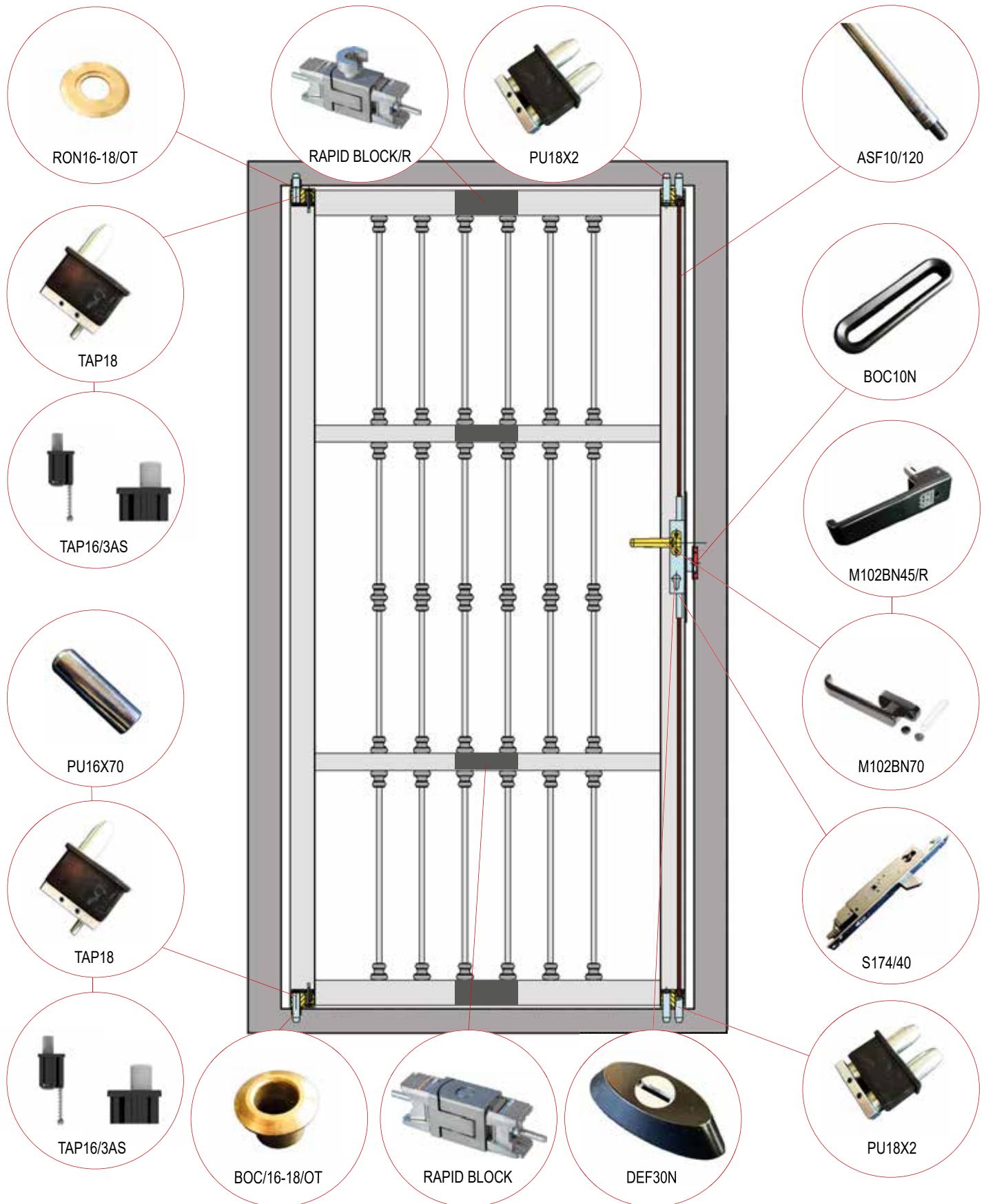
Chiave unica-Unique key-Clé unique

COD.			€/pz
<b>C30/30U1</b>	10	0,182	

■ ■ Accessori per inferriate di sicurezza a battente

🇬🇧 Security swing grilles accessories

■ ■ Accessoires pour grilles de sécurité à battant







# ACCESSORI PER CANCELLI SCORREVOLI

🇮🇹 RUOTE, GUIDE, OLIVE E CREMAGLIERE

🇬🇧 WHEEL, TRACKS, ROLLER AND RACKS

🇫🇷 GALETS, RAILS, OLIVE ET CRÉMAILLERES







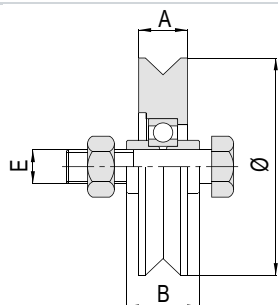
# RUOTE IN ACCIAIO

IN ACCIAIO A 1 - 2 CUSCINETTI

IN STEEL WITH 1 - 2 BEARINGS

EN ACIER AVEC 1 - 2 COUSSINETS

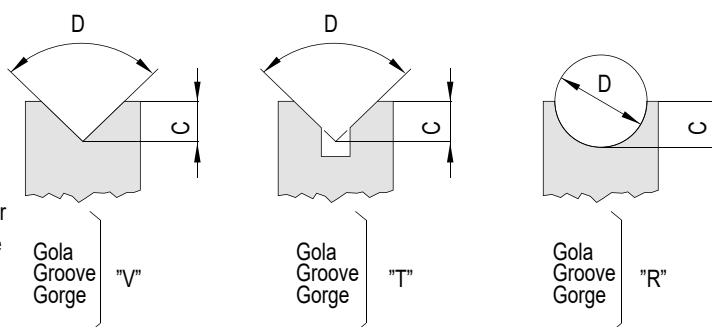
## RUOTE IN ACCIAIO ZINCATO A 1 CUSCINETTO



Ruota in acciaio zincato a 1 cuscinetto.  
Bullone, dado e distanziatori in acciaio zincato  
Wheel in zinked steel, with 1 bearing.  
Bolt, spacers and nut in zinked steel  
Galet en acier zingué à 1 coussinet.  
Boulon, entretoises et écrou zingué

COD.	A	B	C		D		E	Ø	KG	KG	KG	€/pz	
R2001-40	12	16	4	/	4	92°	/	8	M8	40	150	14	0,100
R2001-50	17	24	5	4	5	92°	92°	10	M10	50	200	12	2,230
R2001-60	17	24	5	5	5	92°	92°	10	M10	60	200	12	0,310
R2001-70	20	33	7	7	8	92°	92°	16	M14	70	300	10	0,515
R2001-80	20	33	7	7	8	92°	92°	16	M14	80	300	10	0,685
R2501-80	25	33	9	9	10	92°	92°	20	M14	80	300	8	0,700
R2001-90	20	33	7	7	8	92°	92°	16	M14	90	300	8	0,885
R2001-100	20	33/43	7	7	8	92°	92°	16	M14	100	300	8	1,100
R2501-100	25	33/43	9	9	10	92°	92°	20	M14	100	300	8	1,150
R2001-120	20	33/43	7	7	8	92°	92°	16	M14	120	300	6	1,580
R2501-120	25	33/43	9	9	10	92°	92°	20	M14	120	300	4	1,650
R2501-140	25	43	9	9	10	92°	92°	20	M14	140	300	2	2,390
R2501-160	25	43	9	9	10	92°	92°	20	M14	160	300	2	3,750
R2501-180	25	43	9	9	10	92°	92°	20	M14	180	300	2	4,750
R2501-200	25	43	9	9	10	92°	92°	20	M14	200	300	2	5,950

All'ordine specificare il tipo di gola  
Groove to be specified on the order  
Indiquer la gorge sur la commande



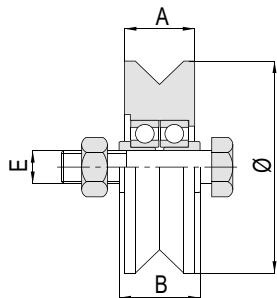
Le ruote di diametro 100 e 120 mm possono essere montate su scatolati di spessore 40 e 50 mm, grazie ad una doppia serie di distanziali.

The 100 and 120 mm diameter wheels can be used on 40 and 50 mm thick boxes, thanks to a double series of spacers.

Les galets de diamètre 100 et 120 mm peuvent être montés sur des boîtes de 40 et 50 mm d'épaisseur, e à une double série d'entretoises.

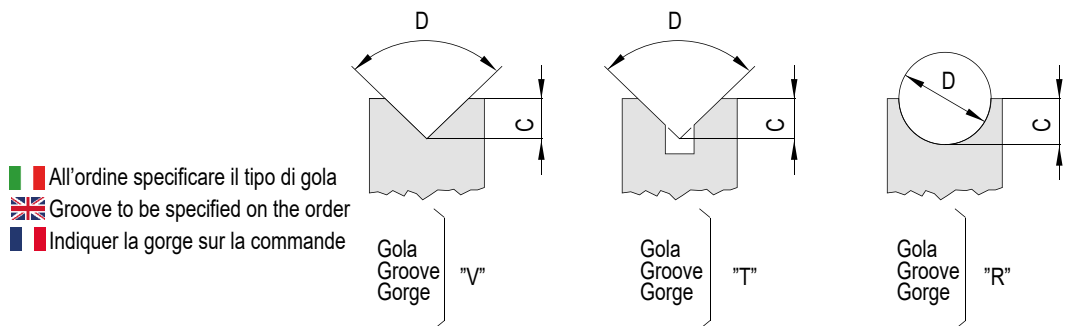
Ø Ruota Ø Wheel Ø Roulement	Spessore scatolato Box thickness Épaisseur de la boîte
40	20
50 - 60	30
70 - 80 - 90	40
100 - 120	40 - 50
140 - 160 180 - 200	50

## RUOTE IN ACCIAIO ZINCATO A 2 CUSCINETTI



■ ■ Ruota in acciaio zincato a 2 cuscinetti.  
 Bullone, dado e distanziatori in acciaio zincato  
■ ■ Wheel in zinked steel, with 2 bearings.  
 Bolt, spacers and nut in zinked steel  
■ ■ Galet en acier zingué à 2 coussinets.  
 Boulon, entretoises et écrou zingué

COD.	A	B	C			D			E	Ø	KG	KG	KG	€/pz
<b>R2002-80</b>	30	33	10	10	10	92°	92°	20	M14	80	600	8	0,900	
<b>R2002-90</b>	30	33	10	10	10	92°	92°	20	M14	90	600	8	1,225	
<b>R2002-100</b>	30	33/43	10	10	10	92°	92°	20	M14	100	600	8	1,550	
<b>R2002-120</b>	30	33/43	10	10	10	92°	92°	20	M14	120	600	4	2,265	
<b>R2002-140</b>	30	43	10	10	10	92°	92°	20	M14	140	600	2	3,140	
<b>R2002-160</b>	30	43	10	10	10	92°	92°	20	M14	160	600	2	4,200	
<b>R2002-180</b>	30	43	10	10	10	92°	92°	20	M14	180	600	2	5,370	
<b>R2002-200</b>	30	43	10	10	10	92°	92°	20	M14	200	600	2	6,785	



■ ■ Le ruote di diametro 100 e 120 mm possono essere montate su scatolati di spessore 40 e 50 mm, grazie ad una doppia serie di distanziali.

■ ■ The 100 and 120 mm diameter wheels can be mounted on 40 and 50 mm thick boxes, thanks to a double series of spacers.

■ ■ Les galets de diamètre 100 et 120 mm peuvent être montés sur des boîtes de 40 et 50 mm d'épaisseur, grâce à une double série d'entretoises.

Ø Ruota Ø Wheel Ø Roulement	Spessore scatolato Box thickness Épaisseur de la boîte
80 - 90	40
100 - 120	40 - 50
140 - 160 180 - 200	50



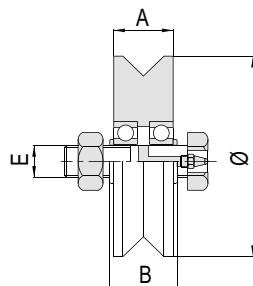
# RUOTE CON INGRASSATORE

IN ACCIAIO ZINCATO A 2 CUSCINETTI CON INGRASSATORE

IN ZINKED STEEL WITH 2 BEARINGS AND GREASE NIPPLE

EN ACIER ZINGUÉ AVEC 2 COUSSINETS ET GRAISSEUR

## RUOTE IN ACCIAIO ZINCATO A 2 CUSCINETTI



Ruota in acciaio zincato a 2 cuscinetti.

Bullone, dado e distanziatori in acciaio zincato

Wheel in zinked steel, with 2 screened bearings.

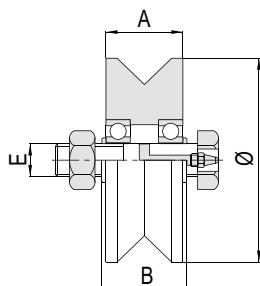
Bolt, spacers and nut in zinked steel

Galet en acier zingué à 2 coussinets blindés.

Boulon, entretoises et écrou zingué

COD.	A	B	C			D		E	Ø	KG	KG	KG	€/pz
R2008-80	30	34	10	10	10	92°	92°	20	M16	80	600	8	0,890
R2008-90	30	34	10	10	10	92°	92°	20	M16	90	600	8	1,210
R2008-100	30	34	10	10	10	92°	92°	20	M16	100	600	6	1,525
R2008-120	30	34	10	10	10	92°	92°	20	M16	120	600	4	2,250
R2008-140	30	34	10	10	10	92°	92°	20	M16	140	600	2	3,160
R2008-160	30	34	10	10	10	92°	92°	20	M16	160	600	2	4,205

## RUOTE MAGGIORATE IN ACCIAIO ZINCATO A 2 CUSCINETTI



Con ingrassatore

Oversized wheel in zinked steel, with 2 bearings.

Grease nipple

Galet sur dimensionnée en acier zingué à 2 coussinets.

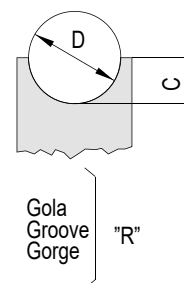
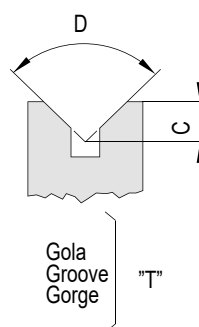
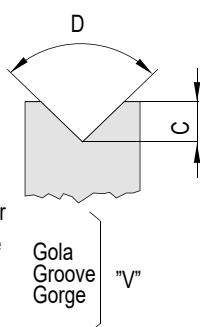
Avec graisseur

COD.	A	B	C			D		E	Ø	KG	KG	KG	€/pz
R2009-80	38	42	13	/	13	92°	/	26	M16	80	800	8	1,070
R2009-100	38	42	13	13	13	92°	92°	26	M16	100	800	6	1,830
R2009-120	38	42	13	13	13	92°	92°	26	M16	120	800	4	2,700
R2009-140	38	42	13	13	13	92°	92°	26	M16	140	800	2	3,790
R2009-160	38	42	13	13	13	92°	92°	26	M16	160	800	2	5,275
R2009-180	38	42	13	13	13	92°	92°	26	M16	180	800	2	6,370
R2009-200	38	42	13	13	13	92°	92°	26	M16	200	800	2	8,130
R2009-250	38	44	13	13	13	92°	92°	26	M20	250	800	2	12,95

All'ordine specificare il tipo di gola

Groove to be specified on the order

Indiquer la gorge sur la commande





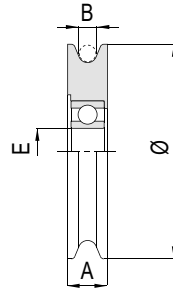
# RUOTE PER FUNE (BASCULANTI)

IN ACCIAIO ZINCATO A 1 CUSCINETTO PER FUNE (BASCULANTI)

IN ZINKED STEEL WITH 1 BEARING FOR ROPES

EN ACIER ZINGUÉ AVEC 1 COUSSINET POUR CABLE

## RUOTE IN ACCIAIO ZINCATO A 1 CUSCINETTO



Wheel in zinked steel, with 1 bearing for ropes

Galet en acier zingué à 1 coussinets, pour cable

COD.	A	B	C	Ø	KG	KG	KG	€/pz
R2013/R-60	13	6	12	60	100	12	0,170	
R2013/R-80	13	6	12	80	150	12	0,365	

# RUOTE CON SUPPORTO ESTERNO

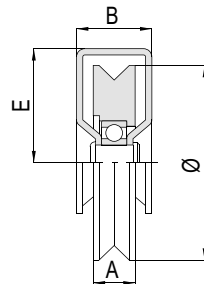
IN ACCIAIO ZINCATO A 1 CUSCINETTO CON SUPPORTO ESTERNO

IN ZINKED STEEL WITH 1 BEARING AND EXTERNAL SUPPORT

EN ACIER ZINGUE AVEC 1 COUSSINET SUPPORT EXTERIEUR



## RUOTE IN ACCIAIO ZINCATO A 1 CUSCINETTO CON SUPPORTO

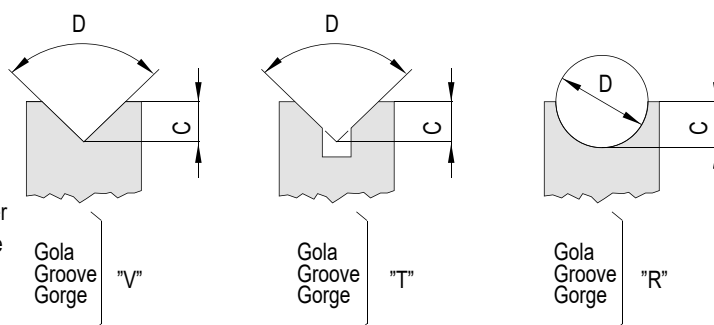


Wheel in zinked steel, with 1 screened bearing, external zinked support

Galet en acier zingué à 1 coussinet blindé, avec support extérieur zingué

COD.	A	B	C			D		E	Ø	KG	KG	KG	€/pz
R2003-50	17	25	5	5	5	92°	92°	10	35,5	50	300	18	0,326
R2003-60	17	25	5	5	5	92°	92°	10	35,5	60	300	18	0,406
R2003-70	20	36	7	7	8	92°	92°	16	57	70	300	8	0,740
R2003-80	20	36	7	7	8	92°	92°	16	57	80	300	8	0,925
R2003-90	20	36	7	7	8	92°	92°	16	57	90	300	8	1,120
R2003-100	20	36	7	7	8	92°	92°	16	57	100	300	6	1,300

All'ordine specificare il tipo di gola  
Groove to be specified on the order  
Indiquer la gorge sur la commande





# RUOTE CON SUPPORTO A PIASTRA

IN ACCIAIO A 1 - 2 CUSCINETTI CON SUPPORTO A PIASTRA

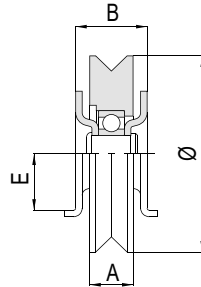
IN STEEL WITH 1 - 2 BEARINGS WITH PLATE SUPPORT

EN ACIER AVEC 1 - 2 COUSSINETS AVEC SUPPORT A PLAQUE

## RUOTE IN ACCIAIO ZINCATO A 1 CUSCINETTO

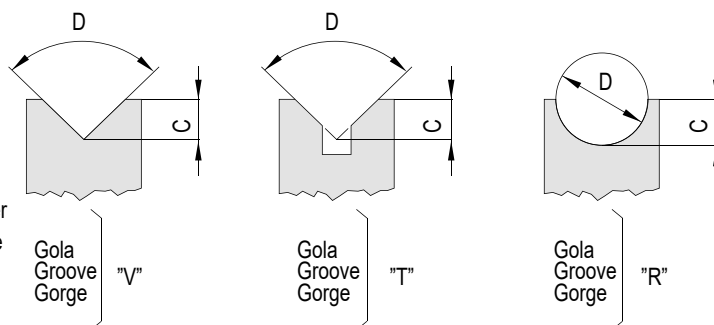
Wheel in zinked steel, with 1 bearing bolt, zinked plate support

Galet en acier zingué à 1 coussinet, avec support plaque zingué



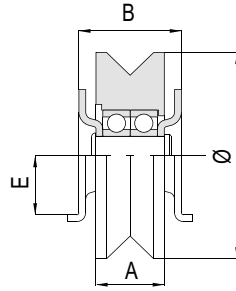
COD.	A	B	C			D		E	∅	KG	KG	KG	€/pz
R2004-50	17	24	3,5	3,5	3,5	92°	92°	10	22,5	50	200	20	0,240
R2004-60	17	24	5	5	5	92°	92°	10	22,5	60	200	20	0,325
R2004-70	20	33	7	7	8	92°	92°	16	26	70	300	8	0,635
R2004-80	20	33	7	7	8	92°	92°	16	26	80	300	8	0,805
R2504-80	24	34	/	/	9	/	/	20	30	80	300	8	0,810
R2004-90	20	33	7	7	8	92°	92°	16	26	90	300	8	0,995
R2004-100	20	33	7	7	8	92°	92°	16	26	100	300	6	1,200
R2504-100	24	34	/	/	9	/	/	20	30	100	300	6	1,240
R2004-120	20	33	7	7	8	92°	92°	16	35	120	300	4	1,870
R2504-120	24	34	/	/	9	/	/	20	38	120	300	4	1,890
R2004-140	20	33	7	7	8	92°	92°	16	35	140	300	4	2,485
R2504-140	24	34	/	/	9	/	/	20	38	140	300	4	2,510

All'ordine specificare il tipo di gola  
Groove to be specified on the order  
Indiquer la gorge sur la commande





RUOTE IN ACCIAIO ZINCATO A 2 CUSCINETTI

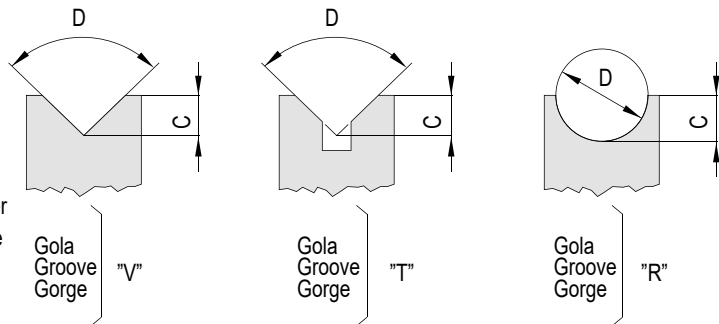


Wheel in zinked steel, with 2 bearings and zinked plate support

Galet en acier zingué à 2 coussinets, avec support à plaque zingué

COD.	A	B	C		D		E	Ø	KG	KG	€/pz	
R2005/T-90	30	45	/	10	/	92°	/	26	90	600	4	1,365
R2005-90	25	38	10	/	10	92°	/	20,5	29	88	4	0,964
R2005-100	30	45	10	10	/	92°	92°	26	100	600	4	1,550
R2005/R-100	25	38	/	/	10	/	/	20,5	29	98	4	1,338
R2005-120	30	45	10	10	10	92°	92°	20	35	120	2	2,570
R2005-140	30	45	10	10	10	92°	92°	20	35	140	2	3,490

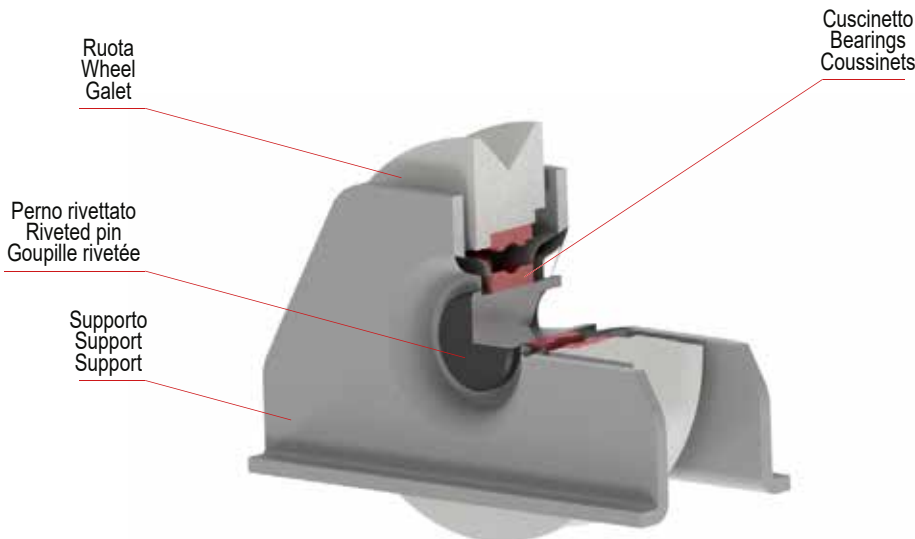
All'ordine specificare il tipo di gola  
 Groove to be specified on the order  
 Indiquer la gorge sur la commande



Esempio sezione ruota

Wheel section

Section du galet





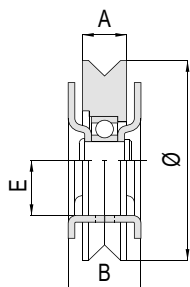
# RUOTE CON SUPPORTO INTERNO

IN ACCIAIO A 1 - 2 CUSCINETTI CON SUPPORTO INTERNO

IN STEEL WITH 1 - 2 BEARINGS AND INTERNAL SUPPORT

EN ACIER AVEC 1 - 2 COUSSINETS AVEC SUPPORT INTERIEUR

## RUOTE IN ACCIAIO ZINCATO A 1 CUSCINETTO

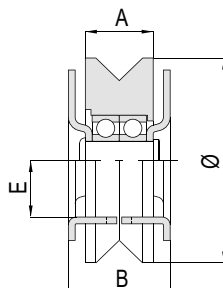


Wheel in zinked steel, with 1 bearing internal zinked support

Galet en acier zingué à 1 coussinet, avec support interieur zingué

COD.	A	B	C		D		E	Ø	KG	KG	KG	€/pz	
R2006-70	20	32	7	/	8	92°	/	16	16,5	70	300	8	0,635
R2006/T-70	20	32	/	7	/	/	92°	/	11	68	300	8	0,606
R2006/T-80	20	32	/	7	/	/	92°	/	16,5	80	300	8	0,810
R2006-80	20	32	7	/	8	92°	/	16,5	10	78	300	8	0,799
R2006-90	20	32	/	7	8	/	92°	16	26,5	90	300	8	1,000
R2006/V-90	20	34	7	/	/	92°	/	/	20	88	300	8	1,022
R2006-100	20	32	7	7	8	92°	92°	16	26,5	100	300	6	1,210
R2006-120	20	32	7	7	8	92°	92°	16	32	120	300	4	1,900
R2006-140	20	32	7	7	8	92°	92°	16	41,5	140	300	4	2,515

## RUOTE IN ACCIAIO ZINCATO A 2 CUSCINETTI

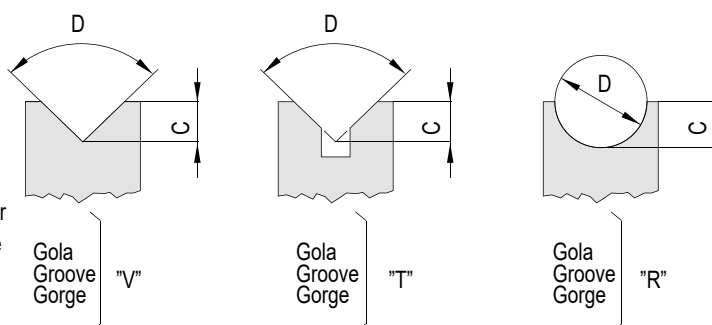


Wheel in zinked steel, with 2 bearing internal zinked support

Galet en acier zingué à 2 coussinets, avec support interieur zingué

COD.	A	B	C		D		E	Ø	KG	KG	KG	€/pz	
R2007-80	30	44	10	10	10	92°	92°	20	16,5	80	600	4	1,190
R2007-90	30	44	10	10	10	92°	92°	20	26,5	90	600	4	1,380
R2007/V-100	30	44	10	/	/	92°	/	/	26,5	100	600	4	1,690
R2007-100	25	33	/	10	10	/	92°	20,5	21	98	600	4	1,473
R2007-120	30	44	10	10	10	92°	92°	20	31	120	600	4	2,620
R2007-140	30	44	10	10	10	92°	92°	20	41	140	600	2	3,535

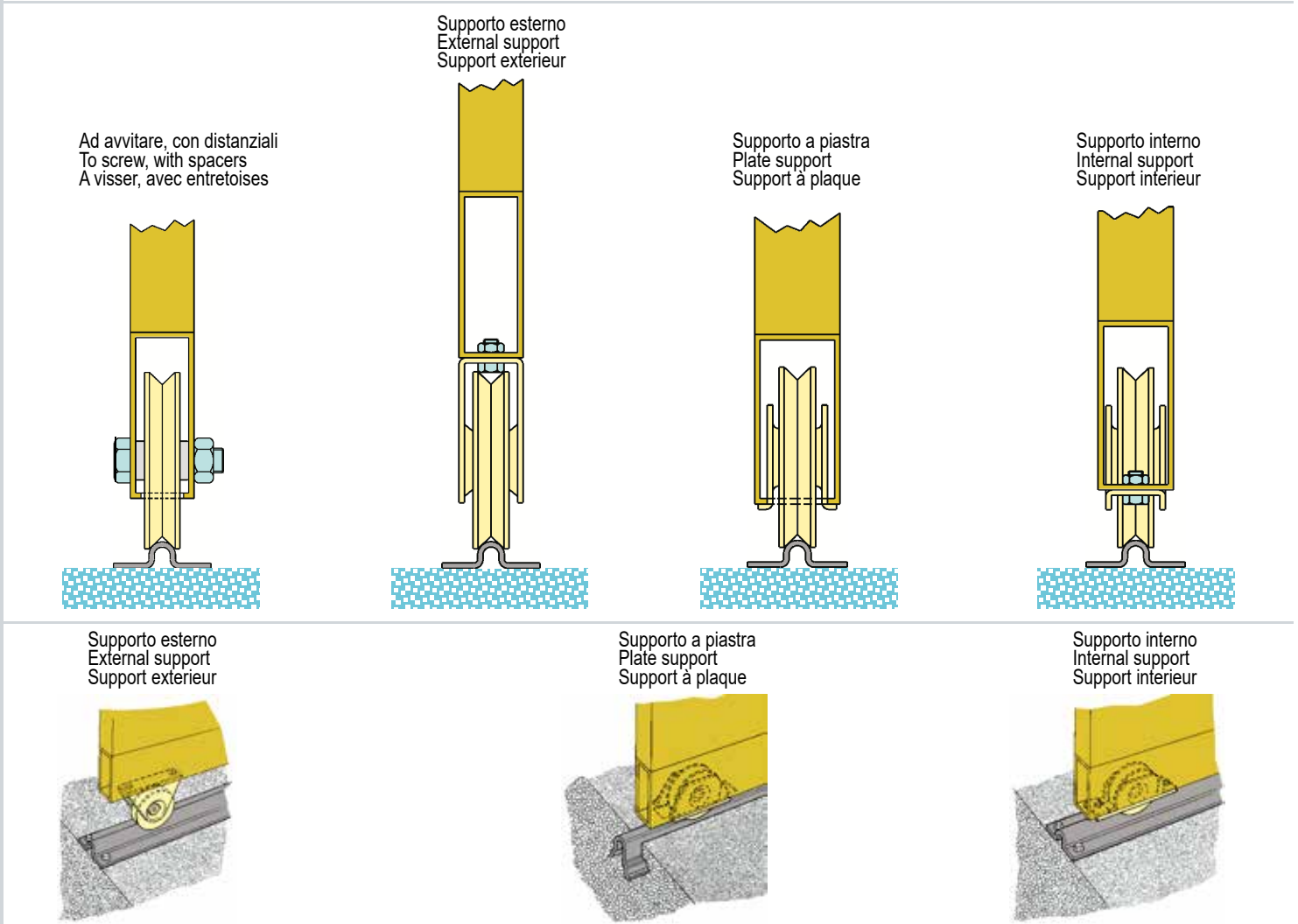
All'ordine specificare il tipo di gola  
Groove to be specified on the order  
Indiquer la gorge sur la commande



**Tipologia di supporti**

**Support types**

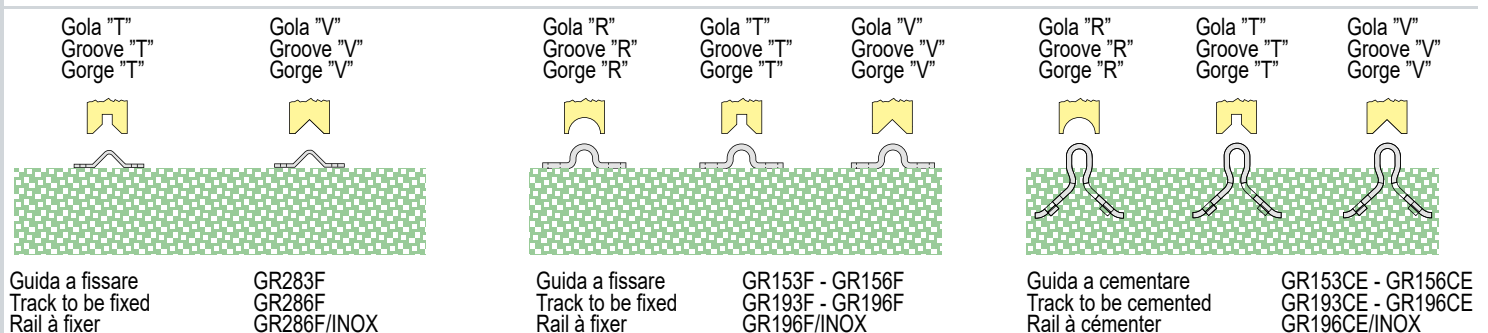
**Types de supports**



**Tipologia di gole e profili**

**Groove and profile types**

**Types de gorges et profiles**



🇮🇹 Tabella accoppiamento ruote - guide

🇬🇧 Table of corresponding wheels - tracks

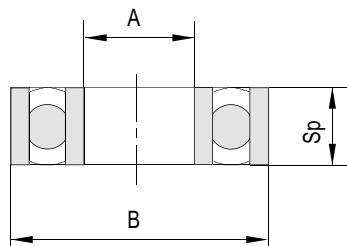
🇫🇷 Tableau galets - guides correspondantes

COD.	GR283F GR286F GR286F/INOX	GR153F GR156F	GR193F GR196F GR196F/INOX	GR153CE GR156CE	GR193CE GR196CE GR196CE/INOX
R2001-70 ÷ 200	X	X		X	
R2002-80 ÷ 200			X		X
R2003-70 ÷ 100	X	X		X	
R2004-70 ÷ 140	X	X		X	
R2005-90 ÷ 140			X		X
R2006-70 ÷ 140	X	X		X	
R2007-80 ÷ 140			X		X
R2008-80 ÷ 160			X		X
R2009-80 ÷ 250			X (No gola R)		X
R2501-80 ÷ 140			X		X
R12501-80 ÷ 120			X		X
R12506-80 ÷ 120			X		X
R12002-100 ÷ 160			X		X
R12007-120 ÷ 160			X		X

### CUSCINETTI A SFERA SCHERMATI IN PLASTICA

🇬🇧 Thrust stamped bearing screened in plastic

🇫🇷 Coussinet moulé en plastique



COD.	A	B	Sp			€/pz
<b>6000.2RS</b>	10	26	8	100	0,019	
<b>6201.2RS</b>	12	32	10	100	0,035	
<b>6202.2RS</b>	15	35	11	100	0,044	
<b>6203.2RS</b>	17	40	12	100	0,065	
<b>6204.2RS</b>	20	47	14	90	0,106	
<b>6205.2RS</b>	25	52	15	90	0,121	



# GUIDE

■ GUIDE RUOTE PER CANCELLI SCORREVOLI

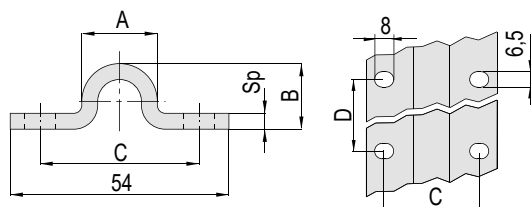
🇬🇧 WHEEL TRACKS FOR SLIDING GATES

■ RAILS POUR GALETS POUR PORTAILS COULISSANTS

## GUIDA A FISSAGGIO AL SUOLO IN ACCIAIO ZINCATO CON ASOLE

🇬🇧 Ground fixing track in zinked steel with slots

■ Rail en acier zingué, à fixer au sol, avec trous oblongs, pour les galets des portails coulissants

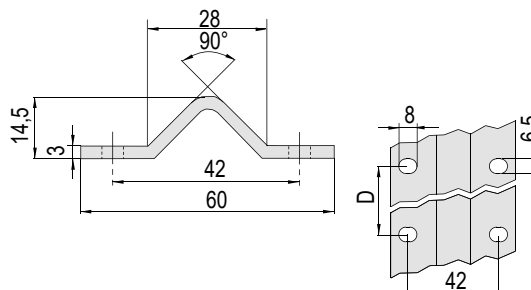


COD.	A	B	C	D	Sp			€/m
GR153F	15	15	40	980	3	18x3m (54m)	1,668	
GR156F	15	15	40	990	3	9x6m (54m)	1,668	
GR193F	19	16,5	39	980	3	14x3m (42m)	2,200	
GR196F	19	16,5	39	990	3	7x6m (42m)	2,200	

## GUIDA A FISSAGGIO AL SUOLO IN ACCIAIO ZINCATO CON ASOLE

🇬🇧 Ground fixing track in zinked steel with slots

■ Rail en acier zingué, à fixer au sol, avec trous oblongs, pour les galets des portails coulissants

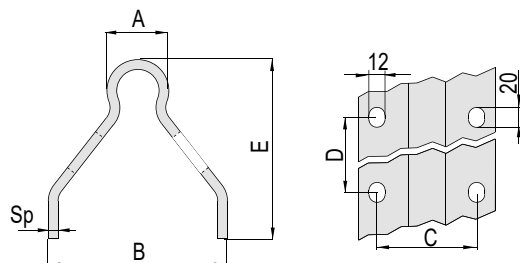


COD.	Gola Groove Gorge	D			€/m
GR283F		980	18x3 (54m)	1,540	
GR286F		980	9x6m (54m)	1,540	

## GUIDA A CEMENTARE IN ACCIAIO CON ASOLE E BUGNE

🇬🇧 Track in zinked steel, to be cemented, with slots

■ Rail en acier zingué, à cimenter, avec trous oblongs, pour les galets des portails coulissants



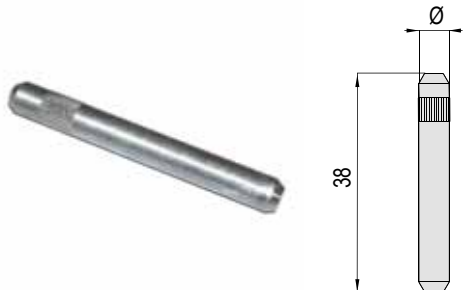
COD.	A	B	C	D	E	Sp			€/m
GR153CE	15	44	26,5	500	48	3	12x3m (36m)	2,650	
GR156CE	15	44	26,5	500	48	3	6x6m (36m)	2,650	
GR193CE	19	55	34,5	500	50	3	10x3m (30m)	2,664	
GR196CE	19	55	34,5	500	50	3	5x6m (30m)	2,664	



## PERNO DI GIUNZIONE IN ACCIAIO ZINCATO PER GUIDE AL SUOLO

Connecting pin in zinked steel for tracks

Pivot de jonction en acier zingué pour rails

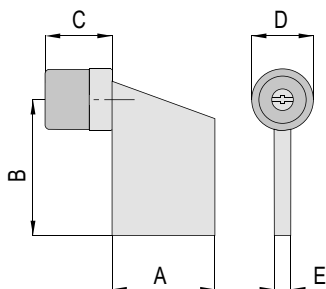


COD.	Guida Track Rail	L	Ø			€/pz
<b>EGP10</b>	GR153CE - GR156CE GR153F - GR156F	80	10	40	0,043	
<b>EGP14</b>	GR193CE - GR196CE GR193F - GR196F	90	14	40	0,109	

## ARRESTO FINECORSA IN ACCIAIO CON PARACOLPO IN GOMMA

Stop in zinked steel with rubber buffer

Butée d'arrêt en acier zingué avec butoir en caoutchouc

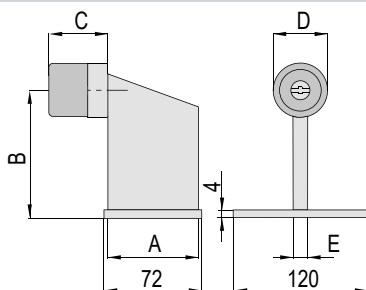


COD.	A	B	C	D	E			€/pz
<b>AF8</b>	50	66	36	30	8	20	0,280	
<b>AF10</b>	70	86	36	30	10	12	0,500	

## ARRESTO FINECORSA CON FISSAGGIO A PAVIMENTO

Stop in zinked steel to be fixed to the floor

Butée d'arrêt en acier zingué avec fixation au sol

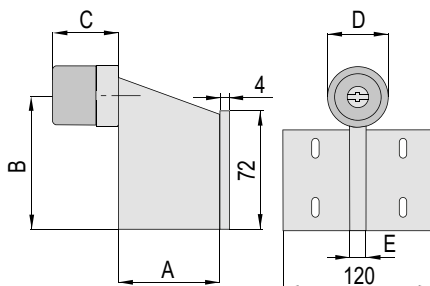


COD.	A	B	C	D	E			€/pz
<b>AF8PAV</b>	50	66	36	30	8	4	0,568	
<b>AF10PAV</b>	70	86	36	30	10	4	0,814	

## ARRESTO FINECORSA CON FISSAGGIO A PARETE

Stop in zinked steel to be fixed on the wall

Butée d'arrêt en acier zingué avec fixation au mur

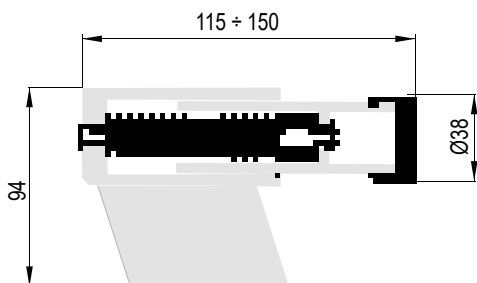


COD.	A	B	C	D	E			€/pz
<b>AF8PAR</b>	50	66	36	30	8	4	0,568	
<b>AF10PAR</b>	70	86	36	30	10	4	0,814	

## ARRESTO FINECORSA CON AMMORTIZZATORE

Stop in zinked steel with shock absorber and rubber buffer

Butée d'arrêt en acier zingué avec amortisseur butoir en caoutchouc



COD.			€/pz
<b>AFA38</b>	5	0,700	



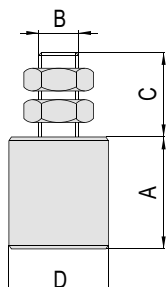
# OLIVE E PIASTRE

🇮🇹 OLIVE E PIASTRE GUIDA SUPERIORE PER CANCELLI SCORREVOLI

🇬🇧 ROLLERS AND PLATES TOP GUIDE FOR SLIDING GATES

🇫🇷 OLIVES ET PLATINES GUIDE SUPÉRIEUR POUR PORTAILS COULISSANTS

## OLIVA CILINDRICA IN NYLON

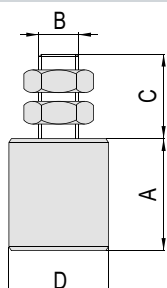


🇬🇧 Nylon cylindrical roller

🇫🇷 Olive cylindrique en nylon

COD.	A	B	C	D			€/pz
O2000/CN26X40	40	M14	30	26	25	0,130	
O2000/CN30X35	35	M14	33	30	25	0,135	
O2000/CN40X45	45	M14	34	40	10	0,205	
O2000/CN40X60	62	M16	41	40	10	0,290	

## OLIVA CILINDRICA IN OTTONE

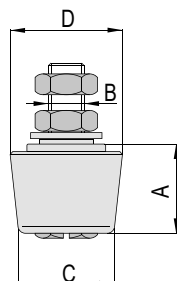


🇬🇧 Brass cylindrical roller

🇫🇷 Olive cylindrique en laiton

COD.	A	B	C	D			€/pz
O2000/CO30X35	35	M14	33	30	25	0,255	
O2000/CO40X45	45	M14	34	40	10	0,530	
O2000/CO40X60	62	M16	41	40	16	0,705	

## OLIVA CONICA IN NYLON

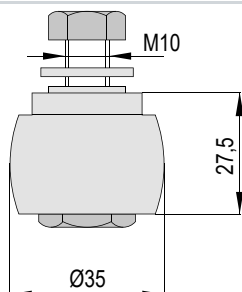


🇬🇧 Nylon conical roller

🇫🇷 Olive conique en nylon

COD.	A	B	C	D			€/pz
O2000/TC30	30	M12	32	38	25	0,130	

## OLIVA BOMBATA IN NYLON

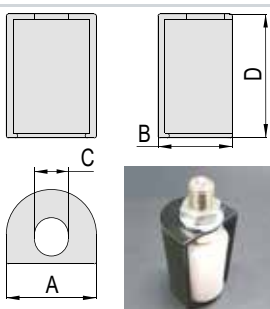


🇬🇧 Nylon convex roller

🇫🇷 Olive bombée en nylon

COD.			€/pz
O2000/B35X27	50	0,090	

## PROTEZIONE PER OLIVA IN NYLON



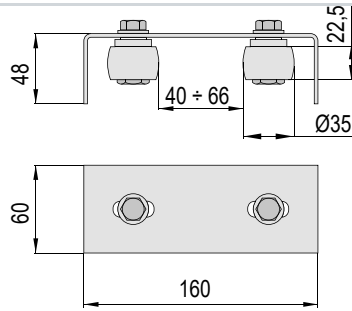
🇬🇧 Protection for nylon roller

🇫🇷 Protection pour olives en nylon

COD.	Oliva Roller Olive	A	B	C	D			€/pz
CAP40X55	02000/CN30X35	40	33	15	55	12	0,016	
	02000/CO30X35							
CAP50X65	02000/CN40X45	50	43	15	65	12	0,025	
	02000/CO40X45							
CAP50X82	02000/CN40X60	50	43	17	82	16	0,031	
	02000/CO40X60							

AD ESAURIMENTO  
TO EXHAUSTION  
A LEPUISSEMENT

**PIASTRA GUIDA SUPERIORE ZINCATA REGISTRABILE A 2 OLIVE (art. O2000/B35x27)**

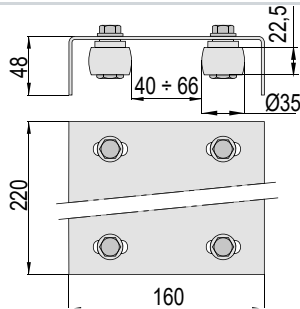


Zinked adjustable plate top guide with 2 convex rollers (art. O2000/B35x27)

Plaque de guidage supérieur réglable avec 2 olives bombées (art. O2000/B35x27)

COD.			€/pz
SO2000/B2	12	0,450	

**PIASTRA GUIDA SUPERIORE ZINCATA REGISTRABILE A 4 OLIVE (art. O2000/B35x27)**

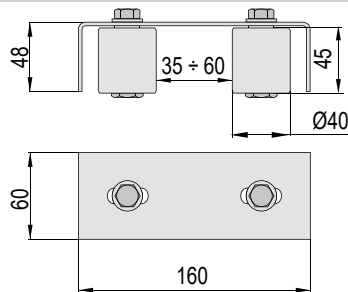


Zinked adjustable plate top guide with 4 convex rollers (art. O2000/B35x27)

Plaque de guidage supérieur réglable avec 4 olives bombées (art. O2000/B35x27)

COD.			€/pz
SO2000/B4	6	1,400	

**PIASTRA GUIDA SUPERIORE ZINCATA REGISTRABILE A 2 OLIVE (art. O2000/CN40x45)**

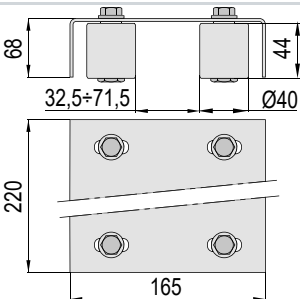


Zinked adjustable plate top guide with 2 cylindrical rollers (art. O2000/CN40x45)

Plaque de guidage supérieur réglable avec 2 olives cylindriques (art. O2000/CN40x45)

COD.			€/pz
SO2000/C2	12	0,560	

**PIASTRA GUIDA SUPERIORE ZINCATA REGISTRABILE A 4 OLIVE (art. O2000/CN40x45)**

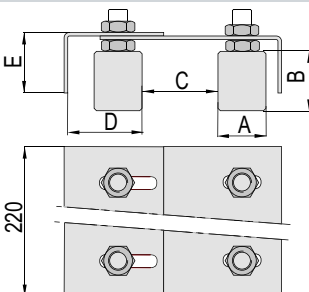


Zinked adjustable plate top guide with 4 cylindrical rollers (art. O2000/CN40x45)

Plaque de guidage supérieur réglable avec 4 olives cylindriques (art. O2000/CN40x45)

COD.			€/pz
SO2000/C4	6	1,625	

**PIASTRA GUIDA SUPERIORE ZINCATA REGISTRABILE A 4 OLIVE**

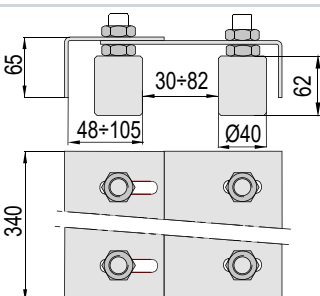


Zinked adjustable plate top guide with 4 cylindrical rollers

Plaque de guidage supérieur réglable avec 4 olives cylindriques

COD.	A	B	C	D	E			€/pz
SO2001	40	45	20 + 62	48 + 69	50	6	2,050	
SO2001/25	30	40	30 + 74	40 + 60	55	6	1,950	

**PIASTRA GUIDA SUPERIORE ZINCATA REGISTRABILE A 4 OLIVE**



Zinked adjustable plate top guide with 4 cylindrical rollers (art. O2000/CN40x60)

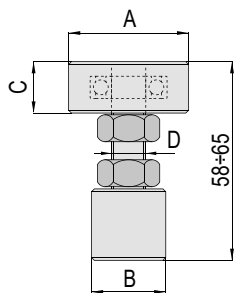
Plaque de guidage supérieur réglable avec 4 olives cylindriques (art. O2000/CN40x60)

COD.			€/pz
SO2002	4	3,880	

### RULLO GUIDA SUPERIORE REGOLABILE CON CUSCINETTO

Zinked steel adjustable top roller with bearing

Rouleau supérieur réglable en acier zingué avec coussinet



COD.	A	B	C	D			€/pz
RGS2000/42	42	26	18	M12	12	0,290	
RGS2000/52	52	26	18	M12	12	0,400	

### GUIDA A RULLO IN NYLON PER CANCELLI, REGOLABILE

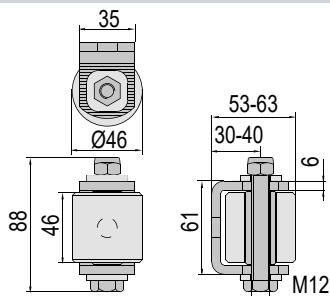
Staffe in acciaio zincato

Adjustable roller guide in nylon for gates.

Bracket in zinked steel

Guide à roulement en nylon pour portails réglables.

Supports en acier zingué

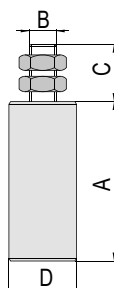


COD.			€/pz
O2000S/CN46X46	10	0,446	

### OLIVA CILINDRICA LUNGA IN NYLON

Long nylon cylindrical roller

Olive longue et cylindrique en nylon



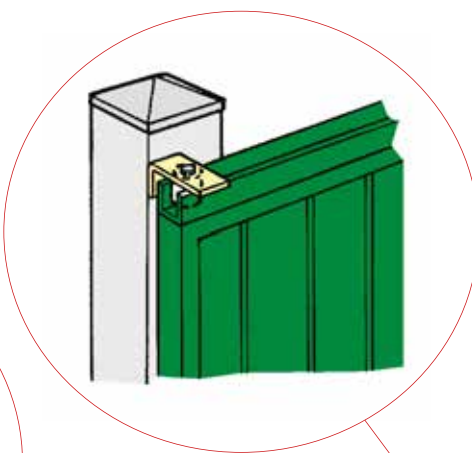
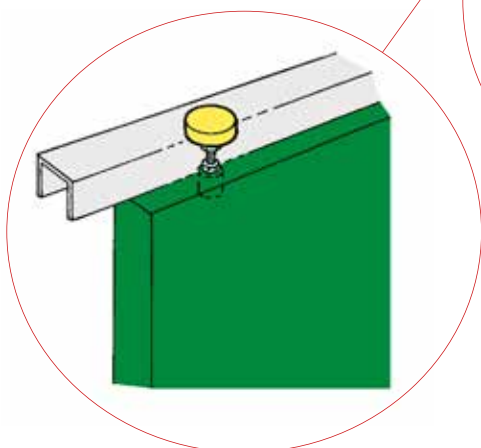
COD.	A	B	C	D			€/pz
O2000/CN40X150	150	M18	45	40	10	0,600	
O2000/CN40X250	250	M18	45	40	10	0,958	

Esempio

Example

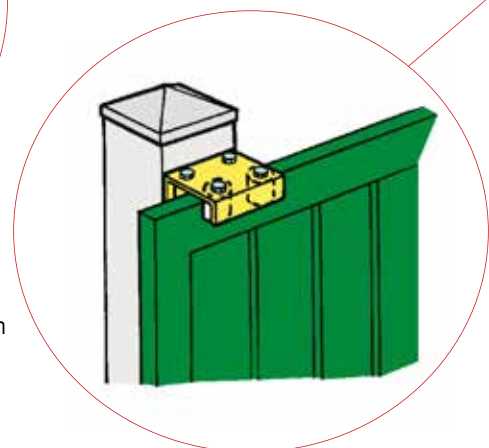
Exemple

Esempio di utilizzo del rullo guida superiore  
Usage example of top guide roller  
Exemple d'utilisation du rouleau réglable supérieur



Esempio di utilizzo delle olive in nylon o ottone  
Usage example of the nylon or brass rollers  
Exemple d'utilisation des olives en nylon ou en laiton

Esempio di utilizzo della piastra guida superiore  
Usage example of the adjustable plate top guide  
Exemple d'utilisation du plaque de guidage supérieure





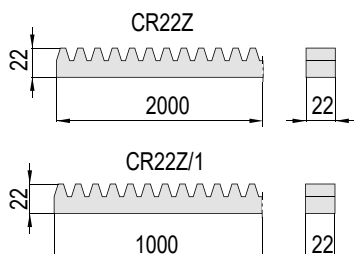
# CREMAGLIERE

■ ■ CREMAGLIERE PER CANCELLI SCORREVOLI

■ ■ RACKS FOR SLIDING GATES

■ ■ CRÉMAILLERES POUR PORTAILS COULISSANTS

## CREMAGLIERA QUADRA 22X22 MODULO 4



■ ■ Per cancelli motorizzati. Non forata in acciaio zincato

■ ■ Square rack 22x22 module 4.

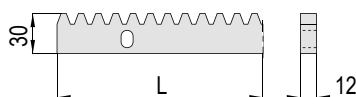
For motorized gates. Not drilled in zinked steel

■ ■ Crémaillère carrée 22x22 module 4.

Pour portails motorisés. Non percé en acier zingué

COD.			€/m
CR22Z	4x2m (8m)	3,000	
CR22Z/1	8x1m (8m)	3,000	

## CREMAGLIERA RETTANGOLARE IN ACCIAIO ZINCATO 30X12 MODULO 4 CON ASOLE

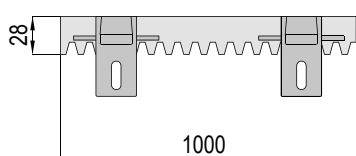


■ ■ Rectangular rack in zinked steel 30x12 module 4 with slot holes for motorized gates

■ ■ Crémaillère rectangulaire et zingué acier 30x12 module 4 avec trous oblongs, pour portails motorisés.

COD.	L			€/m
CR3012ZA	1000	8x1m (8m)	2,400	
CR3012ZA/2	2000	4x2m (8m)	2,400	

## CREMAGLIERA RETTANGOLARE 28X20 MODULO 4



■ ■ Cremagliera rettangolare in poliammide, 28x20 modulo 4, con nucleo in acciaio 10x10 mm, per cancelli motorizzati. 6 punti di fissaggio con asole.

■ ■ Rectangular rack 28x20 module 4.

In polyamide with square core in steel 10x10mm, for motorized gates.

N. 6 fixing points with slot holes

■ ■ Crémaillère rectangulaire 28x20 module 4.

En polyamide avec ame carré en acier 10x10mm, pour portails motorisés. Nr 6 attaques avec trous pour saut inférieur

COD.			€/m
CR2820P	6x1m (6m)	1,350	

## SET DI 10 VITI E PIASTRINE PER CREMAGLIERA CR2820P

■ ■ Set of 10 screws and 10 plates for rack CR2820P

■ ■ Set de 10 vis et 10 platines pour le crémaillère CR2820P



COD.			€/pz
5184100726	1	0,852	

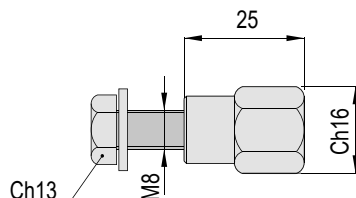
## PIOLO A SALDARE ZINCATO PER CREMAGLIERE

■ ■ Piolo a saldare in acciaio zincato per cremagliere (art. CR3012A, CR3012ZA)

■ ■ Complete stake in zinked steel to be welded for racks (art. CR3012A, CR3012ZA)

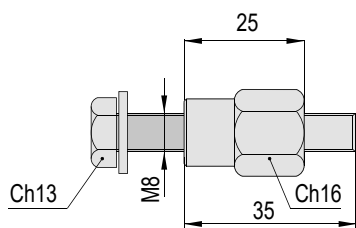
■ ■ Piquet complet en acier zingué, à souder, pour crémaillères (art. CR3012A, CR3012ZA)

COD.			€/pz
PI3012	24	0,055	





## PIOLO AD AVVITARE ZINCATO PER CREMAGLIERE



■ ■ Piolo ad avvitare in acciaio zincato per cremagliere (art. CR3012A , CR3012ZA).

■ Complete stake in zinked steel to be screwed for racks (art. CR3012A , CR3012ZA).

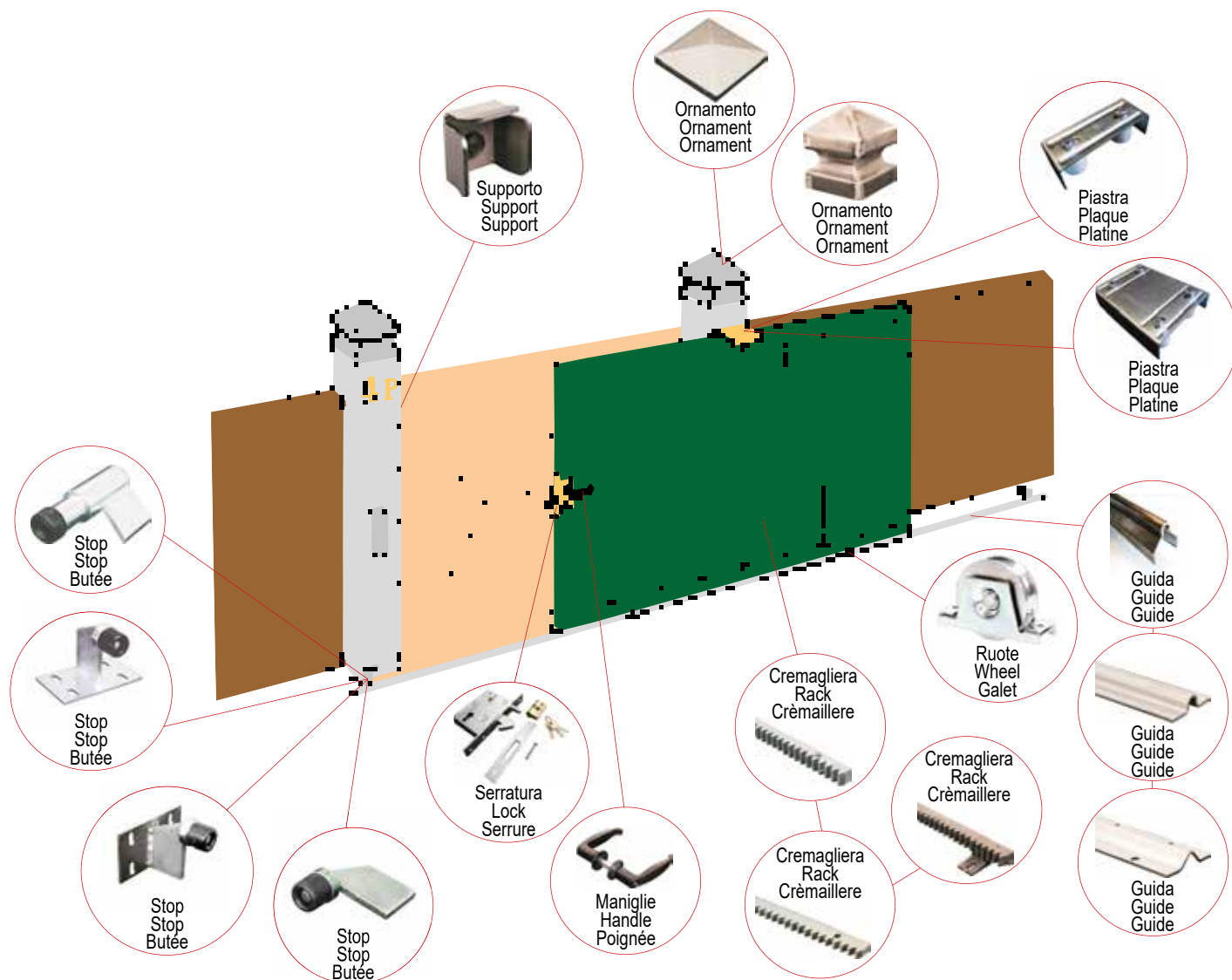
■ ■ Piquet complet en acier zingué, à visser pour crémaillères (art. CR3012A , CR3012ZA).

COD.			€/pz
PI3012A	24	0,050	

■ ■ Accessori per portoni scorrevoli

■ Accessories for sliding gates

■ ■ Accessoires pour portails coulissants





# ACCESSORI PER CANCELLI AUTOPORTANTI

🇮🇹 AEROSILENT PICCOLO, MEDIO E GRANDE

🇬🇧 AEROSILENT SMALL, MEDIUM AND BIG

🇫🇷 AEROSILENT PETIT, MOYEN ET GROS





# AEROSILENT PICCOLO-SMALL-PETIT



Per coppia di carrelli  
For one pair of trolleys  
Pour couple de chariots

■ ■ CARRELLI ED ACCESSORI PER CANCELLI AUTOPORTANTI

■ ■ TROLLEYS AND ACCESSORIES FOR CANTILEVER GATES

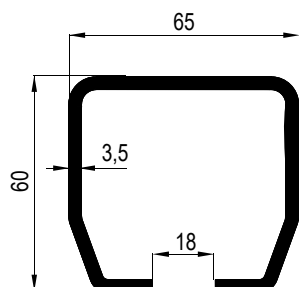
■ ■ CHARIOTS ET ACCESSOIRES POUR PORTAILS AUTOPORTANTS

450

Apertura massima (m)  
Max opening (m)  
Ouverture max (m)

4

## MONOROTAIA IN ACCIAIO ZINCATO

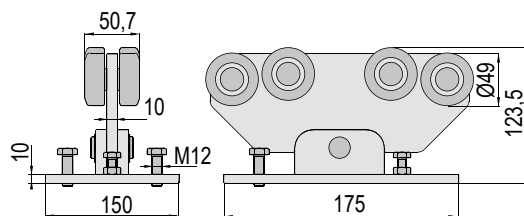


■ ■ Zinked steel rail

■ ■ Monorail en acier zingué

COD.			€/m
G/AP65	3x6m (18m)	5,530	
G/AP65/3	6x3m (18m)	5,530	

## CARRELLO BASCULANTE A 8 RUOTE

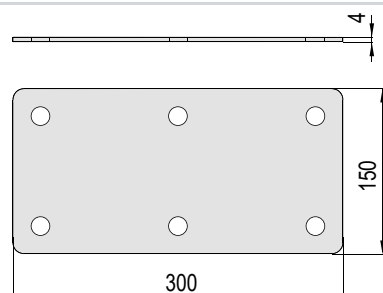


■ ■ Oscillating trolley with 8 wheels

■ ■ Chariot oscillant à 8 galets

COD.			€/pz
CA/AP65	1	7,000	

## CONTROPIASTRA PER CARRELLO

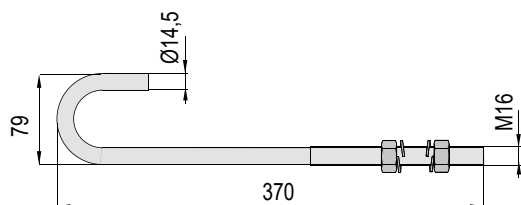


■ ■ Counterplate for trolley in zinked steel

■ ■ Contreplaque pour chariot en acier zingué

COD.			€/pz
PIAS/AP6580	1	1,400	

## TIRANTE IN ACCIAIO ZINCATO

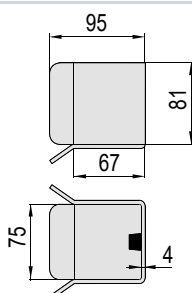


■ ■ Fixing tie rod in zinked steel

■ ■ Tirants de fixation en acier zingué

COD.			€/pz
TIR/16	2	0,550	

## INCONTRO PER MONOROTAIA

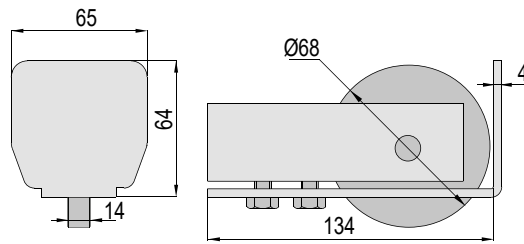


■ ■ Cup for rail in zinked steel

■ ■ Butée pour rail en acier zingué

COD.			€/pz
BAS75Z	1	1,000	

### SUPPORTO DI SOSTEGNO CON RUOTA

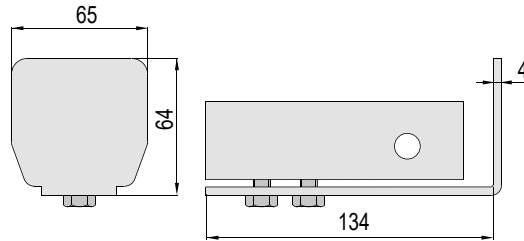


End stopper with wheel in zinked steel

Butée d'extrémité avec roue en acier zingué

COD.			€/pz
TAP/65R	1	1,100	

### SUPPORTO DI SOSTEGNO SENZA RUOTA

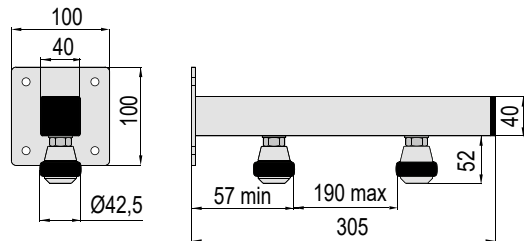


End stopper without wheel

Butée d'extrémité sans roue

COD.			€/pz
TAP/65	1	0,600	

### STAFFA CON OLIVE REGISTRABILI



Counterplate with adjustable olives in nylon

Contreplaque olives réglables en nylon

COD.			€/pz
SO2000/AP2	2	1,400	

AD ESURIMENTO  
 O EXHAUSTION  
 A EPUISEMENT





# AEROSILENT MEDIO-MEDIUM-MOYEN

- CARRELLI ED ACCESSORI PER CANCELLI AUTOPORTANTI
- TROLLEYS AND ACCESSORIES FOR CANTILEVER GATES
- CHARIOTS ET ACCESSOIRES POUR PORTAILS AUTOPORTANTS



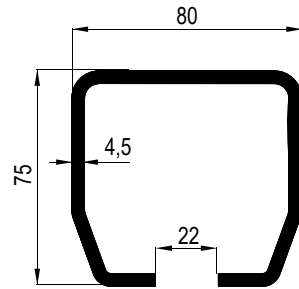
Per coppia di carrelli  
For one pair of trolleys  
Pour couple de chariots

600

Apertura massima (m)  
Max opening (m)  
Ouverture max (m)

6

## MONOROTAIA IN ACCIAIO ZINCATO

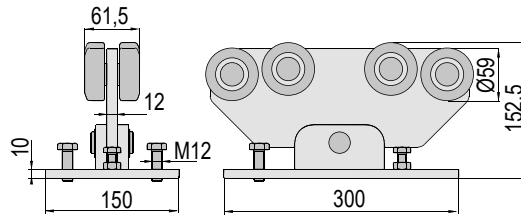


■ Zinked steel rail

■ Monorail en acier zingué

COD.			€/m
G/AP80	2x6m (12m)	8,890	
G/AP80/3	4x3m (12m)	8,890	

## CARRELLO BASCULANTE A 8 RUOTE

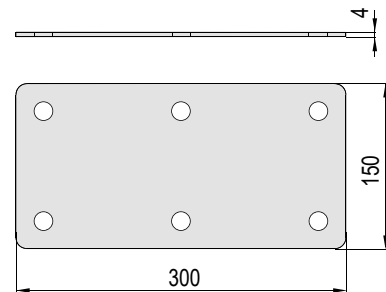


■ Oscillating trolley with 8 wheels

■ Chariot oscillant à 8 galets

COD.			€/pz
CA/AP80	1	10,000	

## CONTROPIASTRA PER CARRELLO

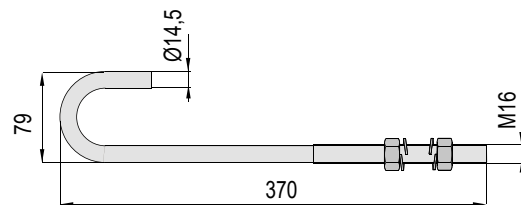


■ Counterplate for trolley in zinked steel

■ Contreplaque pour chariot en acier zingué

COD.			€/pz
PIAS/AP6580	1	1,400	

## TIRANTE IN ACCIAIO ZINCATO

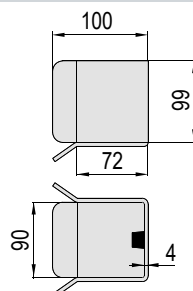


■ Fixing tie rod in zinked steel

■ Tirants de fixation en acier zingué

COD.			€/pz
TIR/16	2	0,550	

## INCONTRO PER MONOROTAIA



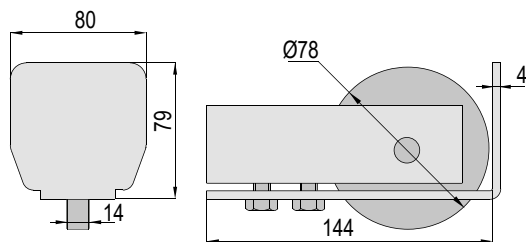
■ Cup for rail in zinked steel

■ Butée pour rail en acier zingué

COD.			€/pz
BAS90Z	1	1,200	



### SUPPORTO DI SOSTEGNO CON RUOTA

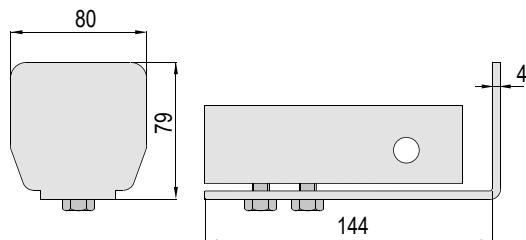


End stopper with wheel in zinked steel

Butée d'extrémité avec roue en acier zingué

COD.			€/pz
TAP/80R	1	1,100	

### SUPPORTO DI SOSTEGNO SENZA RUOTA

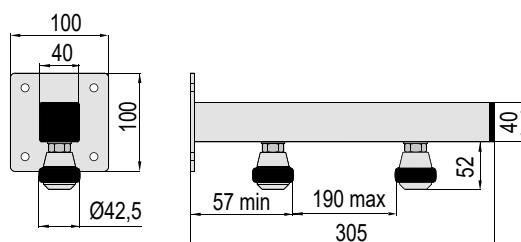


End stopper without wheel

Butée d'extrémité sans roue

COD.			€/pz
TAP/80	1	0,600	

### STAFFA CON OLIVE REGISTRABILI



Counterplate with adjustable olives in nylon

Contreplaque avec olives réglables en nylon

COD.			€/pz
SO2000/AP2	2	1,400	

ADESSURIMENTO  
O  
EQUIPEMENT  
A  
EQUIPEMENT



# AEROSILENT GRANDE-BIG-GROS

■ CARRELLI ED ACCESSORI PER CANCELLI AUTOPORTANTI

■ TROLLEYS AND ACCESSORIES FOR CANTILEVER GATES

■ CHARIOTS ET ACCESSOIRES POUR PORTAILS AUTOPORTANTS



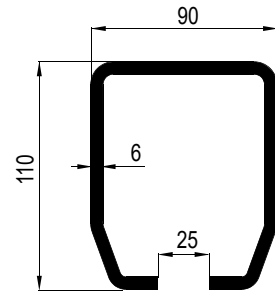
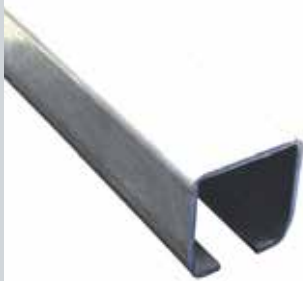
Per coppia di carrelli  
For one pair of trolleys  
Pour couple de chariots

**1000**

Apertura massima (m)  
Max opening (m)  
Ouverture max (m)

**10**

## MONOROTAIA IN ACCIAIO ZINCATO

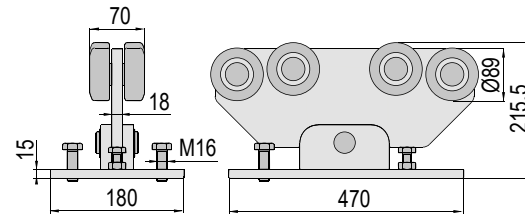


■ Zinked steel rail

■ Monorail en acier zingué

COD.		KG/m	€/m
G/AP90	1x6m (6m)	15,390	
G/AP90/3	2x3m (6m)	15,390	

## CARRELLO BASCULANTE A 8 RUOTE

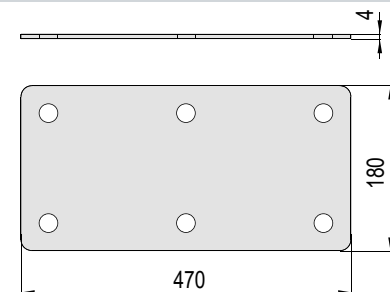


■ Oscillating trolley with 8 wheels

■ Chariot oscillant à 8 galets

COD.		KG	€/pz
CA/AP90	1	27,000	

## CONTROPIASTRA PER CARRELLO

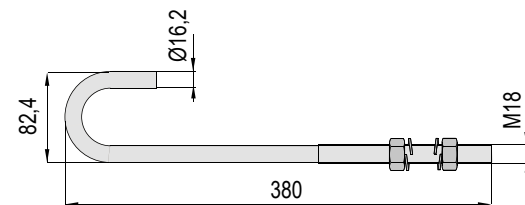


■ Counterplate for trolley in zinked steel

■ Contreplaque pour chariot en acier zingué

COD.		KG	€/pz
PIAS/AP90	1	2,660	

## TIRANTE IN ACCIAIO ZINCATO

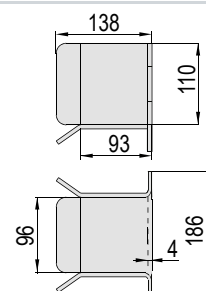
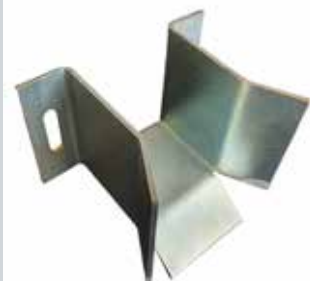


■ Fixing tie rod in zinked steel

■ Tirants en acier zingué

COD.		KG	€/pz
TIR/18	2	0,600	

## INCONTRO PER MONOROTAIA

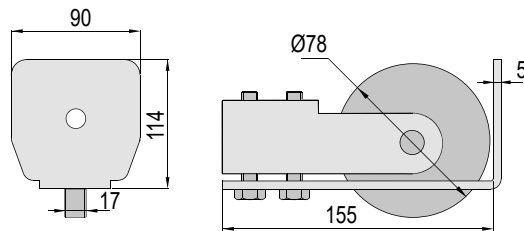


■ Cup for rail in zinked steel

■ Butée pour rail en acier zingué

COD.		KG	€/pz
BAS96Z	1	1,771	

### SUPPORTO DI SOSTEGNO CON RUOTA

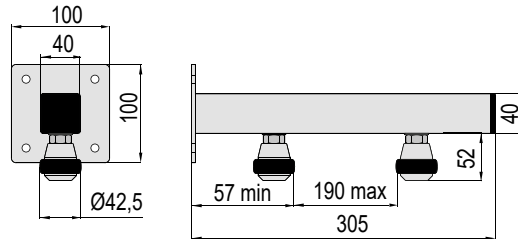


End stopper with wheel in zinked steel

Butée d'extrémité avec roue en acier zingué

COD.			€/pz
TAP/90R	1	1,100	

### STAFFA CON OLIVE REGISTRABILI



Bracket with adjustable olives in nylon

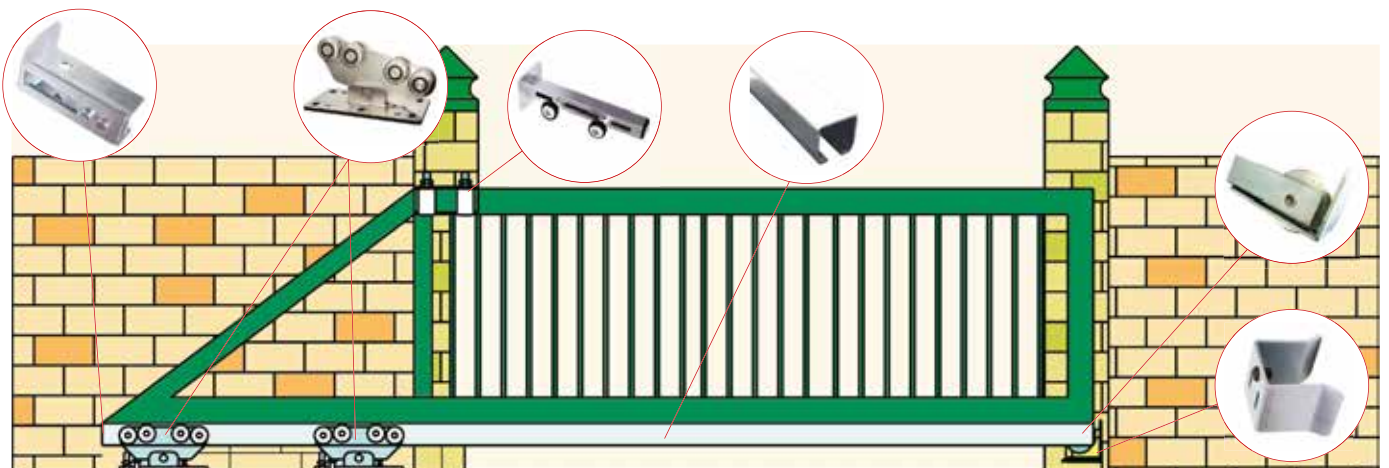
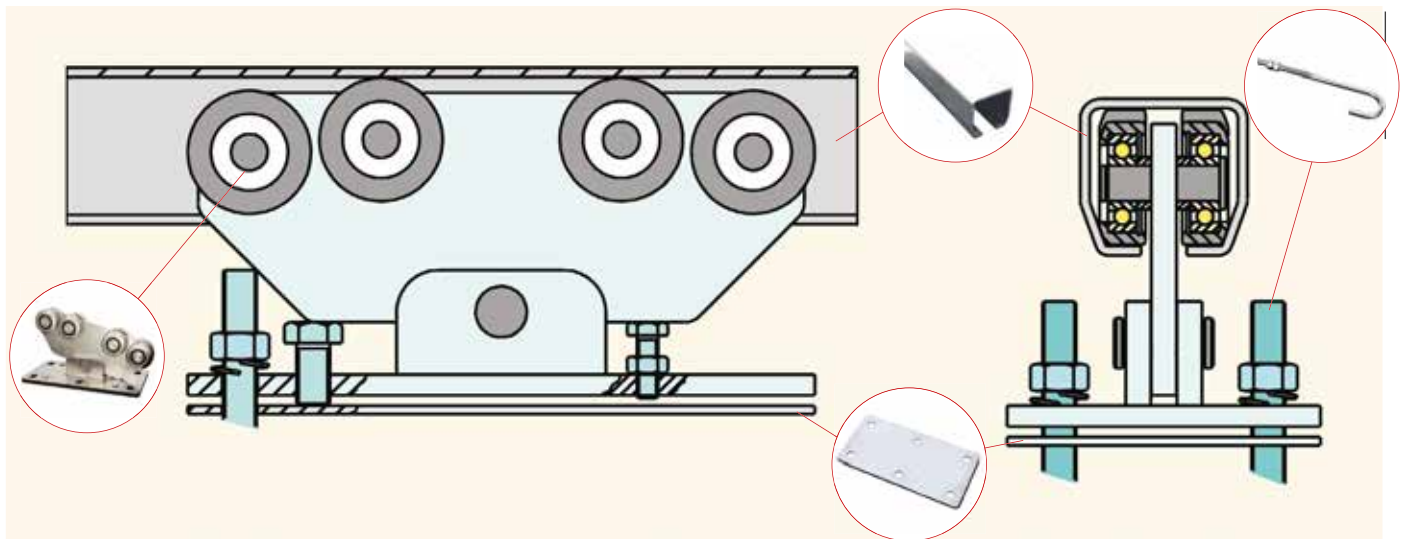
Support avec olives réglables de nylon

COD.			€/pz
SO2000/AP2	2	1,400	

L'applicazione è valida per AEROSILENT piccolo, medio e grande

Application valid for small, medium and big AEROSILENT

L'application est valide pour AEROSILENT petit, moyen et gros





# ACCESSORI PER CANCELLI A BATTENTE

🇮🇹 CARDINI SUPERIORI E INFERIORI

🇬🇧 UPPER AND LOWER PINTLES

🇫🇷 PIVOTS SUPÉRIEURES ET INFÉRIEURES







# CARDINI

■ ■ ■ CARDINI PER CANCELLI

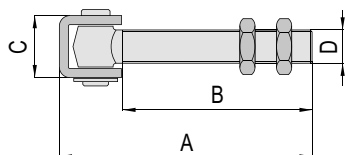
🇬🇧 PINTLES FOR GATES

■ ■ ■ PIVOTS POUR PORTAILS

## CARDINE A CAVALLOTTO REGISTRABILE IN ACCIAIO ZINCATO

🇬🇧 Long bar pintle, in zinked steel

■ ■ ■ Pivot à barre longue, en acier zingué

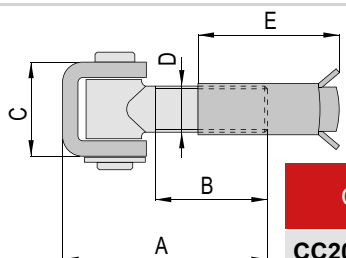


COD.	A	B	C	D	KG		KG	€/pz
CC2000LL/18	175	134	38	M18	65	12	0,502	
CC2000LL/22	204	155	41	M22	100	6	0,784	

## CARDINE A CAVALLOTTO A MURARE REGISTRABILE, ZINCATO

🇬🇧 Pintle to wall, in zinked steel

■ ■ ■ Pivot à murer, en acier zingué

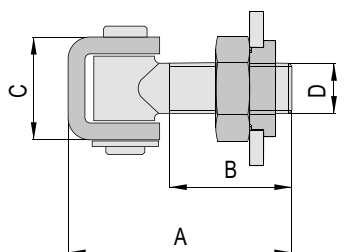


COD.	A	B	C	D	E	KG		KG	€/pz
CC2000LM/18	75	38	38	M18	55	65	12	0,330	
CC2000LM/22	85	46	40	M22	63	100	12	0,500	

## CARDINE A CAVALLOTTO REGISTRABILE IN ACCIAIO ZINCATO

🇬🇧 Pintle to be welded, with horizontal adjustment, in zinked steel

■ ■ ■ Pivot à souder, avec réglage horizontal, en acier zingué

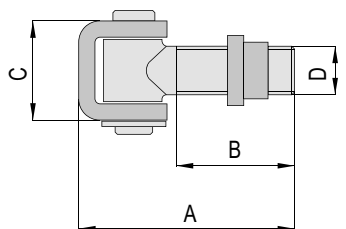


COD.	A	B	C	D	KG		KG	€/pz
CC2000LSR/18	83	43	38	M18	65	12	0,418	
CC2000LSR/20	87	42	43	M20	75	6	0,534	
CC2000LSR/22	87	46	40	M22	100	12	0,608	
CC2000LSR/24	105	57	50	M24	110	6	0,822	

## CARDINE A SALDARE REGISTRABILE IN ACCIAIO ZINCATO

🇬🇧 Pintle to be welded, in zinked steel

■ ■ ■ Pivot à souder, en acier zingué

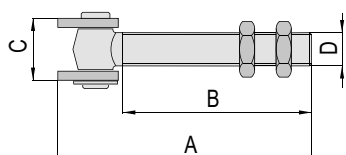


COD.	A	B	C	D	KG		KG	€/pz
CC2000LS/18	83	43	38	M18	65	12	0,332	
CC2000LS/20	87	42	43	M20	75	6	0,438	
CC2000LS/22	87	46	40	M22	100	12	0,608	
CC2000LS/24	105	57	50	M24	110	6	0,704	

## CARDINE AD ALI A BARRA LUNGA REGISTRABILE, ZINCATO

🇬🇧 Wing pintle long bar, in zinked steel

■ ■ ■ Pivot à ailes, à barre longue, en acier zingué



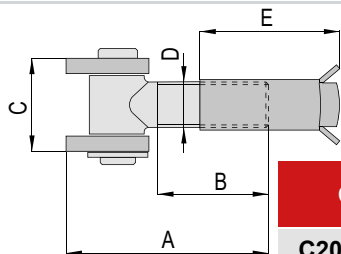
COD.	A	B	C	D	KG		KG	€/pz
C2000LL/16	140	100	44	M16	30	12	0,367	
C2000LL/18	180	138	38	M18	65	12	0,490	
C2000LL/22	205	157	39	M22	100	6	0,750	



### CARDINE AD ALI A MURARE REGISTRABILE IN ACCIAIO ZINCATO

Wing pintle, to wall, in zinked steel

Pivot à ailes, à murer, en acier zingué

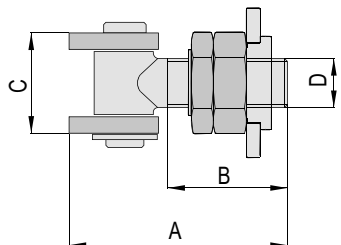


COD.	A	B	C	D	E	KG	KG	KG	€/pz
C2000LM/18	80	38	38	M18	55	65	12	0,320	
C2000LM/22	90	46	40	M22	63	100	12	0,480	

### CARDINE AD ALI A SALDARE REGISTRABILE IN ACCIAIO ZINCATO

Wing pintle, to be welded, with horizontal adjustment, in zinked steel

Pivot à ailes, à souder, avec réglage horizontal, en acier zingué

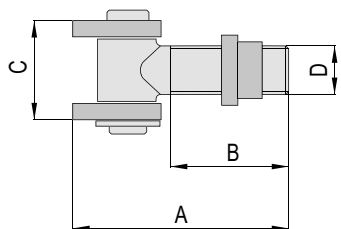


COD.	A	B	C	D	KG	KG	KG	€/pz
C2000LSR/18	80	38	38	M18	65	12	0,470	
C2000LSR/22	90	46	40	M22	100	12	0,580	

### CARDINE AD ALI A SALDARE REGISTRABILE IN ACCIAIO ZINCATO

Wing pintle, to be welded, in zinked steel

Pivot à ailes, à souder, en acier zingué

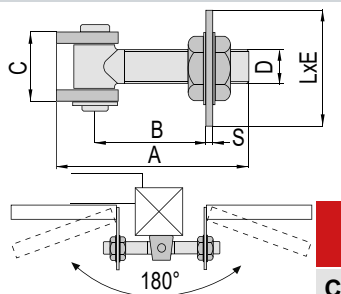


COD.	A	B	C	D	KG	KG	KG	€/pz
C2000LS/18	80	38	38	M18	65	12	0,300	
C2000LS/22	90	46	40	M22	100	12	0,440	

### CARDINE AD ALI A SALDARE REGISTRABILE 180° IN ACCIAIO ZINCATO

Wing pintle, to be welded, 180° adjustment, in zinked steel

Pivot à ailes, à souder, avec réglage de 180°, en acier zingué

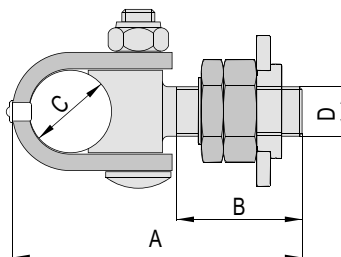


COD.	A	B	C	D	E	L	S	KG	KG	KG	€/pz
C2000LPM/18	125	39-82	38	M18	50	80	8	55	10	0,670	

### CARDINE TONDO A SALDARE REGISTRABILE IN ACCIAIO ZINCATO CON INGRASSATORE

Round clamp pintle, to be welded, with horizontal adjustment, in zinked steel. With grease nipple

Pivot rond à bande, à souder, avec réglage horizontal, en acier zingué. Avec graisseur

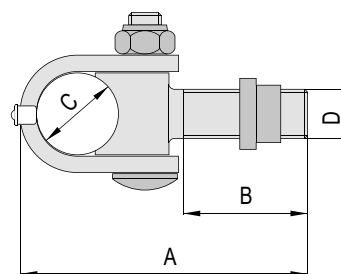


COD.	A	B	C	D	KG	KG	KG	€/pz
CF2000LSR/18	103	46	30	M18	50	12	0,602	
CF2000LSR/22	116	52	35	M22	80	12	0,864	
CF2000LSR/24	132	59	40	M24	120	12	1,180	

### CARDINE TONDO A SALDARE REGISTRABILE IN ACCIAIO ZINCATO CON INGRASSATORE

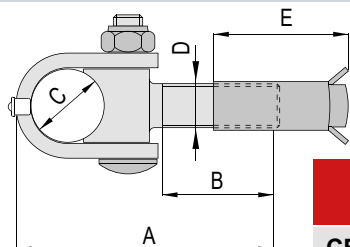
Round clamp pintle, to be welded, in zinked steel. With grease nipple

Pivot rond à bande, à souder, en acier zingué. Avec graisseur



COD.	A	B	C	D	KG	KG	KG	€/pz
CF2000LS/18	103	46	30	M18	50	12	0,470	
CF2000LS/22	116	52	35	M22	80	12	0,710	
CF2000LS/24	132	59	40	M24	120	12	1,050	

CARDINE TONDO A MURARE REGISTRABILE IN ACCIAIO ZINCATO CON INGRASSATORE

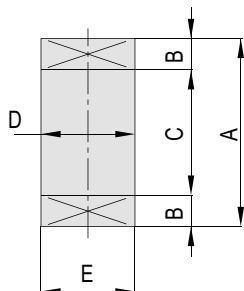


Round clamp pintle, to wall, in zinked steel.  
With grease nipple

Pivot rond à bande, à murer, en acier zingué.  
Avec graisseur

COD.	A	B	C	D	E	KG	KG	KG	€/pz
CF2000LM/18	103	46	30	M18	55	50	12	0,495	
CF2000LM/22	116	52	35	M22	63	80	12	0,750	

TRONCHETTO DI GIUNZIONE A SALDARE PER CARDINI TONDI

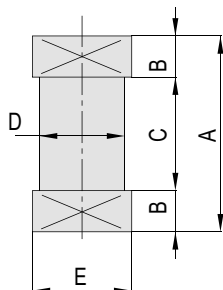


Int element, to be welded, in steel for round clamp pintles

Bout de jonction, à souder, en acier pour pivots ronds à bande

COD.	A	B	C	D	E	KG	KG	€/pz
TCS/18-30	60	10	40	30	30	12	0,355	
TCS/22-35	69	12	45	35	35	12	0,555	
TCS/24-40	80	15	50	40	40	12	0,872	

TRONCHETTO DI GIUNZIONE A SALDARE PER CARDINI TONDI

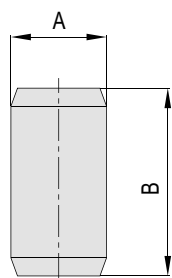


Int element, to be welded, in steel for round clamp pintles

Bout de jonction, à souder, en acier pour pivots ronds à bande

COD.	A	B	C	D	E	KG	KG	€/pz
TCS/18-35	69	14,5	40	30	35	12	0,495	
TCS/22-40	80	17,5	45	35	40	12	0,780	
TCS/24-50	80	15	50	40	50	12	1,085	

PERNO DI GIUNZIONE A SALDARE PER CARDINI TONDI

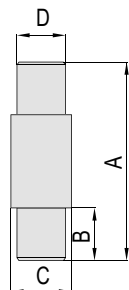


Connection pin, to be welded, in steel for round clamp pintles

Broche de connexion, à souder, en acier pour pivots ronds à bande

COD.	A	B	KG	KG	€/pz
PCS/18	30	50	12	0,260	
PCS/22	35	55	12	0,400	
PCS/24	40	77	12	0,690	

PERNO DI GIUNZIONE AD INSERIMENTO PER CARDINI TONDI



Connection pin, to be inserted, in steel for round clamp pintles

Broche de connexion, à enfile, en acier pour pivots ronds à bande

COD.	A	B	C	D	KG	KG	€/pz
PCI/18	110	30	30	24	12	0,480	
PCI/22	115	30	35	29	10	0,710	
PCI/24	130	30	40	34	10	1,121	

PIASTRA REGISTRABILE ORIZZONTALE IN ACCIAIO ZINCATO

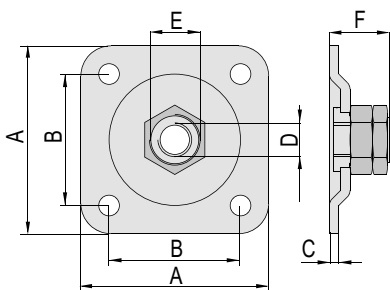


Plate with horizontal adjustment in zinked steel

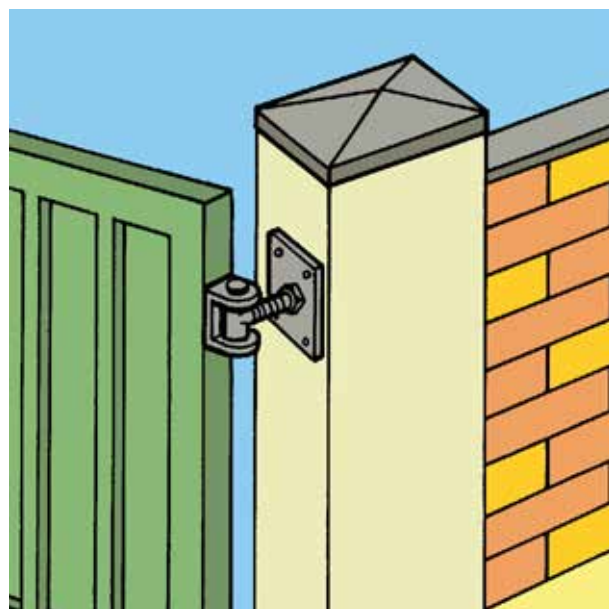
Plaque avec réglage horizontal en acier zingué

COD.	A	B	C	D	E	F	KG	KG	KG	€/pz
PR/18	100	70	5	M18	M27	32	65	12	0,454	
PR/20	100	70	5	M20	M30	32	75	12	0,510	
PR/22	100	70	5	M22	M30	32	100	12	0,494	
PR/24	100	70	5	M24	M33	32	110	12	0,530	

■ Esempio applicazione cardini con piastra registrabile

■ Example of pintles application with plate adjustment

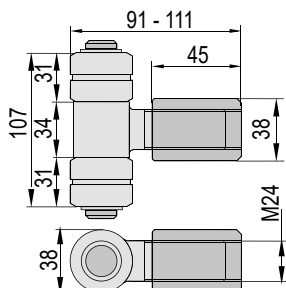
■ Exemple d'application pivots avec plaque réglable



**CARDINE A SALDARE CON REGISTRAZIONE ORIZZONTALE IN ACCIAIO**

■ Pintle to be welded, with horizontal adjustment, in steel

■ Pivot à souder, avec réglage horizontal, en acier

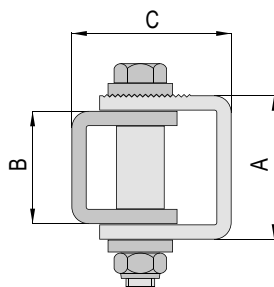


COD.	KG	KG	KG	€/pz
CS2000LR/24	150	10	0,500	

**CARDINE SNODATO REGISTRABILE PICCOLO / GRANDE**

■ Little and big articulated pintle, with horizontal adjustment, in zinked steel

■ Petit et grand pivot articulé, avec réglage horizontal, en acier zingué

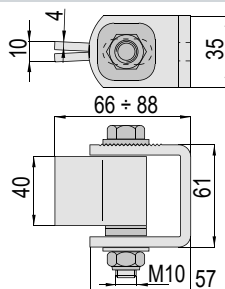


COD.	A	B	C	KG	KG	KG	€/pz
CR4430	45	31	62+68	50	10	0,385	
CR6547	65	49	62+68	100	6	0,550	

**CARDINE SNODATO GRANDE REGISTRABILE SU CUSCINETTO**

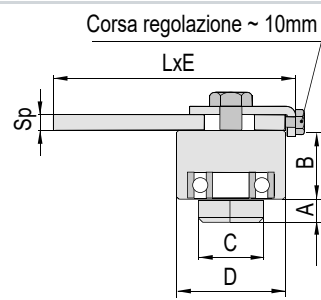
■ Big articulated pintle, with horizontal adjustment, in zinked steel, on thrust bearings ball

■ Grand pivot articulé, avec réglage horizontal, en acier zingué, sur coussinet à billes



COD.	KG	KG	KG	€/pz
CR6140	100	5	0,550	

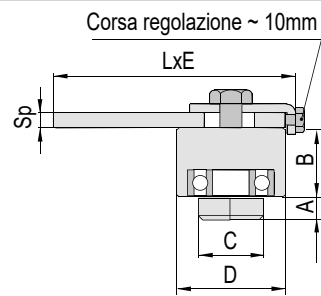
**CARDINE SUPERIORE REGISTRABILE CON CUSCINETTO E TAPPO IN PLASTICA**



Upper pintle in zinked steel, with horizontal adjustment, with thrust bearing and cap  
 Pivot supérieur en acier zingué, à réglage horizontal, avec coussinet et bouchon

COD.	A	B	C	D	E	L	Sp	KG		KG	€/pz
<b>C2000R/45</b>	10,5	33	30	45	45	123	8	150	10	0,798	
<b>C2000R/50</b>	10,5	32	30	50	50	123	7	200	8	0,852	
<b>C2000R/65</b>	13,5	36	35	65	65	123	8	300	4	1,470	

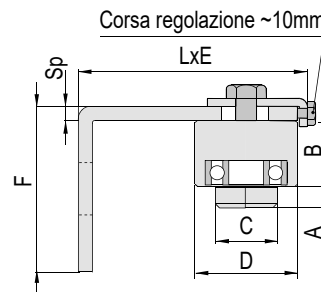
**CARDINE SUPERIORE REGISTRABILE CON CUSCINETTO E TAPPO IN PLASTICA**



Upper pintle in zinked steel, with horizontal adjustment, with thrust bearing and cap  
 Pivot supérieur en acier zingué, à réglage horizontal, avec coussinet et bouchon

COD.	A	B	C	D	E	L	Sp	KG		KG	€/pz
<b>C2000R/70</b>	13,5	26	30	70	70	127	10	300	4	1,256	
<b>C2000R/120</b>	11,7	39	58	120	120	210	12	700	1	5,000	

**CARDINE SUPERIORE REGISTRABILE CON CUSCINETTO E TAPPO IN PLASTICA**

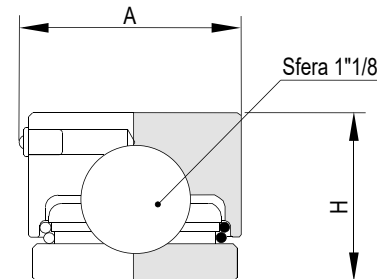


Upper pintle in zinked steel, with horizontal adjustment, with thrust bearing and cap

Pivot supérieur en acier zingué, à réglage horizontal, avec coussinet blindé et bouchon

COD.	A	B	C	D	E	F	L	Sp	KG		KG	€/pz
<b>C2000R/50P</b>	10,5	32	30	50	50	60	110	7	180	10	1,000	
<b>C2000R/65P</b>	13,5	36	35	65	65	70	127	8	250	4	1,600	

**CARDINE INFERIORE GIREVOLE CON SFERA ANELLI DI TENUTA E OLIAIORE**

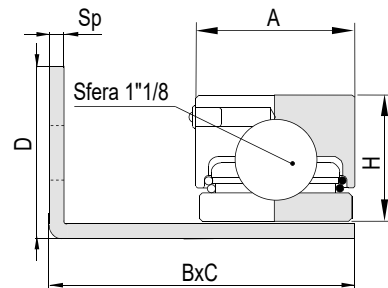


Lower pintle in zinked steel, with ball rollers bearing, grommets oiler

Pivot inférieur tournante en acier zingué, avec boule anneaux d'étanchéité en caoutchouc et graisseur

COD.	A	H	KG		KG	€/pz
<b>P2000/50S</b>	50	40	250	10	0,520	
<b>P2000/65S</b>	65	46	350	4	1,035	

**CARDINE INFERIORE GIREVOLE CON SFERA ANELLI DI TENUTA E OLIAIORE**

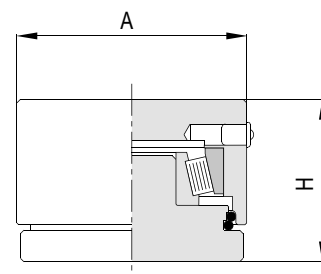


Lower pintle in zinked steel, with ball rollers bearing, grommets oiler

Pivot inférieur en acier zingué, avec anneaux d'étanchéité en caoutchouc et graisseur

COD.	A	B	C	D	H	Sp	KG		KG	€/pz
<b>P2000/50SP</b>	50	100	50	60	40	7	180	10	0,960	
<b>P2000/65SP</b>	65	117	65	70	46	8	250	4	0,795	

**CARDINE INFERIORE GIREVOLE CON CUSCINETTO REGGISPINTA E OLIAIORE**



Lower pintle in zinked steel, with thrust taper rollers bearing, grommets oiler

Pivot inférieur en acier zingué, avec rouleaux coniques, anneaux d'étanchéité en caoutchouc et graisseur

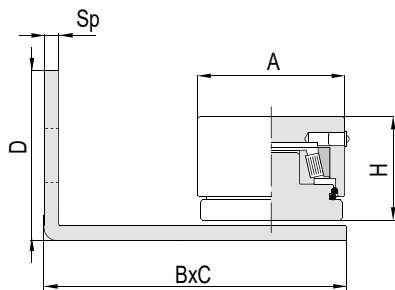
COD.	A	H	KG		KG	€/pz
<b>P2000/45</b>	45	39,5	200	10	0,430	
<b>P2000/50</b>	50	40	250	8	0,520	
<b>P2000/65</b>	65	46	350	4	1,035	
<b>P2000/70</b>	70	46	300	4	1,190	
<b>P2000/120</b>	120	52	700	1	3,500	

Art. C2000R/120 NUOVO PRODOTTO  
Art. C2000R/70 NUOVO PRODOTTO  
Art. C2000R/120 NOUVEAU PRODUIT

Art. P2000/120 NUOVO PRODOTTO  
Art. P2000/50 NUOVO PRODOTTO  
Art. P2000/120 NOUVEAU PRODUIT



### CARDINE INFERIORE GIREVOLE CON CUSCINETTO REGGISPINTA E OLIAIORE

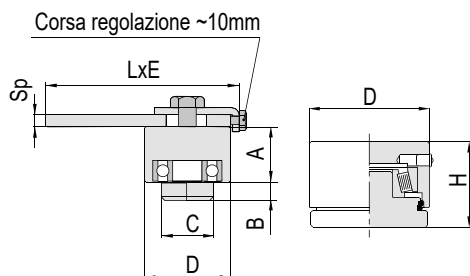


**UK** Lower pintle in zinked steel, with thrust taper rollers bearing, grommets oiler

**FR** Pivot inférieur tournante en acier zingué, avec coussinet à roulement conique, anneaux d'étanchéité en caoutchouc et graisseur

COD.	A	B	C	D	H	Sp	KG	KG	KG	€/pz
P2000/50P	50	100	50	60	40	7	180	10	0,960	
P2000/65P	65	117	65	70	46	8	250	4	0,795	

### KIT CARDINI SUPERIORE E INFERIORE IN ACCIAIO ZINCATO



**FR** Cardine superiore registrabile, con cuscinetto a sfere e tappo in plastica.

Piastra inferiore con cuscinetto reggispinga e oliatore.

**UK** Lower and upper pintles, in zinked steel.

Upper pintle with horizontal adjustment, with ball bearing and cap.

Lower rotating plate, in zinked steel, with thrust taper rollers bearing and oiler.

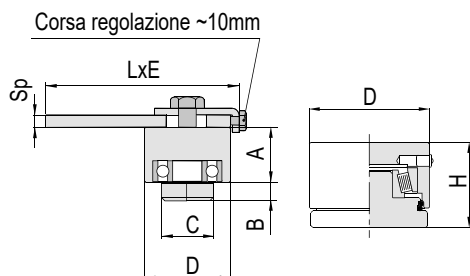
**FR** Couple de pivot, supérieur et inférieur, en acier zingué.

Pivot supérieur en acier zingué, à réglage horizontal, avec coussinet et bouchon.

Plaque tournante inférieure avec coussinet à rouleaux coniques et graisseur.

COD.	A	B	C	D	E	L	H	Sp	KG	KG	KG	€/pz
KIT/CARD/50	10,5	32	30	50	50	123	40	7	250	1	1,380	

### KIT CARDINI SUPERIORE E INFERIORE IN ACCIAIO ZINCATO



**FR** Cardine superiore registrabile, con cuscinetto a sfere e tappo in plastica.

Piastra inferiore con cuscinetto reggispinga e oliatore.

**UK** Lower and upper pintles, in zinked steel.

Upper pintle with horizontal adjustment, with ball bearing and cap. Lower rotating plate, in zinked steel, with thrust taper rollers bearing and oiler.

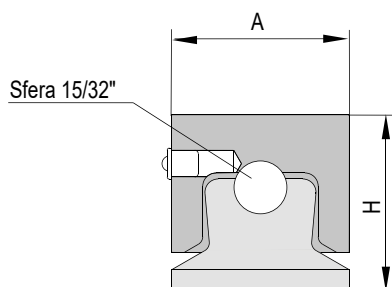
**FR** Couple de pivot, supérieur et inférieur, en acier zingué.

Pivot supérieur en acier zingué, à réglage horizontal, avec coussinet et bouchon.

Plaque tournante inférieure avec coussinet à rouleaux coniques et graisseur.

COD.	A	B	C	D	E	L	H	Sp	KG	KG	KG	€/pz
KIT/CARD/70	13,5	26	30	70	70	127	46	10	300	1	2,390	
KIT/CARD/120	11,7	39	58	120	120	210	52	12	700	1	8,500	

### CARDINE INFERIORE GIREVOLE CON SFERA E OLIAIORE



**FR** Permette oscillazione fino a 4°

**UK** Inferior pintle in zinked steel, with ball and oiler.

Oscilating stop up to 4°

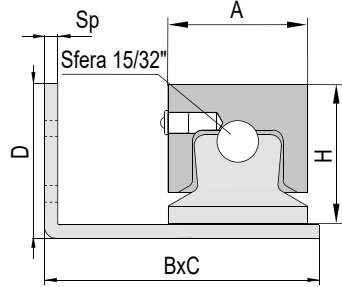
**FR** Pivot inférieur tournante en acier zingué, avec boule, et graisseur. Butée oscillant 4°

COD.	A	H	KG	KG	KG	€/pz
P2000/30S	30	35	60	10	0,180	
P2000/40S	40	40	70	10	0,350	

Art. KIT/CARD/20 NUOVO PRODOTTO  
Art. KIT/CARD/20 NUOVO PRODOTTO  
Art. KIT/CARD/20 NOUVEAU PRODUIT



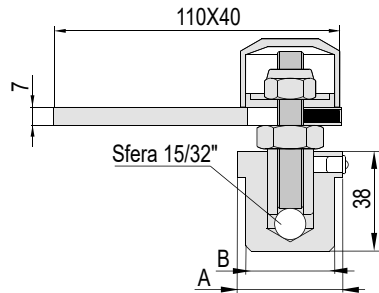
### CARDINE INFERIORE GIREVOLE CON SFERA E OLIAITORE



Permette una oscillazione fino a 4°  
 Lower pintle in zinked steel, with ball and oiler. It allows an oscillation up to 4°  
 Pivot inférieur tournante en acier zingué avec boule, et graisseur. Il permet une oscillation jusqu'au 4°

COD.	A	B	C	D	H	Sp	KG	KG	KG	€/pz
P2000/30SP	30	85	40	60	35	7	55	10	0,480	
P2000/40SP	40	85	40	60	40	7	75	4	0,650	

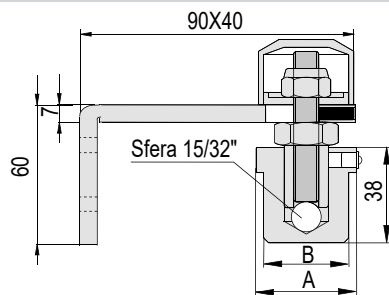
### CARDINE SUPERIORE REGISTRABILE CON SFERA E OLIAITORE



Upper pintle in zinked steel, with vertical adjustment, with ball and oiler  
 Pivot supérieur en acier zingué, à réglage vertical, avec boule et graisseur

COD.	A	B	KG	KG	KG	€/pz
C2000R/30S	30	24	70	10	0,550	
C2000R/40S	40	34	80	4	0,790	

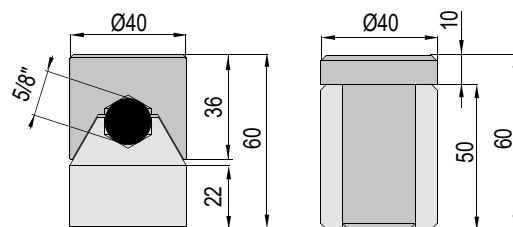
### CARDINE SUPERIORE REGISTRABILE CON SFERA E OLIAITORE



Upper pintle in zinked steel, with vertical adjustment, with ball and oiler  
 Pivot supérieur en acier zingué, à réglage vertical, avec boule et graisseur

COD.	A	B	KG	KG	KG	€/pz
C2000R/30SP	30	24	65	10	0,640	
C2000R/40SP	40	34	75	4	0,880	

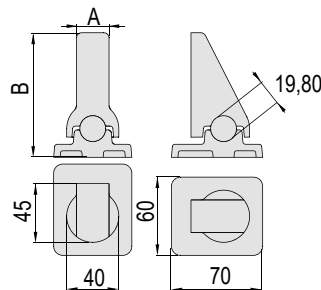
### COPPIA DI CARDINI SUPERIORE E INFERIORE IN ACCIAIO ZINCATO



Cardine inferiore con sfera cementata  
 Lower and upper pintles in zinked steel. Lower pintle with cemented sphere  
 Couple de pivot, supérieur et inférieur, en acier zingué. Pivot inférieur avec bille

COD.	KG	KG	KG	€/pz
P2001/40S	100	10	1,150	

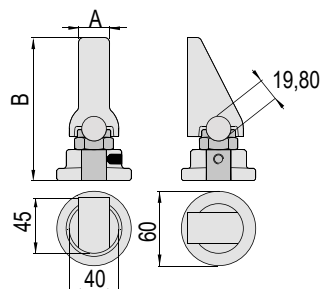
### CARDINE INFERIORE GIREVOLE CON SFERA



Lower pintle in zinked steel, with ball.  
 Pivot inférieur tournante en acier zingué avec boule.

COD.	A	B	KG	KG	KG	€/pz
C2000PS	25	95,5	80	20	1,150	
C2000PS/35	35	100,5	100	20	1,260	

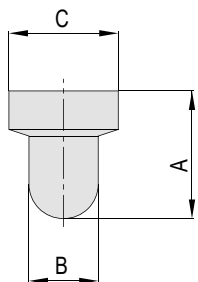
### CARDINE INFERIORE GIREVOLE REGISTRABILE CON SFERA



Lower pintle in zinked steel, adjustment, with ball.  
 Pivot inférieur tournante en acier zingué, réglage, avec boule.

COD.	A	B	KG	KG	KG	€/pz
C2000PSR	25	115,5	80	4	1,220	
C2000PSR/35	35	120,5	100	4	1,400	

### PERNO INFERIORE A SALDARE, IN ACCIAIO, PER PIASTRE BASE



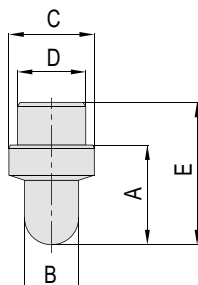
🇮🇹 Perno inferiore a saldare, in acciaio, per piastre base (art. PB/18, PB/22)

🇬🇧 Lower pin, to be welded in steel for base plate (art. PB/18, PB/22)

🇫🇷 Pivot inférieur, à souder, en acier, pour plaque base (art. PB/18, PB/22)

COD.	A	B	C	KG	KG	KG	€/pz
PIS/18	35	20	30	140	24	0,100	
PIS/22	35	24	35	170	18	0,140	

### PERNO INFERIORE AD INSERIMENTO, IN ACCIAIO, PER PIASTRA BASE



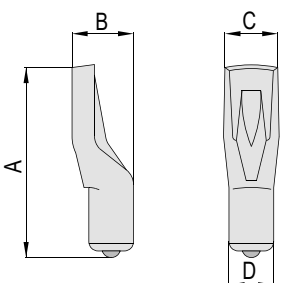
🇮🇹 Perno inferiore ad inserimento, in acciaio, per piastre base (art. PB/18, PB/22)

🇬🇧 Lower pin, to be inserted in steel for base plate (art. PB/18, PB/22)

🇫🇷 Pivot inférieur, à enfiler, en acier, pour plaque base (art. PB/18, PB/22)

COD.	A	B	C	D	E	KG	KG	KG	€/pz
PIF/18	35	20	30	24	50	140	12	0,160	
PIF/22	35	24	35	29	50	170	12	0,220	

### PILETTA CON TERMINALE A SFERA IN ACCIAIO ZINCATO



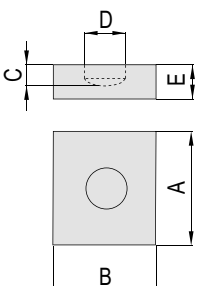
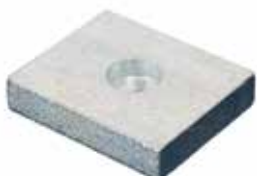
🇮🇹 Piletta con terminale a sfera, in acciaio zincato (per art. PB/18, PB/22)

🇬🇧 Zinked lower pintle ending by casehardened ball (for art. PB/18, PB/22)

🇫🇷 Pivot inférieur avec extrémité à bille cimentée (per art. PB/18, PB/22)

COD.	A	B	C	D	KG	KG	KG	€/pz
PIP/18	86	28	27	20	100	12	0,185	
PIP/22	100	32	34	24	140	12	0,315	

### PIASTRA BASE IN ACCIAIO ZINCATO



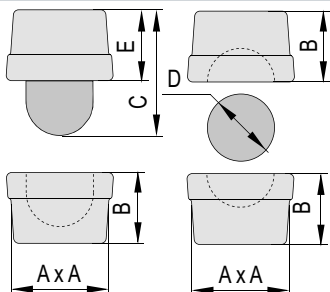
🇮🇹 Piastrina base in acciaio zincato (per art. PIS/18-22, PIF/18-22 e PIP/18-22)

🇬🇧 Base plate in zinked steel (for art. PIS/18-22, PIF/18-22 and PIP/18-22)

🇫🇷 Plaque base en acier zingué (pour art. PIS/18-22, PIF/18-22 et PIP/18-22)

COD.	A	B	C	D	E	KG	KG	€/pz
PB/18	70	60	8	20,5	15	12	0,415	
PB/22	70	60	10	24,5	20	12	0,535	

### COPPIA DI CARDINI, SUPERIORE CON PERNO E INFERIORE CON SFERA

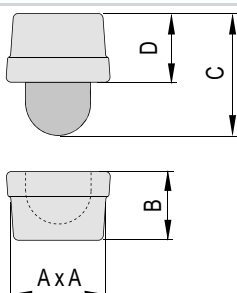


🇬🇧 Couple of pintles upper with pin, lower on ball

🇫🇷 Couple de gonds supérieur avec pivot inférieur avec bille

COD.	A	B	C	D	E	Tubolari Tubulaires	KG	KG	KG	€/pz
C2001/40	40	27	48	1"	21,5	40x40	150	3	0,984	
C2001/50	50	28	45	28	17	50x50	180	3	1,716	

### CARDINE SUPERIORE CON PERNO

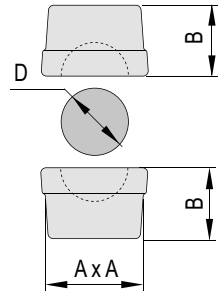


🇬🇧 Upper pintle with pin

🇫🇷 Gond supérieur avec pivot

COD.	A	B	C	D	Tubolari Tubulaires	KG	KG	KG	€/pz
C2001/40S	40	27	48	21,5	40x40	75	6	0,492	
C2001/50S	50	28	45	17	50x50	90	6	0,858	

### CARDINE INFERIORE CON SFERA CEMENTATA

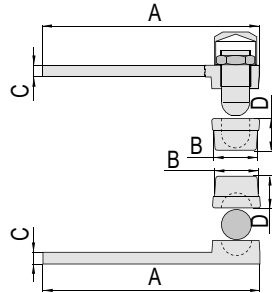


Lower pintle with cemented ball

Pivot inférieur avec boule

COD.	A	B	D	Tubolari Tubular Tubulaires	KG	KG	KG	€/pz
C2001/40I	40	27	1"	40x40	75	6	0,492	
C2001/50I	50	28	28	50x50	90	6	0,858	

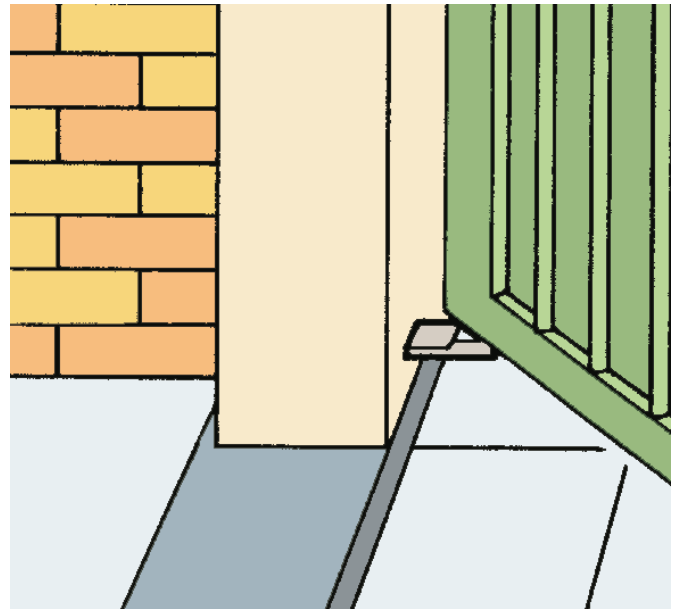
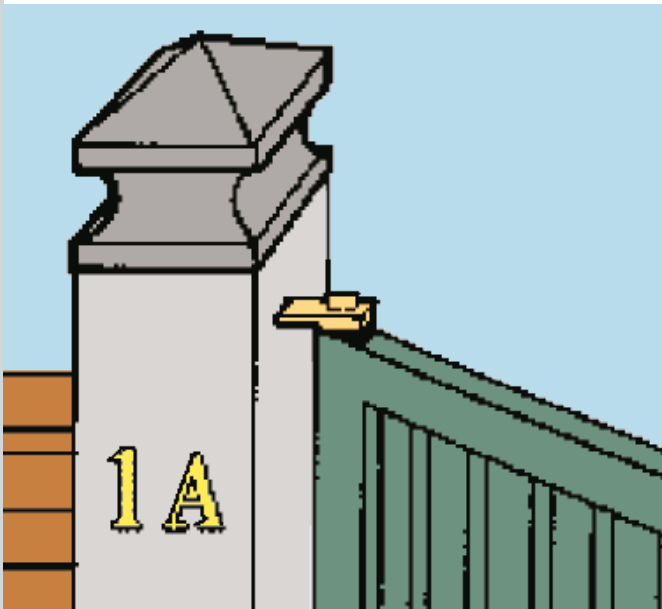
### COPPIA DI CARDINI SUPERIORE E INFERIORE REGISTRABILI



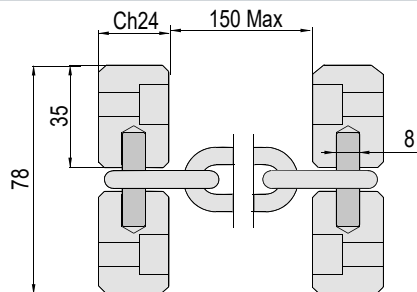
Couple of pintles upper and lower, on ball with vertical adjustment

Couple de gonds supérieur et inférieur sur bille avec réglage vertical

COD.	A	B	C	D	Tubolari Tubular Tubulaires	KG	KG	KG	€/pz
C2000/40	185	35	10	27	40x40	130	1	2,125	
C2000/50	190	45	10	28	50x50	150	1	2,900	



### SISTEMA DI RITENUTA PER CANCELLI A BATTENTE



A saldare o ad avvitare, in acciaio zincato

Restraint system for swing gates.

To be welded or screwed, in zinked steel

Système de retenue pour portails à battant.

A souder ou à visser, en acier zingué

COD.	KG	KG	KG	€/pz
RCB	150	6	0,586	

Nuova sicurezza per cancelli a battente  
a pag. 173

New safety restraint system on  
page 173

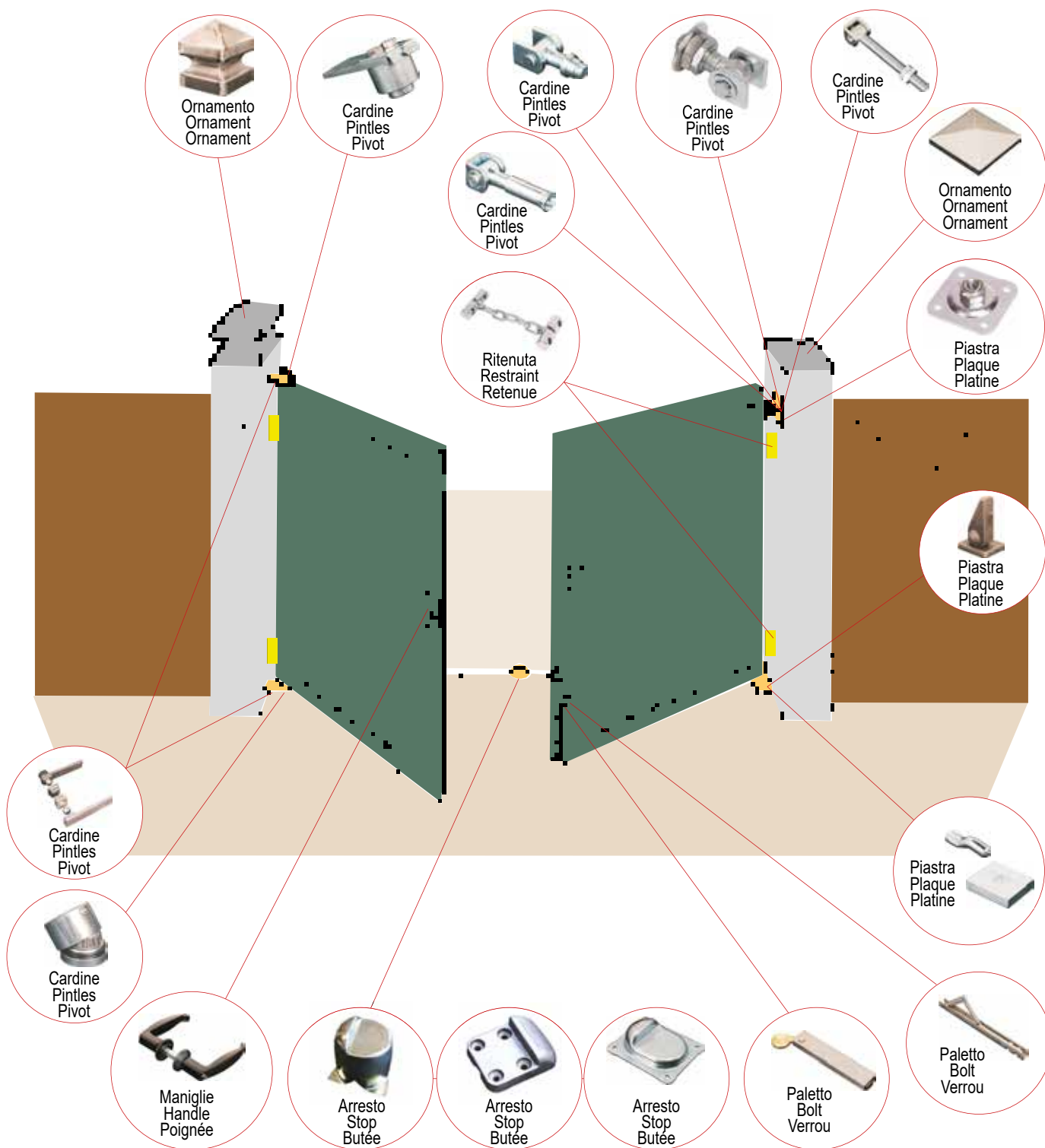
Nouvelle sécurité pour portails battants  
à la page 173

AD ESASURIMENTO  
TO SAFETY SYSTEM  
A REQUISSEMENT

■ ■ Accessori per portoni con apertura a battente

🇬🇧 Accessories for swing gates

■ ■ Accessoires pour portails à battant





# ACCESSORI

🇮🇹 SERRATURE, CHIUSURE, MANIGLIE E CATENACCI

🇬🇧 LOCKS, CLOSURES, HANDLES AND BOLTS

🇫🇷 SÉRRURES, FERMETURES, POIGNÉE ET VERROUS

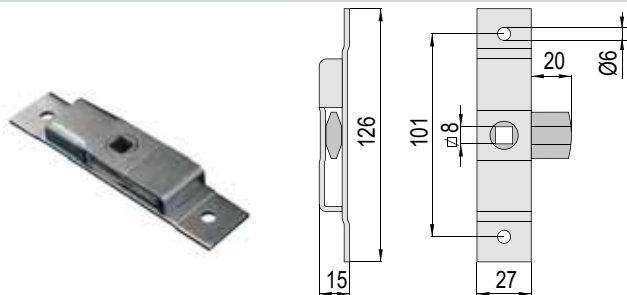




### CHIAVISTELLO A SCATTO IN ACCIAIO ZINCATO

🇬🇧 Snap latch in zinked steel

🇮🇹 Verrou à déclencher en acier zingué

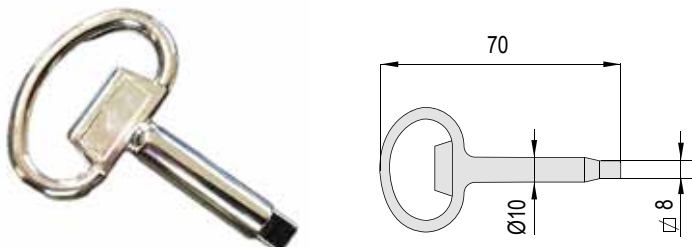


COD.			€/pz
CS8	20	0,140	

### CHIAVE PER CHIAVISTELLO A SCATTO (art. CS8)

🇬🇧 Snap latch key (art. CS8)

🇮🇹 Clé verrou à déclenche en acier zingué (art. CS8)

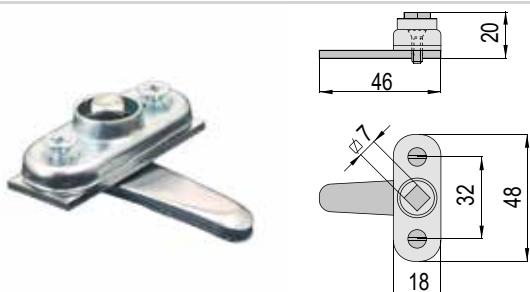


COD.			€/pz
CCS8	20	0,020	

### TAVELLINO PER SPORTELLI IN ACCIAIO ZINCATO

🇬🇧 Latch for flap doors, in zinked steel

🇮🇹 Loquet en acier zingué pour volets

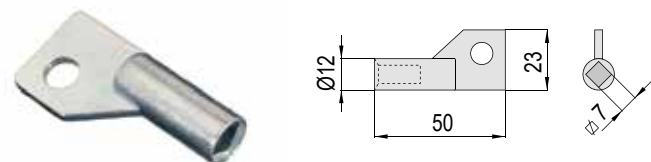


COD.			€/pz
T7	50	0,046	

### CHIAVE PER TAVELLINO (art. T7 - TS7)

🇬🇧 Key for latch (art. T7 - TS7)

🇮🇹 Clé pour loquet (art. T7 - TS7)

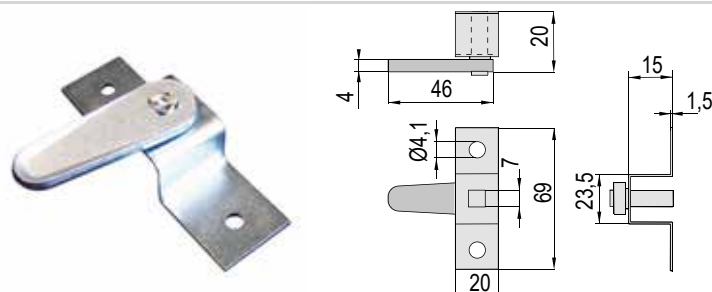


COD.			€/pz
CT7	50	0,010	

### TEVELLINO PER SPORTELLI IN ACCIAIO ZINCATO A SALDARE

🇬🇧 Latch for flap doors, in zinked steel, to be welded

🇮🇹 Loquet en acier zingué pour volets, à souder

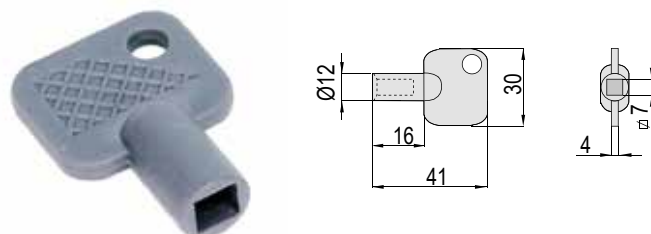


COD.			€/pz
TS7	50	0,043	

### CHIAVE PER TAVELLINO IN PLASTICA (art. T7 - TS7)

🇬🇧 Key for latch, in plastic (art. T7 - TS7)

🇮🇹 Clé pour loquet en plastique (art. T7 - TS7)

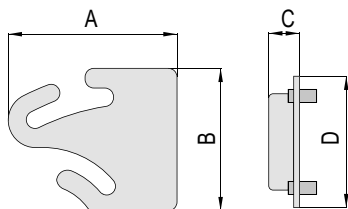


COD.			€/pz
CTS7	50	0,004	

### CERNIERA WASISTAS IN ACCIAIO DX E SX

Wasistas hinge in steel DX and SX

charnière wasistas en acier DX et SX



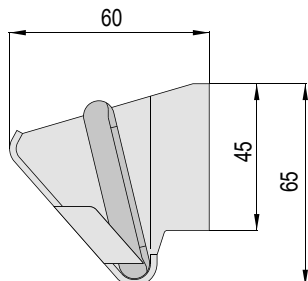
X2

COD.	A	B	C	D			€/pz
<b>CW65</b>	75	66	14	60	20	0,105	
<b>CW85</b>	92	87	11	79	20	0,105	

### CERNIERA WASISTAS A SALDARE VERSIONE DX E SX

Wasistas hinge to be welded, right and left version

Charnière wasistas à souder, version droite et gauche

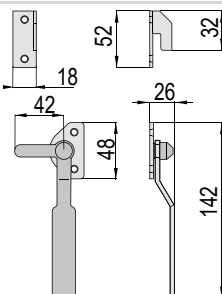


COD.			€/pz
<b>CWDS</b>	10 coppie (1 DX + 1 SX)	0,140 (coppia)	

### MANIGLIA DI BLOCCO ZINCATA VERSIONE DX E SX

Blocking handle zinc-chrome plated, right and left version

Poignée de blocage, en acier zingué et chromé, version droite et gauche

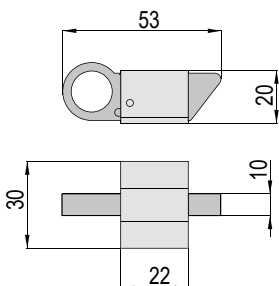


COD.	Versione Version Version			€/pz
<b>MB/S</b>	Sinistra left Gauche	12	0,135	
<b>MB/D</b>	Destra Right Droite	12	0,135	

### CRICCHETTO PICCOLO PER SOPRALUCI A PACCHETTO IN ACCIAIO ZINCATO

Little size ratchet for upper window, in zinked steel, with movable central part

Rochet mignon pour fenêtres, en acier zingué, partie centrale mobile

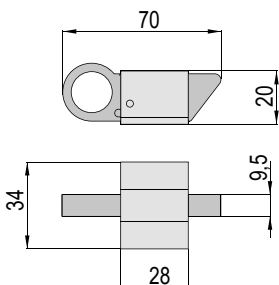


COD.			€/pz
<b>C53</b>	50	0,060	

### CRICCHETTO MEDIO PER SOPRALUCI A PACCHETTO IN ACCIAIO

Medium size ratchet for upper window, in steel, with movable central part

Rochet moyen pour fenêtres, en acier, partie centrale mobile

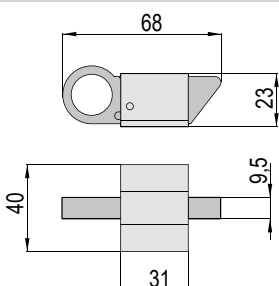


COD.			€/pz
<b>C75</b>	60	0,098	

### CRICCHETTO MEDIO PER SOPRALUCI A PACCHETTO IN ACCIAIO ZINCATO

Medium size ratchet for upper window, in zinked steel, with movable central part

Rochet moyen pour fenêtres, en acier zingué, partie centrale mobile



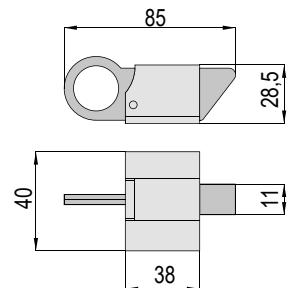
COD.			€/pz
<b>C65</b>	50	0,070	

### CRICCHETTO GRANDE PER SOPRALUCI A PACCHETTO IN ACCIAIO

Big size ratchet for upper window, in steel, with movable central part

Rochet grand pour fenêtres, en acier, partie centrale mobile

COD.			€/pz
C87	40	0,146	

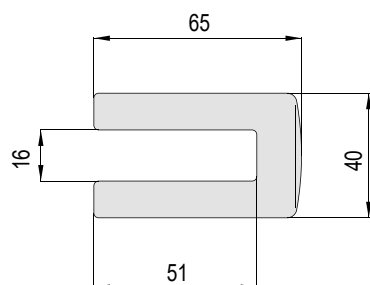


### PIASTRINA APERTA IN ACCIAIO PER CRICCHETTO MEDIO

Open plate in steel, for medium ratchet

Platine ouverte en acier, pour rochets moyens

COD.			€/pz
PC16	50	0,030	

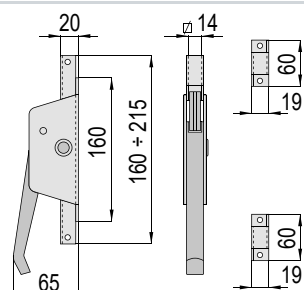


### CARIGLIONI A LEVA A DOPPIA AZIONE, SENZA CHIUSURA, IN ACCIAIO ZINCATO

Double action lever bolt, in zinked steel, without locking

Crémone à levier à double action en acier zingué, sans fermeture

COD.			€/pz
CAR/Z	5	0,880	

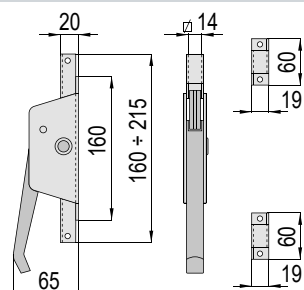


### CARIGLIONE A LEVA A DOPPIA AZIONE A SALDARE ZINCATO

Double action lever bolt, in zinked steel

Crémone à levier à double action en acier zingué

COD.			€/pz
CAR/N	5	0,940	

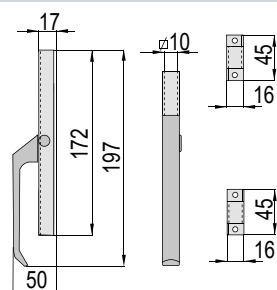


### CARIGLIONE A LEVA A DOPPIA AZIONE COLORE NERO

Double action lever bolt, in zinked steel, black colour, with guide bars, pins, screws. To be welded

Crémone a levier à double action en acier zingué, Version à souder

COD.			€/pz
CAR/C	8	0,358	

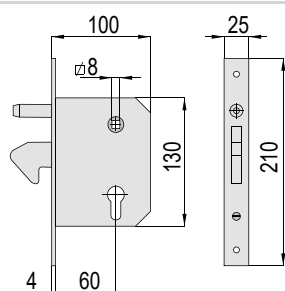


### SERRATURE A GANCIO A SAGOMA EUROPEA (CILINDRO E 3 CHIAVI) CON PERNO

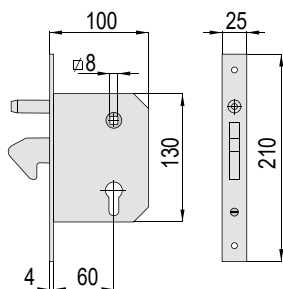
Hook lock with pin, in zinked steel. European profile removable cylinder 54mm in brass, 3 keys and fixing screw

Serrure à crochet avec pivot, en acier zingué. Cylindre profil européen, à enlever 54mm en laiton, avec 3 clés et vis de fixation

COD.			€/pz
S102/60	12	1,235	



SERRATURE A GANCIO A SAGOMA EUROPEA (SENZA CILINDRO) CON PERNO

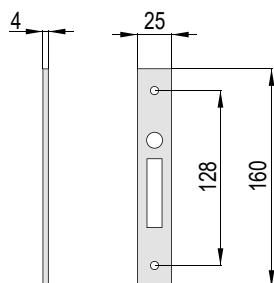


🇬🇧 Hook lock with pin, in zinked steel.

🇮🇹 Serrure à crochet avec pivot, en acier zingué.

COD.			€/pz
<b>S102/60E</b>	12	1,235	

CONTROPIASTRA IN ACCIAIO ZINCATO PER SERRATURE (art. S102/60)

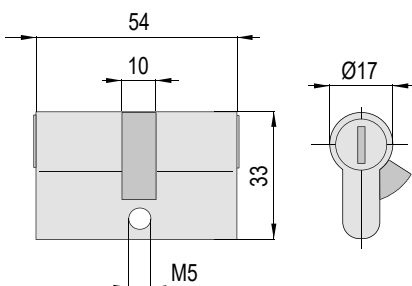


🇬🇧 Counterplate in zinked steel, for lock (art. S102/60)

🇮🇹 Contre-platine en acier zingué, pour serrure (art. S102/60)

COD.			€/pz
<b>CS102/60</b>	24	0,100	

CILINDRO IN OTTONE PER SERRATURA, CON TRE CHIAVI

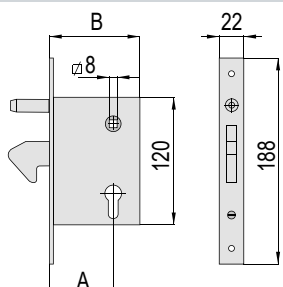


🇬🇧 Cylinder in brass, 3 keys and fixing screw

🇮🇹 Cylindre en laiton avec 3 clés et vis de fixation

COD.			€/pz
<b>C54C</b>	12	0,190	

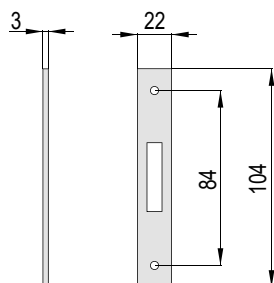
SERRATURE A GANCIO A SAGOMA EUROPEA (CON CILINDRO) CON PERNO



🇮🇹 Cilindro sfilabile da 54mm in ottone, con 3 chiavi e viti di fissaggio  
 🇬🇧 Hook lock, in zinked steel.  
 European profile removable cylinder 54mm in brass, 3 keys and fixing screw  
 🇮🇹 Serrure à crochet, en acier zingué.  
 Cylindre profile européen, à enlever 54mm en laiton, avec 3 clés et vis de fixation

COD.	A	B			€/pz
<b>S102/30</b>	30	56	12	0,585	
<b>S102/40</b>	40	66	12	0,620	
<b>S102/50</b>	50	76	12	0,655	

CONTROPIASTRA IN ACCIAIO ZINCATO PER SERRATURE



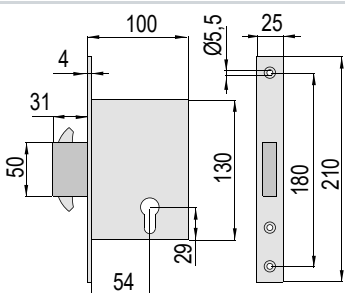
🇮🇹 Contropiastra in acciaio zincato per serrature (art. S102/30, S102/40, S102/50)

🇬🇧 Counterplate in zinked steel, for lock (art. S102/30, S102/40, S102/50)

🇮🇹 Contre-platine en acier zingué pour serrure (art. S102/30, S102/40, S102/50)

COD.			€/pz
<b>CS102</b>	24	0,045	

SERRATURA A DOPPIO GANCIO PER CANCELLI AUTOMATIZZATI



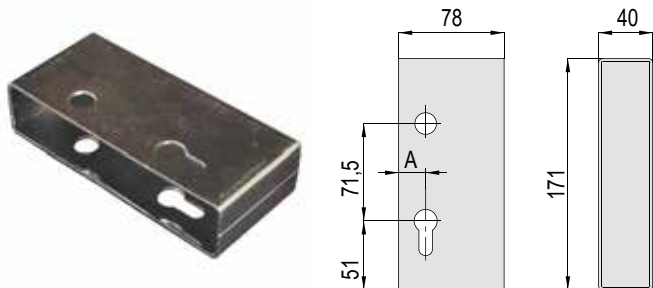
🇮🇹 Serratura con doppio gancio antistrappo a scomparsa, in acciaio zincato

🇬🇧 Double hook lock for automatized gates, in zinked steel

🇮🇹 Serrure double crochet pour portails automatisés en acier zingué

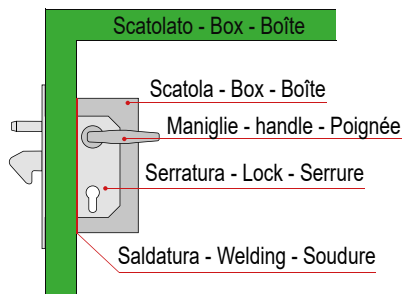
COD.			€/pz
<b>S102/54AE</b>	12	0,760	

## SCATOLA COPRISERRATURA IN ACCIAIO ZINCATO



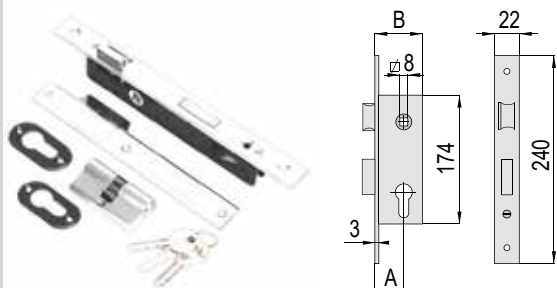
🇬🇧 Cover-lock box, in zinked steel

🇫🇷 Boîte couvre serrure, en acier zingué



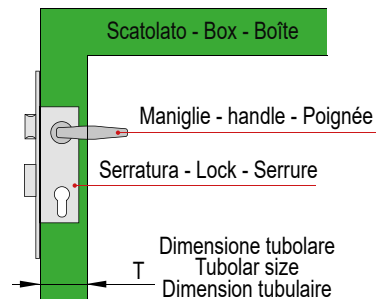
COD.	A			€/pz
SSA	20	10	0,580	
SSB	10	10	0,580	

## SERRATURA PER CANCELLI A BATTENTE CON CILINDRO E 3 CHIAVI



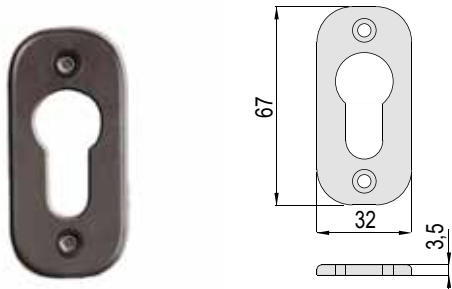
🇬🇧 Lock for swing gate. With cylinder and 3 keys

🇫🇷 Serrure pour portails à battant avec cylindre. Avec cylindre et 3 clés



COD.	A	B	T			€/pz
S174/40	21	33	40X40	12	0,660	
S174/45	25	40	45X45	12	0,550	
S174/50	30	45	50X50	12	0,700	

## MOSTRINA COPRICILINDRO IN PLASTICA

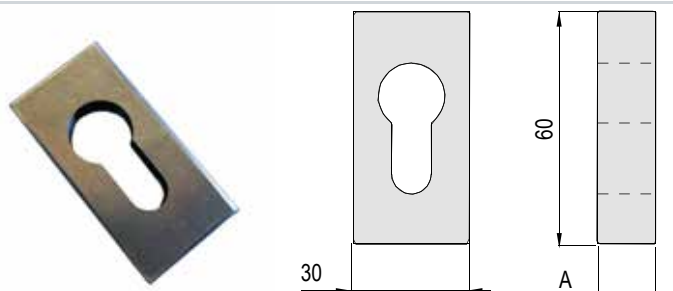


🇬🇧 Cover for cylinder in plastic

🇫🇷 Couvre-cylindre en plastique

COD.	Colore Color Couleur			€/pz
MCC67	Nero Black Noir	24	0,005	
MCC67/B	Bianco White Blanc	24	0,005	

## MOSTRINA COPRICILINDRO, A SALDARE, IN ACCIAIO GREZZO



🇬🇧 Cover for cylinder to weld in raw steel

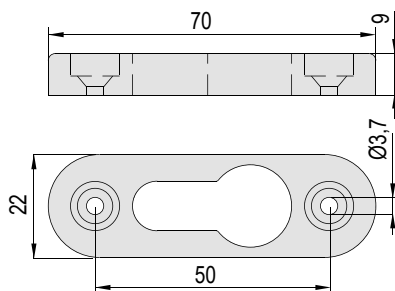
🇫🇷 Couvercle cylindre à souder en acier brut

COD.	A			€/pz
MCC60/5	5	24	0,054	
MCC60/10	10	24	0,107	
MCC60/15	15	24	0,161	

art. MCC67/B NUOVO PRODOTTO  
art. MCC67/B NUOVO PRODOTTO  
art. MCC67/B NOUVEAU PRODUIT



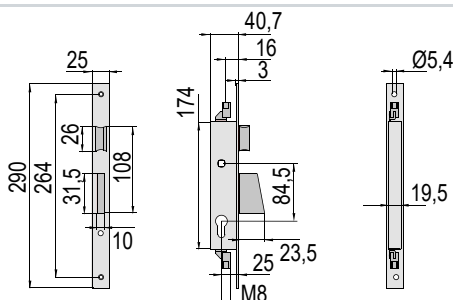
### MOSTRINA COPRICILINDRO IN ALLUMINIO



Cover for cylinder in aluminium  
 Couvre-cylindre en aluminium

COD.	Colore Color Couleur			€/pz
MCC70/N	Nero Black Noir	10	0,024	
MCC70/AL	Alluminio Aluminium Aluminium	10	0,024	
MCC70/G	Grezza Rough Brut	10	0,024	

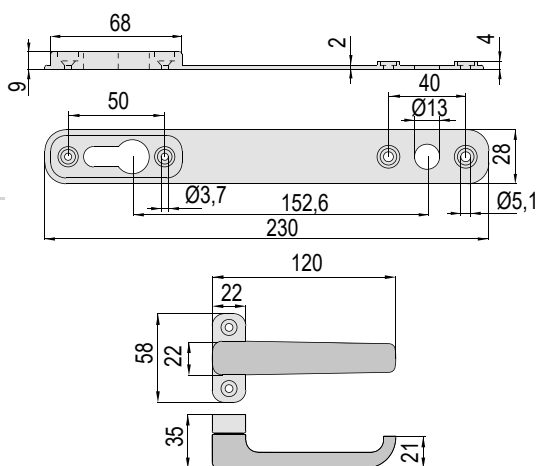
### SERRATURA PER INFERRIATA A BATTENTE IN ACCIAIO ZINCATO



Serratura in acciaio zincato, 3 punti di chiusura, per scatola 40 mm, corsa 16 mm con contropiastra  
 Lock in zinked steel, 3 locking points, suitable for box-type 40 mm, stroke 16 mm with striker plate  
 Serrure en acier zingué, 3 points de fermeture, pour boîte 40 mm, course 16 mm avec contre-platine

NOTE	COD.			€/pz
Comando scrocco con maniglia Spring latch with handle Commande du dé clic avec poignée	S174/40E	4	0,590	
Serratura senza maniglia. Comando scrocco con cilindro Lock without handle. Spring latch by cylinder Serrure sans poignée. Commande du dé clic avec cylindre	S174/40E/SM	4	0,590	

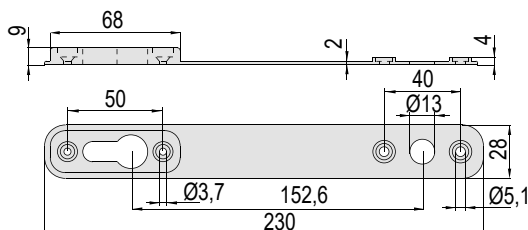
### MOSTRINA SERRATURA CON MANIGLIA



Mostrina in alluminio verniciato nero, con maniglie in alluminio verniciate nere della serie M102BN70  
 Black aluminium badge, with black aluminium handle M102BN70 series  
 Ecoisson en aluminium, verni noir, avec poignées en aluminium vernie noir de la série M102BN70

COD.			€/pz
MMCC230	10	,150	

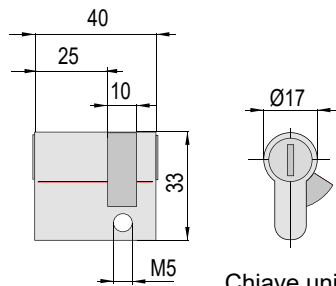
### MOSTRINA SERRATURA - MANIGLIA



Mostrina in alluminio verniciato nero, per maniglie della serie M102B  
 Black aluminium badge for handles M102B series  
 Ecoisson en aluminium, verni noir, pour poignées de la série M102B

COD.			€/pz
MCC230	10	0,046	

### MEZZO CILINDRO IN OTTONE, PROFILO EUROPEO

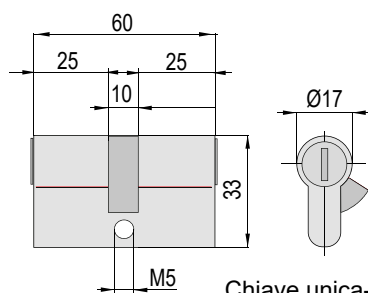


Chiave unica-Unique key-Clé unique

Mezzo cilindro di sicurezza 30/10 in ottone cromo satinato. Con 2 chiavi e vite di fissaggio  
 Half safety cylinder 30/10 in satin chrome brass, 2 keys and set screw.  
 Demi-cylindre de sûreté 30/10 en laiton chrome satiné. 2 clés et vis de fixation.

COD.			€/pz
<b>C30/10E</b>	10	0,133	
<b>C30/10U1</b>	10	0,133	

### CILINDRO IN OTTONE PASSANTE

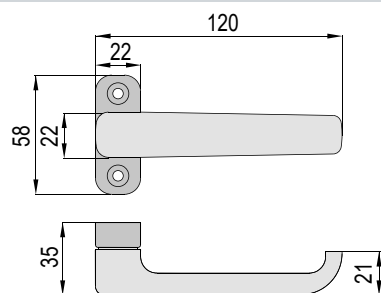


Chiave unica-Unique key-Clé unique

Cilindro di sicurezza 30/30 in ottone cromo satinato. 2 chiavi e vite di fissaggio  
 Safety cylinder 30/30 in satin chrome brass, 2 keys and set screw.  
 Cylindre de sûreté 30/30 en laiton chrome satiné. 2 clés et vis de fixation.

COD.			€/pz
<b>C30/30U1</b>	10	0,182	

### MEZZA MANIGLIA IN ALLUMINIO PER PERSIANE BLINDATE E INFERRIATE

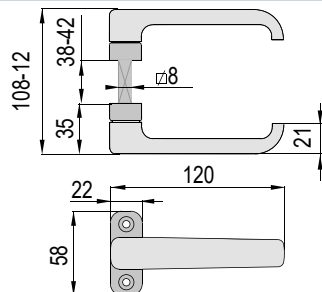


Half handle in aluminium for armored blinds and grilles

Demie poignée en aluminium pour volets blindés

COD.	Colore Color Couleur			€/pz
<b>M102BN70</b>	Nero RAL8005 Black RAL8005 Noir RAL8005	10	0,104	
<b>M102B70/B</b>	Bianco RAL9010 White RAL9010 Blanc RAL9010	10	0,104	
<b>M102B70/M</b>	Marrone RAL8017 Brown RAL8017 Marron RAL8017	10	0,104	
<b>M102B70/V</b>	Verde RAL6005 Green RAL6005 Vert RAL6005	10	0,104	
<b>M102B70/A</b>	Argento Silver Argent	10	0,104	

### MANIGLIA IN ALLUMINIO PER PERSIANE BLINDATE

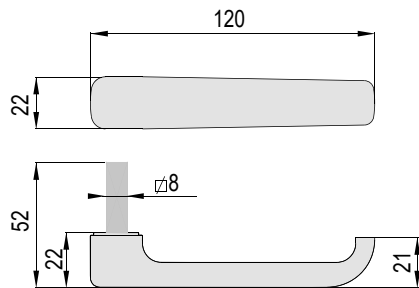


Handle in aluminium for armored blinds and grilles

Poignée en aluminium pour volets blindés

COD.	Colore Color Couleur			€/pz
<b>M102BN/2</b>	Nero RAL8005 Black RAL8005 Noir RAL8005	10	0,212	
<b>M102B/2/B</b>	Bianco RAL9010 White RAL9010 Blanc RAL9010	10	0,212	
<b>M102B/2/M</b>	Marrone RAL8017 Brown RAL8017 Marron RAL8017	10	0,212	
<b>M102B/2/V</b>	Verde RAL6005 Green RAL6005 Vert RAL6005	10	0,212	
<b>M102B/2/A</b>	Argento Silver Argent	10	0,212	

### MEZZA MANIGLIA ESTRAIBILE IN ALLUMINIO

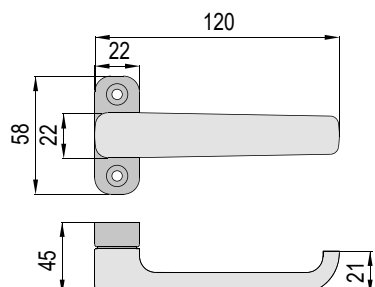


Removable half handle in aluminium

Demie poignée en aluminium enfila

COD.			€/pz
M102BNE	10	0,088	

### MEZZA MANIGLIA ALTA IN ALLUMINIO PER PERSIANE BLINDATE

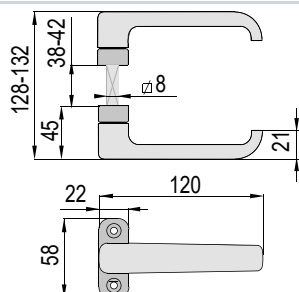


Removable half handle in aluminium for armored blinds

Demie poignée en aluminium pour volets blindés

COD.	Colore Color Couleur			€/pz
M102BN80	Nero RAL8005 Black RAL8005 Noir RAL8005	10	0,104	
M102B80/A	Argento Silver Argent	10	0,104	

### MANIGLIA ALTA IN ALLUMINIO PER PERSIANE BLINDATE

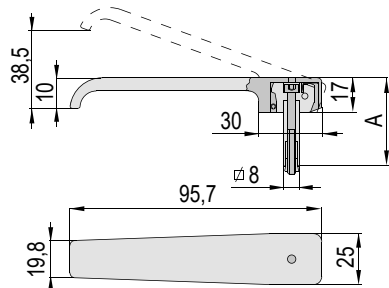


Handle in aluminium for armored blinds

Poignée en aluminium pour volets blindés

COD.	Colore Color Couleur			€/pz
M102BNA/2	Nero RAL8005 Black RAL8005 Noir RAL8005	10	0,244	
M102BA/2/A	Argento Silver Argent	10	0,244	

### MEZZA MANIGLIA IN ALLUMINIO, A MOLLA, PER PERSIANE BLINDATE



Altezza minimizzata per spazi ridotti

Half handle for armoured shutters, in aluminium.

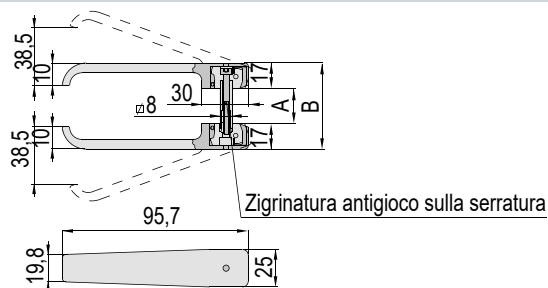
Minimized height for small spaces

Demi-poignée en aluminium pour les volets blindés.

Hauteur minimale pour les petits espaces

COD.	A	Scatolato Box Boîte			€/pz
M102BN30/R	38,5	30	10	0,080	
M102BN45/R	43,5	>30	10	0,080	

### MANIGLIA DOPPIA IN ALLUMINIO, A MOLLA, PER PERSIANE BLINDATE



Altezza minimizzata per spazi ridotti

Spring handle for armoured shutters, in aluminium.

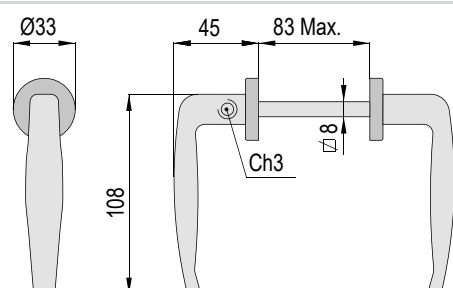
Minimized height for small spaces

Poignée en aluminium pour les volets blindés.

Hauteur minimale pour les petits espaces

COD.	A	B			€/pz
M102BN/2R/30	30,5	66,5	10	0,142	
M102BN/2R/40	40,5	76,5	10	0,146	
M102BN/2R/50	50,5	86,5	10	0,150	

### MANIGLIA IN LEGA VERNICIATA NERA CON GRANO



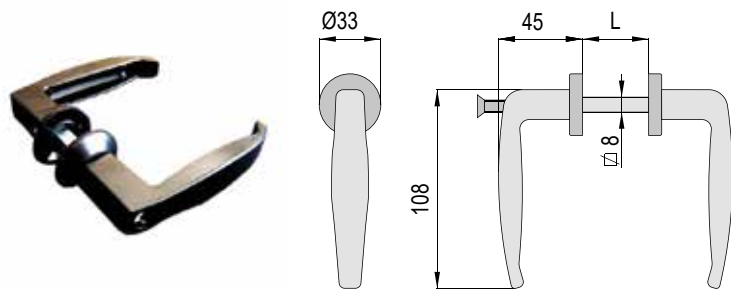
Handle in black painted alloy with washers and fixing dowel

Poignée en alliage peint en noir, avec rondelles et grain de fixation

COD.			€/pz
M102N	5	0,270	

### MANIGLIA IN LEGA VERNICIATA CON VITE

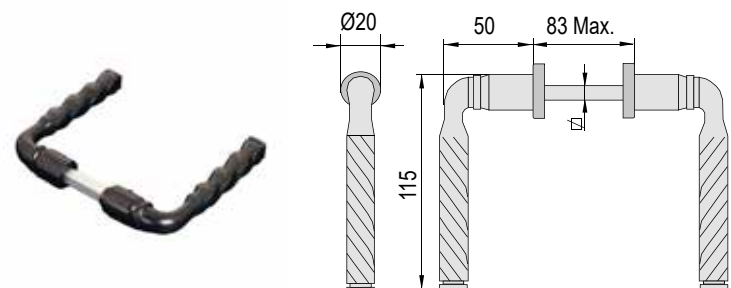
Alloy handle, with fixing screw  
Poignée en alliage et vis de fixation



COD.	Versione version version	L			€/pz
M102/1-V	Nera lucida	25 ÷ 35	10	0,215	
M102/2-V	Bright black	35 ÷ 45	10	0,230	
M102/3-V	Noir brillant	40 ÷ 50	10	0,245	
M102/4-V		50 ÷ 60	10	0,260	
M102/2-C	Lucida cromata	35 ÷ 45	10	0,230	
M102/3-C	Bright cromated	40 ÷ 50	10	0,245	
M102/4-C	Chrome poli	50 ÷ 60	10	0,260	

### MANIGLIA RUSTICA A DOPPIO INTRECCIO VERNICIATA NERA

Alloy rustic black handle, double weave, with fixing dowel



Bequille rustique à double tressage peint en noire avec vis de fixation

COD.				€/pz
M102RQ8	8	10	0,170	

### MANIGLIA RUSTICA CON PIGNA VERNICIATA NERA

Rustic black handle, crown and fixing dowel



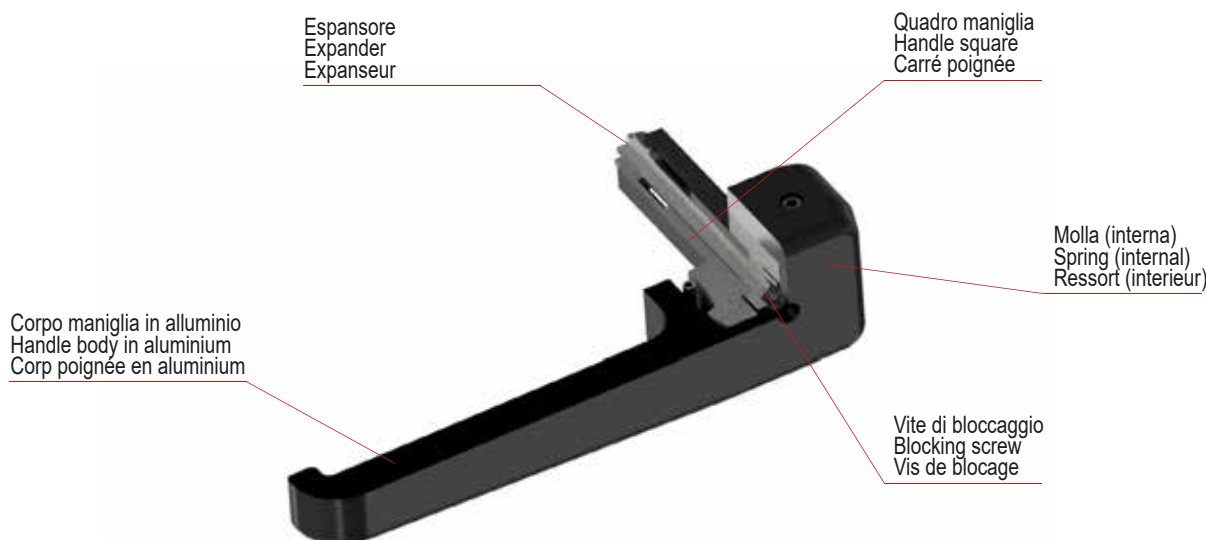
Bequille rustique à double tressage peint en noire avec vis de fixation

COD.				€/pz
M102PQ8	8	10	0,299	

Esempio sezione maniglia in alluminio a molla

Section spring handle in aluminium example

Exemple de section de poignée à ressort en aluminium

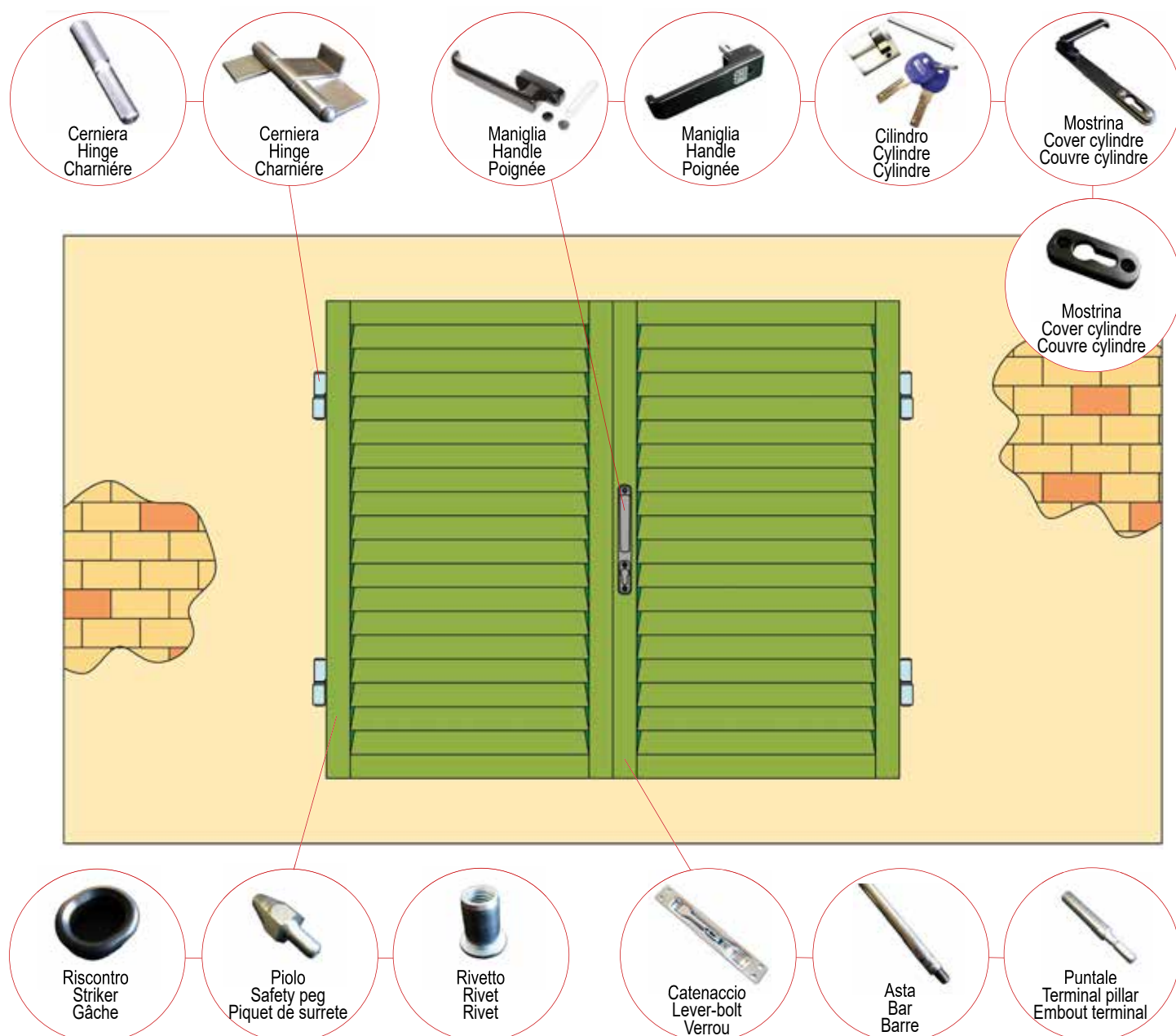


art. - CAD. ESAURIMENTO  
art. - CAD. MANUSCRIPT  
art. - CAD. EPUISÉMENT

■ ■ Accessori per persiane blindate

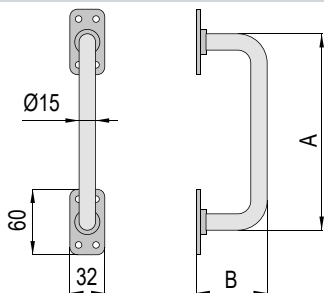
🇬🇧 Accessories for armored blinds

■ ■ Accessoires pour volets blindés





**MANIGLIONE PER PORTONI A 2 CURVE VERNICIATO NERO**

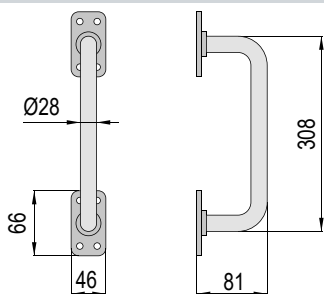


Black gates handle, with 2 curves

Poignée de tirage pour portails, avec 2 courbes, peint en noir

COD.	A	B			€/pz
MPD/180	180	60	10	0,420	
MPD/230	230	60	10	0,480	

**MANIGLIONE PER PORTONI A 2 CURVE VERNICIATO NERO**

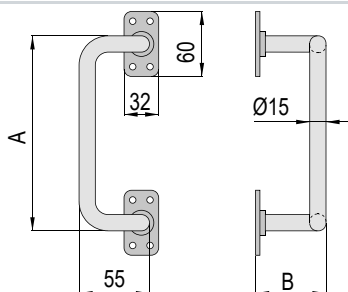


Black gates handle, with 2 curves

Poignée de tirage pour portails, avec 2 courbes, peint en noir

COD.			€/pz
MGD/308	10	0,420	

**MANIGLIONE PER PORTONI A 4 CURVE VERNICIATO NERO**

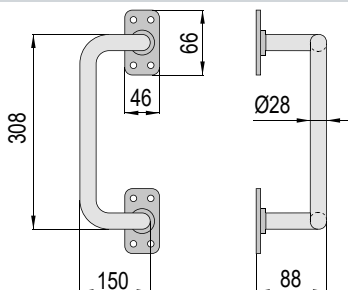


Black gates handle, with 4 curves

Poignée de tirage pour portails, avec 4 courbes, peint en noir

COD.	A	B			€/pz
MPC/180	180	70	10	0,560	
MPC/230	230	70	10	0,640	

**MANIGLIONE PER PORTONI A 4 CURVE VERNICIATO NERO**

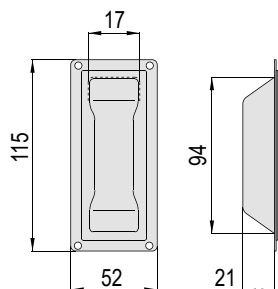


Black gates handle, with 4 curves

Poignée de tirage pour portails, avec 4 courbes, peint en noir

COD.			€/pz
MGC/308	10	0,800	

**MANIGLIONE DA INCASSO IN ACCIAIO ZINCATO**

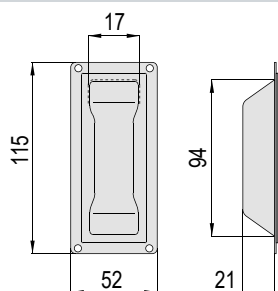


Built-in handle in zinked steel

Poignée à encaisser en acier zingué

COD.	A	B	C	D	E			€/pz
MIP	52	115	29	94	21	20	0,060	
MID	76	175	41	145	22	20	0,170	
MIG	90	200	50	160	22	20	0,210	

**MANIGLIA DA INCASSO IN ACCIAIO VERNICIATO NERO**

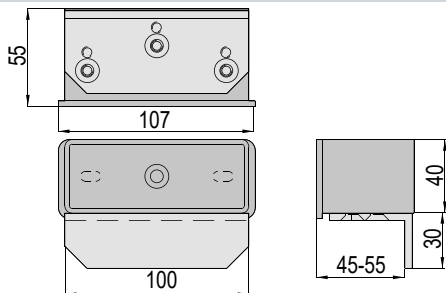


Built-in handle in steel, black varnished

Poignée à encaisser en acier peint en noir

COD.	A	B	C	D	E			€/pz
MIP/N	52	115	29	94	21	20	0,060	
MID/N	76	175	41	145	22	20	0,170	

### BATTENTE REGOLABILE IN ACCIAIO ZINCATO PER ELETTROSERRATURE

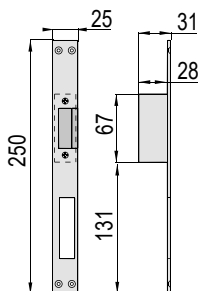
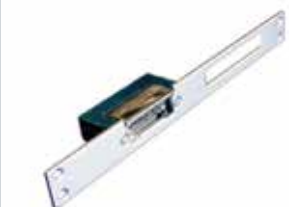


Adjustable swing in zinked steel, for electric locks

Battant réglable en acier zingué, pour serrures électriques

COD.			€/pz
<b>BRE100</b>	16	0,650	

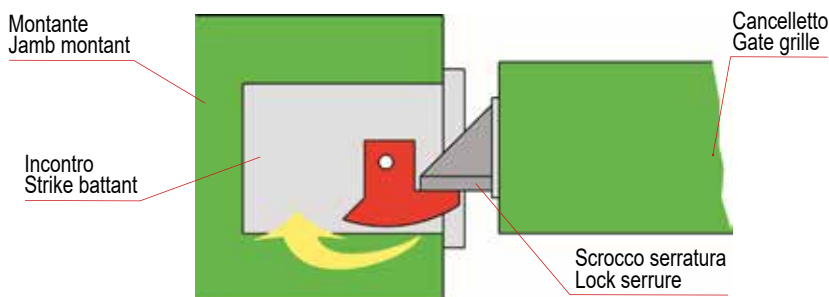
### INCONTRO ELETTRICO APRIPORTA, AMBIDESTRO (8-12Vac)



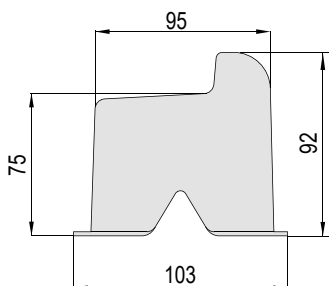
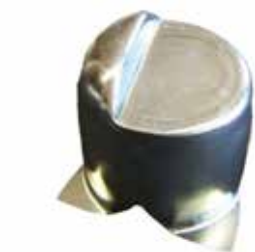
Electric strike door opener, ambidextrous (8-12Vac)

Rencontre électrique ouvre-porte, ambidextre (8-12Vac)

COD.			€/pz
<b>IEL</b>	1	0,270	



### ARRESTO PER CANCELLI A BATTENTE IN ACCIAIO ZINCATO

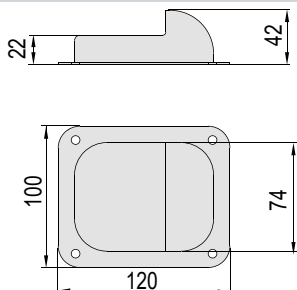


Galvanized stop for swing gates

Butée zingué pour portails à battant

COD.			€/pz
<b>BA100</b>	16	0.318	

### ARRESTO PER CANCELLI A BATTENTE ZINCATO AD AVVITARE

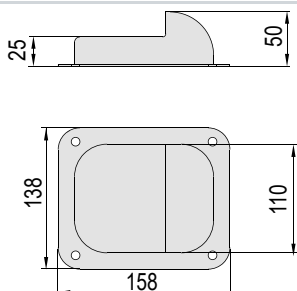


Galvanized stop for swing gates, to be screwed

Butée zingué pour portails à battant

COD.			€/pz
<b>BA120F</b>	6	0,286	

### ARRESTO PER CANCELLI A BATTENTE ZINCATO AD AVVITARE

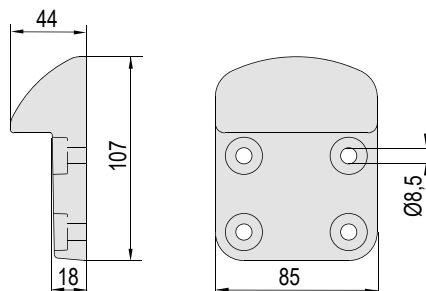


Galvanized stop for swing gates, to be screwed

Butée zingué pour portails à battant

COD.			€/pz
<b>BA160F</b>	6	0,430	

### ARRESTO PER CANCELLI A BATTENTE AD AVVITARE

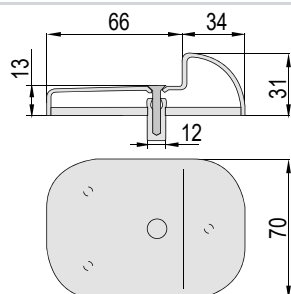


🇬🇧 Stop for swing gates, in cast steel, to be screwed

🇫🇷 Butée pour portails à battant, en acier à visser

COD.			€/pz
BA110F	6	1,050	

### ARRESTO PER CANCELLI A BATTENTE AD AVVITARE

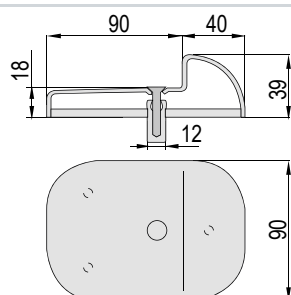


🇬🇧 Stop for swing gates, in cast steel, to be screwed

🇫🇷 Butée pour portails à battant, en acier à visser

COD.			€/pz
BA100F	10	0,320	

### ARRESTO PER CANCELLI A BATTENTE AD AVVITARE

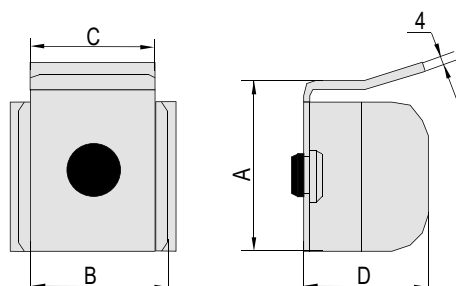


🇬🇧 Stop for swing gates, in cast steel, to be screwed

🇫🇷 Butée pour portails à battant, en acier à visser

COD.			€/pz
BA130F	4	0,700	

### BATTENTE DI SICUREZZA PER CANCELLI SCORREVOLI

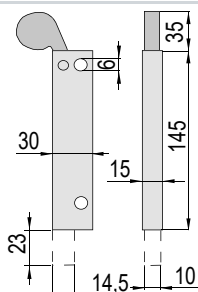


🇬🇧 Galvanized security stop for swing gates

🇫🇷 Butée de sécurité zingué pour portails à battant

COD.	A	B	C	D			€/pz
BAS50	59	42	42	45	10	0,420	
BAS60	69	60	52	50	10	0,430	

### PALETTO A MOLLA IN ACCIAIO ZINCATO



🇬🇧 Spring bolt in zinked steel.

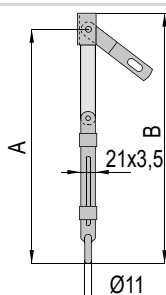
Application ambidextrous

🇫🇷 Verrou à ressort, en acier zingué.

Application ambidextre

COD.			€/pz
PAM/Z	15	0,380	

### PALETTO A LEVA MEDIO ZINCATO PER CANCELLI

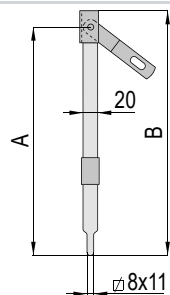


🇬🇧 Lever sliding bar, in steel, for gates

🇫🇷 Boulon normal à levier en acier, pour portails

COD.	A	B			€/pz
PL350	340	365	10	0,300	
PL450	393	417	10	0,350	
PL600	493	517	10	0,450	
PL700	685	705	10	0,500	

PALETTO A LEVA PESANTE ZINCATO PER CANCELLI



🇬🇧 Heavy lever sliding bar, zinked, for gates

🇫🇷 Boulon brut à levier en acier zingué pour portails

COD.	A	B			€/pz
PLP500	465	490	10	0,670	
PLP700	660	685	10	0,910	

CATENACCIO VERTICALE LEGGERO A SALDARE ZINCATO

🇬🇧 Light vertical bolt to be welded

🇫🇷 Verrrou vertical lourd à souder

COD.	A	B			€/pz
CV10/130	130	10	10	0,190	
CV10/300	300	10	10	0,350	

CATENACCIO VERTICALE LEGGERO A SALDARE ZINCATO

🇬🇧 Light vertical bolt to be welded

🇫🇷 Verrrou vertical lourd à souder

COD.	A	B			€/pz
CV10/T130	130	ø9	15	0,145	
CV10/T300	300	ø9	15	0,310	
CV10/T500	500	ø9	15	0,490	

PALETTO ROTONDO ZINCATO PER CANCELLI, CON SICUREZZA ANTIAPERTURA

🇬🇧 Round bolt, in zinked steel, for gates, with anti-opening pin

🇫🇷 Poteau rond, en acier zingué, pour portails, avec sécurité anti-ouverture

COD.	L			€/pz
CV16/300Z	300	10	0,716	
CV16/500Z	500	10	1,193	

PALETTO ROTONDO ZINCATO PER CANCELLI, A MOLLA

🇬🇧 Round bolt, in zinked steel, for gates, with spring

🇫🇷 Poteau rond, en acier zingué, pour portails, à ressort

COD.			€/pz
CM12	12	0,350	

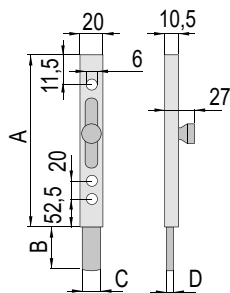
CATENACCIO VERTICALE LEGGERO A SALDARE ZINCATO

🇬🇧 Light vertical bolt to be welded | 🇫🇷 Verrrou vertical léger à souder

COD.	A	B	C	D			€/pz
CV616/150	150	50	16	6	10	0,220	
CV616/200	200	50	16	6	10	0,260	
CV616/250	250	50	16	6	10	0,330	
CV616/300	300	50	16	6	10	0,400	
CV616/400	400	50	16	6	10	0,520	
CV616/500	500	50	16	6	10	0,620	

### CATENACCIO VERTICALE LEGGERO A FISSARE ZINCATO

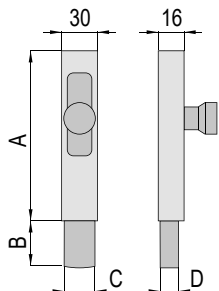
Light vertical bolt to be fixed | Verrou vertical léger à fixer



COD.	A	B	C	D			€/pz
CV616F/200	200	30	16	6	10	0,260	
CV616F/250	250	30	16	6	10	0,330	
CV616F/300	300	30	16	6	10	0,400	
CV616F/400	400	30	16	6	10	0,520	
CV616F/500	500	30	16	6	10	0,620	
CV616F/700	700	30	16	6	10	0,870	

### CATENACCIO VERTICALE PESANTE A SALDARE ZINCATO

Light vertical bolt to be welded | Verrou vertical léger à souder

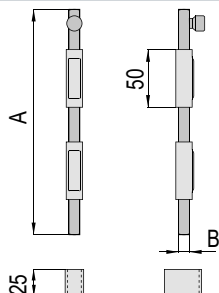


COD.	A	B	C	D			€/pz
CV1025/200	200	40	25	10	10	0,590	
CV1025/250	250	45	25	10	10	0,710	
CV1025/300	300	45	25	10	10	0,840	
CV1025/400	400	45	25	10	10	1,100	
CV1025/500	500	79	25	10	10	1,390	
CV1025/600	600	50	25	10	5	1,590	

### CATENACCIO VERTICALE MEDIO A SALDARE IN ACCIAIO

Medium vertical bolt, to be welded

Verrou vertical type moyen, à souder

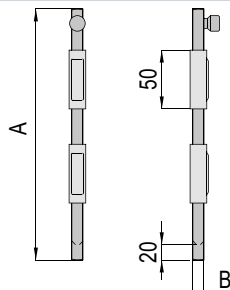


COD.	A	B			€/pz
CV14/330	300	∅14	10	0,690	
CV14/660	600	∅14	10	1,080	

### CATENACCIO VERTICALE MEDIO A SALDARE ZINCATO

Medium vertical bolt in zinked steel, to be welded, with round point

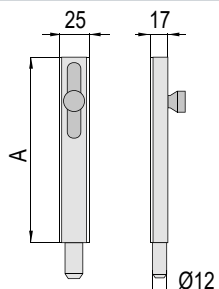
Verrou vertical type moyen, à souder zingué



COD.	A	B			€/pz
CV14/330T	300	∅14	10	0,640	
CV14/660T	600	∅14	10	1,070	

### CATENACCIO VERTICALE TONDO A SALDARE ZINCATO

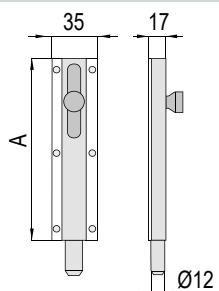
Vertical bolt, in zinked steel, to be welded | Verrou vertical, à souder zingué



COD.	A			€/pz
CVS/T150	150	10	0,306	
CVS/T200	200	10	0,373	
CVS/T250	250	10	0,393	
CVS/T300	300	10	0,473	
CVS/T400	400	10	0,506	
CVS/T500	500	10	0,586	

### CATENACCIO VERTICALE TONDO AD AVVITARE ZINCATO

Vertical bolt, in zinked steel, to be fixed | Verrou vertical, avec trous zingué



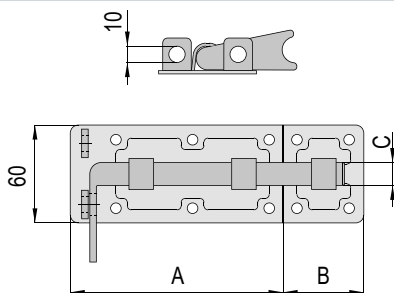
COD.	A			€/pz
CVF/T150	150	10	0,353	
CVF/T200	200	10	0,426	
CVF/T250	250	10	0,453	
CVF/T300	300	10	0,553	
CVF/T400	400	10	0,623	
CVF/T500	500	10	0,675	



### CATENACCIO PORTALUCCHETTO TRASVERSALE AD AVVITARE

Light transverse padlock-bolt with holes

Verrou horizontal léger porte-cadenas

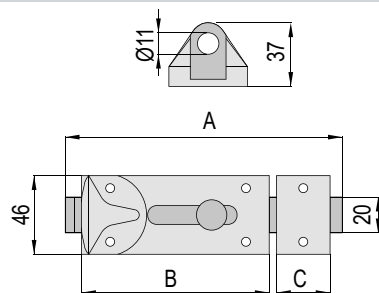


COD.	A	B	C			€/pz
CT5/180	130	50	∅14	12	0,400	
CT5/220	160	60	∅14	12	0,500	
CT5/270	185	85	∅14	12	0,600	

### CATENACCIO PORTALUCCHETTO TRASVERSALE AD AVVITARE

Light transverse padlock-bolt with holes

Verrou horizontal léger porte-cadenas

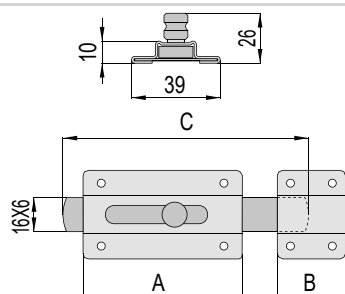


COD.	A	B	C			€/pz
CT6/150	150	105	31	10	0,290	
CT6/200	195	148	31	10	0,340	
CT6/250	230	190	31	10	0,400	

### CATENACCIO TRASVERSALE PICCOLO ZINCATO

Small transverse bolt, with holes, in zinked steel

Verrou horizontal type mignon, avec trous, en acier zingué

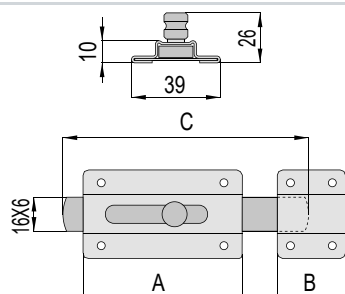


COD.	A	B	C			€/pz
CT8/Z-50	50	20	70	20	0,085	
CT8/Z-70	80	40	108	20	0,120	
CT8/Z-90	100	50	150	20	0,165	

### CATENACCIO TRASVERSALE PICCOLO IN ACCIAIO VERNICIATO

Small transverse bolt, with holes, in painted steel

Verrou horizontal type mignon, avec trous, en acier peint

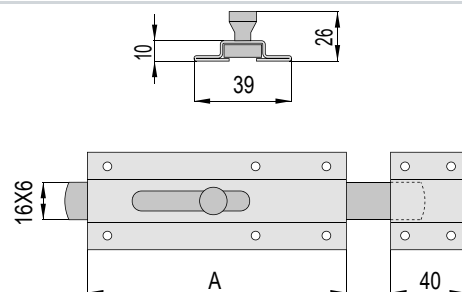


COD.	A	B	C			€/pz
CT8/B-50	50	20	70	20	0,085	
CT8/B-70	80	40	115	20	0,120	
CT8/B-90	100	50	150	20	0,165	

### CATENACCIO TRASVERSALE GRANDE IN ACCIAIO VERNICIATO

Big transverse bol, with holes, in painted steel

Verrou horizontal grand, avec trous, en acier peint

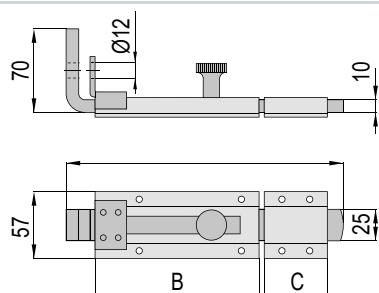


COD.	A			€/pz
CT9/B-150	150	10	0,240	
CT9/B-200	200	10	0,310	
CT9/B-300	300	10	0,450	
CT9/B-400	400	10	0,600	
CT9/B-500	500	10	0,720	
CT9/B-700	700	10	1,200	

### CATENACCIO PORTALUCCHETTO TRASVERSALE PESANTE

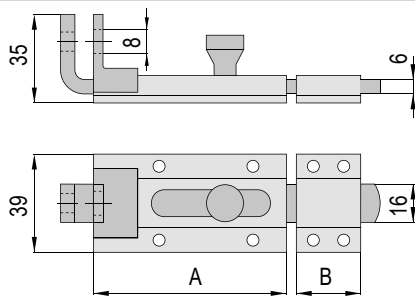
Heavy transverse padlock-bolt with holes, in zinked steel with counterplate

Verrou horizontal porte-cadenas lourd, avec trous, en acier zingué et avec contre-plaque



COD.	A	B	C			€/pz
CT10/Z-200	210	130	50	5	0,825	
CT10/Z-300	300	210	80	5	1,135	
CT10/Z-400	410	305	90	5	1,450	

### CATENACCIO PORTALUCCHETTO TRASVERSALE LEGGERO

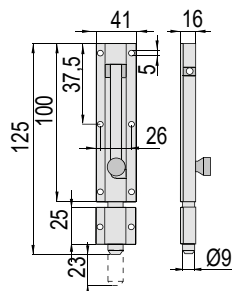


Light transverse padlock-bolt with holes, in zinked steel with counter-plate

Verrou horizontal léger porte-cadenas, avec trous, en acier zingué et avec contre-plaque

COD.	A	B			€/pz
CT11/Z-130	80	40	10	0,220	
CT11/Z-180	125	40	10	0,290	
CT11/Z-250	195	40	10	0,400	

### CATENACCIO PORTALUCCHETTO VERTICALE AD AVVITARE IN ACCIAIO

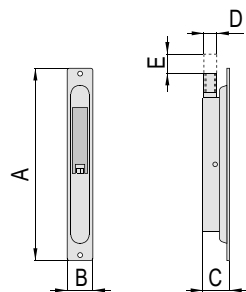


Vertical padlock-bolt, with holes, in steel

Verrou vertical, porte-cadenas lourd avec trous, en acier

COD.			€/pz
CV16/120Z	10	0,134	

### CATENACCIO DA INCASSO A LEVA IN ACCIAIO ZINCATO A SEMPLICE AZIONE

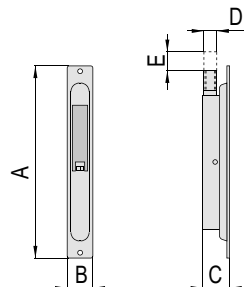


Single action lever built-in bolt, in zinked steel

Verrou encastrable à action simple, en acier zingué

COD.	A	B	C	D	E	N° fori N° trous			€/pz
CL16Z	147	16	23	M8	15	2	10	0,095	
CL20Z	152	20	20	M8	15	4	10	0,090	
CL24Z	160	25	24,5	M8	17	4	10	0,110	

### CATENACCIO DA INCASSO IN ACCIAIO ZINCATO A LEVA IN OTTONE A SEMPLICE AZIONE

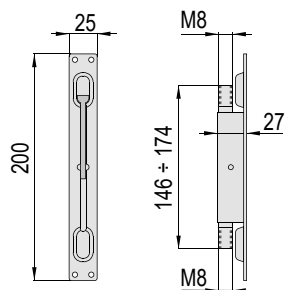


Single action lever built-in bolt, in zinked steel

Verrou encastrable à action simple, en acier zingué

COD.	A	B	C	D	E			€/pz
CL20	159	20	22	M8	18	10	0,145	
CL24	160	25	22	M8	18	10	0,105	

### CATENACCIO DA INCASSO A LEVA A DOPPIA AZIONE ZINCATO

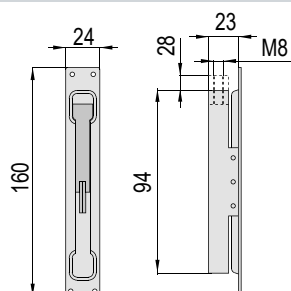


Lever built-in bolt with guide sliding in zinked steel

Verrou encastrable à levier avec coulissement sur glissières

COD.			€/pz
CL24ZD/N	10	0,265	

### CATENACCIO DA INCASSO A SEMPLICE AZIONE ZINCATO



Corsa: 28mm

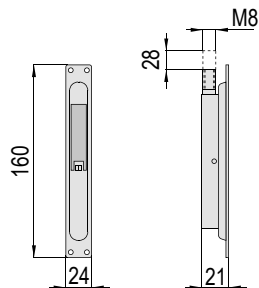
Lever built-in bolt single action, in zinked steel. Stroke: 28mm

Verrou encastrable à levier, en acier zingué. Course: 28mm

COD.			€/pz
CL24ZL	10	0,130	

art. CL24Z NUOVO PRODOTTO art. CL24Z NOUVEAU PRODUIT

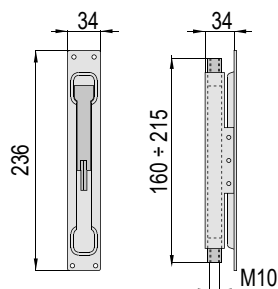
### CATENACCIO DA INCASSO A SEMPLICE AZIONE VERNICIATO NERO



Corsa: 28mm  
 Single action lever built-in bolt, in zinked steel, black painted.  
 Stroke: 28mm  
 Verrou encastrable à action simple, en acier zingué, peint en noir.  
 Course: 28mm

COD.			€/pz
CL24N/L	10	0,105	

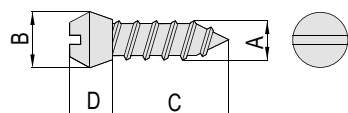
### CATENACCIO DA INCASSO A LEVA PESANTE A DOPPIA AZIONE



In acciaio zincato, verniciato nero  
 Heavy lever built-in bolt with sliding guide. In zinked steel, black painted  
 Verrou encastrable lourd à levier avec coulissement sur glissières.  
 Peint en noir

COD.			€/pz
CL34	8	0,680	

### VITE AUTOFILETTANTE IMPRONTA A TAGLIO IN ACCIAIO

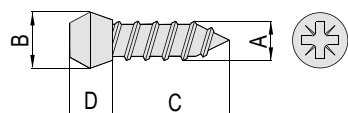


Self-tapping screw slotted head in zinked steel

Vis autoforeuse en acier zingué avec coup à tournevis

COD.	A	B	C	D			€/pz
VF/10	4	6	9,5	5,5	1000	0,001	
VF/12	4,8	7,5	13	5,7	1000	0,003	

### VITE AUTOFILETTANTE IMPRONTA A CROCE IN ACCIAIO

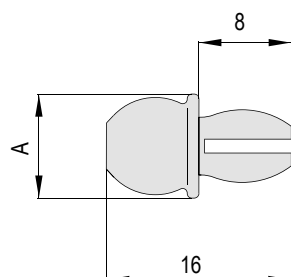


Self-tapping screw cross-cut in zinked steel

Vis autoforeuse en acier zingué avec empreinte à croix

COD.	A	B	C	D			€/pz
VFC/12	4,8	7,5	13	5,7	1000	0,003	

### VITE A SCATTO IN NYLON

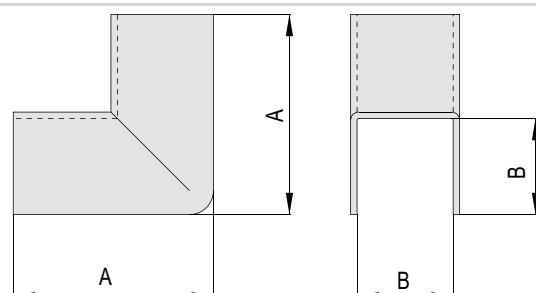


Snap screw in nylon

Clip en nylon

COD.	A			€/pz
VN/10	8	1000	0,005	
VN/12	9	1000	0,005	

### COPRIANGOLO QUADRO IN ACCIAIO ZINCATO



Angle cover in zinked steel

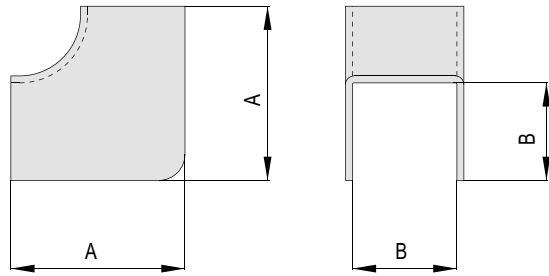
Couvre angle en acier zingué

COD.	A	B			€/pz
CA/10	24	10	1000	0,005	
CA/12	25	12	1000	0,005	

AD ESAURIMENTO  
O  
A  
EPUISSEMENT

**COPRIANGOLO TONDO IN ACCIAIO ZINCATO**

CA/10R AD ESAURIMENTO  
CA/10R A EPUISEMENT



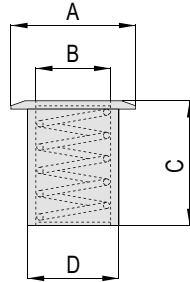
Round angle cover in zinked steel

Couvre angle rond en acier zingué

COD.	A	B			€/pz
CA/10R	18	10	1000	0,005	
CA/12R	20	12	1000	0,005	

**POZZETTO ANTIPOLVERE PER ASTA SERRATURA IN OTTONE**

PA28/10-6 AD ESAURIMENTO  
PA28/10-6 A EPUISEMENT



Dust proof socket for locks, in bright brass with spring

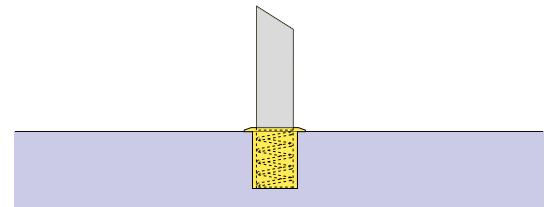
Gâche à ressort anti-poussière, en laiton poli pour barres des serrures

COD.	A	B	C	D			€/pz
PA28/10-6	15	6	30	10	100	0,010	
PA28/12-8	18	8	30	12	100	0,014	
PA28/14-10	20	10	30	14	100	0,016	
PA28/16-12	22	12	30	16	100	0,018	
PA28/18-14	24	14	30	18	100	0,022	
PA28/20-16	28	16	30	20	50	0,025	
PA28/22-18	30	18	31	22	50	0,028	
PA28/24-20	32	20	32	24	50	0,030	
PA28/25-22	34	22	30	25	50	0,032	

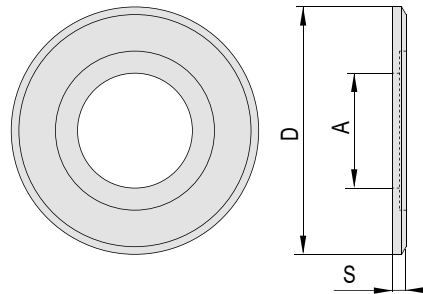
Pozzetti in ottone con piastrina anti polvere.  
Per aste da 6,8,10,12,14,16,18,20,22mm

Spring socket in brass, with plaque against dust.  
For auctions of 6,8,10,12,14,16,18,20,22mm

Gâche à ressorts en laiton, avec plaque anti-poussière, pour enchères de 6,8,10,12,14,16,18,20,22mm



**RONDELLE COPRIFORO PER POZZETTI ANTIPOLVERE IN OTTONE**



Washers coverhole for dust proof sockets, in brass

Rondelles couvre-trou pour puisards en laiton

COD.	A	D	S	Pozzetto Sumps Puisards			€/pz
RO/P13	12,5	28	1,5	PA28/12-8	100	0,005	
RO/P15	14,5	34	1,5	PA28/14-10	100	0,008	
RO/P17	16,5	34	1,5	PA28/16-12	100	0,006	
RO/P19	18,5	34	1,5	PA28/18-14	100	0,006	



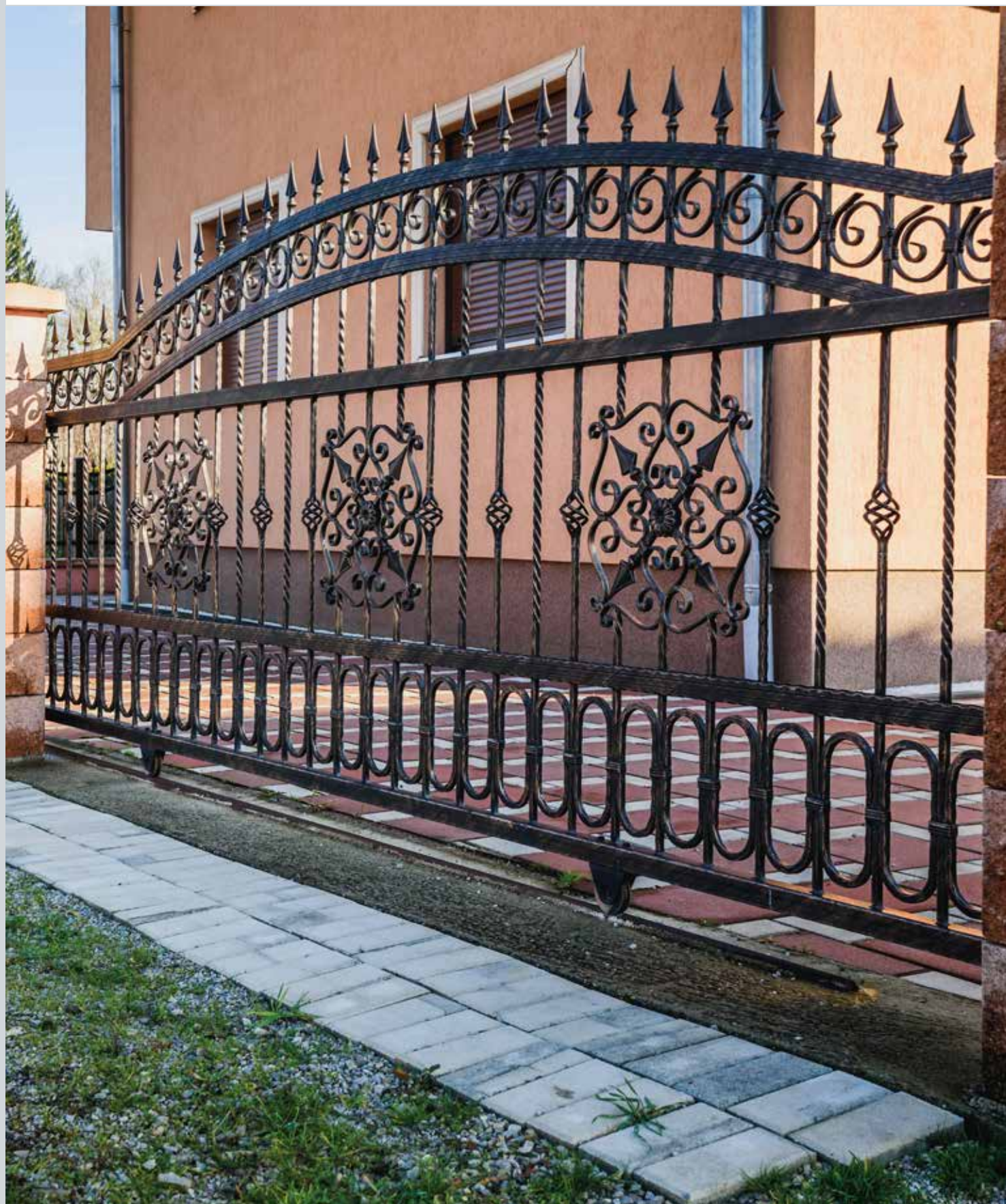


# LANCE E ORNAMENTI

■ COPRIPILASTRI, LANCE, BORCHIE, ORNAMENTI, POMOLI, PIGNE E SFERE

■ COVER PILLAR, LANCES, BOSSES, ORNAMENTS, BALL GRIPS, CROWNS AND BALLS

■ COUVRE PILIER, LANCES, GARNITURES, ORNEMENTS, POMMEAUX, POMMES ET BOULES







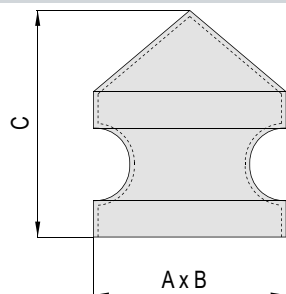
# COPRIPILASTRI IN ACCIAIO

■ COPRIPILASTRI IN ACCIAIO

🇬🇧 COVER PILLAR IN STEEL

■ COUVRE PILIER EN ACIER

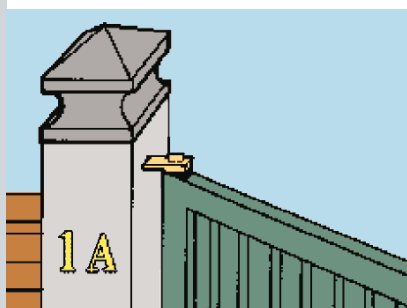
## COPRIPILASTRO SAGOMATO IN ACCIAIO



🇬🇧 Shaped cover pillar in steel, hot forged welded plate, with flashes

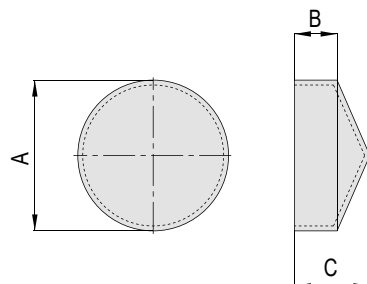
■ Couverture de pilier, profilé en acier, tôle soudée forgée à chaud avec bavures

CPL70 AD, ESAURIMENTO  
CPL70 B, DISPONIBILE  
CPL70 A, EPUISÉMENT



COD.	A	B	C			€/pz
CPL50	50	50	73	12	0,126	
CPL60	60	60	88	12	0,200	
CPL70	70	70	103	12	0,254	
CPL80	80	80	110	12	0,280	
CPL100	100	100	150	12	0,580	
CPL120	120	120	160	12	0,810	
CPL150	150	150	200	4	1,235	
CPL200	200	200	266	2	1,500	

## COPRIPILASTRO TONDO IN ACCIAIO

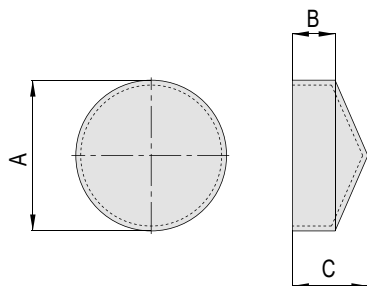


🇬🇧 Round cover pillar with edge, in steel

■ Couverture de pilier rond avec bord, en acier

COD.	A	B	C			€/pz
CPT30	34	13	21	250	0,022	
CPT33	37	9	21	250	0,025	
CPT42	46	13	21	160	0,036	
CPT48	52	15	28	110	0,050	
CPT60	64	15	30	70	0,069	
CPT76	80	15	32	50	0,096	
CPT90	94	13	32	40	0,116	
CPT101	105	13	32	36	0,148	
CPT114	118	13	32	32	0,179	

COPRIPILASTRO TONDO IN ACCIAIO ZINGATO

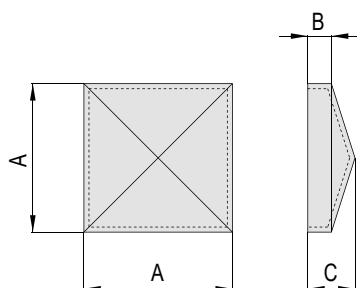
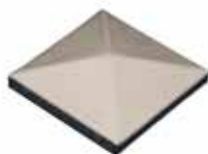


Round cover pillar with edge, in zinked steel

Couverture de pilier rond avec bord, en acier zingué

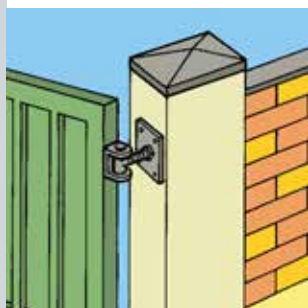
COD.	A	B	C			€/pz
CPT30Z	34	13	21	250	0,022	
CPT33Z	37	9	21	250	0,025	
CPT42Z	46	13	21	160	0,036	
CPT48Z	52	15	28	110	0,050	
CPT60Z	64	15	30	70	0,069	
CPT76Z	80	15	32	50	0,096	
CPT90Z	94	13	32	40	0,116	
CPT101Z	105	13	32	36	0,148	
CPT114Z	118	13	32	32	0,179	

COPRIPILASTRO QUADRO IN ACCIAIO



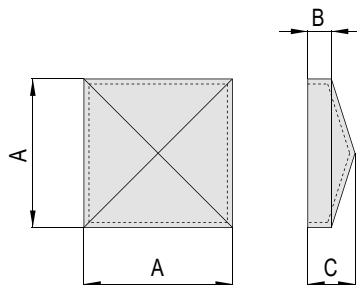
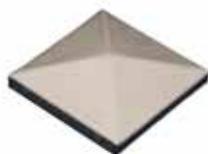
Square cover pillar with edge, in steel

Couverture de pilier carré avec bord, en acier



COD.	A	B	C			€/pz
CP20	24	7,5	11	300	0,014	
CP30	34	9	15	300	0,023	
CP40	44	8,5	17	180	0,038	
CP50	54	8,5	17,5	120	0,052	
CP60	64	9,5	20	80	0,067	
CP80	84	9,5	20	50	0,109	
CP100	104	7,5	25	40	0,163	
CP120	124	12	30	40	0,222	
CP150	154	15	35	20	0,343	
CP175	179	7,5	36	25	0,570	
CP200	204	7,5	38	20	0,720	

COPRIPILASTRO QUADRO IN ACCIAIO ZINGATO

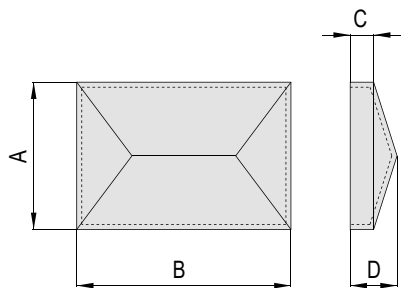


Square cover pillar with edge, in zinked steel

Couverture de pilier carré avec bord, en acier zingué

COD.	A	B	C			€/pz
CP20Z	24	7,5	11	300	0,014	
CP30Z	34	7,5	12	300	0,023	
CP40Z	44	7,5	14	180	0,038	
CP50Z	54	7,5	16	120	0,052	
CP60Z	64	7,5	19	80	0,067	
CP80Z	84	7,5	21	50	0,109	
CP100Z	104	7,5	25	40	0,163	
CP120Z	124	7,5	28	40	0,222	
CP150Z	154	7,5	34	20	0,343	
CP175Z	179	7,5	36	25	0,570	
CP200Z	204	7,5	38	20	0,720	

COPRIPILASTRO RETTANGOLARE IN ACCIAIO

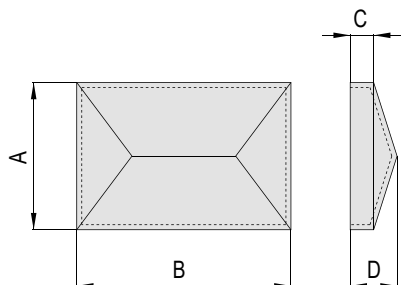


Rectangular cover pillar with edge, in steel

Couverture de pilier rectangulaire avec bord, en acier

COD.	A	B	C	D			€/pz
CPR2030	24	34	7	12	300	0,019	
CPR2040	24	44	7	12	300	0,023	
CPR3050	34	54	7	14	200	0,036	
CPR3060	34	64	7	14	200	0,041	
CPR4060	44	64	7	16	100	0,050	
CPR4080	44	84	7	16	100	0,066	
CPR50100	54	104	7	20	60	0,092	

COPRIPILASTRO RETTANGOLARE IN ACCIAIO ZINCATO

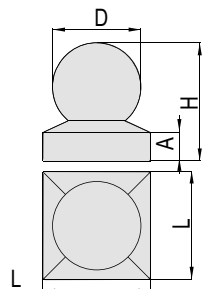


Rectangular cover pillar with edge, in zinked steel

Couverture de pilier rectangulaire avec bord, en acier zingué

COD.	A	B	C	D			€/pz
CPR2030Z	24	34	7	12	300	0,019	
CPR2040Z	24	44	7	12	300	0,023	
CPR3050Z	34	54	7	14	200	0,036	
CPR3060Z	34	64	7	14	200	0,041	
CPR4060Z	44	64	7	16	100	0,050	
CPR4080Z	44	84	7	16	100	0,066	
CPR50100Z	54	104	7	20	60	0,092	

COPRIPILASTRO SAGOMATO IN ACCIAIO GREZZO



Shaped cover pillar, in raw steel

Couverture de pilier, en acier brut

COD.	A	D	H	L			€/pz
CPS50	17	52	75	53	25	0,115	
CPS70	20	66	90	73	25	0,130	
CPS80	20	75	100	83	25	0,255	
CPS100	20	90	105	104	25	0,285	



# COPRIPILASTRI IN PLASTICA NERA

■ COPRIPILASTRI IN PLASTICA NERA

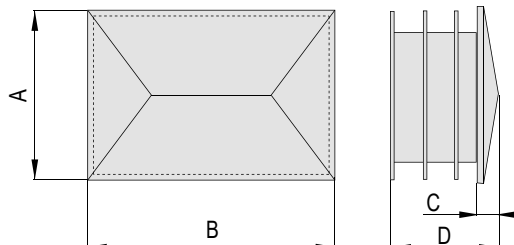
🇬🇧 COVER PILLAR IN BLACK PLASTIC

■ COUVRE PILIER EN PLASTIQUE NOIR

## COPRIPILASTRO RETTANGOLARE SAGOMATO IN PLASTICA

🇬🇧 Rectangular cover pillar in plastic

■ Couverture de pilier rectangulaire en plastique

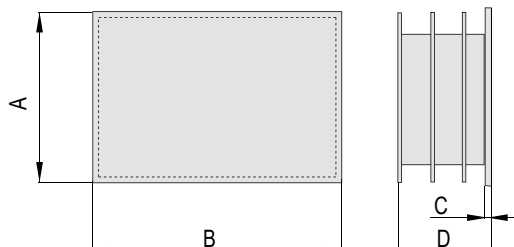


COD.	A	B	C	D			€/pz
<b>CPPR1530</b>	15	30	3,5	13,5	200	0,004	
<b>CPPR2030</b>	20	30	4	14	200	0,006	
<b>CPPR2040</b>	20	40	4	15	100	0,012	
<b>CPPR2540</b>	25	40	4	16	100	0,014	
<b>CPPR3040</b>	30	40	5	18	100	0,009	
<b>CPPR3050</b>	30	50	5	18	50	0,009	
<b>CPPR3060</b>	30	60	6	22	50	0,014	
<b>CPPR30100</b>	30	100	3	19	50	0,025	

## COPRIPILASTRO RETTANGOLARE PIANO IN PLASTICA

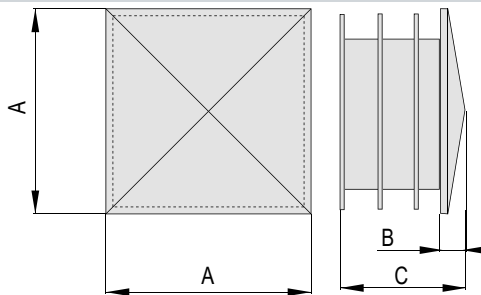
🇬🇧 Flat rectangular cover pillar, in plastic

■ Couverture de pilier rectangulaire, plan, en plastique



COD.	A	B	C	D			€/pz
<b>CPPR1530P</b>	15	30	5	17	200	0,004	
<b>CPPR2030P</b>	20	30	5	22	200	0,006	
<b>CPPR2040P</b>	20	40	5	22	100	0,012	
<b>CPPR2050P</b>	20	50	5	22	100	0,015	
<b>CPPR2060P</b>	20	60	5	22	100	0,018	
<b>CPPR20100P</b>	20	100	6	29	50	0,039	
<b>CPPR2540P</b>	25	40	6	24	100	0,014	
<b>CPPR3040P</b>	30	40	6	24	100	0,009	
<b>CPPR3050P</b>	30	50	6	24	50	0,009	
<b>CPPR3060P</b>	30	60	6	27	50	0,014	
<b>CPPR3080P</b>	30	80	6	23	50	0,016	
<b>CPPR4060P</b>	40	60	6	23	50	0,016	
<b>CPPR4080P</b>	40	80	6	29	50	0,027	
<b>CPPR40100P</b>	40	100	6	29	50	0,034	
<b>CPPR50100P</b>	50	100	6	29	50	0,042	

### COPRIPILASTRO QUADRO SAGOMATO IN PLASTICA

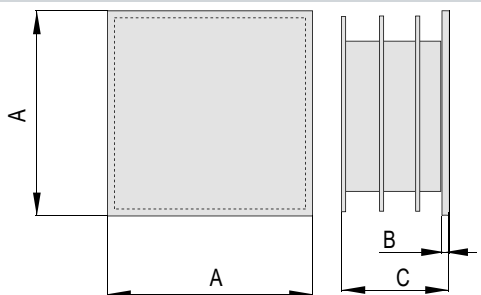


🇬🇧 Square cover pillar in plastic

🇫🇷 Couverture de pilier carré en plastique

COD.	A	B	C			€/pz
CPP12	12	3	12	200	0,002	
CPP15	15	3	14	200	0,002	
CPP16	16	3	10	200	0,015	
CPP20	20	4	15	200	0,003	
CPP25	25	5	20	100	0,006	
CPP30	30	5	20	100	0,012	
CPP35	35	4	19	50	0,012	
CPP40	40	4	20	50	0,009	
CPP50	50	5	25	50	0,024	
CPP60	60	5	25	50	0,041	

### COPRIPILASTRO QUADRO PIANO IN PLASTICA

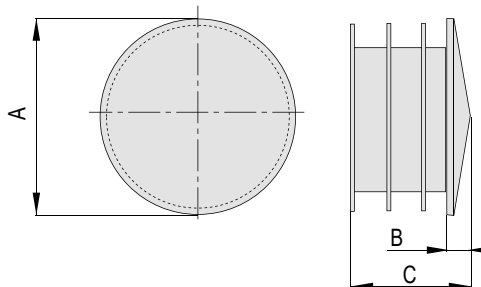


🇬🇧 Flat square cover pillar, in plastic

🇫🇷 Couverture de pilier carré, plan, en plastique

COD.	A	B	C			€/pz
CPP15P	15	4	15	200	0,002	
CPP20P	20	5	22	200	0,003	
CPP25P	25	5	22	100	0,006	
CPP30P	30	5	24	100	0,012	
CPP35P	35	6	24	50	0,012	
CPP40P	40	6	24	50	0,009	
CPP50P	50	6	27	50	0,024	
CPP60P	60	6	30	50	0,041	
CPP70P	70	6	31	25	0,050	
CPP80P	80	6	36	25	0,064	
CPP100P	100	6	36	25	0,097	

### COPRIPILASTRO TONDO SAGOMATO IN PLASTICA



🇬🇧 Round cover pillar in plastic

🇫🇷 Couverture de pilier rond en plastique

COD.	A	A (pollici)	B	C			€/pz
CPPT10	12	0 +15/32	2	10	500	0,002	
CPPT15	15	0 +19/32	3	11	200	0,005	
CPPT20	20	0 +25/32	4	17	200	0,005	
CPPT25	25	0 +31/32	5	17	200	0,005	
CPPT30	30	1 +3/16	5	20	100	0,005	
CPPT35	35	1 +3/8	5	22	100	0,006	
CPPT40	40	1 +9/16	5	22	50	0,007	
CPPT45	45	1 +25/32	5	22	50	0,008	
CPPT50	50	1 +31/32	5	22	50	0,009	
CPPT60	60	2 +3/8	5	22	50	0,012	
CPPT80	80	3 +5/32	6	23	50	0,020	
CPPT100	100	3 +15/16	6	35	50	0,060	





# LANCE IN ACCIAIO FORGIATO

🇮🇹 LANCE IN ACCIAIO FORGIATO PER CANCELLATE

🇬🇧 FORGED STEEL GATE LANCES

🇫🇷 LANCES EN ACIER FORGÉ POUR GRILLES

LD2000



H	●	📦	KG	€/pz
210	17	30	0,571	

LI2000



COD.	H	■	📦	KG	€/pz
LI2000/1	70	12	100	0,095	
LI2000/2	70	10	100	0,101	

LV2000



H	■	📦	KG	€/pz
140	14	50	0,350	

LT2000/1



H	■	📦	KG	€/pz
170	14	50	0,205	

LS2000



H	●	📦	KG	€/pz
128	15	100	0,114	

LO2000



COD.	H	■	📦	KG	€/pz
LO2000	125	20	50	0,218	
LO2000/1	160	32	25	0,600	

LR2000



H	●	📦	KG	€/pz
155	16	50	0,254	

LX2000



H	■	📦	KG	€/pz
155	40	10	1,085	

LT2000/4



H	●	📦	KG	€/pz
150	16	50	0,118	

LC2000/2



H	■	📦	KG	€/pz
120	25	50	0,195	

LE2001



COD.	H	●	📦	KG	€/pz
LE2001/1	115	20	50	0,200	
LE2001/2	133	26	50	0,260	

LZ2000/2



AD ESAURIMENTO TO EXHAUSTION A EPUISEMENT

H	●	📦	KG	€/pz
125	25	50	0,362	

LE2000



LE2000/4 AD ESAURIMENTO TO EXHAUSTION LE2000/4 A EPUISEMENT

COD.	H	●	📦	KG	€/pz
LE2000/2	130	12	50	0,192	
LE2000/3	155	17,5	50	0,302	
LE2000/4	192	19	40	0,486	

LH2000



COD.	H	●	📦	KG	€/pz
LH2000/1	97	20	200	0,086	
LH2000/2	135	25	50	0,158	
LH2000/3	160	30	50	0,294	
LH2000/4	190	32	40	0,410	

LF2000



COD.	H	●	📦	KG	€/pz
LF2000/2	127	13	50	0,128	
LF2000/3	147	16	50	0,286	
LF2000/4	192	20	40	0,478	

LM2000



COD.	H	●	📦	KG	€/pz
LM2000/1	80	22	100	0,110	
LM2000/2	110	28	50	0,240	
LM2000/3	140	32	40	0,404	

LG2000



AD ESAURIMENTO TO EXHAUSTION A EPUISEMENT

COD.	H	●	📦	KG	€/pz
LG2000/1	90	20	250	0,066	

LV2001



H	●	📦	KG	€/pz
125	31	50	0,272	

LP2000



COD.	H	■	📦	KG	€/pz
LP2000/1	82	15	100	0,084	
LP2000/2	110	18	100	0,162	
LP2000/3	140	23	50	0,310	
LP2000/4	170	25	50	0,440	



# BORCHIE E ORNAMENTI IN GHISA

🇮🇹 BORCHIE E ORNAMENTI IN GHISA

🇬🇧 CAST IRON ORNAMENTS

🇫🇷 GARNITURES ET ORNEMENTS EN FONTE

B/QG



COD.	H	L	∇			€/pz
B/QG12	22	∅40	12,5	100	0,122	
B/QG14	22	∅40	14,5	100	0,116	
B/QG16	22	∅40	16,5	100	0,112	

B/TG



COD.	H	L	∅			€/pz
B/TG12	22	∅40	12,5	100	0,126	
B/TG14	22	∅40	14,5	100	0,120	
B/TG16	22	∅40	16,5	100	0,108	

O/Q



O/Q14Q AD ESAURIMENTO  
O/Q14Q TO EXHAUSTION  
O/Q14Q A EPUISEMENT

COD.	H	L	∇			€/pz
O/Q14Q	28	∇40	14,5	50	0,150	
O/Q16Q	28	∇40	16,5	50	0,132	

OD/Q



COD.	H	L	∇			€/pz
OD/Q12Q	65	∇41	12,5	50	0,295	
OD/Q14Q	65	∇41	14,5	50	0,270	
OD/Q16Q	65	∇41	16,5	50	0,242	

O/MQ



COD.	H	L	∇			€/pz
O/MQ12Q	38	∇41	12,5	50	0,198	
O/MQ14Q	38	∇41	14,5	50	0,194	
O/MQ16Q	38	∇41	16,5	50	0,189	

🇮🇹 Zincabili solo a freddo

🇬🇧 Cold zincable only

🇫🇷 Zingables seulement à froid





# ORNAMENTI IN ACCIAIO DI FUSIONE

🇮🇹 ORNAMENTI IN ACCIAIO DI FUSIONE

🇬🇧 CAST STEEL ORNAMENTS

🇫🇷 ORNEMENTS EN FONTE D'ACIER

O/P



COD.	H	L	∅			€/pz
O/P12	40	∅40	12,5	50	0,194	
O/P14	40	∅40	14,5	50	0,176	
O/P16	40	∅40	16,5	50	0,166	

O/PQ



COD.	H	L	∅			€/pz
O/P12Q	40	∅40	12,5	50	0,194	
O/P14Q	40	∅40	14,5	50	0,176	

OD/P



COD.	H	L	∅			€/pz
OD/P12	65	∅40	12,5	50	0,260	
OD/P14	65	∅40	14,5	50	0,246	
OD/P16	65	∅40	16,5	50	0,212	

OD/PQ



COD.	H	L	∅			€/pz
OD/P12Q	65	∅40	12,5	50	0,260	
OD/P14Q	65	∅40	14,5	50	0,246	

O/M



COD.	H	L	∅			€/pz
O/M12Q	42	∅42	12,5	50	0,235	
O/M14Q	42	∅42	14,5	50	0,220	
O/M16Q	42	∅42	16,5	50	0,216	

OD/M



COD.	H	L	∅			€/pz
OD/M12Q	68	∅42	12,5	50	0,347	
OD/M14Q	68	∅42	14,5	50	0,345	
OD/M16Q	68	∅42	16,5	50	0,340	

O/MQ



COD.	H	L	∅			€/pz
O/MQ12QA	38	∅41	12,5	50	0,238	
O/MQ14QA	38	∅41	14,5	50	0,234	
O/MQ16QA	38	∅41	16,5	50	0,229	

OD/Q



COD.	H	L	∅			€/pz
OD/Q12QA	65	∅41	12,5	50	0,335	
OD/Q14QA	65	∅41	14,5	50	0,310	
OD/Q16QA	65	∅41	16,5	50	0,282	

O/Q



COD.	H	L	∅			€/pz
O/Q12QA	28	∅40	12,5	50	0,198	
O/Q14QA	28	∅40	14,5	50	0,190	
O/Q16QA	28	∅40	16,5	50	0,172	



🇮🇹 Si consiglia di saldare ad elettrodo e di zincare ad una temperatura massima di 430°-460°

🇬🇧 We recommend electrode welding and galvanizing at a maximum temperature of 430°-460°

🇫🇷 On conseille de souder à électrode et zinguer à une température maximale de 430°-460°



# BORCHIE E ORNAMENTI IN ACCIAIO FORGIATO

■ ■ BORCHIE E ORNAMENTI IN ACCIAIO FORGIATO

🇬🇧 FORGED STEEL ORNAMENTS

■ ■ GARNITURES ET ORNEMENTS EN ACIER FORGÉ

B/Q



COD.	H	L	∅			€/pz
B/Q12	22	∅40	12,5	100	0,126	
B/Q14	22	∅40	14,5	100	0,116	
B/Q16	22	∅40	16,5	100	0,106	

B/T



COD.	H	L	∅			€/pz
B/T12	22	∅40	12,5	100	0,136	
B/T14	22	∅40	14,5	100	0,120	
B/T16	22	∅40	16,5	100	0,108	
B/T20	22	∅40	20,5	100	0,106	

O/P



COD.	H	L	∅			€/pz
O/P12F	38	∅39	12,5	50	0,194	
O/P14F	38	∅39	14,5	50	0,176	
O/P16F	38	∅39	16,5	50	0,166	

OD/P



COD.	H	L	∅			€/pz
OD/P12F	65	∅39	12,5	50	0,265	
OD/P14F	65	∅39	14,5	50	0,250	
OD/P16F	65	∅39	16,5	50	0,220	

OD/PQ



COD.	H	L	∅			€/pz
OD/P12QF	65	∅42	12,5	50	0,245	
OD/P14QF	65	∅42	14,5	50	0,230	
OD/P16QF	65	∅42	16,5	50	0,200	

B/C



COD.	H	L	∅			€/pz
B/C12	65	∅34	12,5	40	0,246	
B/C14	65	∅34	14,5	40	0,198	
B/C16	65	∅34	16,5	40	0,180	

O/M



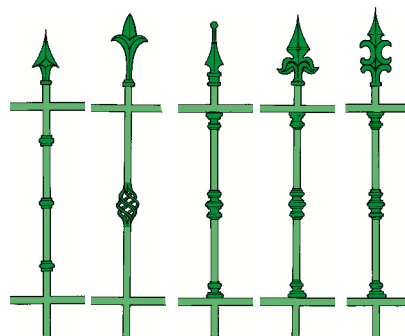
COD.	H	L	∅			€/pz
O/M12	42	∅42	12,5	50	0,236	
O/M14	42	∅42	14,5	50	0,222	
O/M16	42	∅42	16,5	50	0,218	
O/M18	42	∅42	18,5	50	0,182	
O/M20	42	∅42	20,5	50	0,174	

OD/M



COD.	H	L	∅			€/pz
OD/M12	68	∅42	12,5	50	0,346	
OD/M14	68	∅42	14,5	50	0,344	
OD/M16	68	∅42	16,5	50	0,318	
OD/M18	68	∅42	18,5	50	0,266	
OD/M20	68	∅42	20,5	50	0,238	

OD/M12 AD ESAURIMENTO  
OD/M12 TO EXHAUSTION  
OD/M12 A EPUISEMENT







# BORCHIE E ORNAMENTI IN ACCIAIO TORNITO

■ BORCHIE E ORNAMENTI IN ACCIAIO TORNITO

🇬🇧 TURNED STEEL ORNAMENTS

■ GARNITURES ET ORNEMENTS EN ACIER TOURNÉ

O/S



COD.	H	L	∅			€/pz
O/S12	26	∅36	12,5	125	0,100	
O/S14	26	∅36	14,5	125	0,095	
O/S16	26	∅36	16,5	125	0,086	
O/S18	26	∅36	18,5	125	0,072	

O/D



COD.	H	L	∅			€/pz
O/D12	60	∅36	12,5	50	0,225	
O/D14	60	∅36	14,5	50	0,205	
O/D16	60	∅36	16,5	50	0,183	
O/D18	60	∅36	18,5	50	0,157	

O/PT



COD.	H	L	∅			€/pz
O/PT12	38	∅36	12,5	50	0,120	
O/PT14	38	∅36	14,5	50	0,110	

OD/PT



COD.	H	L	∅			€/pz
OD/PT12	64,4	∅36	12,5	50	0,200	
OD/PT14	64,4	∅36	14,5	50	0,190	

O/SX



COD.	H	L	∅			€/pz
O/SX10	24	∅25	10,5	250	0,037	
O/SX12	24	∅25	12,5	250	0,030	

O/DX



COD.	H	L	∅			€/pz
O/DX10	42	∅25	10,5	100	0,060	
O/DX12	42	∅25	12,2	100	0,045	

O/SS



COD.	H	L	∅			€/pz
O/SS12	26	∅31	12,5	100	0,061	
O/SS14	26	∅31	14,5	100	0,055	

O/DS



COD.	H	L	∅			€/pz
O/DS12	60	∅31	12,5	100	0,116	
O/DS14	60	∅31	14,5	100	0,095	

O/SV



COD.	H	L	∅			€/pz
O/SV12	26	∅31	12,5	100	0,060	
O/SV14	26	∅31	14,5	100	0,047	

O/DV



COD.	H	L	∅			€/pz
O/DV12	60	∅31	12,5	100	0,125	
O/DV14	60	∅31	14,5	100	0,104	

O/SV12 AD ESAURIMENTO  
O/SV12 TO EXHAUSTION  
O/SV12 A EPUISEMENT

O/DV12 AD ESAURIMENTO  
O/DV12 TO EXHAUSTION  
O/DV12 A EPUISEMENT

B/TT

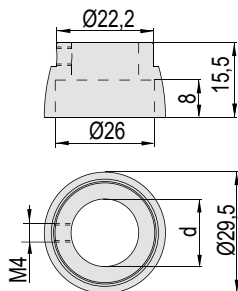


COD.	H	L	Ø			€/pz
<b>B/TT12</b>	22	Ø36	12,5	100	0,138	
<b>B/TT14</b>	22	Ø36	14,5	100	0,134	
<b>B/TT16</b>	22	Ø36	16,5	100	0,126	
<b>B/TT18</b>	22	Ø36	18,5	100	0,120	

ORNAMENTO TORNITO COPRISALDATURA

Turned ornament to cover welding

Ornement tourné pour couvrir la soudure



COD.	d			€/pz
<b>O/S14/F</b>	14,5	500	0,024	
<b>O/S16/F</b>	16,5	500	0,021	



# ORNAMENTI DISTANZIATORI REGOLABILI

■ ■ ORNAMENTI DISTANZIATORI REGOLABILI IN ACCIAIO TORNITO

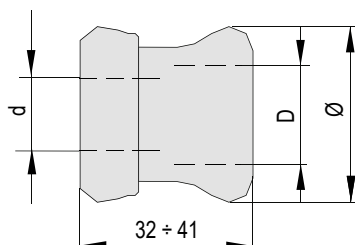
🇬🇧 ADJUSTABLE SPACERS IN TURNED STEEL

■ ■ ENTRETOISE REGLABLE EN ACIER TOURNÉ

## DISTANZIATORE REGOLABILE PER GRATE, IN ACCIAIO ZINCATO

🇬🇧 Adjustable spacer for fences, in zinked steel

■ ■ Entretoise réglable pour grilles, en acier zingué

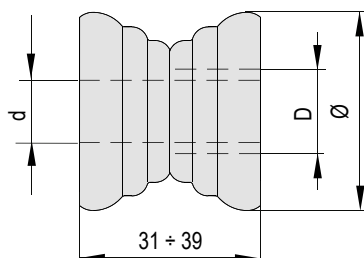


COD.	d	D	Ø			€/pz
DGL30Z	12	M18	29,6	20	0,093	
DGLZ	14	M20	34,6	20	0,127	

## DISTANZIATORE REGOLABILE PER GRATE, IN ACCIAIO ZINCATO

🇬🇧 Adjustable spacer for fences, in zinked steel

■ ■ Entretoise réglable pour grilles, en acier zingué

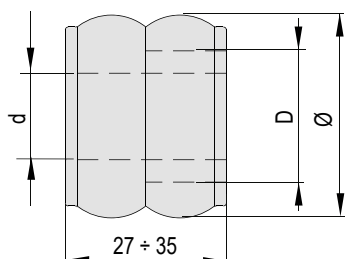


COD.	d	D	Ø			€/pz
DGB30Z	14,5	M20	30	20	0,085	
DGB34Z	14,5	M20	34	20	0,118	

## DISTANZIATORE REGOLABILE PER GRATE, IN ACCIAIO ZINCATO

🇬🇧 Adjustable spacer for fences, in zinked steel

■ ■ Entretoise réglable pour grilles, en acier zingué

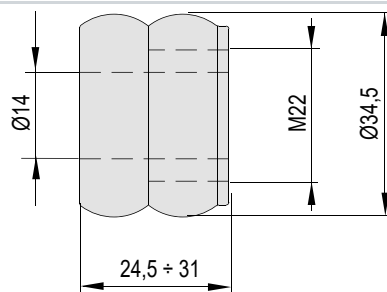


COD.	d	D	Ø			€/pz
DGA30Z	12	M18	30	20	0,087	
DGA35Z	14	M22	34,5	20	0,122	

## DISTANZIATORE REGOLABILE PER GRATE, IN ACCIAIO ZINCATO

🇬🇧 Adjustable spacer for fences, in zinked steel

■ ■ Entretoise réglable pour grilles, en acier zingué

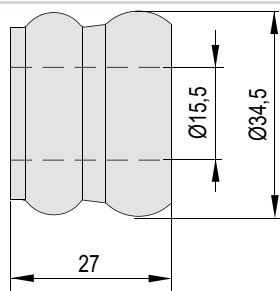


COD.			€/pz
DGC35Z	20	0,110	

## DISTANZIATORE FISSO PER GRATE, IN ACCIAIO ZINCATO

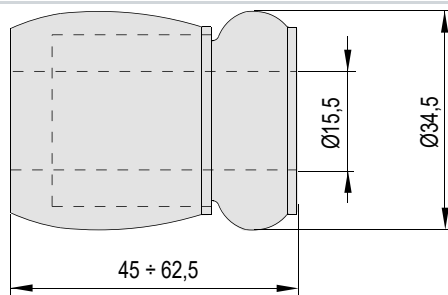
🇬🇧 Fix spacer for fences, in zinked steel

■ ■ Entretoise fixe pour grilles, en acier zingué



COD.			€/pz
DGCF35Z	20	0,130	

DISTANZIATORE REGOLABILE PER GRATE, IN ACCIAIO ZINCATO

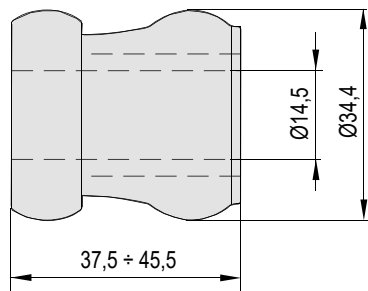


Adjustable spacer for fences, in zinked steel

Entretoise réglable pour grilles, en acier zingué

COD.			€/pz
DGH35Z	20	0,193	

DISTANZIATORE REGOLABILE PER GRATE, IN ACCIAIO ZINCATO

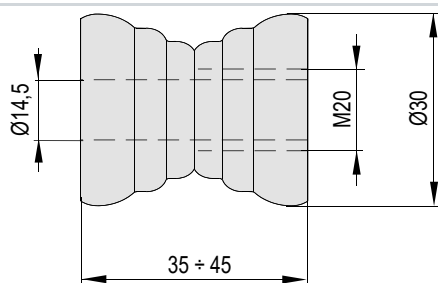


Adjustable spacer for fences, in zinked steel

Entretoise réglable pour grilles, en acier zingué

COD.			€/pz
DGI35Z	20	0,135	

DISTANZIATORE REGOLABILE PER GRATE, IN ACCIAIO ZINCATO

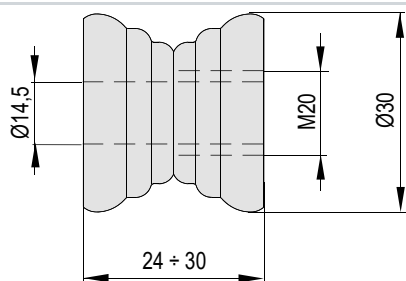


Adjustable spacer for fences in zinked steel

Entretoise réglable pour grilles, en acier zingué

COD.			€/pz
DGN30Z	20	0,098	

DISTANZIATORE REGOLABILE PER GRATE, IN ACCIAIO ZINCATO

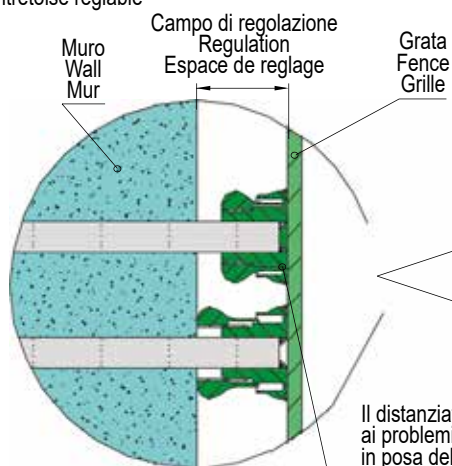


Adjustable spacer for fences, in zinked steel

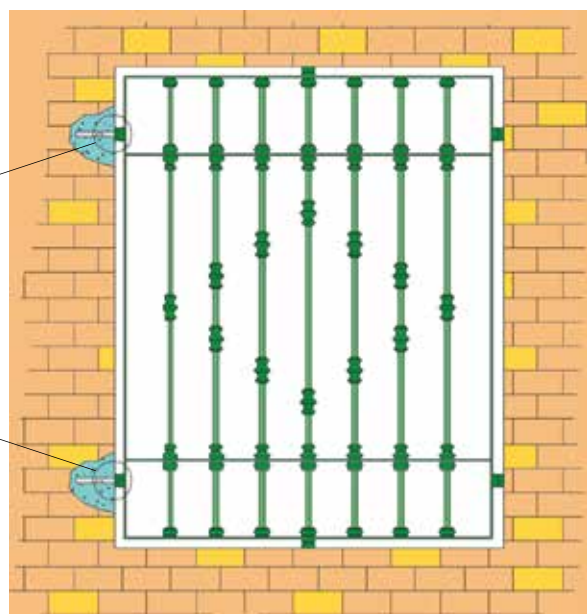
Entretoise réglable pour grilles, en acier zingué

COD.			€/pz
DGP30Z	20	0,070	

Distanziatore regolabile  
Adjustable spacer  
Entretoise réglable



Il distanziatore regolabile permette di ovviare ai problemi che si presentano durante la messa in posa delle grate.  
Il particolare comprende due elementi filettati maschio e femmina, avvitati l'uno su l'altro in misura variabile. Avvitando o svitando si vanno a recuperare le eventuali variazioni di distanza fra grata e muro nei diversi punti di attacco.





# BORCHIE E ORNAMENTI IN OTTONE

■ BORCHIE E ORNAMENTI IN OTTONE

🇬🇧 BRASS ORNAMENTS

■ GARNITURES ET ORNEMENTS EN LAITON

O/POT14



H	L	Ø			€/pz
38	Ø40	14,5	50	0,173	

OD/POT14



H	L	Ø			€/pz
65	Ø40	14,5	50	0,260	

O/DXOT12



H	L	Ø			€/pz
42	Ø25	14,2	100	0,050	

O/DSOT



COD.	H	L	Ø			€/pz
O/DSOT12	60	Ø31	12,5	100	0,129	
O/DSOT14	60	Ø34	14,5	100	0,110	

B/TOT



COD.	H	L	Ø			€/pz
B/TOT12	22	Ø36	12,5	100	0,155	
B/TOT14	22	Ø36	14,5	100	0,145	
B/TOT16	22	Ø36	16,5	100	0,138	

# ORNAMENTI IN OTTONE LUCIDO

■ ORNAMENTI IN OTTONE LUCIDO

🇬🇧 BRIGHT BRASS ORNAMENTS

■ ORNEMENTS EN LAITON POLI



O/SXOTL

AD ESAURIMENTO  
TO EXHAUSTION  
A EPUISEMENT



COD.	H	L	Ø			€/pz
O/SXOTL10	24	Ø25	10,5	200	0,040	
O/SXOTL12	24	Ø25	12,5	200	0,030	





# POMOLI, PIGNE, ORNAMENTI E MANIGLIE

■ ■ POMOLI, PIGNE, ORNAMENTI E MANIGLIE IN ACCIAIO FORGIATO

🇬🇧 ORNAMENTS AND HANDLES IN FORGED STEEL

■ ■ BOUTONS, POMMES DE PIN, ORNAMENTS ET POIGNÉE EN ACIER FORGÉ

CP/2028



H	●	📦	KG	€/pz
80	28	25	0,452	

CP/5050F



H	●	📦	KG	€/pz
90	50	20	0,830	

CP/2040



H	●	📦	KG	€/pz
88,5	40	25	0,554	

CP/2055F



H	●	📦	KG	€/pz
120	55	10	0,610	

CP



COD.	H	●	📦	KG	€/pz
CP/2048	100	48	15	0,864	
CP/2050F	100	50	20	0,864	

CP/F



COD.	H	●	📦	KG	€/pz
CP/4530F	45	21	100	0,178	
CP/5045F	62	37	25	0,400	
CP/7055F	70	47	20	0,778	
CP/8065F	80	65	10	1,502	

PO12Q



H	D	□	📦	KG	€/pz
100	Ø27	12	50	0,160	

PO18T



H	D	Ø	📦	KG	€/pz
125	Ø40	18	50	0,372	

PG



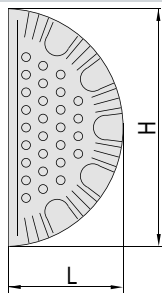
COD.	H	L	■	📦	KG	€/pz
PG10	110	45	10	50	0,180	
PG12	130	50	12	30	0,196	
PG14	130	60	14	20	0,266	
PG16	170	70	16	15	0,478	



### MANIGLIA SAGOMATA PER CANCELLI

Shaped handle for gates

Poignée façonnée pour grilles

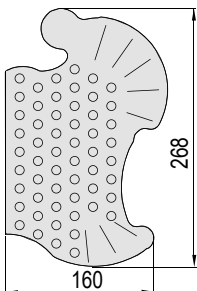


COD.	H	L	S			€/pz
MC	270	130	3	30	0,570	

### MANIGLIA SAGOMATA PER CANCELLI

Shaped handle for gates

Poignée façonnée pour grilles

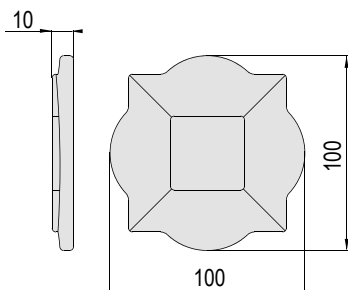


COD.	Versione Version Version			€/pz
MCC/D	Destra Right Droite	10	0,664	
MCC/S	Sinistra Left Gauche	10	0,664	

### ORNAMENTO IN ACCIAIO DI FUSIONE

Ornament in cast steel

Ornement en fonte d'acier

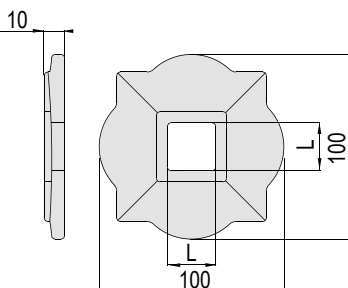


COD.			€/pz
PIAS/CF	50	0,434	

### ORNAMENTO FORATO IN ACCIAIO DI FUSIONE

Drilled ornament in cast steel

Ornement percé en fonte d'acier

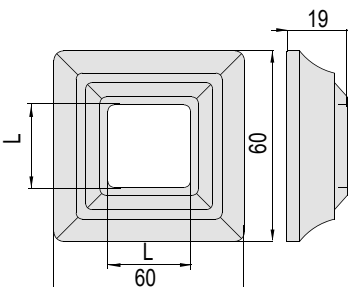


COD.	L			€/pz
PIAS/Q25F	26	50	0,413	
PIAS/Q30F	31	50	0,404	

### ORNAMENTO FORATO IN ACCIAIO DI FUSIONE

Drilled ornament in cast steel

Ornement percé en fonte d'acier

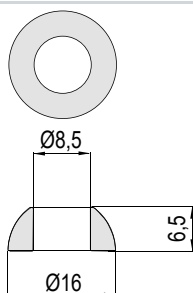


COD.	L			€/pz
PIAS60/Q25F	26	50	0,139	
PIAS60/Q30F	31	50	0,129	

### BORCHIA FINTO CHIUDO PER PORTONI RUSTICI IN ACCIAIO

Upholstery in steel

Goujon avec foux clou en acier



COD.			€/pz
CF16	200	0,008	



# SFERE IN OTTONE E ACCIAIO

🇮🇹 SFERE IN OTTONE E ACCIAIO

🇬🇧 BRASS AND STEEL SPHERES

🇫🇷 BOULES EN LAITON ET EN ACIER

## SFERA LISCIA IN ACCIAIO STAMPATO

🇬🇧 Smooth sphere in stamped steel

🇫🇷 Bille lisse en acier estampé



COD.	∅			€/pz
SF15	15	200	0,012	
SF20	20	200	0,037	
SF25	25	200	0,062	
SF30	30	100	0,110	
SF35	35	100	0,170	
SF40	40	50	0,254	
SF50	50	25	0,523	
SF60	60	20	0,880	
SF70	70	10	1,476	
SF80	80	7	2,968	
SF90	90	5	3,038	
SF100	100	4	4,000	

## SFERA TORNITA CON FORO FILETTATO CIECO IN ACCIAIO

🇬🇧 Turned steel sphere, with blind threaded hole

🇫🇷 Bille en acier avec trou borgne et fileté



COD.	H	∅	Foro Hole Trous			€/pz
SF20T	20,4	20	M6	200	0,040	
SF25T	25,5	25	M8	200	0,075	
SF30T	30,6	30	M10	100	0,110	
SF50T	51	50	M12	25	0,485	

## SFERA CON STRIATURE IN ACCIAIO DI FUSIONE

🇬🇧 Sphere with grooves in cast steel

🇫🇷 Bille avec striure en fonte d'acier



COD.	H	∅			€/pz
SF20S	20,4	20	200	0,040	
SF25S	25,5	25	200	0,075	
SF30S	30,6	30	100	0,110	
SF50S	51	50	25	0,485	

## SFERA TORNITA CON FORO FILETTATO CIECO IN OTTONE

🇬🇧 Turned brass sphere, with blind threaded hole

🇫🇷 Bille en laiton avec trou borgne et fileté



COD.	∅	Foro Hole Trous			€/pz
SF/320T	32	M6	100	0,140	
SF/490T	49	M10	25	0,486	

SFERA TORNITA CON FORO TONDO PASSANTE IN OTTONE

Turned brass sphere with through hole

Bille en laiton, avec trou

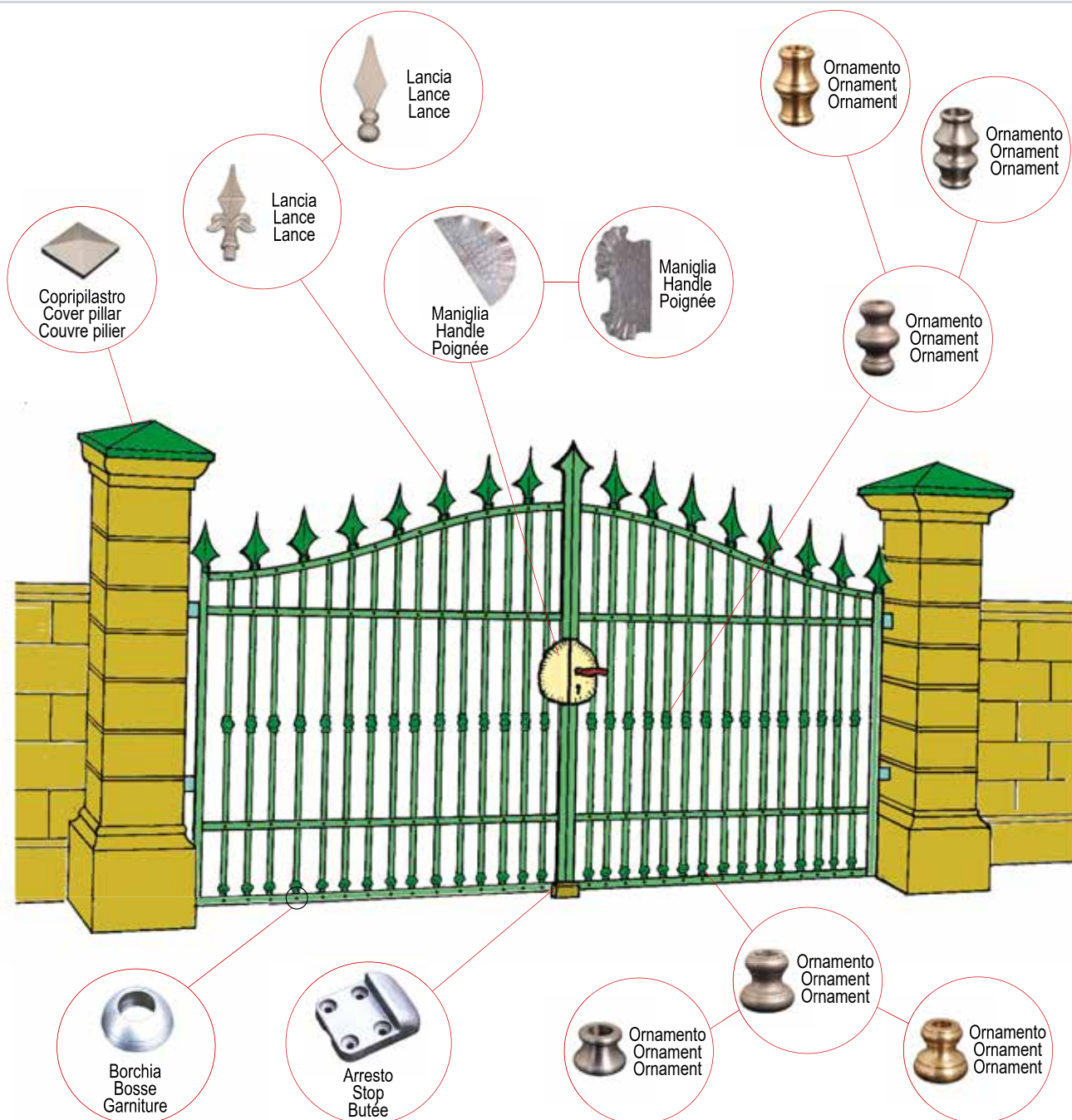


COD.	Ø	Foro Hole Trous			€/pz
SF/320T14	32	Ø14,5	100	0,100	

Accessori per cancelli in ferro battuto con apertura a battente

Wrought iron wing gate accessories

Accessoires pour portails à battant en fer forgé







# CHIUDIPIORTA E FERMA PERSIANE

🇮🇹 CHIUDIPIORTA PNEUMATICI REGOLABILI E FERMA PERSIANE

🇬🇧 PNEUMATIC ADJUSTABLE DOOR-CLOSERS AND BLINDS STOP

🇫🇷 FERME-PORTES PNEUMATIQUES RÉGLABLES ET ARRÊT VOILETS







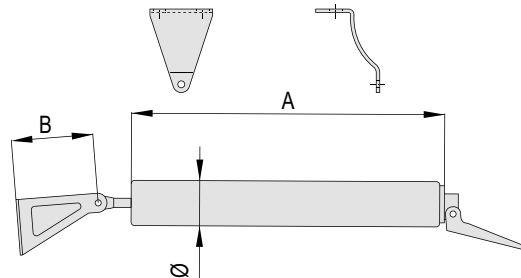
# CHIUDIPIORTA PNEUMATICI REGOLABILI

CHIUDIPIORTA PNEUMATICI REGOLABILI

PNEUMATIC ADJUSTABLE DOOR-CLOSERS

FERME-PORTES PNEUMATIQUES RÉGLABLES

## CHIUDIPIORTA PNEUMATICO REGOLABILE PER PORTE



Massima apertura 92°

Adjustable pneumatic door-closer.

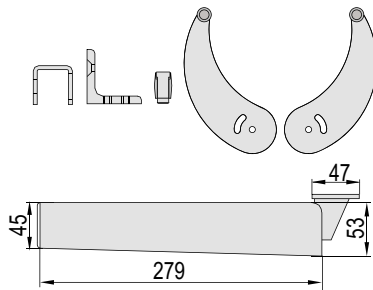
Max opening 92°

Ferme-porte pneumatique réglable.

Ouverture max 92°

COD.	Versione Version Version	A	B	Ø	KG		KG	€/pz
1107 A	Argento Silver Argent	270	70	39	25 ÷ 45	9	0,530	
1102 A	Argento Silver Argent	230	56	32	25 ÷ 45	9	0,390	
1102 B	Nero Black Noir	230	56	32	25 ÷ 45	9	0,390	

## CHIUDIPIORTA PNEUMATICO REGOLABILE PER CANCELLETTI



Applicabile su qualsiasi cancelletto in ferro, legno e alluminio; regolazione sia per la velocità di chiusura sia per lo scatto finale.

Portata max Kg. 50. Apertura utile max 90°. Colore nero

The pneumatic door-closer. Can be applied to all kinds of iron, wood and aluminium gate. Maximum capacity Kg. 50. Opening up to 90°. Black colour

Le ferme-porte pneumatique. Applicable a tous les portillons en fer, bois et aluminium. Capacité maximum Kg. 50. Ouverture jusqu'au 90°. Peint en noir

COD.		KG	€/pz
2200	1	1,294	

Applicabile a cancelletti di qualsiasi materiale: ferro, legno e alluminio

Apertura sino a 90°

Dimensioni max. 1m x 2m

Portata max. 50Kg

Colore nero

Fermo d'arresto

Regolazione per la velocità di chiusura

Non richiede alcuna manutenzione

**Testato per 100000 cicli di apertura / chiusura dall'istituto GIORDANO**

Applicable to gates of any material: iron, wood and aluminum

Opening up to 90°

Max. dimensions 1m x 2m

Max flow 50Kg

Black colour

Stop

Closing speed adjustment

No maintenance required

**Tested on 100000 opening / closing cycles by GIORDANO institute**

Applicable aux portillons de tous matériaux: fer, bois et aluminium

Ouverture jusqu'à 90°

Dimensions max. 1 m x 2 m

Capacité maximale 50 kg

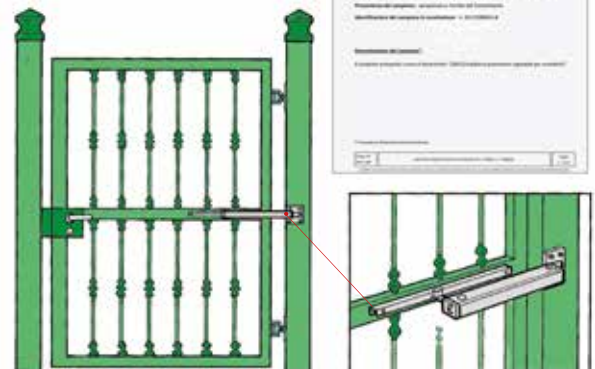
Couleur noir

Arrête

Réglage de la vitesse de fermeture

Il ne nécessite aucun entretien

**Teste pour 100000 cycles d'ouverture / fermeture par l'istitut GIORDANO**





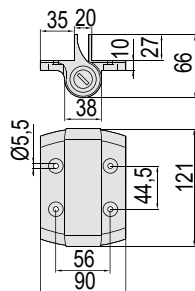
# CHIUDI CANCELLETTO REGOLABILE

CHIUDI CANCELLETTO REGOLABILE

ADW STABLE DOOR-CLOSER FOR GATES

FERME-PORTE RÉGLABLE POUR PORTILLONS

## COPPIA DI CERNIERE A MOLLA, REGOLABILI, PER CANCELLETTI



Coppia di cerniere a molla, ad avvitare, in plastica nera, con tappi copriviti. Adatto per realizzare la chiusura automatica di cancelletti con peso massimo complessivo di 70 Kg (per coppia di cerniere). Forza di chiusura regolabile agendo sulla vite di regolazione. Movimento di chiusura con molla in acciaio inox. Realizzato in materiale autolubrificante. Dotato di alette di centraggio per facilitare il montaggio. Facile e veloce da installare, può essere montato su cancelletti di qualsiasi materiale.

Pair of spring hinges to screw, in black plastic with screw covers. Suitable for automatic closing of pedestrian gates with a maximum weight of 70 kgs (for two hinges). Adjustable closing power by acting on the adjustment screw closing movement with stainless steel spring. Made in selflubricating material. Equipped with centring lugs to facilitate assembly. Easy and fast to install, it can be used on pedestrian gates of any material

Paire de charnières à ressort, en plastique noir, avec cache-vis. Parfaites pour la fermeture automatique des portillons avec un poids total maximum de 70 kg (par paire de charnières). Pouvoir de fermeture réglable agissant sur la vis de réglage. Mouvement de fermeture avec ressort en acier inoxydable. Fabriquées en matériau autolubrifiant. Équipées de cornes de centrage pour faciliter l'assemblage. Faciles et rapides à installer, on peut les monter sur des portillons de n'importe quel matériel.

COD.



70



1



0,610

€/pz

CM70

Regolazione della forza ed esempio di montaggio

Closing power regulation and assembly example

Réglage de fermeture et exemple d'assemblage



Regolazione della forza di chiusura agendo sulla vite di regolazione

Closing force setting by acting on the adjustment screw

Réglage de fermeture agissant sur la vis de réglage





# CERNIERA A MOLLA

■ CERNIERA A MOLLA PER PORTE IN FERRO

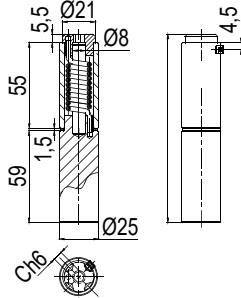
🇬🇧 SPRING HINGE FOR IRON DOORS

■ CHARNIÈRE À RESSORT POUR PORTES EN FER

CERNIERA IN ACCIAIO, A SALDARE, PER PORTE E CANCELLETTI IN FERRO

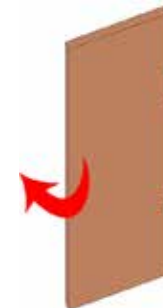
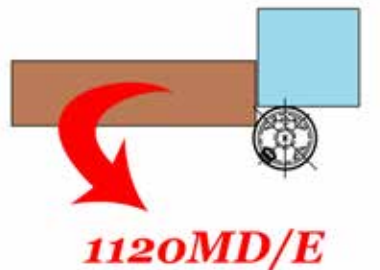
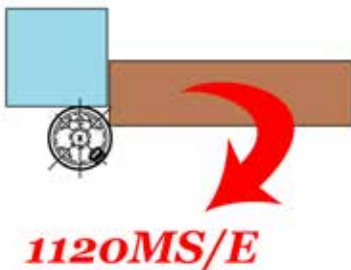
🇬🇧 Steel hinge, to be welded, for iron doors and gates

■ Charnière en acier, à souder, pour portes et portails en fer



NUOVO PRODOTTO  
NEW PRODUCT  
NOUVEAU PRODUIT

COD.	Versione Version Version	KG	📦	KG	€/pz
1120MD/E	Destra Right Droit	60	10	0,405	
1120MS/E	Sinistra Left Gauche	60	10	0,405	



Cerniera a molla 1120MD/E  
Hinge with spring 1120MD/E  
Charnière avec ressort 1120MD/E

■ Profilo tondo diametro 25mm  
Rondella in ottone  
Chiusura a molla  
Forza di chiusura della molla  
registrabile  
Disponibile nella versione  
senza molla, art. 1120/E

🇬🇧 Round profile diameter 25mm  
Brass washer  
Spring closure  
Adjustable spring closing force  
Available in version  
without spring, art. 1120 / E

■ Profilé rond diamètre 25 mm  
Rondelle en laiton  
Fermeture à ressort  
Force de fermeture du ressort réglable  
Disponibile dans la version  
sans ressort, art. 1120 / E





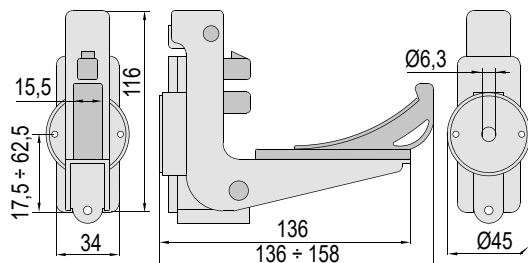
# FERMA PERSIANE

■ ■ ACCESSORI PER PERSIANE

■ ■ ACCESSORIES FOR BLINDS

■ ■ ACCESSOIRES POUR VOILETS

## FERMA PERSIANE ZELUS, AGGANCIAMENTO E SGANCIAMENTO AUTOMATICO



■ ■ Ferma persiana universale, in plastica nera, con aggancio e sgancio automatico, con vite e tassello.

■ ■ Universal shutter-stop, in black plastic, with automatic coupling and uncoupling, with screw.

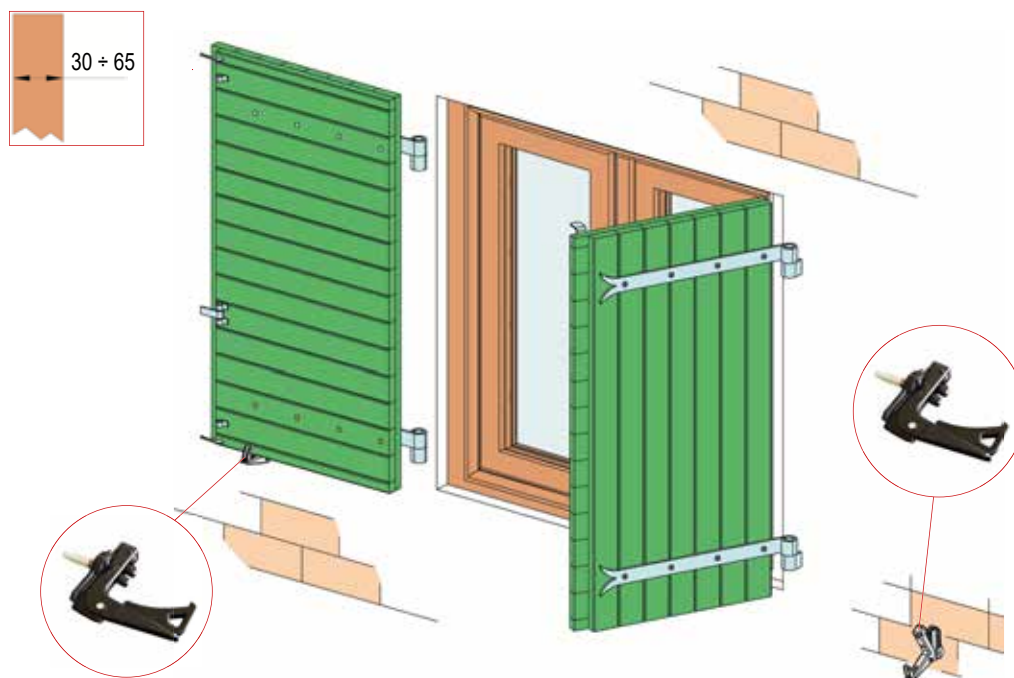
■ ■ Arrêt-volet universel, en plastique noir, avec accrochage et décrochage automatique, avec vis.

COD.			€/pz
ZELUS	12	0,150	

■ ■ Esempio di applicazione

■ ■ Exemple of application

■ ■ Exemple d'application



■ ■ Il fermapersiana automatico Zelus risolve tutti i problemi di aggancio e sgancio delle ante delle persiane in posizione di apertura. Non occorre più sporgersi per sbloccare manualmente i fermapersiana tradizionali, ma basta esercitare una piccola pressione sull'anta e il perno a molla la sgancerà automaticamente. Facile da installare e ancor più facile da mantenere. In caso di malfunzionamento o sostituzione, il corpo del fermapersiana può essere rimosso senza rimuovere anche il tassello di fissaggio al muro. Registrabile in altezza (0-45 mm) e in larghezza in base allo spessore dell'anta (spessore 30-65 mm).

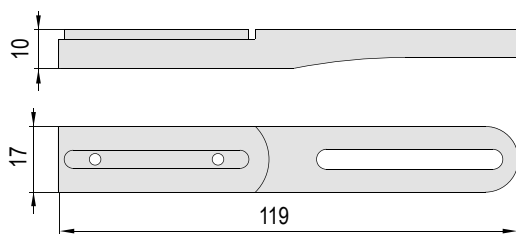
■ ■ The Zelus automatic shutter-stop solves all the problems of coupling and uncoupling the shutters in the open position. No more need to unlock manually the traditional shutter-stops, but it is enough to do a little pressure on the shutter and the clockwork pivot will disengage it automatically. It is easy to install and easier to maintain. In case of malfunction or replacement, the body of the shutter-stop can be removed without removing the fixing plug on the wall. It is adjustable in height (0-45 mm) and width according to the thickness of the shutter (thickness 30-65 mm).

■ ■ L'arrêt-volet automatique Zelus résout tous les problèmes accrochage et décrochage des volets en position d'ouverture. Il ne faut plus se pencher pour déverrouiller manuellement l'arrêt-volet traditionnel, mais il suffit d'appliquer un peu de pression sur le volet et le pivot mécanique le désengage automatiquement. Facile à installer et encore plus facile à entretenir. En cas de dysfonctionnement ou de remplacement, le corps de l'arrêt-volet peut être enlevé sans enlever la pièce de fixation au mur. Réglable en hauteur (0-45 mm) et en largeur en fonction de l'épaisseur du volet (épaisseur 30-65 mm).

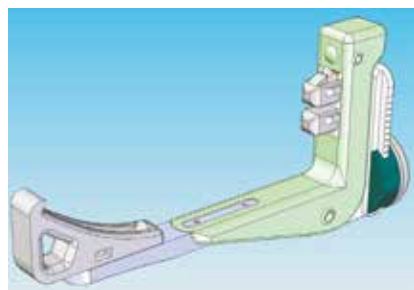


- Testato per 10000 cicli di apertura / chiusura dall'istituto GIORDANO**
- Tested on 10000 opening / closing cycles by the GIORDANO institute.**
- Teste pour 10000 cycles d'ouverture / fermeture par l'istitut GIORDANO**

### STAFFA PROLUNGA PER FERMA PERSIANA AUTOMATICO ZELUS

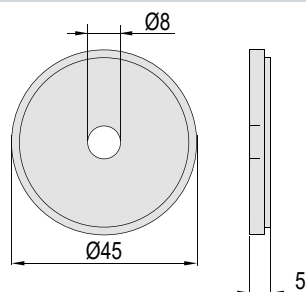


- Staffa prolunga in plastica nera. Permette di utilizzare il fermapersiana Zelus su ante di spessore fino a 130 mm.
- Extension bracket in black plastic for ZELUS. For shutters with thickness until 130 mm.
- ESupport d'extension en plastique noir pour utiliser l'arrêt volet ZELUS sur panneaux avec épaisseur jusu'à 130 mm.

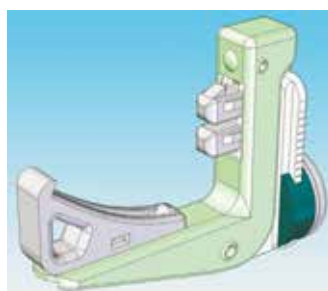


COD.			€/pz
<b>STAF/ZELUS</b>	12	0,010	

### DISTANZIALE PER FERMA PERSIANA AUTOMATICO ZELUS



- Distanziale in plastica nera. Permette di aumentare la distanza del fermapersiana dal muro.
- Spacer in black plastic. To increase distance between the shutter-stop and the wall.
- Entretoise en plastique noir pour augmenter la distance entre l'arrêt-volet et le mur.



COD.			€/pz
<b>DS/ZELUS</b>	20	0,005	





# SPIONCINI OTTICI E DIGITALI

🇮🇹 SPIONCINI OTTICI E DIGITALI

🇬🇧 DOOR PEEPHOLE VIEWER AND DIGITAL

🇫🇷 Ψ DAS AND Ψ DAS DIGITAL





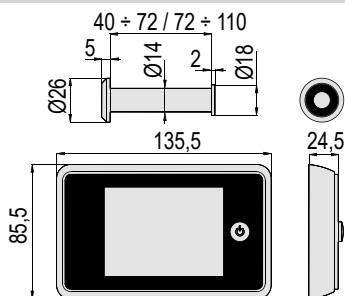
# SPIONCINI DIGITALI

SPIONCINI DIGITALI

DIGITAL DOOR PEEPHOLE VIEWER

DAS DIGITAL

## SPIONCINO DIGITALE



COD.	Versione Version Version			€/pz
SPD14/CS	Cromo satinato Satin chrome Chrome satiné	1	0,270	
SPD14/OL	Ottone lucido Polished brass Laiton poli	1	0,270	
SPD14/BR	Bronzato Bronzed Bronzé	1	0,270	

Lo spioncino digitale è nato per fornire un'alternativa agli spioncini ottici tradizionali, e rispetto a questi offre notevoli vantaggi. Offre un'immagine nitida e per nulla distorta, semplicemente premendo un pulsante. La telecamera offre un angolo visuale di 110°, mentre l'ampio display LCD, a colori, da 3,5", consente di avere un'immagine molto ingrandita rispetto a quella offerta dagli spioncini tradizionali.

Queste differenze, consentono allo spioncino digitale di essere l'alternativa privilegiata quando l'utilizzatore ha delle difficoltà motorie oppure è una persona anziana.

L'installazione è molto semplice: basta, infatti, realizzare un foro passante di diametro 14 mm sul pannello. Non occorre realizzare altri fori per ancorare il display al pannello, in quanto questo viene tenuto in posizione dalla bussola ad avvitare della telecamera.

L'alimentazione è fornita da quattro batterie AA, facilmente sostituibili.

The digital door viewer is a good alternative to traditional door viewers and compared to them offers significant advantages.

The reproduced image will be clear at the push of a button. The camera offers a 110° visual angle and the 3,5" color display allows you to have an enlarged image compared to that offered by traditional door viewers.

These differences allow digital door viewers to be the preferred alternative when users have walking difficulties or are elderly people.

Installation is very simple, it is enough to make a 14 mm diameter through hole on the panel. It is not necessary to make other holes to anchor the display to the panel, as this is held in position by the sedan to screw the camera.

Power is supplied by four easily replaceable AA batteries

Le judas digital c'est une bonne alternative aux judas traditionnels et en plus on a beaucoup d'avantages.

Avec une simple pression sur un bouton on a un'image claire et non déformée.

La caméra offre un angle de vision de 110° et le grand écran LCD à couleurs de 3,5" donne la possibilité d'obtenir un'image plus large par rapport aux judas traditionnels.

Avec ces différences le judas digital c'est une bonne alternative surtout en cas de personnes ayant des difficultés à marcher et aussi en cas des personnes âgées.

L'installation est très simple. C'est suffisant faire un trou passant de 14 mm dans le panneau. Il n'est pas nécessaire de faire autres trous pour fixer l'écran au panneau. L'écran est maintenu en place par la boussole à visser de la camera.

L'alimentation est fournie par 4 piles qui sont très faciles à remplacer.





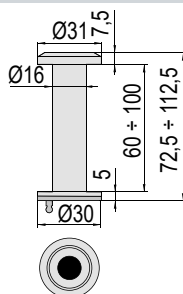
# SPIONCINI OTTICI

🇮🇹 SPIONCINI OTTICI

🇬🇧 DOOR PEEPHOLE VIEWER

🇫🇷 DAS

## SPIONCINO OTTICO TONDO IN ZAMA



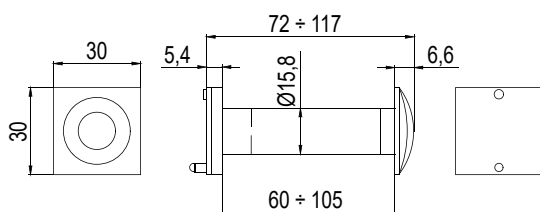
🇬🇧 Door peephole viewer in zama

🇫🇷 Judas en zamak



COD.	Versione Version Version			€/pz
SPO16/CS	Cromo satinato Satin chrome Chrome satiné	10	0,065	
SPO16/OL	Ottone lucido Polished brass Laiton poli	10	0,065	
SPO16/BS	Bronzo satinato Satin bronze Satin bronzé	10	0,065	
SPO16/CS/OT	Cromo satinato-Ottone lucido Satin chrome-Polished brass Chrome satiné-Laiton poli	10	0,065	

## SPIONCINO OTTICO QUADRO IN ZAMA

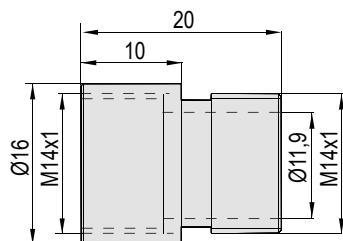


🇬🇧 Door peephole viewer in zama

🇫🇷 Judas en zamak

COD.	Versione Version Version			€/pz
SPO16Q/CS	Cromo satinato Satin chrome Chrome satin	10	0,072	

## DISTANZIALE PER SPIONCINO OTTICO, IN OTTONE



🇮🇹 Boccola distanziatrice in ottone, per spioncini ottici delle serie SPO16 e SPO16Q.

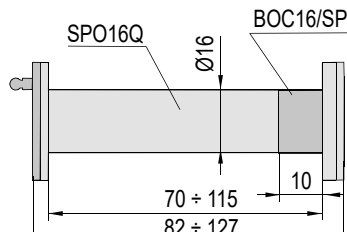
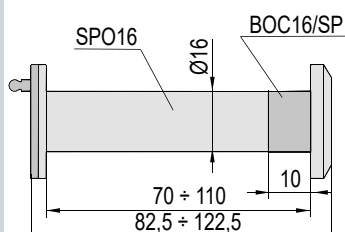
Aumenta la lunghezza dello spioncino di 10 mm

🇬🇧 Brass spacer bushing, for optic door viewers SPO16 and SPO16Q series.

It increases door viewer length by 10 mm

🇫🇷 Douille entretoise en laiton, pour judas optiques de la série SPO16 et SPO16Q.

Cela augmente la longueur du judas de 10 mm





COD.			€/pz
BOC16/SP	20	0,006	

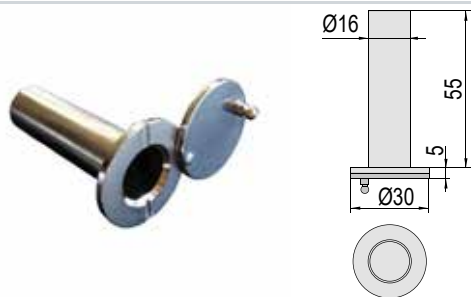
Art. SPO16/CS/OT NUOVO PRODOTTO  
Art. SPO16/OL NUOVO PRODOTTO  
Art. SPO16/BS/OT NUOVO PRODOTTO



NUOVO PRODOTTO  
Art. SPO16Q/CS  
Art. SPO16Q/BS/OT NUOVO PRODOTTO

## OCCHIELLO PER SPIONCINO OTTICO IN ZAMA

 [Door peephole viewer in zama](#)


 [Judas en zamak](#)

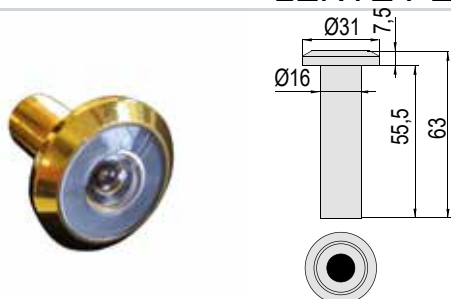


COD.	Versione Version Version			€/pz
CIC16/CS	Cromo satinato Satin chrome Chrome satin	10	0,030	
CIC16/CL	Cromo lucido Polished chrome Chrome poli	10	0,030	
CIC16/OL	Ottone lucido Polished brass Laiton poli	10	0,030	
CIC16/BS	Bronzo satinato Satin bronze Bronze satin	10	0,030	


## LENTE PER SPIONCINO OTTICO IN ZAMA


 [Lens for door peephole viewer in zama](#)


 [Lentille pour judas en zamak](#)



COD.	Versione Version Version			€/pz
LE16/OL	Ottone lucido Polished brass Laiton poli	10	0,030	
LE16/BS	Bronzo satinato Satin bronze Bronze satiné	10	0,030	
LE16/CS	Cromo satinato Satin chrome Chrome satiné	10	0,030	

 La lente LE16 può essere montata in accoppiamento con tutti gli occhietti della serie CIC16, permettendo di avere due finiture differenti all'interno ed all'esterno della porta, per meglio integrarsi con differenti rivestimenti del pannello.

 LE16 lens can be mounted in conjunction with all the eyepieces of the CIC16 series, allowing you to have two different finishes inside and outside the door and better adapt to different panel coatings.

 L'objectif LE16 peut être monté en conjonction avec tous les oeilletons de la série CIC16, ceci permet d'avoir deux finitions différentes à l'intérieur et à l'extérieur de la porte, pour mieux intégrer différents revêtements de panneaux.

CIC16/CL AD ESAURIMENTO  
CIC16/CL A RICHIEDERE  
CIC16/CL A RICHIEDERE

art. LE16/BS - LE16/CS NUOVO PRODOTTO  
art. LE16/BS - LE16/CS NUOVO PRODOTTO  
art. LE16/BS - LE16/CS NUOVO PRODOTTO





# PENSILINE

🇮🇹 PENSILINE SINGOLE E DOPPIE IN POLICARBONATO

🇬🇧 SINGLE AND DOUBLE CANOPIES IN POLYCARBONATE

🇫🇷 CANOPIES SIMPLES ET DOUBLES EN POLYCARBONATE










# PENSILINE SINGOLE

■ ■ PENSILINE SINGOLE IN POLICARBONATO

🇬🇧 SINGLE CANOPIES IN POLYCARBONATE

■ ■ CANOPIES SIMPLES EN POLYCARBONATE



COD.	Lunghezza Lenght Longueur (mm)	Profondità Width Profondeur (mm)	Spessore pannello Board tickness Epaisseur du panneau (mm)	Tipo pannello Board type Type de panneau				€/pz
PE120X70ALV/N	1200	700	5	Alveolare Cellular Alvéolaire	40	1	4,600	
PE150X100ALV/N	1500	1000	5	Alveolare Cellular Alvéolaire	75	1	6,800	
PE120X70TR/N	1200	700	2	Trasparente Transparent Transparent	50	1	6,800	
PE150X100TR/N	1500	1000	3	Trasparente Transparent Transparent	160	1	11,500	
PE140X70TR/N	1400	700	3	Trasparente Transparent Transparent	70	1	7,800	

■ ■ La portata è indicativa, ed è da considerarsi come carico distribuito uniformemente su tutta la superficie, come ad esempio un carico dovuto alla neve.

Gli articoli PE120X100TR/N, PE120X70F/N e PE150X100F/N sono disponibili fino ad esaurimento

🇬🇧 The capacity is indicative, and is to be considered as a load uniformly distributed over the entire surface, such as a load due to snow.

The articles PE120X100TR / N, PE120X70F / N and PE150X100F / N are available until exhaustion

■ ■ La capacité est indicative et doit être considérée comme une charge uniformément répartie sur toute la surface, comme une charge due à la neige.

Les articles PE120X100TR / N, PE120X70F / N et PE150X100F / N sont disponibles jusqu'à épuisement

Le pensiline in policarbonato sono la risposta a tutte quelle situazioni in cui si voglia proteggere la zona antistante un accesso in facciata, da neve e pioggia, dando così l'opportunità di poter aprire il portoncino o la porta finestra senza dover armeggiare con l'ombrello e senza bagnarsi.

Le pensiline sono realizzate con pannelli in policarbonato, di tre differenti tipologie:

- \* Policarbonato trasparente
- \* Policarbonato alveolare
- \* Policarbonato fumé

I pannelli sono sottoposti ad uno speciale trattamento superficiale che li protegge dall'invecchiamento causato dall'esposizione agli agenti atmosferici e alla luce solare diretta. Tale trattamento, consente di minimizzare la variazione di colore del materiale nel tempo (ovvero la caratteristica opacizzazione ed ingiallimento tipici dei materiali plastici), garantendo una trasparenza assoluta anche a distanza di anni.

Il telaio è composto da due centine laterali, curvate, in ABS, e da due barre di irrigidimento orizzontali in alluminio.

Tutti gli elementi del telaio sono stampati o verniciati in colore nero.

Grande facilità di montaggio ed installazione: il telaio si assembla inserendo i bordi del pannello in policarbonato e le estremità delle barre di irrigidimento in alluminio negli appositi alloggiamenti ad incastro sagomati delle centine laterali. Il tutto viene bloccato avvitando quattro viti in acciaio inox, occultate nelle centine stesse. Il fissaggio al muro, avviene semplicemente utilizzando quattro tasselli.

The polycarbonate canopies are the right solution to protect an area by snow and rain giving the possibility to open the door or the window without umbrella, and the risk of getting wet.

The canopies are produced with panels in polycarbonate, in three different versions:

- \* Transparent polycarbonate
- \* Cellular polycarbonate
- \* Smoked polycarbonate

The panels have a special treatment reducing the aging caused by the exposition to the external agents. This treatment reduces the colour changing of the material during the time and maintain the transparency during the years.

The frame is including two lateral curved ribs in ABS and two stiffening bars in aluminium.

All the elements of the frame are painted in black colour.

The assembly and the installment are very easy: the frame can be assembled to the edges of the panel and the bar ends in the proper space located in the ribs. All can be fixed with 4 screws in stainless steel.

Wall fixing can be made with 4 dowels.

Canopies en polycarbonate sont la réponse à toutes les situations dans lesquelles vous souhaitez protéger la zone devant une façade de d'accès de la neige et de la pluie, donnant ainsi la possibilité d'ouvrir la porte ou la porte-fenêtre sans bricoler le parapluie et sans se mouiller.

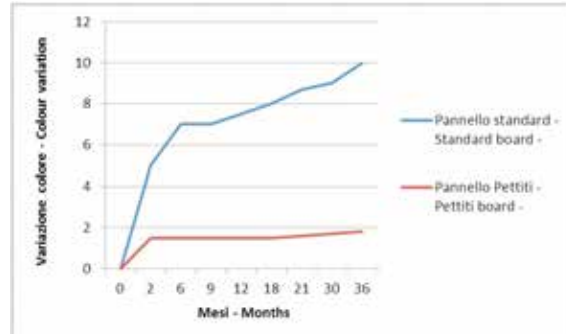
canopies sont fabriqués avec des panneaux en polycarbonate, de trois types différents:

- \* Polycarbonate transparent
- \* Polycarbonate alvéolaire
- \* Polycarbonate fumé

Les panneaux sont soumis à un traitement de surface spécial qui les protège du vieillissement causé par l'exposition aux agents atmosphériques et à la lumière directe du soleil. Ce traitement permet de minimiser la variation de couleur du matériau dans le temps, garantissant une transparence absolue même après de nombreuses années. Le cadre est composé de deux nervures latérales incurvées en ABS et de deux barres de renforcement horizontales en aluminium. Tous les éléments du cadre sont imprimés ou peints en noir.

Grande facilité de montage et d'installation: le cadre est assemblé en insérant les bords du panneau en polycarbonate et les extrémités des barres de renfort en aluminium dans les boîtiers emboîtables de forme spéciale des nervures latérales. Tout est bloqué par le vissage de quatre vis en acier inoxydable, cachées dans les nervures elles-mêmes.

La fixation au mur se fait simplement à l'aide de quatre chevilles.





# PENSILINE DOPPIE

■ ■ PENSILINE DOPPIE IN POLICARBONATO

■ ■ DOUBLE CANOPIES IN POLYCARBONATE

■ ■ CANOPIES DOUBLES EN POLYCARBONATE



■ ■ Pensilina per cancelli pedonali con pannello in policarbonato trasparente. Regolabile in altezza ed in larghezza. Regolazione in altezza di 170 mm. Adatto per cancelletti con passaggio da 900 a 1.200 mm. Pannello in policarbonato trasparente, spessore 3 mm. Supporti in ABS nero. Staffe di fissaggio in acciaio, con verniciatura a cataforesi nera. Universale e facile da installare.

■ ■ Canopy for pedestrian gates with transparent polycarbonate panel. Adjustable in height and width. Adjustable in height by 170 mm. Suitable for pedestrian gates with opening 900-1.200 mm.

Transparent polycarbonate panel, thickness 3 mm. Supports in black ABS. Fixing plates in steel with cataphoresis black finishing. Universal and easy to install.

■ ■ Canopie pour portails piétons avec panneau en polycarbonate transparent. Réglable en hauteur et en largeur. Réglage en hauteur de 170 mm. Convient à portails avec passage de 900 à 1.200 mm. Panneau en polycarbonate transparent de 3 mm d'épaisseur. Supports ABS noirs. Équerres de fixation en acier, avec peinture de cataphorèse noire. Universel et facile à installer.

■ ■ La portata è indicativa, ed è da considerarsi come carico distribuito uniformemente su tutta la superficie, come ad esempio un carico dovuto alla neve.

■ ■ the capacity is indicative, and is to be considered as a load uniformly distributed over the entire surface, such as a load due to snow.

■ ■ la capacité est indicative et doit être considérée comme une charge uniformément répartie sur toute la surface, comme une charge due à la neige.

COD.	KG	1	KG	€/pz
PED140X140TR/N	100	1	23,000	







# ACCESSORI INOX

ACCESSORI INOX

STAINLESS STEEL ACCESSOIRES

ACCESSOIRES EN ACIER INOXYDABLE

Accessori in INOX ideati per installazione esterna.  
Tutti i particolari sono realizzati in acciaio INOX 303 o 304

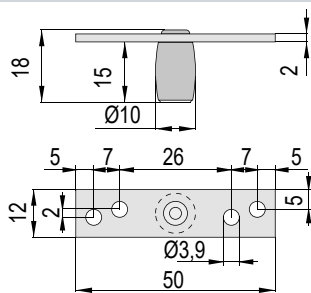
Stainless steel accessories suitable for outdoor installation.  
All the articles are made in stainless steel 303 or 304

Accessoires en acier inoxydable adaptés à une installation en extérieur.

Tous les détails sont en acier inoxydable 303 ou 304



PIASTRA FISSA A PAVIMENTO CON OLIVA GIREVOLE CENTRALE IN NYLON

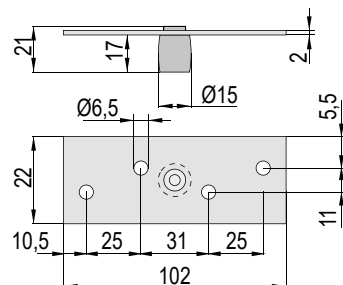


Fixed floor plate with central roller in nylon

Platine fixe avec olive pivotante en nylon

COD.			€/pz
312BN/INOX	50	0,015	

PIASTRA FISSA A PAVIMENTO CON OLIVA GIREVOLE CENTRALE IN NYLON

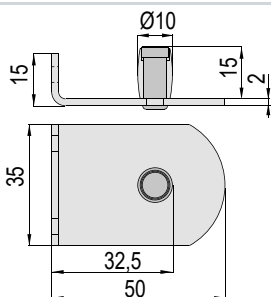


Fixed floor plate with central roller in nylon

Platine fixe avec olive pivotante

COD.			€/pz
310N/INOX	50	0,055	

PIASTRA FISSA A PARETE CON OLIVA GIREVOLE IN NYLON

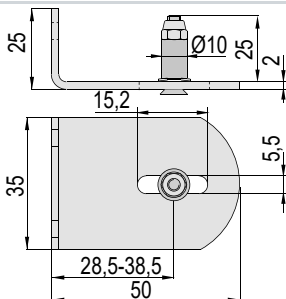


Fixed wall plate with roller in nylon

Plaque murale fixe avec olives en nylon

COD.			€/pz
312P/32/INOX	10	0,050	

GUIDA INFERIORE PER ANTE SOVRAPPOSTE

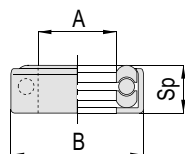


Lower guide for overlapped wings, in stainless steel

guide inférieure pour volets à chevauchement, en acier inox

COD.			€/pz
STAS/50	12	0,038	

CUSCINETTI REGGISPINTA STAMPATI

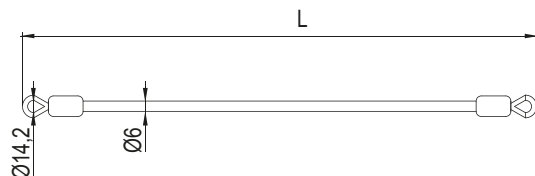


Stamped thrust bearing

Coussinets estampés

COD.	A	B	Sp			€/pz
1600/14/INOX	14	22	6,7	100	0,008	

CAVO DI RITENUTA PER CANCELLI



Retaining cable

Câble de retenue

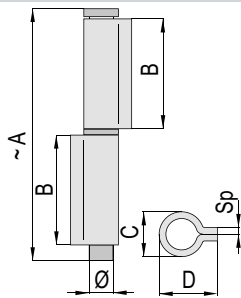
COD.	L				€/pz
CAV/RCB/500	500	450	10	0,15	
CAV/RCB/600	600	450	10	0,18	
CAV/RCB/700	700	450	10	0,21	

NUOVO PRODOTTO  
NEUVEAU PRODUIT

NUOVO PRODOTTO  
NEUVEAU PRODUIT



CERNIERA INOX "HORA11300" CON PERNO SFILABILE IN ACCIAIO E RONDELLA

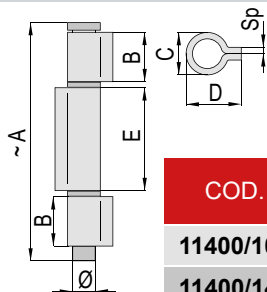


Stamped hinge with removable pin and brass washer

Charnière estampée pivot amovible et rondelle laiton

COD.	A	B	C	D	Ø	Sp	KG		KG	€/pz
11300/60	60	27	12	17	7,8	2	80	48	0,057	
11300/80	80	36	12	17	7,8	2	100	48	0,076	
11300/100	100	46	14,5	20	10	2	150	40	0,135	
11300/120	120	56	14,5	20	10	2	150	24	0,180	
11300/140	140	65	16	22,5	11	2,5	200	25	0,240	

CERNIERA INOX "HORA11400" CON PERNO SFILABILE IN ACCIAIO E RONDELLA

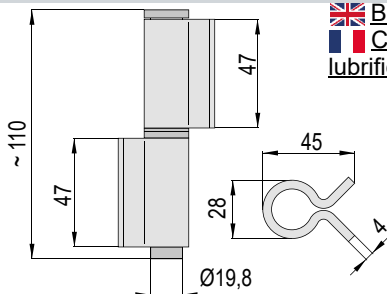


Stamped hinge with removable pin and brass washer

Charnière estampée pivot amovible et rondelle laiton

COD.	A	B	C	D	E	Ø	Sp	KG		KG	€/pz
11400/100	100	21,5	14,5	20	47	10	2	120	40	0,130	
11400/140	140	32	16	22,5	66	11	2,5	230	25	0,245	

CERNIERA INOX CON PERNO SFILABILE, RONDELLA IN OTTONE E FORO DI LUBR.

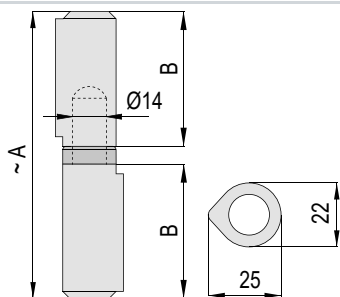


Big stamped hinge, with removable pin, brass washer. Lubrication hole

Charnière grande imprimée, pivot enfilable, rondelle en laiton. Trou de lubrification

COD.	KG		KG	€/pz
1090AO/2/INOX	400	10	0,585	

CERNIERA "ROLLONA" CON PERNO FISSO IN OTTONE E CUSCINETTO IN INOX

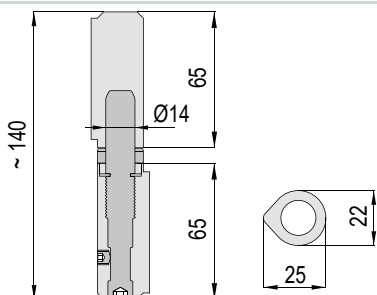


Brass turned hinge fix pin and stainless steel bearing

Charnière tournée pivot fixe en laiton et coussinet cimenté zingué

COD.	A	B	KG		KG	€/pz
1150/EC/INOX	140	66	150	10	0,387	

CERNIERA AMBIDESTRA REGISTRABILE CON PERNO IN OTTONE E CUSCINETTO IN INOX



Hinge ambidextrous, with brass pin and stainless steel thrust bearing. Lateral dowel

Charnière ambidestre avec pivot en laiton et coussinet inox. Grain laterale

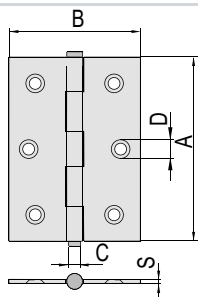
COD.	KG		KG	€/pz
1150/RR/INOX	150	10	0,380	

NUOVO PRODOTTO  
NEW PRODUCT  
NOUVEAU PRODUIT

NUOVO PRODOTTO  
NEW PRODUCT  
NOUVEAU PRODUIT

NUOVO PRODOTTO  
NEW PRODUCT  
NOUVEAU PRODUIT

### CERNIERA STAMPATA PER ANTE IN LEGNO CON PERNO SFILABILE

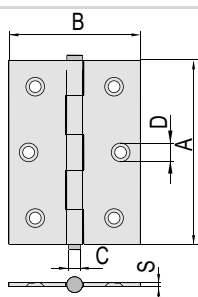


🇬🇧 Stamped hinge for wooden doors with removable pin

🇫🇷 Charnière imprimée, pour portes en bois, pivot amovible

COD.	A	B	C	D	S	KG	📦	KG	€/pz
CLI/01	40	35	3	2	1,2	5	24	0,038	
CLI/02	40	40	3	3	1,2	5	24	0,040	
CLI/03	50	40	3	3	1,2	5	24	0,043	
CLI/04	50	50	3	3	1,2	7	24	0,045	
CLI/05	60	50	3	3	1,2	7	24	0,049	

### CERNIERA STAMPATA PER ANTE IN LEGNO CON PERNO SFILABILE



🇬🇧 Stamped hinge for wooden doors with removable pin

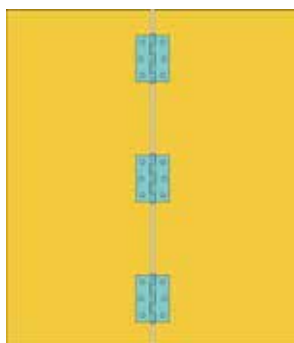
🇫🇷 Charnière imprimée, pour portes en bois, pivot amovible

COD.	A	B	C	D	S	KG	📦	KG	€/pz
CLPI/01	30	30	2,5	3	0,9	2	24	0,009	
CLPI/02	40	35	3	3,5	0,9	2	24	0,015	
CLPI/03	40	40	3	3,5	0,9	2	24	0,016	
CLPI/04	50	40	3	3,5	0,9	3	24	0,020	
CLPI/05	50	50	3	3,5	0,9	3	24	0,024	
CLPI/06	60	50	3	4,3	0,9	3	24	0,028	

🇮🇹 Esempio applicazione

🇬🇧 Application exemple

🇫🇷 exemple d'application

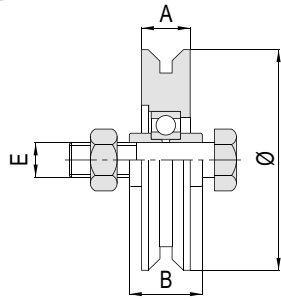


Ante chiuse  
Closed doors  
Portes fermées



Ante aperte  
Open doors  
Portes ouvertes

### RUOTE A 1 CUSCINETTO

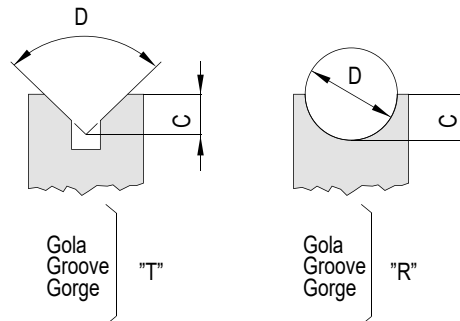


Stainless steel wheel, with 1 screened bearing, spacers, bolt and nut

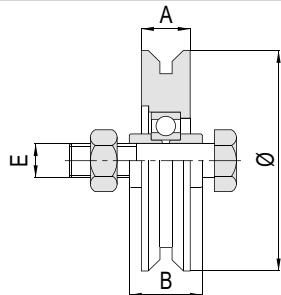
Galet en acier inox à 1 coussinet blindé, avec boulon, entretoises et écrou

COD.	A	B	C		D	E	Ø	KG	KG	KG	€/pz
R12001-80	20	32	6	6,5	93°	12	M14	80	300	10	0,680
R12001-100	20	32	6	6,5	93°	12	M14	100	300	8	1,100

All'ordine specificare il tipo di gola  
 Groove to be specified on the order  
 Indiquer la gorge sur la commande



### RUOTE A 1 CUSCINETTO

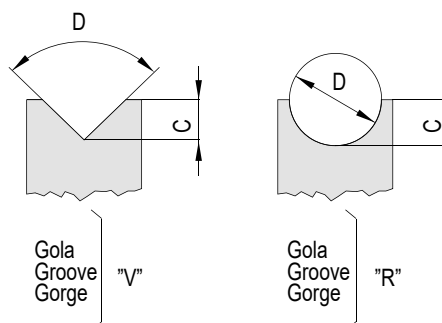


Stainless steel wheel, with 1 screened bearing, bolt, spacers and nut

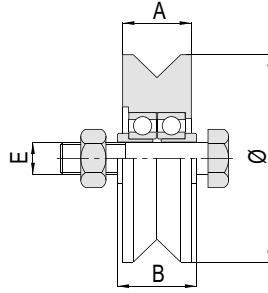
Galet en acier inox à 1 coussinet blindé, avec boulon, entretoises et écrou inox

COD.	A	B	C		D	E	Ø	KG	KG	KG	€/pz
R12501-80	24	32	7,5	9,5	92°	20	M14	80	300	8	0,724
R12501-100	24	32	7,5	9,5	92°	20	M14	100	300	4	1,320
R12501-120	24	32	7,5	9,5	92°	20	M14	120	300	2	1,896

All'ordine specificare il tipo di gola  
 Groove to be specified on the order  
 Indiquer la gorge sur la commande



### RUOTE A 2 CUSCINETTI

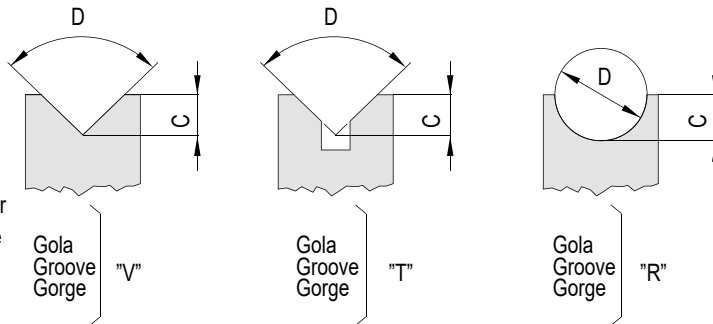


Stainless steel wheel, with 2 screened bearing spacers, bolt, and nut

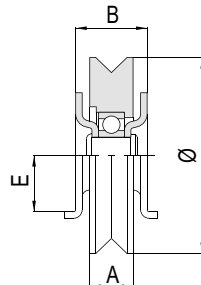
Galet en acier inox à 2 coussinets blindés, avec boulon, entretoises et écrou

COD.	A	B	C		D		E	Ø	KG		KG	€/pz	
R12002-100	30	44	10	/	9,5	92°	/	20	M14	100	600	6	1,550
R12002-120	30	44	10	/	9,5	92°	/	20	M14	120	600	4	2,265
R12002-140	30	44	10	10	9,5	92°	92°	20	M14	140	600	2	3,140
R12002-160	30	44	10	/	9,5	92°	/	20	M14	160	600	2	4,200

All'ordine specificare il tipo di gola  
 Groove to be specified on the order  
 Indiquer la gorge sur la commande



### RUOTE A 1 CUSCINETTO

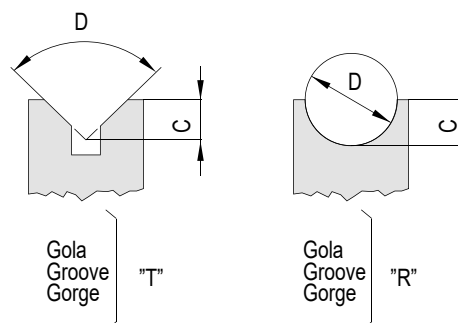


Stainless steel wheel, with 1 screened bearing, support at plate

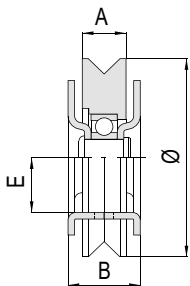
Galet en acier inox à 1 coussinet blindé, avec support à plaque zingué

COD.	A	B	C		D		E	Ø	KG		KG	€/pz
R12004-80	20	33	9,5	6,5	93°	13	28	80	300	6	0,800	
R12004-100	20	33	9,5	6,5	93°	13	28	100	300	6	1,200	

All'ordine specificare il tipo di gola  
 Groove to be specified on the order  
 Indiquer la gorge sur la commande



### RUOTE A 1 CUSCINETTO

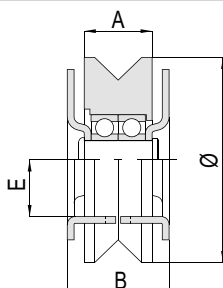


Stainless steel wheel, with 1 screened bearing and internal support

Galet en acier inox à 1 coussinet blindé, avec support intérieur inox

COD.	A	B	C		D	E	Ø	KG	KG	KG	€/pz
R12506-80	24	32	8,5	9,5	92°	20	17	80	300	8	0,972
R12506-90	24	32	8,5	9,5	92°	20	17	90	300	8	1,200
R12506-100	24	32	8,5	9,5	92°	20	17	100	300	4	1,452
R12506-120	24	32	8,5	9,5	92°	20	17	120	300	2	2,280

### RUOTE A 2 CUSCINETTI

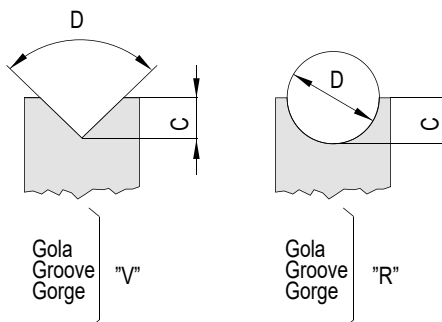


Stainless steel wheel, with 2 screened bearing and internal support

Galet en acier inox à 2 coussinets blindés, avec support intérieur inox

COD.	A	B	C		D	E	Ø	KG	KG	KG	€/pz
R12007-120	30	40	10	9,5	92°	20	27	120	600	4	2,620
R12007-140	30	40	10	9,5	92°	20	27	140	600	2	3,535
R12007-160	30	40	10	9,5	92°	20	37	160	600	2	4,617

- All'ordine specificare il tipo di gola
- Groove to be specified on the order
- Indiquer la gorge sur la commande

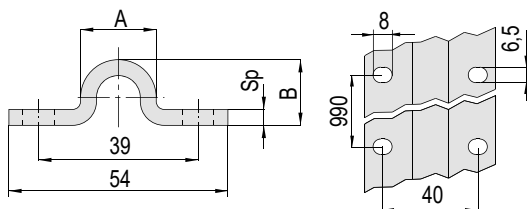


- Tutte le ruote in inox sono realizzate nei seguenti materiali:
  - Flange, supporti e distanziali: AISI 303/304
  - Dadi e bulloni: acciaio inox per bulloneria classe A2
 I cuscinetti sono realizzati in acciaio con doppia schermatura in plastica.
- Each stainless steel wheel is realized with the following materials:
  - Flanges, supports and spacers: AISI 303/304
  - Nuts and bolts: stainless steel class A2
 Bearings are made by steel with double plastic screening
- Toutes les galets en inox sont réalisées avec les matériaux suivants:
  - Brides supports et entretoises: AISI 303/304
  - Écrous et boulons: acier inox pour visserie classe A2
 Les coussinets sont réalisés en acier avec double blindage en plastique.



### GUIDA A FISSAGGIO SUOLO CON ASOLE

AD ESAURIMENTO  
O PER INFORMAZIONI  
A EFUJISEMENT



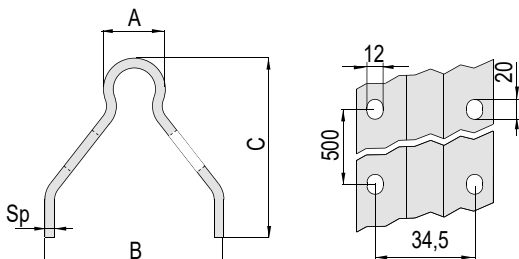
Stainless steel ground fixing track with slots

Rail en acier inox, à fixer au sol, avec trous oblongs, pour les galets des portails coulissants

COD.	A	B	Sp			
GR196F/INOX	19	16,5	3	1x6m (6m)	2,200	

### GUIDA A CEMENTARE CON ASOLE E BUGNE

AD ESAURIMENTO  
O PER INFORMAZIONI  
A EFUJISEMENT



Track in stainless steel, to be cemented, with slots

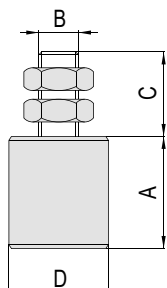
Rail en acier inox, à cimenter, avec trous oblongs, pour les galets des portails coulissants

COD.	A	B	C	Sp			
GR196CE/INOX	19	55	50	3	1x6m (6m)	2,540	

- Tabella accoppiamento ruote - guide
- Wheel - guide matching table
- Tableau des galets - guides correspondantes

COD.	GR196F/INOX	GR196CE/INOX
R12501-80 ÷ 120	X	X
R12506-80 ÷ 120	X	X
R12002-100 ÷ 160	X	X
R12007-120 ÷ 160	X	X

### OLIVA CILINDRICA IN NYLON, PERNO IN INOX

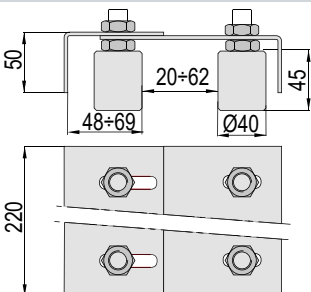


Nylon cylindrical roller, with pin in stainless steel

Olive cylindrique en nylon, pivot en acier inox

COD.	A	B	C	D			
O2000/CNX32X40	40	M14	34	32	10	0,164	
O2000/CNX40X40	40	M14	34	40	10	0,195	

### PIASTRA GUIDA SUPERIORE, REGISTRABILE A 4 OLIVE



Adjustable top guide plate, in stainless steel, with 4 cylindrical roller

Plaque de guidage supérieure réglable, en acier inox, avec 4 olives cylindriques

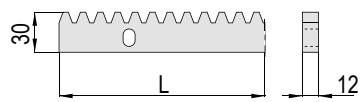
COD.			
SO2001/INOX	6	2,050	

### CREMAGLIERA RETTANGOLARE 30X12 MODULO 4 CON ASOLE E PIOLI

Rectangular rack 30x12 module 4 with slots for motorized gates

Crémaillère rectangulaire 30x12 module 4 avec trous oblongs, pour portails motorisés.

NUOVO PRODOTTO  
NEW PRODUCT  
NOUVEAU PRODUIT



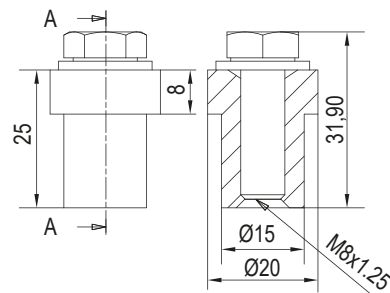
COD.	L			€/m
CR3012ZA/INOX	1000	8x1m (8m)	2,400	
CR3012ZA/INOX/2	2000	4x2m (8m)	2,400	

### PIOLO PER CREMAGLIERA CR3012ZA/INOX

Peg for rack CR3012ZA/INOX

Piquet pour rack CR3012ZA/INOX

NUOVO PRODOTTO  
NEW PRODUCT  
NOUVEAU PRODUIT

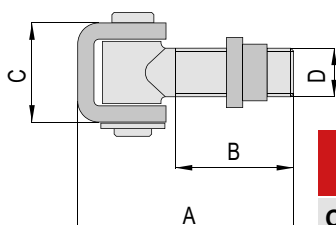


COD.			€/pz
PI3012/AISI	24	0,47	

### CARDINE A SALDARE REGISTRABILE

Stainless steel pintle to be welded, with horizontal adjustment

Pivot à souder, avec réglage horizontal, en acier inox

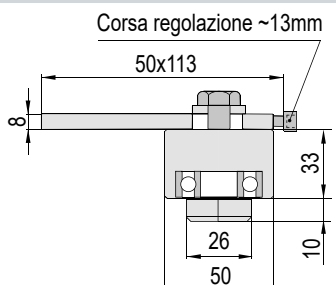


COD.	A	B	C	D				€/pz
CC2000LS/20INOX	95	50	39	M20	75	6	0,440	
CC2000LS/24INOX	100	50	43	M24	100	6	0,640	

### CARDINE SUPERIORE REGISTRABILE CON CUSCINETTO INOX

Stainless steel upper pintle, with horizontal adjustment and thrust bearing

Pivot supérieur en acier inox, à réglage horizontal, avec coussinet blindé

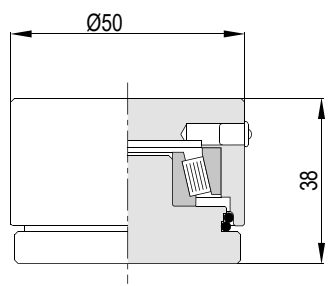


COD.				€/pz
C2000RI/50	200	10	0,850	

### CARDINE INFERIORE GIREVOLE CON CUSCINETTO REGGISPINTA E OLIAITORE

Inferior pintle in stainless steel, with thrust taper rollers bearing, grommets oiler

Pivot inférieur tournante en acier inox, avec coussinet à rouleaux coniques, anneaux d'étanchéité en caoutchouc et graisseur

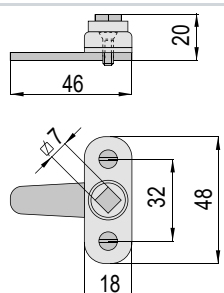


COD.				€/pz
P2000I/50	250	10	0,480	

### TAVELLINO PER SPORTELLI

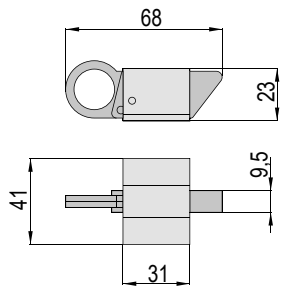
Latch for flap doors, with screws

Rochet pour volets



COD.			€/pz
T7/INOX	50	0,041	

### CRICCHETTO MEDIO PER SOPRALUCI A PACCHETTO

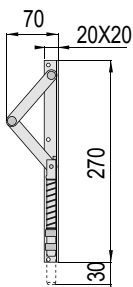


Medium size ratchet for upper window, in stainless steel

Cliquet moyen pour fenetres, en acier inox

COD.			€/pz
C75/INOX	60	0,096	

### PALETTO A MOLLA AMBIDESTRO

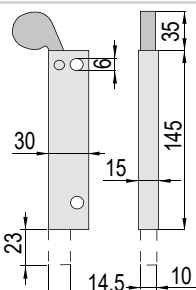


Stainless steel spring bolt  
Application ambidextrous

Verrou à ressort, en acier inox.  
Application ambidestre

COD.			€/pz
PIM	12	0,380	

### PALETTO A MOLLA

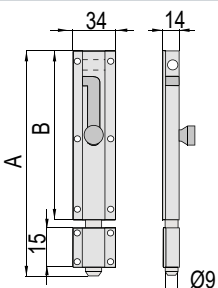


Stainless steel spring bolt.  
Applcation ambidextrous

Verrou à ressort.  
Application ambidestre

COD.			€/pz
PAM	15	0,380	

### CATENACCIO PORTALUCCHETTO VERTICALE AD AVVITARE

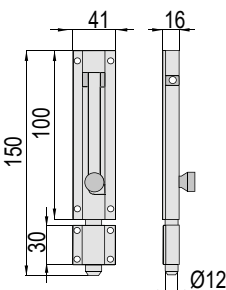


Vertical padlock-bolt, with holes, in stainless steel

Verrou vertical, porte-cadenas lourd avec trous, en acier inox

COD.	A	B			€/pz
CV9/50/INOX	70	50	10	0,070	
CV9/70/INOX	110	70	10	0,115	

### CATENACCIO PORTALUCCHETTO VERTICALE AD AVVITARE

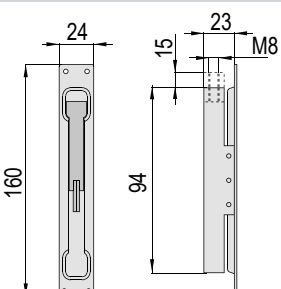


Vertical padlock-bolt, with holes, in stainless steel

Verrou vertical, porte-cadenas lourd avec trous, en acier inox

COD.			€/pz
CV16/150/INOX	10	0,220	

### CATENACCIO DA INCASSO A SEMPLICE AZIONE

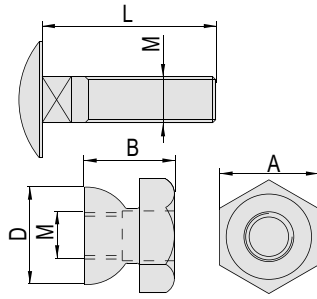


Single action lever built-in bolt in stainless steel

Verrou encastrable en acier inox

COD.			€/pz
CL24/INOX	10	0,116	

### DADO ANTIRAPINA CON BULLONE

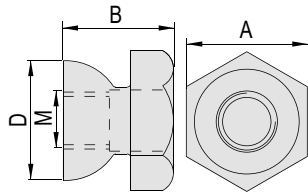


Stainless steel anti-theft nut with bolt

Ecrou anti-voil avec boulon, en acier inox

COD.	A	B	D	L	M			€/pz
DA8X30T/INOX	17	15,5	16,8	30	M8	300	0,036	
DA8X50T/INOX	17	15,5	16,8	50	M8	250	0,044	
DA10X30T/INOX	19	15	18,7	30	M10	250	0,044	
DA10X50T/INOX	19	15	18,7	50	M10	200	0,056	

### DADO ANTIRAPINA

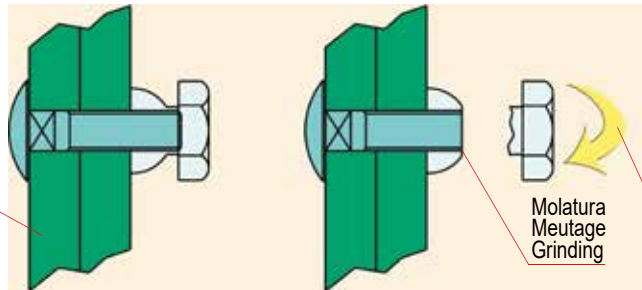


Stainless steel anti-theft nut

Ecrou anti-voil, en acier inox

COD.	A	B	D	M			€/pz
DA17X15,5T/A2	17	15,5	16,8	M8	100	0,017	
DA17X15T/A2	17	15	16,8	M10	100	0,016	

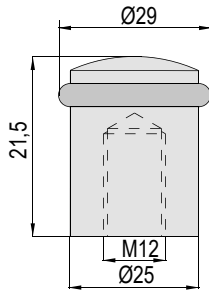
Inferriate, recinzioni grigliate  
Crossed, fences  
Grilles, croisées



Molatura  
Meutage  
Grinding

Avvitando il dado si ottiene la sua separazione ed il bullone non può essere svitato.  
By screwing the nut it will separate from the body and the bolt cannot be unscrewed.  
Dévissant l'écrou on obtien sa séparation et le boulon ne peut pas être dévissé.

### FERMAPORTA CILINDRICO

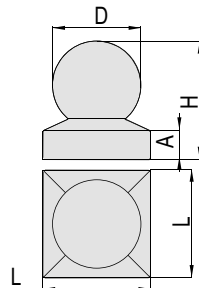


Door stopper

Bloque-porte

COD.			€/pz
FPT/25INOX	10	0,119	

### COPRIPILASTRO SAGOMATO



Shaped cover pillar, in stainless steel

Couvre pilier façonné, en acier inox

COD.	A	D	H	L			€/pz
CPS1100	20	85	107	104	25	0,266	
CPS1120	20	99	125	124	25	0,356	

### ORNAMENTO IN ACCIAIO INOX



Ornament in stainless steel

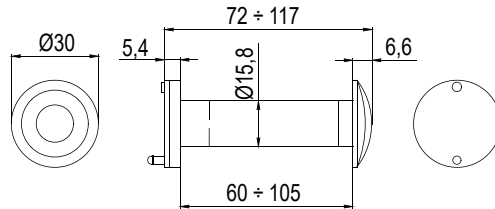
Ornement en acier INOX

COD.	H	L	Ø			€/pz
O/D120	60	Ø36	20,5	50	0,150	



# NOVITÀ 2023

## SPIONCINO OTTICO IN ZAMA REGOLABILE TONDO

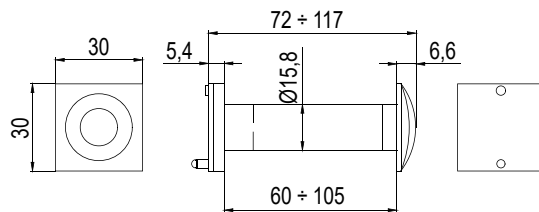


🇬🇧 Round optical peephole in adjustable zamak

🇫🇷 **U** das optique rond en zamak orientable

COD.	Versione Version Version			€/pz
<b>SPO16/B</b>	Bianco RAL9010 White RAL9010 Blanche RAL9010	10	0,060	
<b>SPO16/N</b>	Nero opaco Black Noir	10	0,060	

## SPIONCINO OTTICO IN ZAMA REGOLABILE QUADRO

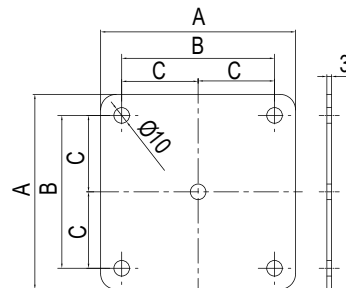


🇬🇧 Square optical peephole in adjustable zamak

🇫🇷 **U** das optique carré en zamak orientable

COD.	Versione Version Version			€/pz
<b>SPO16Q/B</b>	Bianco RAL9010 White RAL9010 Blanche RAL9010	10	0,069	
<b>SPO16Q/N</b>	Nero opaco Black Noir	10	0,069	

## PIASTRE ZINCATE FORATE PER ANCORAGGI

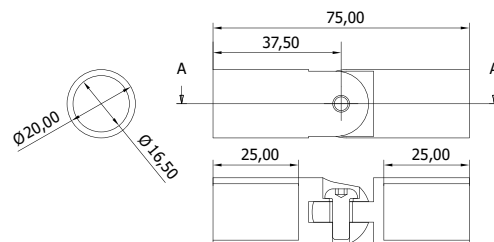


🇬🇧 Perforated galvanized plates for anchors

🇫🇷 Plaques galvanisées perforées pour ancras

COD.	A	B	C			€/pz
<b>PBA125</b>	125	98	49	15	0,360	
<b>PBA150</b>	150	122	61	15	0,510	
<b>PBA175</b>	175	151	75,5	15	0,710	

## SNODO PER INFERRIATE TONDO (per aste Ø16mm)

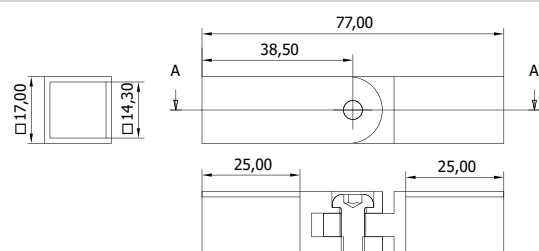


🇬🇧 Round joint for railings (for Ø16mm rods)

🇫🇷 **d** int rond pour garde-corps (pour tiges de Ø16mm)

COD.			€/pz
<b>SNODO/20</b>	32	0,079	

## SNODO PER INFERRIATE QUADRO (per aste □14mm)



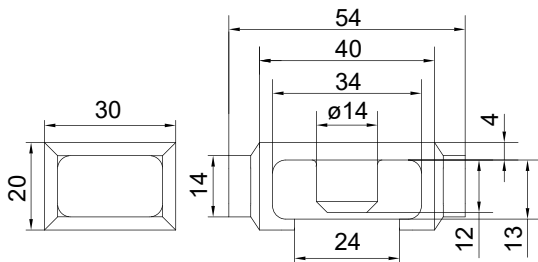
🇬🇧 Square joint for railings (for □14mm rods)

🇫🇷 **d** int rond pour garde-corps (pour tiges de □14mm)

COD.			€/pz
<b>SNODO/17Q</b>	32	0,083	



### RISCONTRO INFERIORE 30X20 PER RAPID BLOCK/R



Per scatolati 30x20. Spessore 1,5/2mm

Lower stop 30x20 for RAPID BLOCK/R.

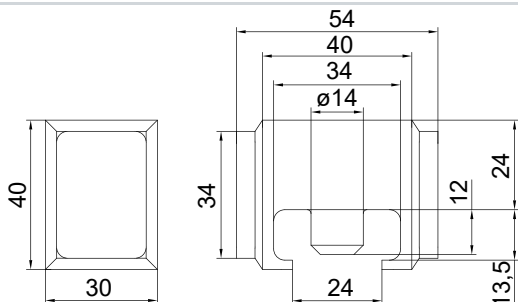
For 30x20 boxes. Thickness 1,5/2mm.

Butée inférieure 30x20 pour RAPID BLOCK/R.

Pour 30x20 boîtes. Épaisseur 1,5/2mm.

COD.			€/pz
RISC/3020Z	12	0,095	

### RISCONTRO SUPERIORE 40X30 PER RAPID BLOCK/R



Per scatolati 40x30. Spessore 1,5/2mm

Upper stop 40x30 for RAPID BLOCK/R.

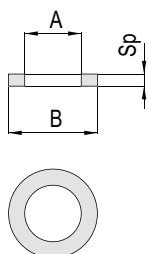
For 40x30 boxes. Thickness 1,5/2mm.

Butée supérieure 40x30 pour RAPID BLOCK/R.

Pour 40x30 boîtes. Épaisseur 1,5/2mm.

COD.			€/pz
RISC/4030Z	6	0,279	

### RONDELLE IN OTTONE

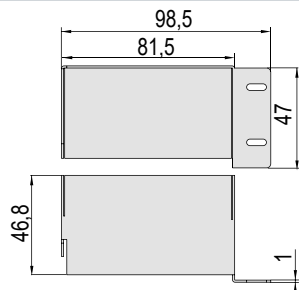


Brass washer

Rondelles en laiton

COD.	A	B	Sp			€/pz
RO100/9	9	13	1,5	500	0,0009	
RO1100/12	12,5	22	1,5	500	0,0013	
RO1100/14	14,5	22	1,5	500	0,0011	

### TAPPO PER CERNIERE A SCOMPARSA IN ABS ARGENTO

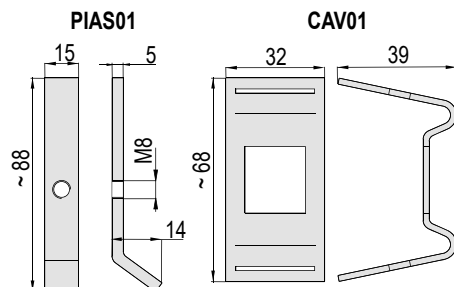


Cap for invisible hinges in silver abs

Bouchons pour charnières invisibles en abs argent

COD.	Cerniera Hinge Charnières			€/pz
TAPSRF/DN/CSC	1150SRF/D	20	0,012	
TAPSRF/SN/CSC	1150SRF/S	20	0,012	

### CAVALLOTTO IN ACCIAIO ZINCATO



Support plate in zinked steel

Platine de support en acier zingué

COD.			€/pz
CAV40Z	50	0,064	

### PIASTRINA IN ACCIAIO ZINCATO

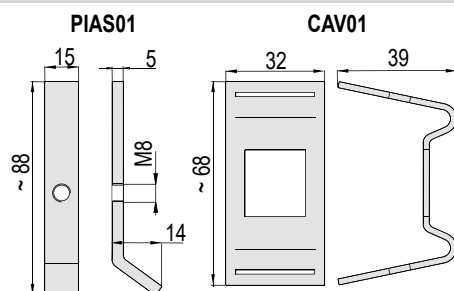
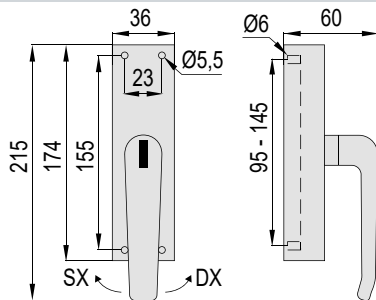


Plate in zinked steel

Plaque en acier zingué

COD.			€/pz
PIAS01Z/416	50	0,044	

CARIGLIONE AMBIDESTRO PER ASTE INTERNE / ESTERNE IN ZAMA CON CHIAVE



🇬🇧 Ambidextrous toggle latch for internal / external rods in zamak with key

🇫🇷 Barre de tirage ambidextre pour barres internes / externes en zamak avec clé

COD.	Descrizione / Description / Description			€/pz
<b>CAR/SCN/E</b>	Cariglione sinistro per aste esterne Left toggle latch for external rods Crémone à levier gauche pour barres externes	6	0,620	
<b>CAR/DCN/E</b>	Cariglione destro per aste esterne Right toggle latch for external rods Crémone à levier droit pour barres externes	6	0,620	
<b>CAR/SCN</b>	Cariglione sinistro per aste interne Left toggle latch for internal rods Crémone à levier gauche pour barres internes	6	0,620	
<b>CAR/DCN</b>	Cariglione sinistro per aste esterne Left toggle latch for external rods Crémone à levier gauche pour barres externes	6	0,62	



# NOTE TECNICHE

NOTE TECNICHE

TECHNICAL NOTES

NOTES TECHNIQUES

## INDICAZIONE DELLA PORTATA

Dove necessario, la portata degli articoli a catalogo è indicata a fianco del codice articolo o, nel caso di una famiglia di articoli, all'inizio del paragrafo. prestare particolare attenzione alle note allegate alla portata (ad esempio: la portata è sempre espressa per singolo articolo, ma dove specificato può indicare la portata complessiva per un'applicazione con più articoli identici).

where necessary, articles capacity in the catalogue is indicated next to the article code or in case of items family at the beginning of the paragraph.

Pay particular attention to the notes attached to the capacity (for example the capacity is always expressed for a single article but where specified it can indicate the total capacity in case of an application with multiple articles).

Ou il faut, la portee des articles est indiquée à côté de la reference ou, dans le cas d'une famille d'articles, au debut du paragraphe. Il faut faire attention aux notes attachées à la portée (ex.: le portée est toujours exprimée pour chaque article, mais s'il est spécifié, il peut indiquer la portée totale d'une application avec plusieurs articles.

CERNIERA "ROLLONA" CON PERNO FISSO IN OTTONE E CUSCINETTO CEMENTATO ZINCATO  
Turned hinge fix pin in brass and cemented zinked bearing  
Charnière tournée pivot fixe en laiton et coussinet cimenté zingué

COD.	A	B	KG	KG	€
1100/E-C	100	47	75	14	0,290 6,92
1150/E-C	140	66	150	10	0,387 7,31



## SERIE SEMPIONE

CARRELLI ED ACCESSORI PER MONOROTAIA G9Z

TROLLEYS AND ACCESSORIES FOR RAILG9Z

CHARIOTS ET ACCESSOIRES POUR MONORAIL G9Z

Per coppia di carrelli  
For each pair of trolleys  
Pour couple de chariots

2 ruote 2 wheels 2 Roulements	400
4 ruote 4 wheels 4 Roulements	750

## LEGENDA SIMBOLI

	Portata Capacity Portée		Peso al metro Weight per meter Poids au mètre
	N° articoli per confezione N° of items per box Nombre d'articles par boîte		Prezzo singolo articolo Unit price Prix unitaire
	Peso singolo articolo Single item weight Poids par article		Prezzo al metro Price per meter Prix par mètre

Si realizzano articoli speciali sul disegno del cliente.

Per l'utilizzo all'esterno e in luoghi soggetti all'esposizione a eventi atmosferici si ricorda che solo l'uso di accessori INOX garantisce l'integrità del prodotto.

Special items can be made according to customer's design

For use outdoors and in environments subject to atmospheric events, it is important to know that only the use of stainless steel accessories guarantees the product integrity

Les articles spéciaux sont fabriqués en fonction du projet du client.

Pour une utilisation à l'extérieur et dans des lieux soumis à des événements atmosphériques, veuillez noter que seulement l'utilisation d'accessoires en acier inoxydable garantit l'intégrité du produit.

## MANUTENZIONE E LUBRIFICAZIONE

Gli articoli a catalogo non necessitano di particolare manutenzione, se non una regolare pulizia senza impiegare agenti aggressivi come detersivi, solventi, detersivi, ecc. Nel caso di articoli metallici soggetti a scorrimento (cerniere, ruote, carrelli, ecc) potrebbe essere necessario procedere ad una lubrificazione saltuaria. In questo caso non impiegare grassi o olii che lascino residui che potrebbero alterare il funzionamento dell'articolo. Impiegare, ad esempio, dei lubrificanti spray al silicone (wd40 o similari) e solo dopo aver pulito il particolare.

The items in the catalogue do not require special maintenance other than regular cleaning without using aggressive agents such as detergents or solvents. In case of metal sliding items (hinges, trolleys wheels and so on), it may be necessary to carry out an occasional lubrication. In this case, do not use greases or oils that could alter the functioning of the article. For example, use silicone spray lubricants (WD40 or similar) and only after cleaning the part.

Les articles du catalogue ne nécessitent pas d'une particulière manutention, sinon d'un nettoyage regulier sans produits agressives tels que detersifs, solvants ... il peut etre necessaire effectuer une lubrification occasionelle, dans ce cas n'utilisez pas de graisses ou d'huiles qui pourrait modifier le fonctionnement de l'article. utilisez des lubrifiants en aerosol de silicone (wd40 ou similaire), mais seulement apres avoir precedemment nettoyyé l'objet.





# NOTE:

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Realizzazione grafica: R.Z. Ufficio Marketing Pettiti Giuseppe Srl

## CONDIZIONI GENERALI DI VENDITA - ITALIA

Tutti i nostri contratti sono regolati dalle presenti condizioni generali, che fanno parte integrante degli ordini, offerte e conferme che ci pervengono, escluso i casi di accordi particolari che dovranno essere espressamente accettati a mezzo lettera da parte nostra. Con il termine di venditore si intende: PETTITI GIUSEPPE S.r.l.

### 1- ORDINI

Essi dovranno pervenirci con gli esatti riferimenti di "Codice Articolo" e le quantità dovranno essere multiple delle ns. confezioni standard. In caso contrario verranno automaticamente arrotondate per eccesso. L'importo minimo d'ordine è di € 400. Per ordini di campionatura inferiori sarà addebitato un sovrapprezzo in fattura di €20.

### 2- CONSEGNE

I termini convenuti per le consegne non sono impegnativi. Eventuali ritardi non daranno diritto al compratore a qualsivoglia pretesa di danni o interessi.

### 3 - TRASPORTO

Italia: gratis per ordini superiori a €1.100. Contributo fisso assicurativo di €10. La merce spedita in contrassegno deve essere pagata al vettore esclusivamente in contanti od a mezzo assegno circolare intestato alla Pettiti Giuseppe SpA. Per ritiri diretti non verrà concesso nessuno sconto.

### 4 - RISCHI DI TRASPORTO

Tutte le ns. consegne avranno luogo nei ns. stabilimenti ed i rischi si trasmetteranno con la consegna delle merci al committente, anche nel caso di vendita con resa franco destino. In caso di mancanze, rotture e manomissioni durante il trasporto, il destinatario dovrà rivolgersi esclusivamente ai vettori incaricati al momento della consegna con segnalazione scritta sul Documento Di Trasporto (DDT). Il venditore non assume alcuna responsabilità al riguardo, sia verso l'acquirente che verso il destinatario.

### 5- PREZZI

I prezzi del presente listino si intendono IVA esclusa.

### 6 -PAGAMENTI

A mezzo ricevuta bancaria. Le ricevute bancarie scadenti al 31 agosto ed al 31 dicembre sono automaticamente spostate al 10 settembre ed al 10 gennaio. La presentazione di un qualsiasi reclamo non dispensa l'acquirente dal pagamento dell'importo della fattura alla scadenza stabilita. In caso di mancato pagamento delle fatture alle loro scadenze e con riserva di tutti i diritti di cui potrà avvalersi il venditore, decorreranno con pieno diritto gli interessi al tasso bancario corrente. Il venditore resta proprietario delle merci consegnate all'acquirente sino al momento dell'integrale pagamento. Altre eventuali forme di pagamento saranno concordate al momento dell'ordine.

### 7 - IMBALLO

Gratis per ordini superiori a € 1.100. Per ordini inferiori l'imballo sarà fatturato al costo.

### 8 - RECLAMI

Eventuali contestazioni dovranno essere comunicate entro 10 gg. dalla data del ricevimento merce, a mezzo lettera raccomandata, fax o telegramma. Sono prive di effetto le segnalazioni telefoniche.

### 9 -RESI MERCI

Si accettano resi merce solamente se concordati direttamente con la ns. società; il documento accompagnatorio dovrà far riferimento al nostro documento di spedizione. La merce dovrà pervenirci in porto franco. La merce resa subirà una riduzione del 20% rispetto al prezzo pagato per: manutenzione, ricondizionamento, immagazzinamento e gestione pratica.

### 10-CONTROVERSIE

Per qualsiasi controversia sarà esclusivamente competente il Foro di Torino.

## GENERAL SALE CONDITIONS - FOREIGN MARKETS

All our contracts are regulated by the following general sale conditions, which are integral part of the orders, offers and confirmations we will receive, with the exception of particular agreements to be accepted by letter from our part.

As "seller" is understood: PETTITI GIUSEPPE S.r.l.

### 1- ORDERS

The orders must include our references "Code Article" and quantities as for our standard packings on the contrary they will be rounded up. Minimum amount of order is € 1.000. For lower orders will be invoiced a surcharge of € 50.

### 2 - DELIVERIES

The terms agreed for the deliveries are not binding. No damages or interests will be paid for incidental delays.

### 3 - TRANSPORT

Free of charge for orders beyond € 2.000 in Europe. For other destinations to be stated. In case of orders of more than 4 mts, transport will be calculated.

### 4 - TRANSPORT RISKS

All the deliveries will be made in our factory and all risks will be transferred to the buyer when the delivery will be made even in case of "free domicile". For damages, losses or missing goods during transport the consignee has to inform the shipper by writing. The seller will not be responsible for this.

### 5- PRICES

Prices stated in this price-list are exclusive of VAT.

### 6 -PAYMENTS

By draft. Drafts expiring on the 31st August and 31st December will be post-poned to the 10th September and 10th January. Also in case of claim, payment must be made at the due date. Bank interests will be debited for late payments. Goods are seller's property till payment of the invoice. Other eventual terms of payment will be stated upon the order.

### 7 - PACKING

Free of charge for orders beyond € 1.100. For lower orders cost of packing will be invoiced.

### 8 - CLAIMS

Incidental claims must be made by registered letter, fax or cable within 10 days from receipt of the goods. No claims will be accepted by phone.

### 9 -GOODS RETURNS

Goods returns will be accepted only if agreed with our company. The consignment note has to report the details of our despatch document. Goods has to be received free of charge and the value will be reduced by 20% against the price paid. This reduction is to cover charges of maintenance, re-packing, re-storing and management.

### 10-DISPUTES

For all disputes the Turin court (Italy) will be the only competent.

## CONDITIONS GENERALES DE VENTE - EXPORT MARKETS

Tous nos contrats sont réglés par les suivantes conditions générales, partie intégrante des commandes, offres et confirmations que nous allons recevoir, sauf accords particuliers acceptés par lettre de notre part. Par vendeur s'y entendre: PETTITI GIUSEPPE S.r.l.

### 1- COMMANDES

Veillez indiquer nos références "Code Article" avec quantités multiples de notre conditionnement standard au contraire nous devons compléter. Le montant minimum de commande est de € 1.000. Pour commandes inférieures il y aura un surcharge de €50 sur la facture.

### 2- LIVRAISON

Les conditions de livraison convenues ne sont pas contraignantes. Un retard ne donne droit à aucune indemnité.

### 3 - TRANSPORT

Franco domicile pour commandes à partir de € 2.000 en Europe. Pour autres destinations à établir. En cas de longueurs à partir de 4 mts, transport à établir.

### 4 - RISQUES DE TRANSPORT

Toutes les livraisons auront lieu dans notre établissement et avec la livraison de la marchandise tous les risques seront transmis à l'acheteur aussi avec livraison "Franco Domicile". En cas de ruptures, marchandise, manomissions pendant le transport, le destinataire doit manquer le transporteur par écrit. Le vendeur n'est pas responsable à l'égard du destinataire.

### 5- PRIX

Les prix indiqués dans ce catalogue sont sans TVA.

### 6 -PAIEMENT

Par virement bancaire ou chèque. Le paiement pas effectué à l'échéance prévue entrainera une indemnité de retard au taux bancaire en vigueur. Les marchandises restent propriété du vendeur jusqu'au paiement intégral de la facture. Autres conditions de règlement à établir sur la commande.

### 7 - EMBALLAGE

Gratuit pour commandes à partir de € 1.100. Pour commandes inférieures on facturera le coût d'emballage.

### 8 - CONTESTATIONS

Les contestations éventuelles doivent être communiquées par lettre recommandée, fax ou télégramme, dans les 10 jours suivants la réception de la marchandise. Communications téléphoniques ne seront pas acceptées.

### 9 -RETOURS DE MARCHANDISE

Les retours de marchandise doivent être effectués seulement après accord avec notre société; le bon de livraison doit indiquer la référence de notre bon d'expédition. Les retours doivent être effectués en port payé. La marchandise retournée aura une réduction de 20% sur le prix payé, pour manutention, reconditionnement et frais de la documentation.

### 10-LITIGES

En case de litige seul le Tribunal de Turin (Italie) sera compétent.

# PORTALCANTARE

Portoni scorrevoli e a libro  
Cancelli scorrevoli in ferro e alluminio  
Cancelli a battente  
Cancellotti

Inferriate  
Persiane blindate

Porte e portoncini blindati

**PETTITI GIUSEPPE S.R.L.**

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