







Accessori per portoni Cuscinetti



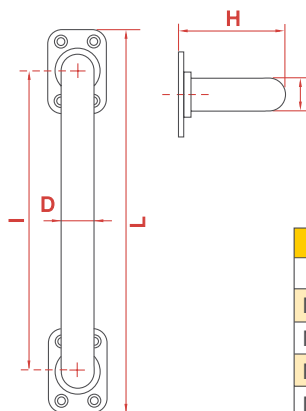
-  **Accessories for sliding and folding doors and bearings**
-  **Zubehör fuer falt-und Schiebetore, Lager**
-  **Accessoires pour portes coulissantes et accordéon**
-  **Accesorios para puertas correderas y plegables**



Accessori per portoni

Maniglie dritte con piastra

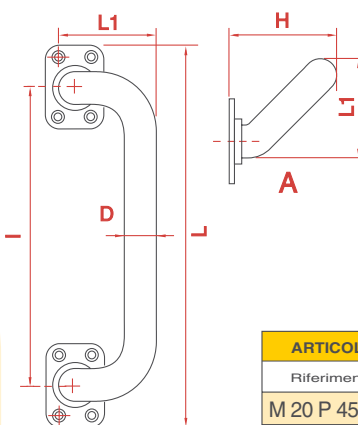
- Straight handles with plate
- Griffe mit Platte
- Poignée droite avec plaque
- Manilla recta para atornillar



ARTICOLO - ARTICLE		D	I	H	L			€	
Riferimento-Reference		∅	mm			N°	kg	x1	
M 20 P	MN 00 20 OP	20	180	64	230	20	5.2	8,30	
M 20 PR	MN 00 20 RP	20	180	45	230	20	4.9	9,20	
M 28 P	MN 00 28 OP	28	280	80	345	10	5.9	10,40	
M 28 PR	MN 00 28 RP	28	280	57	345	20	5.1	11,30	
Inox	M 20 PI	MI 00 20 OP	20	180	64	230	20	5.2	15,50

Maniglie a 45° con piastra

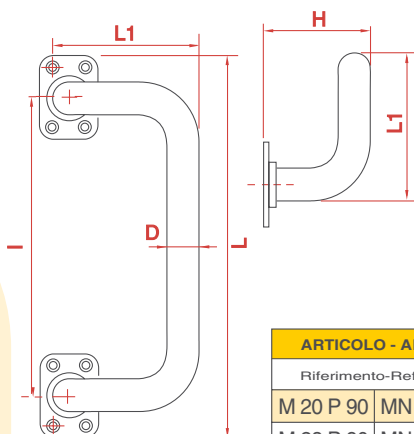
- 45° handles with plate
- Griffe 45° mit Platte
- Poignée à 45° avec plaque
- Manilla a 45° con placa para atornillar



ARTICOLO - ARTICLE		D	I	H	L	L1			€
Riferimento-Reference		∅	mm			N°	kg	x1	
M 20 P 45	MN 45 20 OP	20	180	64	230	60	10	3.6	11,10
M 28 P 45	MN 45 28 OP	28	280	80	345	110	10	7.6	11,40

Maniglie a 90° con piastra

- 90° handles with plate
- Griffe 90° mit Platte
- Poignée à 90° avec plaque
- Manilla a 90° con placa



ARTICOLO - ARTICLE		D	I	H	L	L1			€
Riferimento-Reference		∅	mm			N°	kg	x1	
M 20 P 90	MN 90 20 OP	20	180	64	230	90	10	4.2	11,20
M 28 P 90	MN 90 28 OP	28	280	80	345	135	5	4.6	14,80

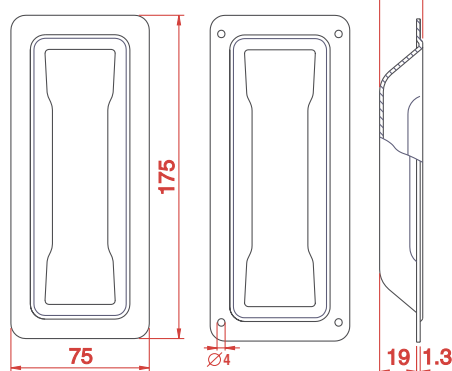
Maniglia ad incasso per portoni

- Embedded handle
- Einlegegriff fuer Fall-Tueren
- Poignée à encastrer
- Manilla a empotrar







ART.30

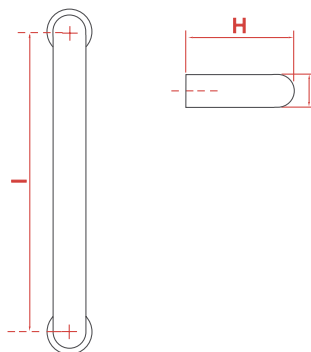
ART.30 F





ARTICOLO - ARTICLE				€
Riferimento-Reference		N°	kg	x1
30	MZ 17 75 00	40	7.2	3,40
30 F	MZ 17 75 F0	40	7.2	3,40





Maniglie dritte con boccole

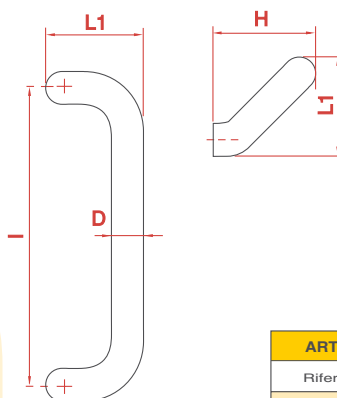
-  Straight handle with bushings
-  Griffe mit Buchse
-  Poignée droite avec vis
-  Manilla recta con casquillos





ARTICOLO - ARTICLE		D	I	H		
Riferimento-Reference		∅	mm		N°	x1
M 20 B	MN 00 20 0B	20	180	62	20	4,30
M 28 B	MN 00 28 0B	28	280	78	10	10,40





Maniglie a 45° con boccole

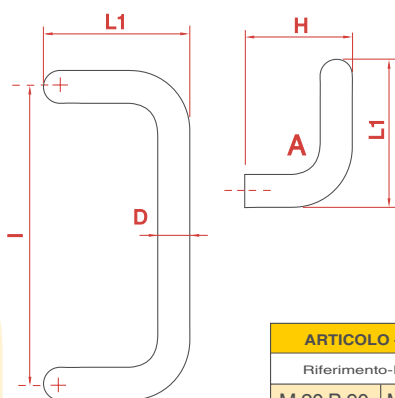
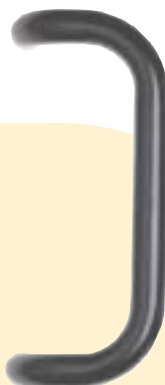
-  45° handle with bushings
-  Griffe 45° mit Buchse
-  Poignée à 45° avec vis
-  Manilla a 45° con casquillos





ARTICOLO - ARTICLE		D	I	H	L1		
Riferimento-Reference		∅	mm		N°	x1	
M 20 B 45	MN 45 20 0B	20	180	62	230	20	5,8
M 28 B 45	MN 45 28 0B	28	280	78	345	10	6,9

Maniglie a 90° con boccole

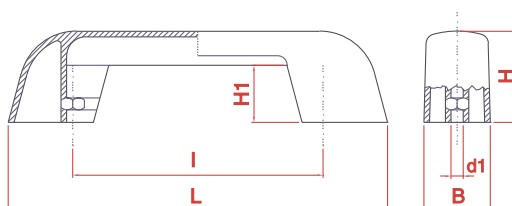
-  90° handle with bushings
-  Griffe 90° mit Buchse
-  Poignée à 90° avec vis
-  Manilla a 90° con casquillos





ARTICOLO - ARTICLE		D	I	H	L1		
Riferimento-Reference		∅	mm		N°	x1	
M 20 B 90	MN 90 20 0B	20	180	62	90	20	6,9
M 28 B 90	MN 90 28 0B	28	280	78	135	10	7,6

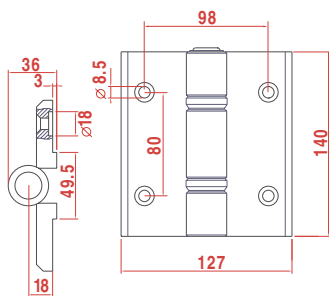
Maniglie in nylon

-  Straight nylon handle
-  Nylon Griffe
-  Poignée en nylon
-  Manilla de nylon



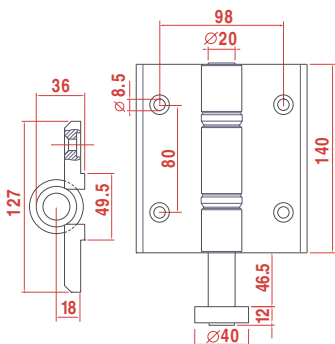
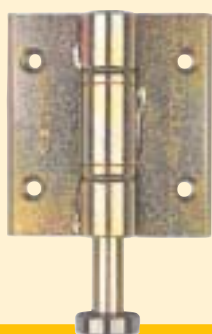
ARTICOLO - ARTICLE		B	L	H	H1	I	d1		
Riferimento-Reference		mm						N°	x1
57	MP 34 20 00	34	200	48	30	130	M 8	20	2,7

Accessori per portoni



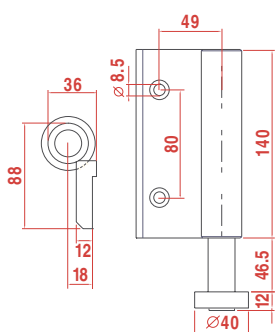
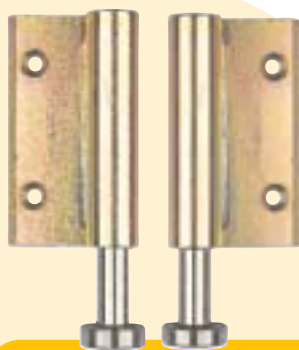
- Cerniere in acciaio grandi a 2 ali di mezzeria per portoni a libro**
- Large steel hinge for folding doors with two centre-line wings
- 2-Flügel-Scharnier (mitte)
- Charnière centrale à 2 côtés
- Bisagra central grande en acero con 2 alas para puertas plegables con eje

TIPO TYPE	ARTICOLO - ARTICLE					
	Riferimento-Reference		N°		x1	
	CRN 1	ET 00 14 1M	15	32,8	26,90	
	CRN 1 PIANA	ET 00 14 11	15	31,8	26,90	
Inox		CRN 1I	EI 00 14 1M	15	32,8	88,00



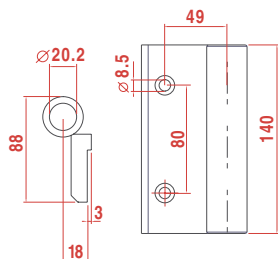
- Cerniere in acciaio grandi a 2 ali inferiori c/cusc. Ø 40**
- Hinge with two lower wings & bearing Ø 40
- 2-Flügel-Scharniere (unten) mit Lager Ø 40
- Charnière inférieure à 2 côtés avec roulement Ø 40
- Bisagra inferior grande en acero con 2 cojinetes Ø 40 con eje

TIPO TYPE	ARTICOLO - ARTICLE					
	Riferimento-Reference		N°		x1	
	CRN 2	ET 00 14 2I	15	36	33,50	
	CRN 2 PIANA	ET 00 14 21	15	34,8	33,50	
Inox		CRN 2I	EI 00 14 2I	15	36	98,13



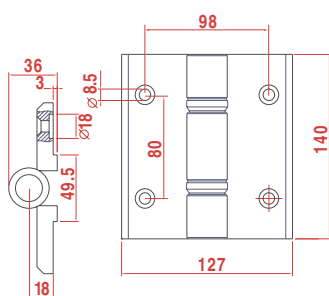
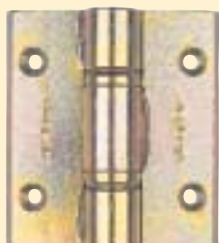
- Cerniere in acciaio grandi di testa a 1 ala inferiori c/cusc. Ø 40**
- Hinge head with one lower wing & bearing Ø 40
- 2-Flügel-Scharnier (unten) mit Lager Ø 40
- Charnière inférieure à 1 côté avec roulement Ø 40
- Bisagra inferior grande lateral en acero con 1 ala y eje Ø 40

TIPO TYPE	ARTICOLO - ARTICLE					
	Riferimento-Reference		N°		x1	
	CRN 3	ET 00 14 3I	15	26,5	28,40	
	CRN 3 PIANA	ET 00 14 31	15	26	28,40	
Inox		CRN 3I	EI 00 14 3I	15	26,5	89,00



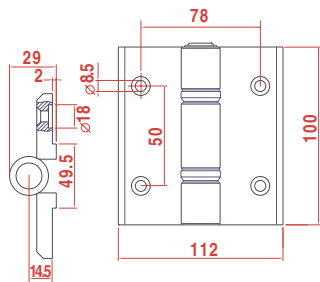
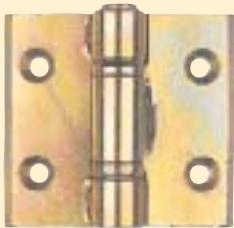
- Cerniere in acciaio grandi di testa a 1 ala superiori**
- Hinge head with one upper wing
- Flügel Kopscharnier (oben)
- Charnière supérieure à 1 côté
- Bisagra lateral grande en acero con 1 ala

TIPO TYPE	ARTICOLO - ARTICLE					
	Riferimento-Reference		N°		x1	
	CRN 4	ET 00 14 4S	15	18,2	19,80	
	CRN 4 PIANA	ET 00 14 41	15	17,9	19,80	
Inox		CRN 4I	EI 00 14 4S	15	18,2	67,20



- Cerniere in acciaio grandi a 2 ali superiori senza perno portoni a libro**
- Hinge with two upper wings without pin
- 2-Flügel Scharnier (oben) ohne Bolzen
- Charnière supérieure à 2 côtés sans axe
- Bisagra superior grande en acero con 2 alases

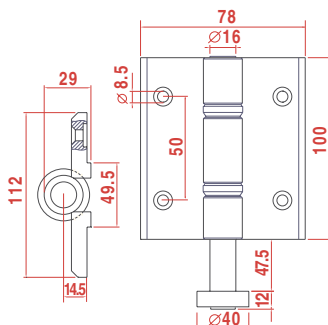
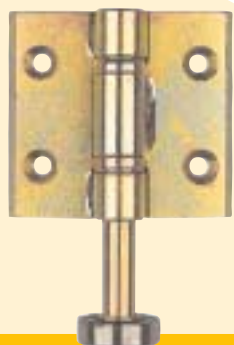
TIPO TYPE	ARTICOLO - ARTICLE					
	Riferimento-Reference		N°		x1	
	CRN 5	ET 00 14 5S	15	27,5	26,00	
	CRN 5 PIANA	ET 00 14 51	15	26,5	26,00	
Inox		CRN 5I	EI 00 14 5S	15	27,5	48,40



Cerniere in acciaio piccole a 2 ali di mezzeria per portoni a libro

- Small steel hinge for folding doors with two centre-line wings
- 2-Flügel-Scharniere (mitte)
- Charnière centrale à 2 côtés en acier - petit modèle
- Bisagra central en acero con 2 alas

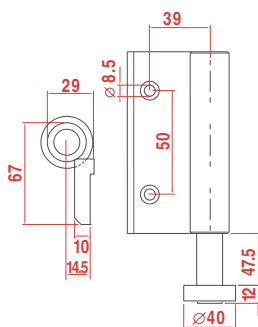
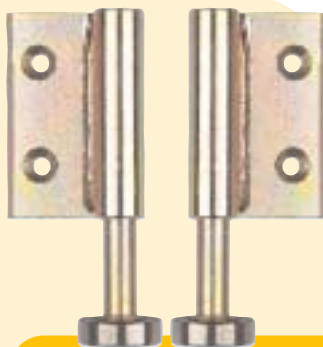
TIPO TYPE	ARTICOLO - ARTICLE		N°		€
	Riferimento-Reference		N°	€	×1
	CRN 1P	ET 00 10 1M	15	15.2	20,00
	CRN 1P PIANA	ET 00 10 11	15	15.1	20,00
Inox	CRN 1PI	EI 00 10 1M	15	15.2	60,30



Cerniere in acciaio piccole a 2 ali inferiori c/cusc. Ø 40

- Hinge with two lower wings & bearing Ø 40
- 2-Flügel-Scharniere (unten) mit Lager Ø 40
- Charnière inférieure à 2 côtés avec roulement Ø 40
- Bisagra inferior en acero con 2 alas y eje Ø 40

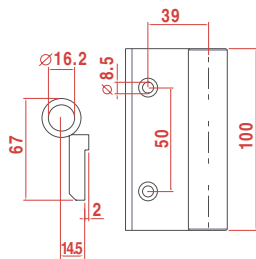
TIPO TYPE	ARTICOLO - ARTICLE		N°		€
	Riferimento-Reference		N°	€	×1
	CRN 2P	ET 00 10 2I	10	11.7	25,10
	CRN 2P PIANA	ET 00 10 21	10	11.7	25,10
Inox	CRN 2PI	EI 00 10 2I	10	11.7	52,10



Cerniere in acciaio piccole di testa a 1 ala inferiori c/cusc. Ø 40

- Hinge head with one lower wing & bearing Ø 40
- 2-Flügel-Scharniere (unten) mit Lager Ø 40
- Charnière inférieure à 1 côté avec roulement Ø 40
- Bisagra inferior de acero con 1 ala y eje Ø 40

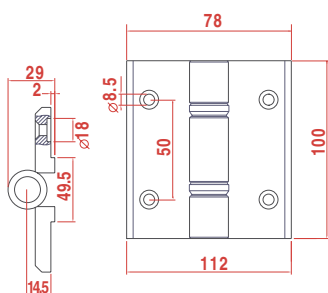
TIPO TYPE	ARTICOLO - ARTICLE		N°		€
	Riferimento-Reference		N°	€	×1
	CRN 3P	ET 00 10 3I	15	12.9	21,60
	CRN 3P PIANA	ET 00 10 31	15	12.9	21,60
Inox	CRN 3PI	EI 00 10 3I	15	12.9	35,00



Cerniere in acciaio piccole di testa a 1 ala superiori

- Hinge head with one upper wing for carriage pin
- Flügel Kopfscharniere (oben) fuer Wagen-Bolzen
- Charnière supérieure à 1 côté pour passage axe de chariot
- Bisagra lateral en acero con 1 ala

TIPO TYPE	ARTICOLO - ARTICLE		N°		€
	Riferimento-Reference		N°	€	×1
	CRN 4P	ET 00 10 4S	15	8.2	14,50
	CRN 4P PIANA	ET 00 10 41	15	8	14,50
Inox	CRN 4PI	EI 00 10 4S	15	8.2	34,80







Cerniere in acciaio piccole a 2 ali superiori senza perno portoni a libro

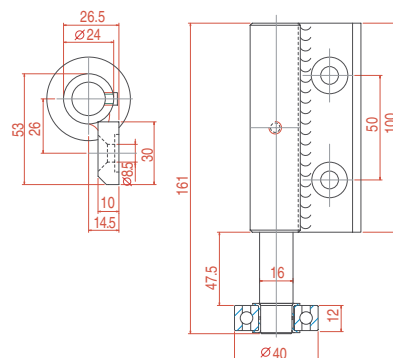
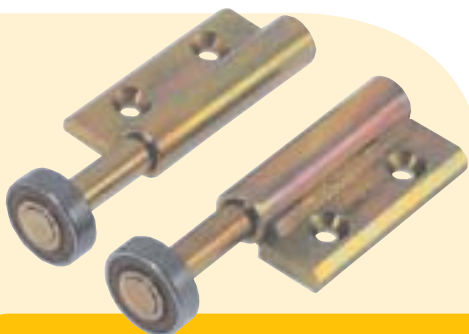
- Hinge with two upper wings without pin
- 2-Flügel Scharniere (oben) ohne Bolzen
- Charnière à 2 côtés sans axe - petit modèle
- Bisagra lateral en acero con 2 alas

TIPO TYPE	ARTICOLO - ARTICLE		N°		€
	Riferimento-Reference		N°	€	×1
	CRN 5P	ET 00 10 5S	15	12.8	18,80
	CRN 5P PIANA	ET 00 10 51	15	12.7	18,80
Inox	CRN 5PI	EI 00 10 5S	15	12.8	45,20

Accessori per portoni





Cerniera in acciaio piccola arretrata di testa a 1 ala inferiore c/cusc. Ø40

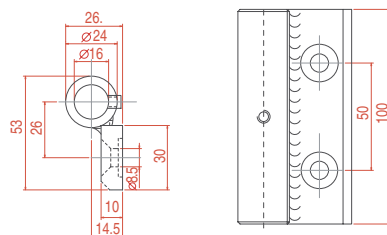
-  Small steel front hinge with backed holes + 1 bottom wing + 1 Ø 40 bearing
-  Klein Stahl-vorn Scharniere mit Rueck-Bohrungen + 1 Unter. Fluegel + 1-Lager Ø 40
-  Petite charnière frontale acier perfor. en recul 1 aile inf. + 1 roulem Ø 40
-  Bisagra inferior de acero con 1 ala, con eje Ø40 y perforacion retraida



TIPO TYPE	ARTICOLO - ARTICLE				€
	Riferimento-Reference		N°		x1
	CRN 3 ARR P	ET A0 10 31	15	15,3	21,60





Cerniera in acciaio piccola arretrata di testa a 1 ala superiore

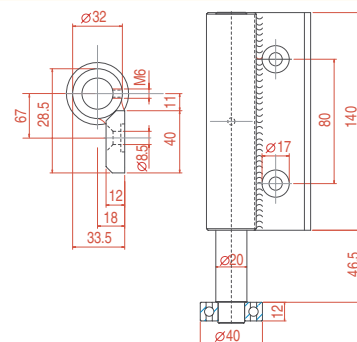
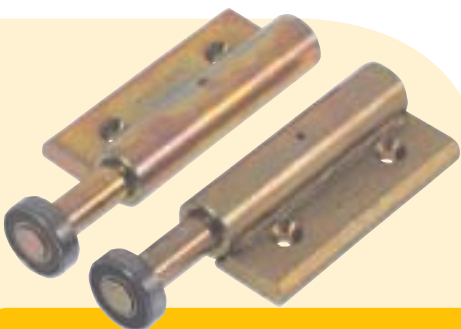
-  Small steel front hinge with backed holes + 1 upper wing
-  Klein. Stahl-vorn Scharniere mit Rueck-Bohrungen und 1 Ober. Fluegel
-  Petite charnière frontale acier perfor. en recul. + 1 aile supérieure
-  Bisagra lateral de acero con 1 ala sin eje






TIPO TYPE	ARTICOLO - ARTICLE				€
	Riferimento-Reference		N°		x1
	CRN 4 ARR P	ET A0 10 41	15	10,2	14,50





Cerniera in acciaio grande arretrata di testa a 1 ala inferiore c/cusc. Ø40

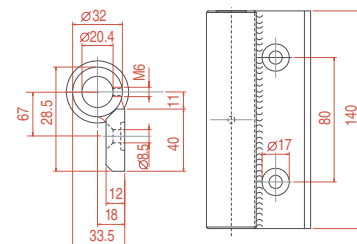
-  Large steel front hinge with backed holes + 1 bottom wing + 1 Ø 40 bearing
-  Grosse Stahl-Vorn. Scharniere mit Rueck. Bohrungen + 1 Unter Fluegel + 1 Lager Ø 40
-  Grande charnière frontale acier perfor. en recul. + 1 aile inf. + 1 roul. Ø 40
-  Bisagra inferior grande de acero con 1 ala con eje Ø 40







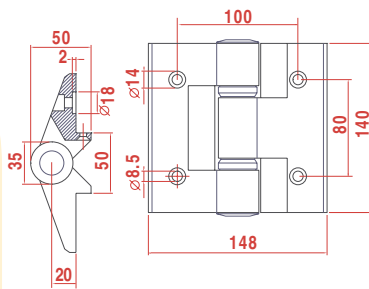
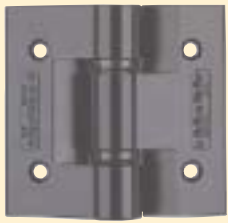
TIPO TYPE	ARTICOLO - ARTICLE		DESCRIZIONE DESCRIPTION			€
	Riferimento-Reference			N°		x1
	CRN 3 GA	ET A0 14 31	TROPICALIZZATA	15	22,5	24,80
	CRN 3 GAV	EV A0 14 31	VERNICIATA NERA	15	22,5	26,30

Cerniera in acciaio grande arretrata di testa a 1 ala superiore

-  Large steel front hinge with backed holes + 1 upper wing
-  Grosse Stahl-Vorn. Scharniere mit Rueck-Bohrungen + 1 Ober. Fluegel
-  Grande charnière frontale acier perfor. en recul. 1 aile supérieure
-  Bisagra grande de acero con 1 ala sin eje

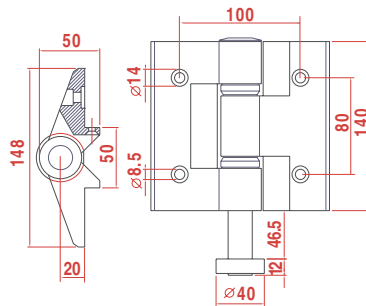
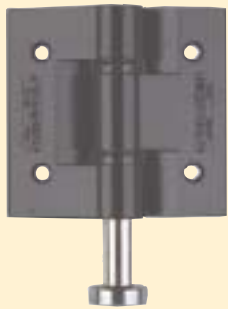


TIPO TYPE	ARTICOLO - ARTICLE		DESCRIZIONE DESCRIPTION			€
	Riferimento-Reference			N°		x1
	CRN 4 GA	ET A0 14 41	TROPICALIZZATA	15	14,8	19,80
	CRN 4 GAV	EV A0 14 41	VERNICIATA NERA	15	14,8	21,30



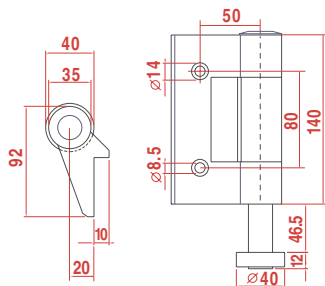
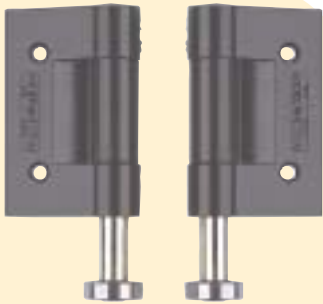
- Cerniere in lega leggera verniciate nero raggrizzato a 2 ali di mezzera per portoni a libro**
- Light alloy black opaque varnished hinge with two centre-line wings
- 2-Flügel-Scharniere (mitte) aluminium Schwarz
- Charnière centrale à 2 côtés - aluminium noir
- Bisagra central en aleación de aluminio negro opaco con 2 alas par atornillar

TIPO TYPE	ARTICOLO - ARTICLE		N°		€
	Riferimento-Reference		N°	€	x1
	CRN 1 A	EA 00 14 1M	15	16.4	26,90
	CRN 1 A PIANA	EA 00 14 11	15	16	26,90



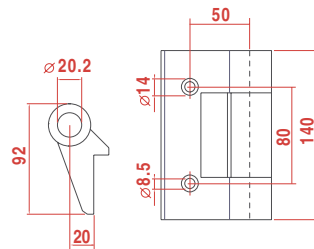
- Cerniere in lega leggera verniciate nero raggrizzato a 2 ali inferiori c/cusc. Ø 40**
- Hinge with two lower wings & bearing Ø 40 black
- 2-Flügel-Scharniere (unten) mit Lager Ø 40 Schwarz
- Charnière inférieure à 2 côtés avec roulement Ø 40 noir
- Bisagra inferior en aleación de aluminio negro opaco con 2 alas y eje Ø 40

TIPO TYPE	ARTICOLO - ARTICLE		N°		€
	Riferimento-Reference		N°	€	x1
	CRN 2 A	EA 00 14 2I	10	19.6	33,50
	CRN 2 A PIANA	EA 00 14 2I	10	18.8	33,50



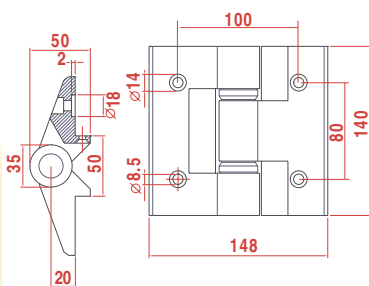
- Cerniere in lega leggera verniciate nero raggrizzato di testa a 1 ala inferiori c/cusc. Ø 40**
- Hinge head with one lower wing & bearing Ø 40 black
- 1-Flügel Kopfscharniere (unten) mit Lager Ø 40 Schwarz
- Charnière inférieure à 1 côté avec un roulement Ø 40 noir
- Bisagra inferior en aleación de aluminio negro opaco con 1 ala y eje Ø 40

TIPO TYPE	ARTICOLO - ARTICLE		N°		€
	Riferimento-Reference		N°	€	x1
	CRN 3 A	EA 00 14 3I	15	18	28,40
	CRN 3 A PIANA	EA 00 14 3I	15	17.5	28,40



- Cerniere in lega leggera verniciate nero raggrizzato di testa 1 ala superiori**
- Hinge head with one upper wing for carriage pin black
- 1-Flügel Kopfscharniere (oben) fuer Wagen-Bolzen Schwarz
- Charnière supérieure à 1 côté pour passage axe de chariot noir
- Bisagra superior en aleación de aluminio negro opaco con 1 ala sin eje

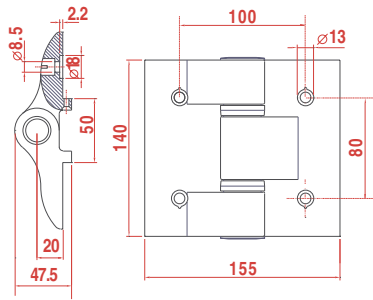
TIPO TYPE	ARTICOLO - ARTICLE		N°		€
	Riferimento-Reference		N°	€	x1
	CRN 4 A	EA 00 14 4S	15	10	19,80
	CRN 4 A PIANA	EA 00 14 4I	15	9.5	19,80



- Cerniere in lega leggera verniciate nero raggrizzato 2 ali superiori senza perno portoni a libro**
- Hinge with two upper wings without pin black
- 2-Flügel Scharniere (oben) ohne Bolzen Schwarz
- Charnière supérieure à 2 côtés sans axe noir
- Bisagra superior en aleación de aluminio negro opaco sin eje

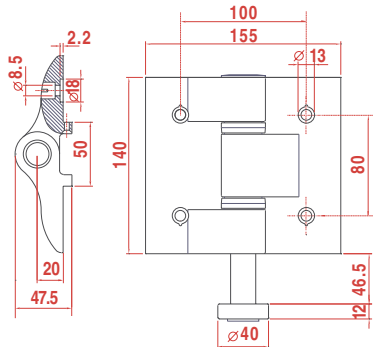
TIPO TYPE	ARTICOLO - ARTICLE		N°		€
	Riferimento-Reference		N°	€	x1
	CRN 5 A	EA 00 14 5S	15	11.3	26,00
	CRN 5 A PIANA	EA 00 14 5I	15	10.8	26,00

Accessori per portoni



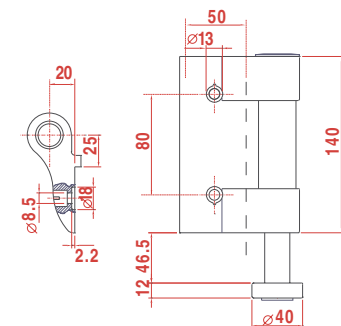
- Cerniere in lega leggera verniciate nero raggrizzato a 2 ali di mezzeria per port. a libro**
- Bended light alloy black opaque varnished hinge with two centre-line wings
- Biegende 2-Flügel-Scharniere (mitte) schwarz-alu
- Charnière centrale à 2 côtés en aluminium noir opaque
- Bisagra cenral redondeada en aleación de aluminio lacado negro mate con 2 alas

TIPO TYPE	ARTICOLO - ARTICLE				€
	Riferimento-Reference		N°		x1
	CRN 1 AC	EA OC 14 1M	15	16.2	28,00
	CRN 1 AC PIANA	EA OC 14 11	15	16	28,00



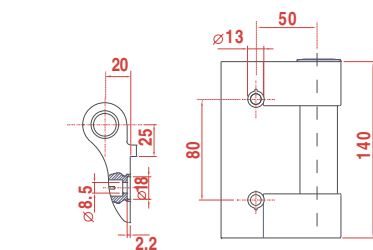
- Cerniere in lega leggera verniciate nero raggrizzato a 2 ali inferiori c/cusc. Ø 40**
- Hinge with two lower wings & bearing Ø 40
- Biegende 2-Flügel-Scharniere (unten) mit Lager Ø 40mm (mitte) schwarz-aluminium
- Charnière inférieure à 2 côtés avec roulement Ø 40 en aluminium noir opaque
- Bisagra inferior redondeada en aleación de aluminio lacado negro mate con eje Ø 40

TIPO TYPE	ARTICOLO - ARTICLE				€
	Riferimento-Reference		N°		x1
	CRN 2 AC	EA OC 14 21	10	19.4	34,60
	CRN 2 AC PIANA	EA OC 14 21	10	19	34,60



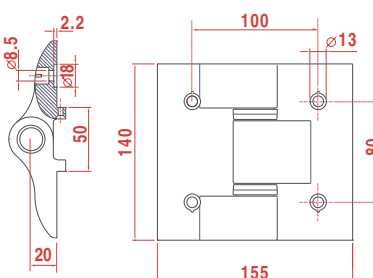
- Cerniere in lega leggera verniciate nero ragg. di testa a 1 ala inferiori c/cusc. Ø 40**
- Hinge head with one lower wing & bearing Ø 40
- Biegende 1-Flügel-Kopfscharniere mit Lager Ø 40mm
- Charnière inférieure à 1 côté avec un roulement Ø 40
- Bisagra inferior lateral redondeada en aleación de aluminio lacado negro mate con eje Ø 40

TIPO TYPE	ARTICOLO - ARTICLE				€
	Riferimento-Reference		N°		x1
	CRN 3 AC	EA OC 14 3I	15	17.5	29,00
	CRN 3 AC PIANA	EA OC 14 3I	15	17	29,00



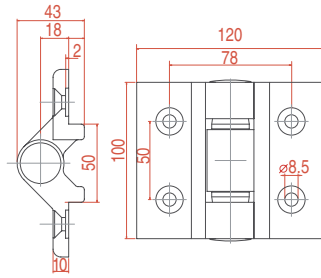
- Cerniere in lega leggera verniciate nero raggrizzato di testa 1 ala superiori**
- Hinge head with one upper wing for carriage pin
- Biegende 1-Flügel-Kopfscharniere mit Lager
- Charnière supérieure à 1 côté pour passage axe de chariot
- Bisagra superior redondeada en aleación de aluminio lacado negro mate sin eje

TIPO TYPE	ARTICOLO - ARTICLE				€
	Riferimento-Reference		N°		x1
	CRN 4 AC	EA OC 14 4S	15	9.8	20,30
	CRN 4 AC PIANA	EA OC 14 4I	15	9.2	20,30



- Cerniere in lega leggera verniciate nero ragg. 2 ali superiori senza perno portoni a libro**
- Hinge with two upper wings without pin
- Biegende 2-Flügel-Scharniere oben ohne Bolzen Scharniere
- Charnière supérieure à 2 côtés sans axe en aluminium noir opaque
- Bisagra superior en aleación de aluminio lacado negro mate con 2 alas sin eje

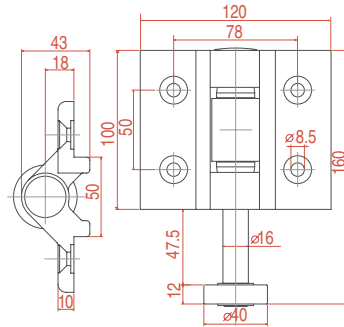
TIPO TYPE	ARTICOLO - ARTICLE				€
	Riferimento-Reference		N°		x1
	CRN 5 AC	EA OC 14 5S	15	11.4	27,10
	CRN 5 AC PIANA	EA OC 14 5I	15	11	27,10



Cerniera in lega leggera piccola a 2 ali di mezzeria verniciata nero raggrizzato

- Black aluminium small 2 middle wing hinge
- Aluminium kleine Scharniere 2 mitte Fluegel schwarz Anstrich
- Petite charnière aluminium 2 ailes centrales noir gaufré
- Bisagra en aleación de aluminio negro opaco con 2 alas, centrals

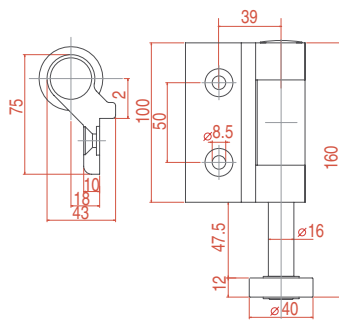
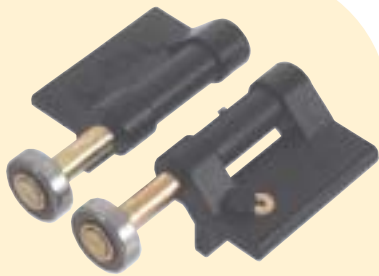
TIPO TYPE	ARTICOLO - ARTICLE				
	Riferimento-Reference		N°		x1
	CRN 1 AP	EA 00 10 1M	15	9.8	20,00
	CRN 1 AP PIANA	EA 00 10 11	15	9.7	20,00



Cerniera in lega leggera piccola a 2 ali inferiore c/cusc. Ø40 verniciata nero ragg.

- Black aluminium small 2 bottom wing hinge with 1 Ø40 bearing
- Aluminium kleine Scharniere 2 unter Fluegel mit Ø40 Lager schwarz Anstrich
- Petite charnière aluminium 2 ailes infer. + roulement Ø40 noir gaufré
- Bisagra en aleación de aluminio negro opaco con 2 alas, inferior con eje Ø40

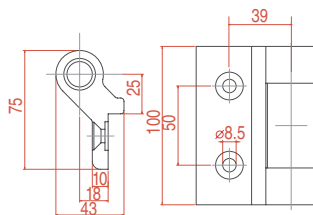
TIPO TYPE	ARTICOLO - ARTICLE				
	Riferimento-Reference		N°		x1
	CRN 2 AP	EA 00 10 2I	15	10.5	25,10
	CRN 2 AP PIANA	EA 00 10 21	15	10.4	25,10



Cerniera in lega leggera piccola a 1 ala inf. c/cusc. Ø40 verniciata nero ragg.

- Black aluminium small 1 wing hinge with 1 Ø40 bearing
- Aluminium kleine Scharniere 1 unter Fluegel mit 1 Ø40 Lager schwarz Anstrich
- Petite charnière aluminium 1 aile inf. avec roulement Ø40 noir gaufré
- Bisagra en aleación de aluminio negro opaco con 1 ala, inferior, con cojinete Ø40

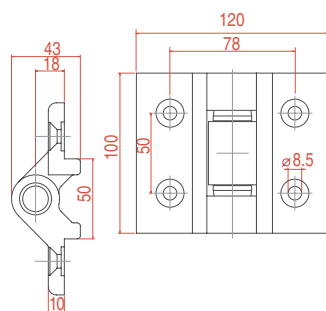
TIPO TYPE	ARTICOLO - ARTICLE				
	Riferimento-Reference		N°		x1
	CRN 3 AP	EA 00 10 3I	15	6.75	21,60
	CRN 3 AP PIANA	EA 00 10 31	15	6.65	21,60



Cerniera in lega leggera piccola a 1 ala superiore verniciata nero raggrizzato

- Black aluminium small 1 up wing hinge
- Aluminium kleine Scharniere 1 oben Fluegel schwarz Anstrich
- Petite charnière aluminium 1 aile super. noir gaufré
- Bisagra en aleación de aluminio negro opaco con 1 ala, superior, para pernio carro

TIPO TYPE	ARTICOLO - ARTICLE				
	Riferimento-Reference		N°		x1
	CRN 4 AP	EA 00 10 4I	15	6	14,50
	CRN 4 AP PIANA	EA 00 10 41	15	5.9	14,50

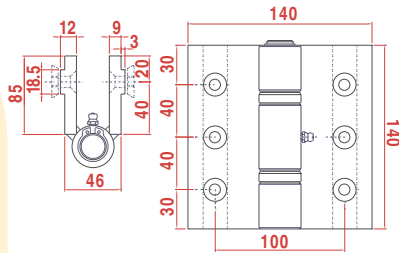


Cerniera in lega leggera piccola a 2 ali sup. s/perno verniciata nero raggrizzato

- Black aluminium small 2 up wing hinge w/out pin
- Aluminium kleine Scharniere 2 oben Fluegel ohne Stifte schwarz Anstrich
- Petite charnière aluminium 2 ailes sup. sans pivot noir gaufré
- Bisagra en aleación de aluminio negro opaco, con 2 alas, superior, sin pernio

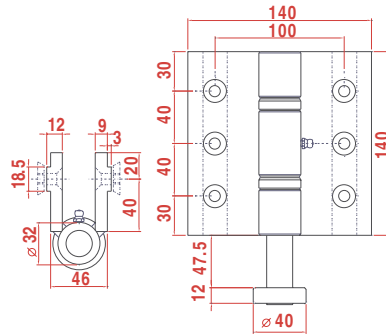
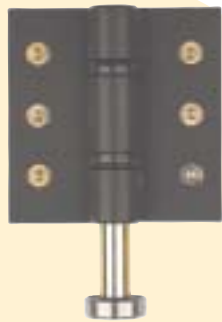
TIPO TYPE	ARTICOLO - ARTICLE				
	Riferimento-Reference		N°		x1
	CRN 5 AP	EA 00 10 5I	15	7.5	18,80
	CRN 5 AP PIANA	EA 00 10 51	15	7.4	18,80

Accessori per portoni



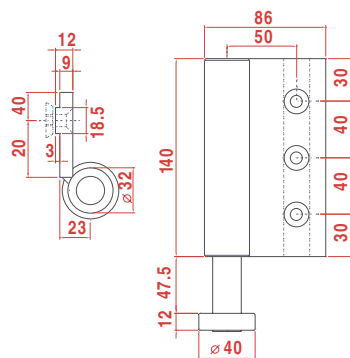
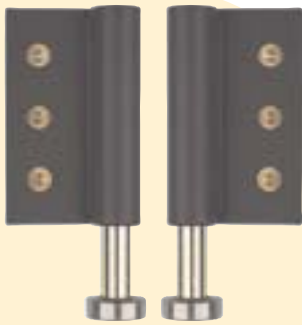
- Cerniere in acciaio fiss. int. a 2 ali di mezzeria per portoni a libro**
- Steel hinge for internal fixing with two centre-line wings
- 2-Flügelstahlscharniere fuer innere Befestigung
- Charnière centrale à 2 côtés en acier pour fixation interne
- Bisagra de acero, fijación interna, con 2 alas, inferior, con eje

ARTICOLO - ARTICLE				
Riferimento-Reference		N°		x1
CRN 1 F	EN 00 14 12	10	24.7	33,30



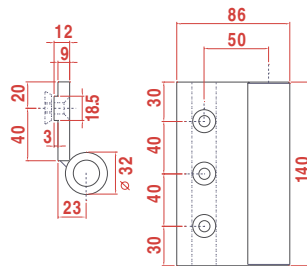
- Cerniere in acciaio fiss. int. a 2 ali inferiori c/cusc. $\varnothing 40$**
- Steel hinge for internal fixing with two lower wings & bearing $\varnothing 40$
- 2-Flügel-Scharniere unten mit Lager $\varnothing 40$ mm
- Charnière centrale à 2 côtés en acier pour fixation interne avec roulement $\varnothing 40$
- Bisagra de acero, fijación interna, con 1 ala, inferior, con eje $\varnothing 40$

ARTICOLO - ARTICLE				
Riferimento-Reference		N°		x1
CRN 2 F	EN 00 14 22	10	26.7	39,90



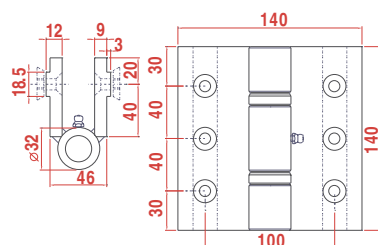
- Cerniere in acciaio fiss. int. di testa a 1 ala inferiori c/cusc. $\varnothing 40$**
- Steel hinge head for internal fixing with one lower wing & bearing $\varnothing 40$
- 1-Flügel-Scharniere unten mit Lager $\varnothing 40$ mm
- Charnière inférieure à 1 côté avec un roulement $\varnothing 40$
- Bisagra de acero, fijación interna, con 1 ala, inferior, con eje $\varnothing 40$

ARTICOLO - ARTICLE				
Riferimento-Reference		N°		x1
CRN 3 F	EN 00 14 32	10	19.1	32,00



- Cerniere in acciaio fiss. int. di testa a 1 ala superiori**
- Steel hinge head for internal fixing with upper wings without pin
- 1-Flügel Kopfscharniere oben fuer Wagen-Bolzen
- Charnière supérieure en acier noir opaque à 1 côté
- Bisagra de acero, fijación interna, lateral

ARTICOLO - ARTICLE				
Riferimento-Reference		N°		x1
CRN 4 F	EN 00 14 42	15	20.3	23,40

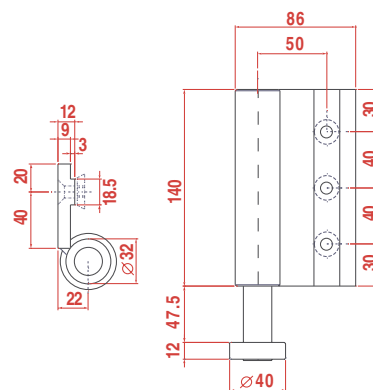


- Cerniere in acciaio fiss. int. a 2 ali superiori senza perno portoni a libro**
- Steel hinge for internal fixing with two upper wings without pin
- 2-Flügelstahlscharnier oben ohne Bolzen fuer Falttüren
- Charnière supérieure à 2 côtés sans pivot pour porte accordéon
- Bisagra de acero, superior, fijación interna, con 2 alas, sin eje

ARTICOLO - ARTICLE				
Riferimento-Reference		N°		x1
CRN 5 F	EN 00 14 52	10	21.3	32,40

Cerniere in acciaio fiss. int. di testa a 1 ala inferiori c/cusc. Ø40 per portoni 2+2

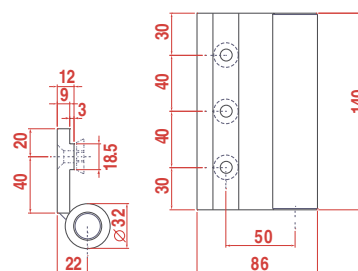
- Steel hinge head for internal fixing with one lower wing 6 bearing Ø40 for doors 2+2
- 2-Flügelstahlscharniere fuer innere Befestigung fuer 2+2 Falttore mit Lagen Ø40
- Charnière inférieure à 1 côté avec roulement diamètre 40 pour portail 2+2
- Bisagra de acero, fijación interna, con 1 ala, con eje Ø40 para puerta plegable de apertura central



ARTICOLO - ARTICLE					
Riferimento-Reference	N°	EN		x1	
CRN 3 CF	EN 00 14 33	15	19.1	32,00	

Cerniere in acciaio fiss. int. di testa a 1 ala superiori per portoni 2+2

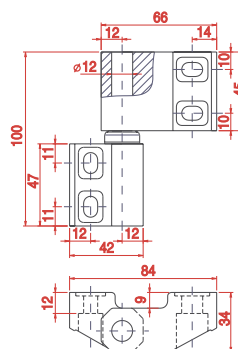
- Steel hinge head with one upper wing for doors 2+2
- 1-Flügel Kopfscharniere oben fuer Wagen-Bolzen innere Befestigung fuer 2+2 Falttueren
- Charnière supérieure à 1 côté pour portail 2+2
- Bisagra superior de acero, fijación interna, con 2 alas



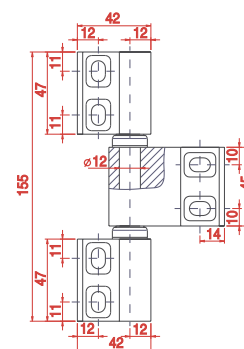
ARTICOLO - ARTICLE					
Riferimento-Reference	N°	EN		x1	
CRN 4 CF	EN 00 14 43	15	20.3	23,40	

Cerniere in acciaio per porte vetrate

- Hinge for glass doors
- Scharniere fuer Glastüren
- Charnière pour porte vitrées
- Bisagra de acero para puertas de vidrio



ART.40/1



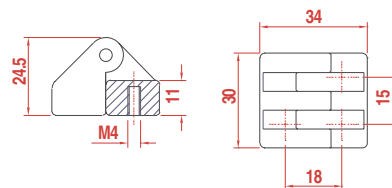
ART.40/2

ARTICOLO - ARTICLE					
Riferimento-Reference	N°	EN		x1	
40 /1	EN 42 66 02	20	14	18,00	
40 /2	EN 42 66 03	10	10	23,90	

Accessori per portoni

Cerniere in nylon per usi particolari con fori di fissaggio ciechi filettati

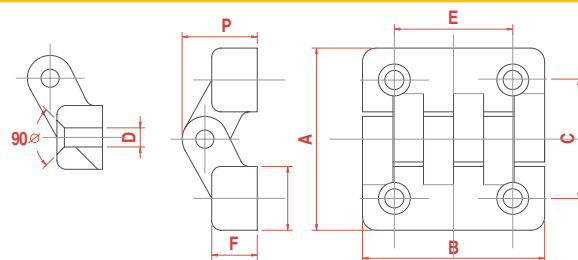
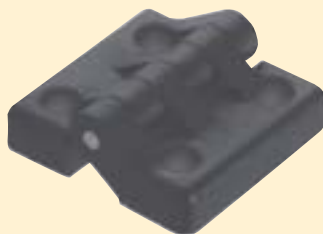
- Nylon hinges with blind fixing holes for special use
- Nylon Scharniere fuer spezial Benutzung
- Charnière en nylon
- Bisagra de nylon con orificios de fijación ciegos



ARTICOLO - ARTICLE		N°		€
Riferimento-Reference		N°	€	x1
87	EP 34 30 00	50	2	3,00

Cerniere in nylon per usi particolari con fori passanti

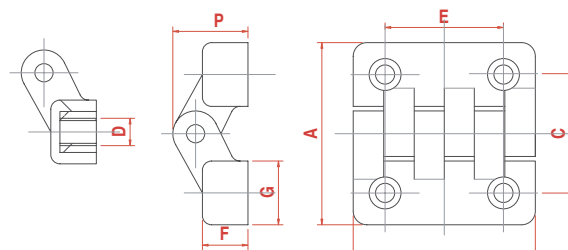
- Nylon hinge for special use with holes
- Spezial Nylon Scharniere mit Bohrungen
- Charnière nylon pour usage spécial avec perforations
- Bisagra de nylon para atornillar



ARTICOLO - ARTICLE		A	B	C	E	F	G	P	D	N°		€
Riferimento-Reference		mm								N°	€	x1
88/40	EP 40 40 00	40	40	25.5	25.5	10	14	16.5	4	50	1	2,80
88/48	EP 48 48 00	48	48	31	30	12.5	17	20.5	5	50	1.6	2,95
88/64	EP 64 64 00	65	65	40	40	14	24	25	6	30	2.6	3,15
88/98	EP 98 98 00	98	98	63	60	21	35	25	10	10	2.5	7,30

Cerniere in nylon per usi particolari con fori ciechi filettati

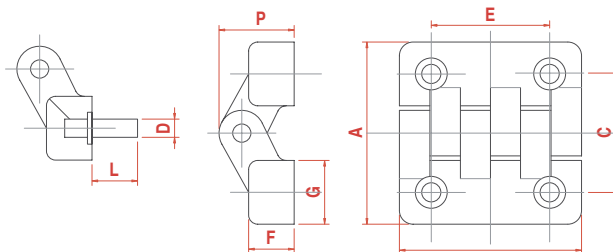
- Nylon hinge for special use with blind threaded holes
- Spezial Nylon Scharniere mit Gewinde-Bohrungen
- Charnière nylon pour usage spécial avec perforations filettées
- Bisagra grande de nylon con orificios de fijación ciegos



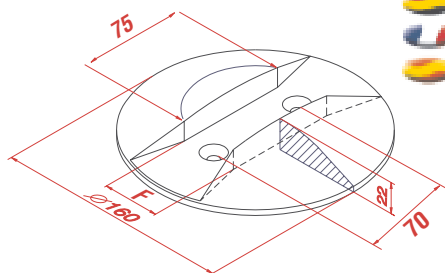
ARTICOLO - ARTICLE		A	B	C	E	F	G	P	D	N°		€
Riferimento-Reference		mm								N°	€	x1
89/48 F5	EP 48 48 F5	48	48	31	30	12.5	17	20.5	M5	50	1.3	4,60
89/48 F6	EP 48 48 F6	48	48	31	30	12.5	17	20.5	M6	50	2	4,60
89/65 F6	EP 65 65 F6	65	65	40	40	14	24	25	M6	40	3.2	5,30
89/98 F10	EP 98 98 F1	98	98	63	60	21	35	25	M10	10	2.6	10,5

Cerniere in nylon per usi particolari con perno filettato

- Nylon hinge for special use with threaded pin
- Spezial Nylon Scharniere mit Gewinde-Stifte
- Charnière nylon pour usage spécial avec axe fileté
- Bisagra grande de nylon con tornillos fileteados



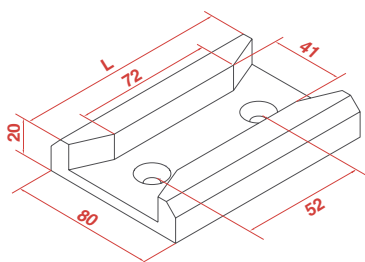
ARTICOLO - ARTICLE		A	B	C	E	F	G	P	DxL	N°		€
Riferimento-Reference		mm								N°	€	x1
90/48 M5	EP 48 48 M5	48	48	31	30	12.5	17	20.5	M5 x 15	50	2.4	4,60
90/65 M6	EP 65 65 M6	65	64	40	40	14	24	25	M6 x 20	20	4	5,30
90/98 M10	EP 98 98 M10	98	98	63	60	21	35	25	M10 x 20	5	1.6	10,50



Incontro per portoni a libro

- Meeting point for folding doors
- Bodenführungsplatte fuer Falldüren
- Butée pour porte accordéon
- Topes redondos bicromatados para puerta plegable para atornillar

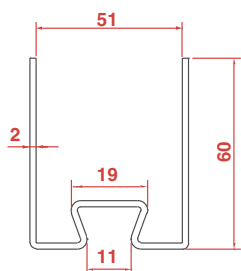
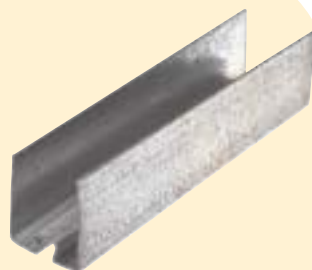
ARTICOLO - ARTICLE		F	N°		€
Riferimento-Reference					x1
35F25	FT 16 22 20	25	5	7.8	25,10
35F30	FT 16 22 30	30	5	8	25,10
35F32	FT 16 22 10	32	5	8.1	25,10
35F41	FT 16 22 00	41	5	7.9	25,10



Incontro rettangolare per portoni a libro

- Rectangular meeting point for folding doors
- Bodenführungsplatte, rechteckig
- Butée rectangulaire pour porte accordéon
- Topes rectangulares bicromatados para puerta plegable para atornillar

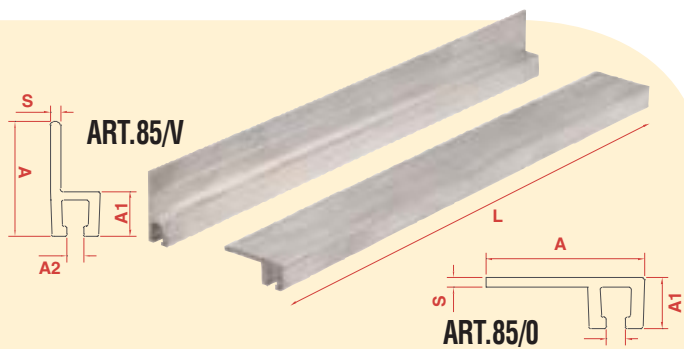
ARTICOLO - ARTICLE		L	N°		€
Riferimento-Reference					x1
64P	FT 80 20 00	115	20	15	23,90
64G	FT 80 20 22	220	20	18	27,00



Profilo per portoni a libro

- Profile for folding doors
- Führungsprofil fuer Falldüren
- Guide pour porte accordéon
- Guía cincada para puerta plegable

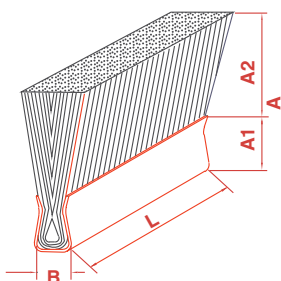
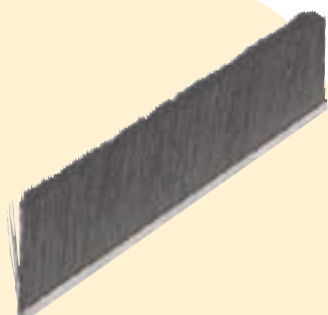
ARTICOLO - ARTICLE	DESCRIZIONE DESCRIPTION	FASCI - SHEAFS	€	€	
Riferimento-Reference				x1 ML	
67	BZ 60 55 00	ZINCATO da ML 6	ML 120	360	9,45



Profilo porta spazzolino fissaggio orizzontale e verticale

- Holding brush profile for horizontal & vertical mounting
- Aufnahmepprofil fuer Bürste
- Guide porte brosse à fixation horizontale et verticale
- Guía porta cepillo, fijación horizontal (85/O) o vertical (85/V)

ARTICOLO - ARTICLE	A	A1	A2	S	L	€	€		
Riferimento-Reference	mm					ML	x1 ML		
85/V	BA 25 09 01	25	9	3	1.5	2	50	3.16	3,60
85/O	BA 25 09 02	25	9	3	1.5	2	50	3.6	3,60

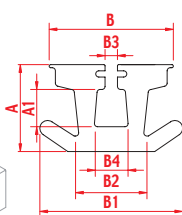
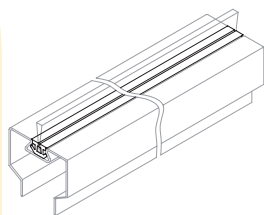
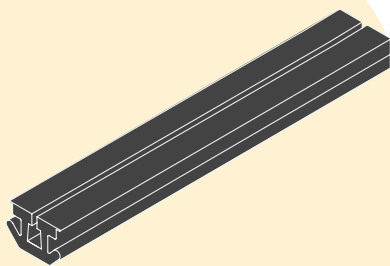


Spazzolino in barre da ml 2

- Brush 2 metre-long bars
- Bürste 2 Meter lang stangen
- Brosse en barres de 2 mètres
- Cepillo en barras de 2 metros

ARTICOLO - ARTICLE	A	A1	A2	B	L	€	€		
Riferimento-Reference	mm					ML	x1 ML		
86/25	WP 25 05 00	25	5	20	5	ML 2	100	12	3,60
86/32	WP 32 05 00	32	5	27	5	ML 2	100	12.7	3,90
86/38	WP 38 05 00	38	5	33	5	ML 2	100	14	4,20
86/50	WP 50 05 00	50	5	45	5	ML 2	100	15.6	4,80

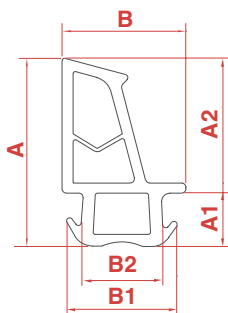
Accessori per portoni



Guarnizioni per **ALPHA** per spazzolino

- Seal rubber for **ALPHA** for brush
- Faldichtung fuer Bürste **ALPHA**
- Protection pour **ALPHA** pour brosse
- Guía estanca para cepillo – especial **ALPHA**

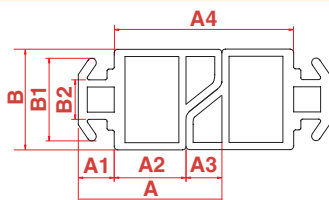
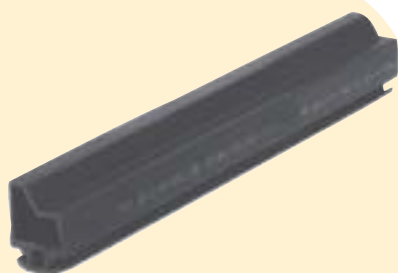
ARTICOLO - ARTICLE	A	A1	B	B1	B2	B3	B4	ABBINABILE COMBINING			
Riferimento-Reference	mm								ML		x1 ML
187 BP 22 14 00	14	6	20	22	11	2	5.5	ALPHA		75 11	3,70



Guarnizioni per **ALPHA** per portoni scorrevoli

- Seal rubber for **ALPHA** profile for sliding doors
- Faldichtung fuer **ALPHA** profil
- Protection pour **ALPHA** pour porte coulissante
- Guía estanca para puertas correderas **ALPHA**

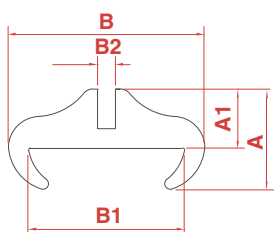
ARTICOLO - ARTICLE	A	A1	A2	B	B1	B2	ABBINABILE COMBINING			
Riferimento-Reference	mm							ML		x1 ML
68 BP 45 30 00	45	11	34	30	25	18		30	16.74	7,50



Guarnizione per profilo **ALPHA** e art.67 per portoni a libro

- Seal rubber for **ALPHA** profile & art. 67 for folding doors
- Faldichtung fuer **ALPHA** profil und art. 67
- Protection pour guide **ALPHA** et art. 67 pour porte pliante
- Guía estanca para art. 67 **ALPHA**

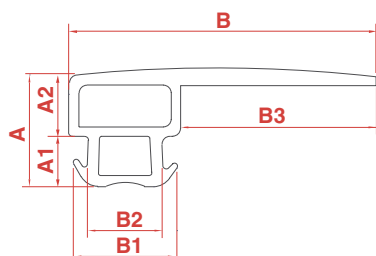
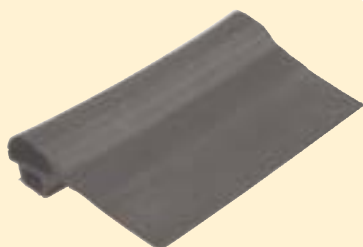
ARTICOLO - ARTICLE	A	A1	A2	A3	A4	B	B1	B2	ABBINABILE COMBINING			
Riferimento-Reference	mm									ML		x1 ML
69/1 BP 43 28 00	42	11	20	10	50	28	24	11	ALPHA		25 14	6,70
69/2 BP 43 35 00	42	11	21	10	50	35	17	10.5	ART.67		25 16.2	6,70



Guarnizione per oblò per pannello

- Seal rubber for the panel window
- Gummiprofil fuer Fenster
- Joint pour hublot
- Perfil para mirilla

ARTICOLO - ARTICLE	A	A1	B	B1	B2	ABBINABILE COMBINING			
Riferimento-Reference	mm						ML		x1 ML
83 BP 26 40 00	26	14	50	40	5/8		15	15	12,35

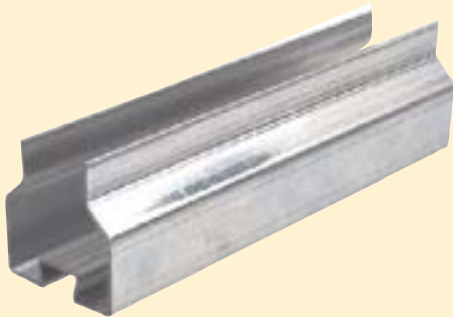
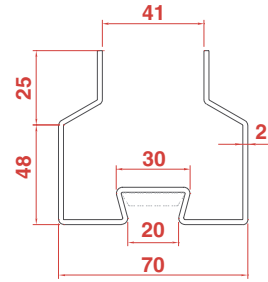


Guarnizione a pinna per profilo **ALPHA**

- Wing seal rubber for **ALPHA** profile
- Flossfaldichtung **ALPHA**
- Joint de protection pour guide **ALPHA**
- Perfil estanco con aleta especial guía **ALPHA**

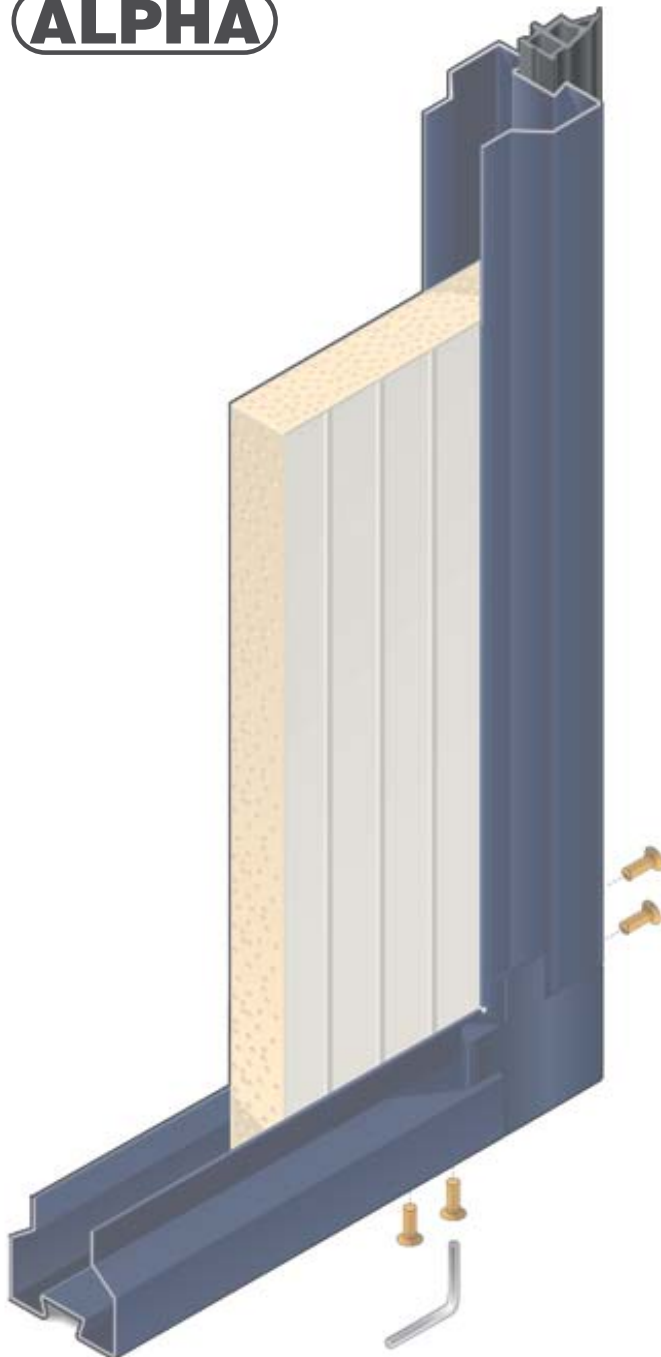
ARTICOLO - ARTICLE	A	A1	A2	B	B1	B2	B3	ABBINABILE COMBINING			
Riferimento-Reference	mm								ML		x1 ML
84 BP 32 96 00	30	12.5	17.5	80	28	18	50	ALPHA		10 6	10,20

-  **ALPHA** il profilo per pannelli per portoni a libro
-  **ALPHA** the profile for folding & sliding doors
-  **ALPHA** das Profil fuer Faltschiebetore
-  **ALPHA** guide pour porte coulissante et porte accordéon
-  **ALPHA** la guía cincada para puertas correderas y plegables



ARTICOLO - ARTICLE	DESCRIZIONE DESCRIPTION	FASCI - SHEAFS	kg	€
Riferimento-Reference				x1 ML
ALPHA BZ 70 40 00	ZINCATO da ML 6	ML 240	756	10,80

ALPHA



I vantaggi di ALPHA

- Costi ridotti al minimo.
- Pronto all'uso già zincato in barre da ml 6.
- Su ordinazione (min. 50 barre) lunghezze a piacere.
- Ridotti al minimo i tempi di realizzazione.
- Con una solida squadretta preforata si forma il perimetro senza tagliare a 45°.
- Assemblaggio in cantiere • riduzione di sfridi.
- Elevata robustezza • riduzione di energia elettrica.
- Riduzione di particolari e costose attrezzature.
- Eliminazione di saldature e di fumi.
- Eliminazione della smerigliatura • riduzione degli infortuni.
- Riduzione al minimo dei costi di trasporto • notevole estetica.

The advantages of ALPHA

- Reduced costs.
- Ready to use previously galvanised in standard lengths of 6 mts.
- Modular lengths available on request (min. 50 bars).
- Reduced the stages of realization of a folding and sliding door.
- With a solid already perforated metal square you have the boundary without cutting at 45°.
- Assemblage of the parts directly in the yard • reduction of friction.
- A high strength • reduction on the use of electric power.
- Reduction of particular and expensive machinery.
- Elimination of welding • elimination of noxious fumes.
- Elimination of the sanding • reduction of the industrial accidents.
- Reduction on the transport costs • a highly esthetic aspect.

Die Vorteile des ALPHA

- Maximale Kosteneinsparung.
- Lieferung in verzinkten Profilen à 6 lfm.
- Auf Bestellung (min. 50 Stangen) auch in Fixlängen.
- Montagezeiten sind auf ein minimum reduziert.
- Durch den Einsatz eines Vorgelochten Eckverbinders erspart man sich ein Ablängen des Profiles auf 45°.
- Die Montage kann auf der Baustelle erfolgen • geringer Verschnitt.
- Erhöhte Stabilität • Einsparung von elektrischer Energie.
- Einsparung von eigener Werkzeugeinrichtung und dadurch Kostensenkung.
- Kein schweißen erforderlich und daher keine Rauchentwicklung.
- Kein Schleifen notwendig • geringes Unfallrisiko.
- Minimierung der Transportkosten • gefällige Optik.

Les avantages d' ALPHA





- Réduction des coûts
- Prêt à l'usage galvanisé en longueur de 6 mètres.
- Longueur modulable sur demande (min. 50 barres).
- Installation rapide.
- Grâce à l'équerre perforée, coupe inutile pour angle à 45°.
- Assemblage sur le chantier - réduction des frottements.
- Solidité renforcée - réduction de la consommation d'énergie électrique.
- Elimination des soudures - élimination des fumées dangereuses et du rodage.
- Réduction des accidents.
- Produit hautement esthétique.

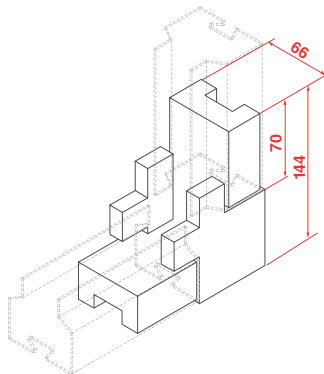
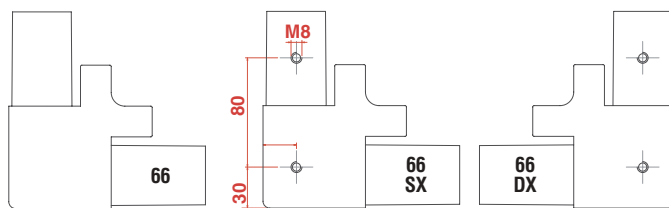
Las ventajas de ALPHA



- Costos reducidos al mínimo
- Ya galvanizado, en barras de 6 ml: listo para el uso.
- Longitud variable bajo pedido.
- Reduccion de los tiempos de fabricacion.
- Suprecion del corte a 45° gracias a la solida escuadra perforada.
- Elevada robusteza reduccion de los rozamientos.
- Reduccion de la energia electrica.
- Reduccion de las maquinarias necesarias.
- Eliminacion de soldaduras y humoss.
- Montaje en obra y reduccion al minimo de los costos de transporte.
- Notable estetica.

Accessori per portoni





Squadretta in alluminio per profilo **ALPHA**

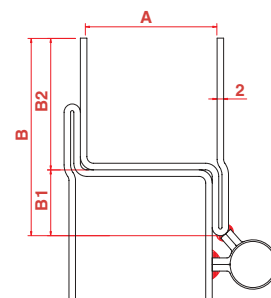
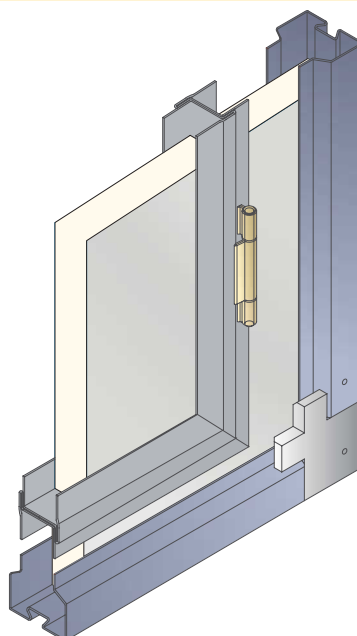
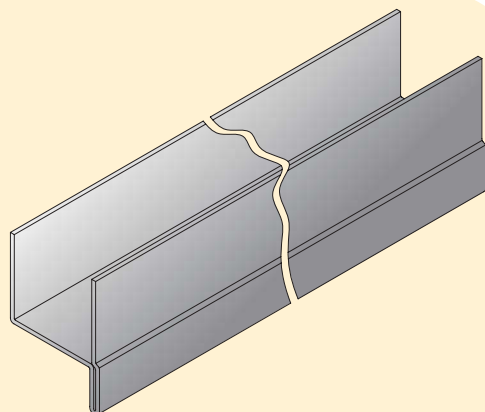
-  Light alloy square for Alpha profile
-  Eckabschluß aus Aluminium fuer Alpha Profil
-  Equerre en aluminium pour guide Alpha
-  Escuadra perforada de aluminio para guía Alpha





ARTICOLO - ARTICLE			€	
Riferimento-Reference	N°		x1	
66	XA 15 66 00	8	12	21,50
66DX	XA 15 66 0D	8	15.6	22,50
66SX	XA 15 66 0S	8	15.6	22,50





REFLEX Profilo per porta pedonale

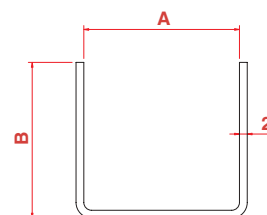
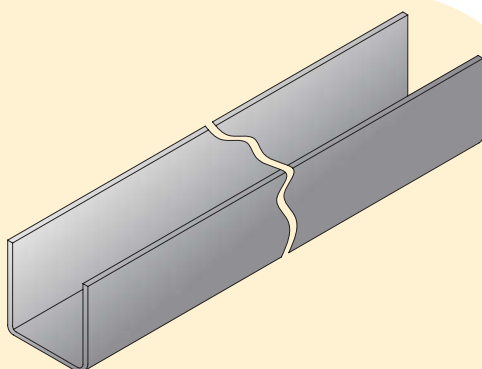
-  Profile for passage door
-  Profil fuer Passage Tuer
-  Profil porte passage
-  Reflex perfil cincado para puerta peatonal



ARTICOLO - ARTICLE		A	B	B1	B2	DESCRIZIONE DESCRIPTION	FASCI SHEAFS		kg		€
Riferimento-Reference										X1 ML	
REFLEX	BZ 60 40 00	41	60	20	40	ZINCATO da ML 6	120	290	6,30		



Profilo porta pannello spessore 40mm

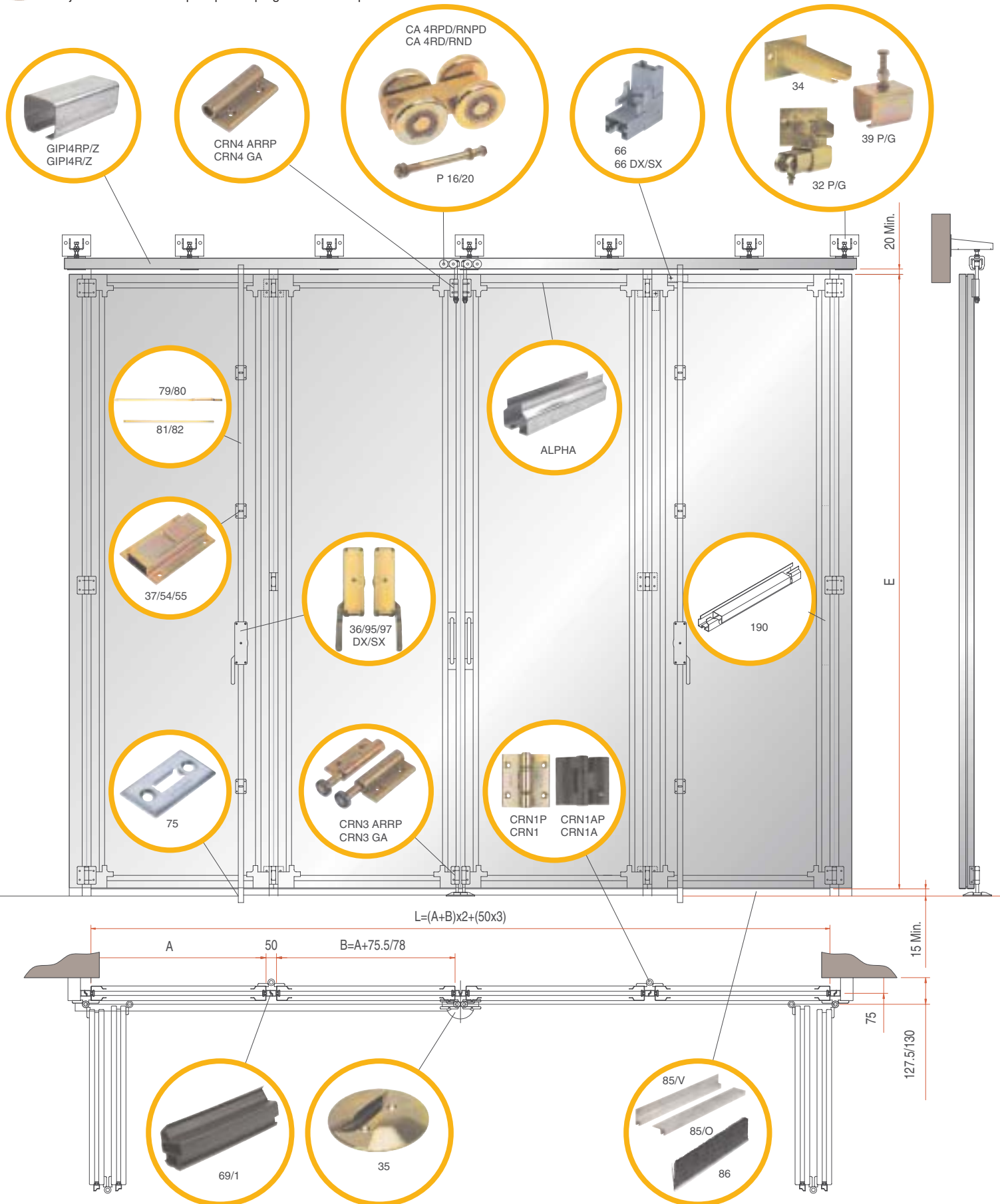
-  Panel holder profile 40 mm thick
-  Profil fuer Panel 40 mm dick
-  Profil panneau épaisseur 40 mm
-  Perfil cincado panel de 40 mm



ARTICOLO - ARTICLE		A	B	DESCRIZIONE DESCRIPTION	FASCI SHEAFS		kg		€
Riferimento-Reference								X1 ML	
187	BZ 40 40 00	40	40	ZINCATO da ML 6	120	225	4,30		

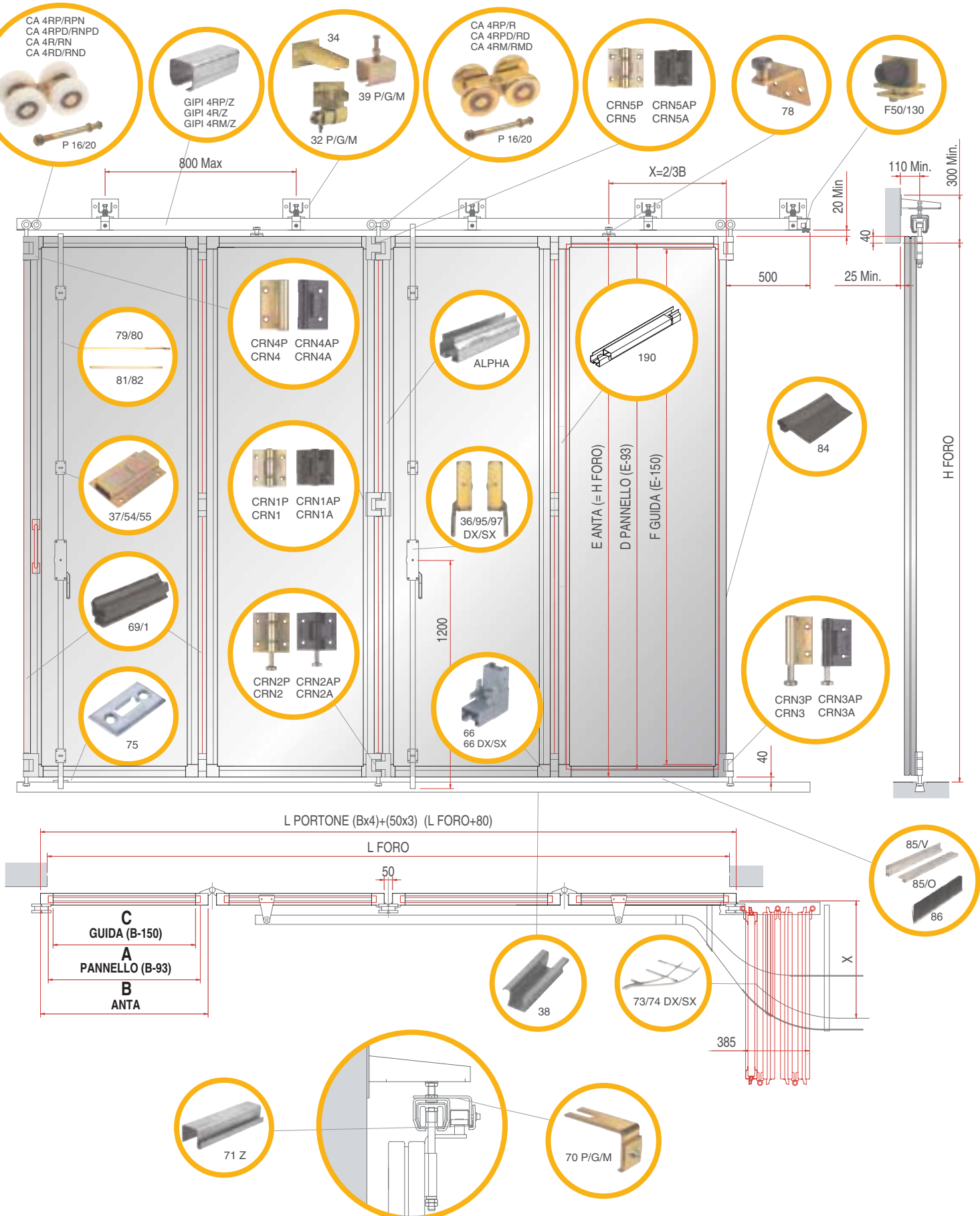
Insieme portone a libro 2+2

-  Folding doors 2+2
-  2+2 Falt-Tueren
-  Portes pliantes 2+2
-  Conjunto de accesorios para puerta plegable 2+2 de apertura central







Accessori per portoni

- Insieme portone a libro con impacco a "dx" o a "sx"**
- Folding doors right hand or left hand side gathering**
- Falt-Tueren mit rechts oder links Sammlung**
- Portes pliantes sur côté droit ou côté gauche**
- Conjunto de accesorios para puerta plegable de apertura lateral izquierda y derecha**







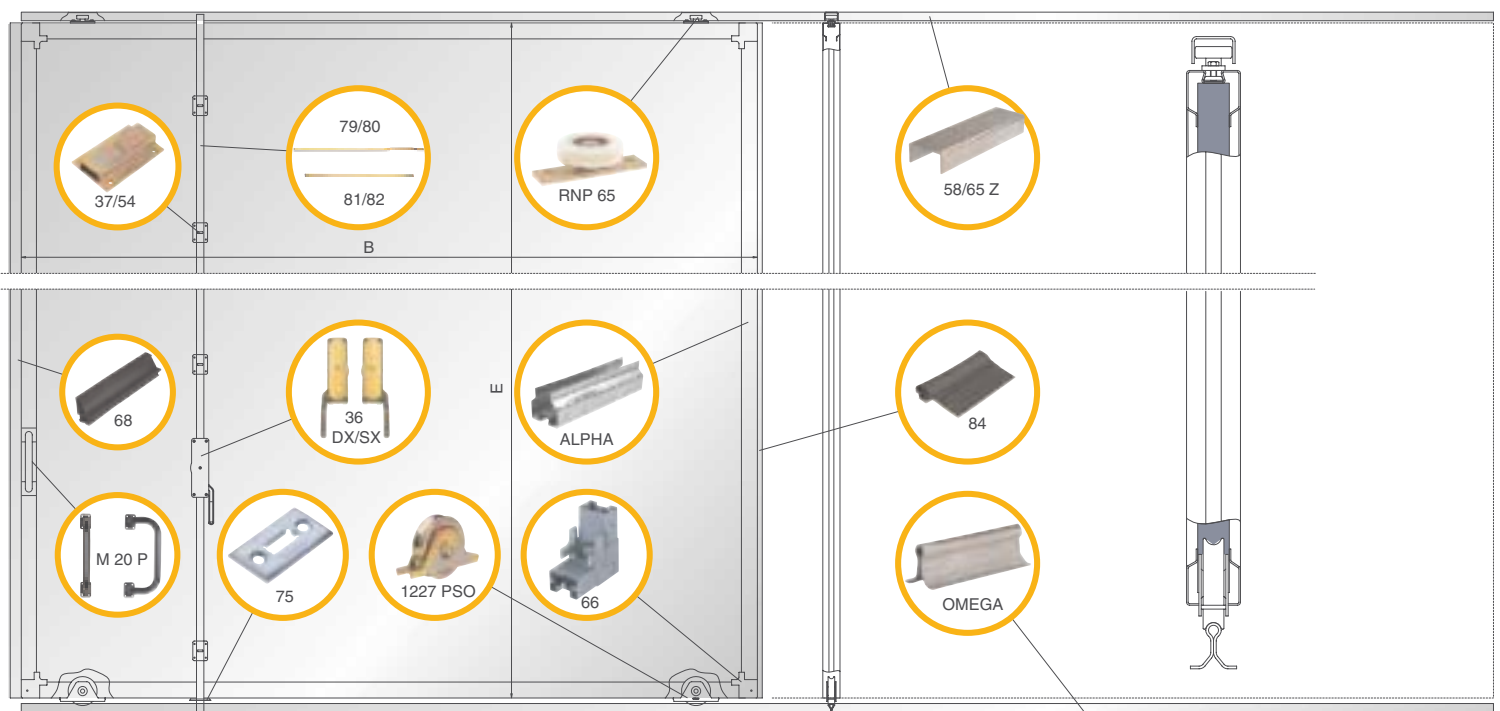


Portone industriale a libro a 6 ante Altezza mt. 6 x Lunghezza mt. 7.8

-  Industrial foldingdoors - H. 6 m x W. 7.8
-  Industrie Falt-Tues - H. 6 m x B. 7.8
-  Portes piantes industrielles - H. 6 m x L. 7.8
-  Puerta industrial plegable de 6 hajas. Altura 6 m. x Anchura 7,8 m

Insieme portone scorrevole con guida a pavimento

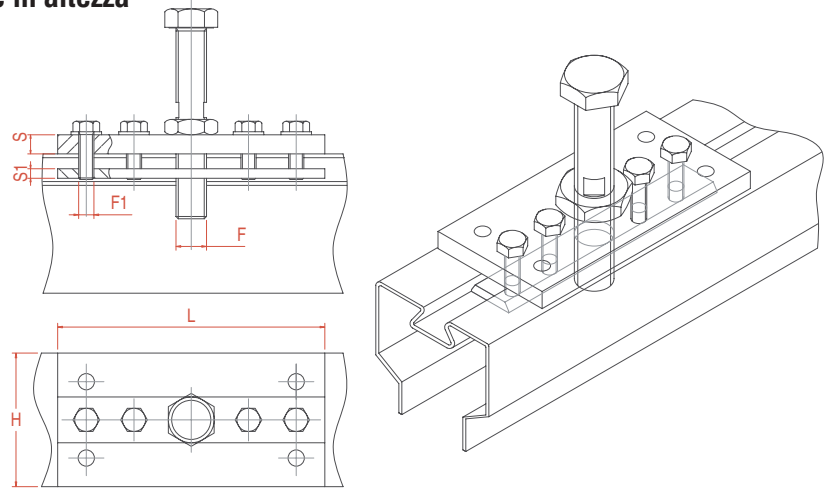
-  Sliding door with floor rail
-  Schieb-Tuer mit Boden Schienen
-  Porte coulissante avec rail au sol
-  Conjunto de accesorios para puerta corredera con guía inferior



Accessori per portoni

Piastra di fissaggio perno carrello e regolazione in altezza

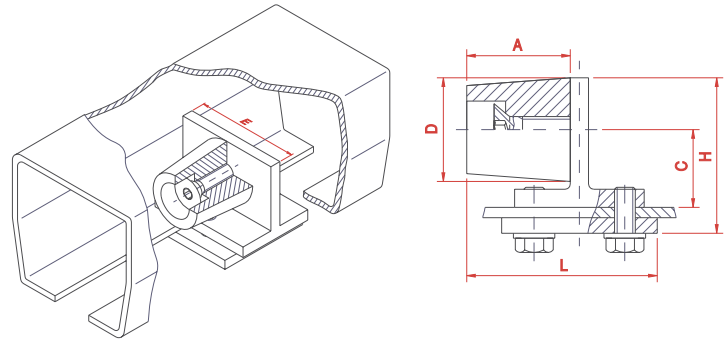
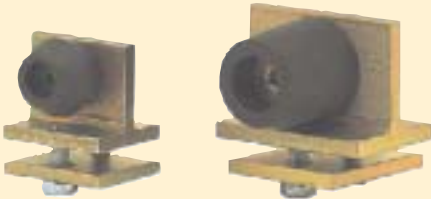
- Height adjustable pin for carriage fastening
- Hoeheverstellbare Befestigungsplatte fuer Wagen Stifte
- Plaque de fixation axe-chariot réglable en hauteur
- Placa de fijación con regulacion en altura para carro



ARTICOLO - ARTICLE		L	H	S	S1	F	F1	N°		€
Riferimento-Reference		mm				mm				x1
101 P	ST 14 70 16	140	70	10	5	M16x100	M8x25	10	10.5	9,20
101 G	ST 14 70 20	140	70	10	5	M20x100	M8x25	10	11.7	9,70

Fermo di fine corsa per portoni scorrevoli

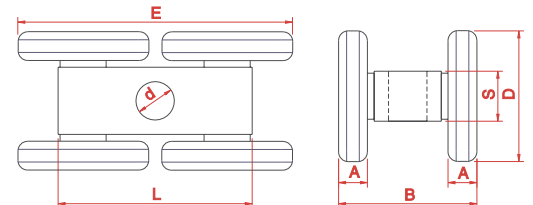
- Internal limit stop for sliding doors
- Endanschlag fuer Schiebetüeren
- Butée de fin de course pour portail coulissant
- Topes para final de carrera para puerta corredera para atornillar



ARTICOLO - ARTICLE		D	L	H	A	C	E	N°		€
Riferimento-Reference		∅	mm							x1
F 50	FT 30 49 R0	30	47	49	25	25	46	20	5.4	6,00
F 130	FT 40 60 R0	40	74	60	40	30	68	20	11	7,10

Carrelli in acciaio centrali per portoni scorrevoli e a libro

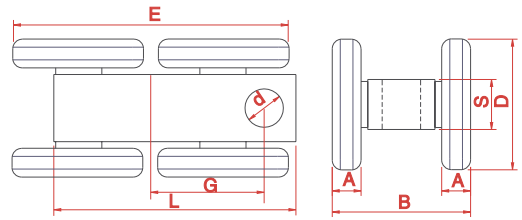
- Central steel carriages for sliding and folding doors
- Zentral, Stahlrollapparate fuer Schiebe und Falttüeren
- Chariot pour portes pliantes et coulissantes centré
- Carros de acero bicromatado o inoxidable con agujero centrado, para puerta corredera y plegable



TIPO TYPE	ARTICOLO - ARTICLE		D	d	A	B	E	L	S	PORTATA CAPACITY	N°		€		
	Riferimento-Reference		∅		mm								kg x1		x1
	CA 4 RP	LT 50 16 40	50	16	12	53	101	80	25	500	10	9.3	27,00		
	CA 4 R	LT 70 20 40	70	20	15	73	143	100	35	1200	6	12.9	35,60		
	CA 4 RM	LT 12 30 40	120	20	30	104	248	160	40	1800	1	12	74,70		
Inox	CA 4 RI	LI 70 20 40	70	20	15	73	143	100	35	1200	6	12.9	92,00		

Carrelli in acciaio decentrati per portoni a libro

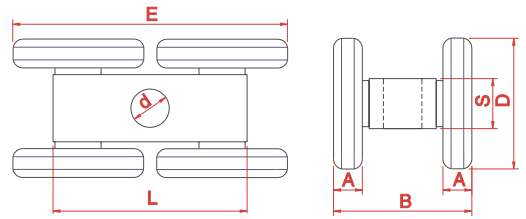
- Decentered steel carriage for folding doors
- Dezentrale Stahlrollapparate fuer Schiebe und Falttüren
- Chariot pour portes pliantes et coulissantes décentré
- Carros de acero bicromatado o inoxidable para puertas correderas y plegables con agujero lateral



TIPO TYPE	ARTICOLO - ARTICLE	D	d	A	B	E	L	G	S	PORTATA CAPACITY	N°	€	
	Riferimento-Reference	∅	mm						kg x1	kg	x1	€	
	CA 4 RPD	LT 50 16 4D	50	16	12	53	101	100	40	25	500	10	27,00
	CA 4 RD	LT 70 20 4D	70	20	15	73	143	125	60	35	1200	6	35,60
	CA 4 RMD	LT 12 30 4D	120	20	30	104	248	190	90	40	1800	1	74,70
	Inox CA 4 RDI	LI 70 20 4D	70	20	15	73	143	125	60	35	1200	6	92,00

Carrelli in nylon centrali per portoni scorrevoli e a libro

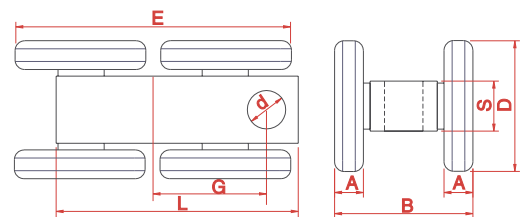
- Central nylon carriage for sliding and folding doors
- Zentral aus Nylon Rollapparate fuer Schiebe und Falttüren
- Chariot pour portes pliantes et coulissantes centré
- Carros bicromatado con ruedas de nylon y cojinete con agujero central



TIPO TYPE	ARTICOLO - ARTICLE	D	d	A	B	E	L	S	PORTATA CAPACITY	N°	€		
	Riferimento-Reference	∅	mm						kg x1	kg	x1		
	CA 4 RPN	LP 50 16 40	50	16	15	53	101	80	22	100	10	5.3	30,20
	CA 4 RN	LP 70 20 40	70	20	19	73	143	100	30	350	6	7.2	38,70

Carrelli in nylon decentrati per portoni scorrevoli e a libro

- Carriage for sliding and folding gates
- Dezentrale aus Nylon Rollapparate fuer Schiebe und Falttüren
- Chariot pour portes pliantes et coulissantes décentré
- Carros bicromatado con ruedas de nylon y cojinete con agujero lateral

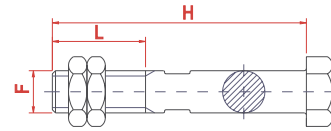


TIPO TYPE	ARTICOLO - ARTICLE	D	d	A	B	E	L	G	S	PORTATA CAPACITY	N°	€		
	Riferimento-Reference	∅	mm						kg x1	kg	x1			
	CA 4 RN PD	LP 50 16 4D	50	16	15	53	101	100	40	22	100	10	5.3	30,20
	CA 4 RN D	LP 70 20 4D	70	20	19	73	143	125	60	30	350	6	7.8	38,70

Accessori per portoni

Perni per portoni scorrevoli

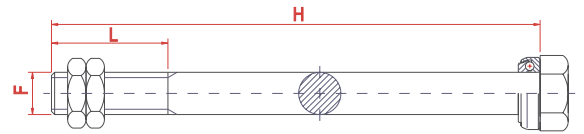
- Pins for sliding doors
- Bolzen fuer Schiebe Türen
- Pivot pour portes pliantes et coulissantes
- Eje mediano para puerta corredera



ARTICOLO - ARTICLE		F x L	H	N°		€
Riferimento-Reference		UNI	mm			x1
P 110	IT 16 11 L0	M 16 x 40	110	30	7	3,40
P 120	IT 20 12 L0	M 20 x 45	120	20	8.1	3,70

Perni per portoni a libro

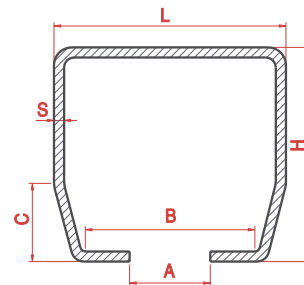
- Pins for folding doors
- Bolzen fuer Falttüren
- Pivot pour portes pliantes et coulissantes
- Eje grande para puerta plegable



ARTICOLO - ARTICLE		F x L	H	N°		€	
Riferimento-Reference		UNI	mm			x1	
P 16 /210	IT 16 21 L0	M 16 x 60	210	10	4.1	5,10	
P 16 /260	IT 16 26 L0	M 16 x 60	260	10	4.8	5,30	
P 20 /250	IT 20 25 L0	M 20 x 60	250	10	7.3	5,50	
P 20 /280	IT 20 28 L0	M 20 x 60	280	10	8	5,90	
P 20 /300	IT 20 30 L0	M 20 x 60	300	10	8.7	6,70	
P 20 /320	IT 20 32 L0	M 20 x 60	320	10	9	7,80	
Inox	P 20 /250I	II 20 25 L0	M 20 x 60	250	10	7.3	22,00

Guida per portoni scorrevoli e a libro

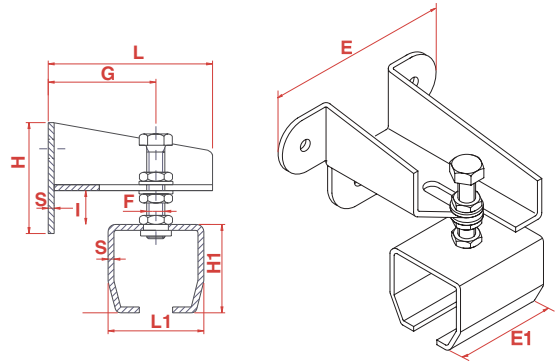
- Guide for sliding and folding doors
- Schiene fuer Schiebe- und Falttüren
- Guide pour portes pliantes et coulissantes
- Guía para puerta corredera y plegable. De acero natural o cincada o inoxidable



TIPO TYPE	ARTICOLO - ARTICLE		ABBINABILE COMBINING	L	H	A	B	C	S	PORTATA CAPACITY	DESCRIZIONE DESCRIPTION	FASCI SHEAFS		€
	Riferimento-Reference			mm						kg x1		ML	kg	x1 ML
□	GIPI 4 RP 3	BG 70 60 03	CA 4 RP-PD	70	60	22	53	30	3.5	500	GREZZO da ML 3	96	532	12,50
	GIPI 4 RP 6	BG 70 60 06		70	60	22	53	30	3.5		GREZZO da ML 6	192	1065	12,50
	GIPI 4 RPZ 3	BZ 70 60 03		70	60	22	53	30	3.5		ZINCATO da ML 3	96	532	16,00
	GIPI 4 RPZ 6	BZ 70 60 06		70	60	22	53	30	3.5		ZINCATO da ML 6	192	1065	16,00
□	GIPI 4 R 3	BG 92 85 03	CA 4 R-D CA 4 RN-ND	92	85	33	73	30	4	1050	GREZZO da ML 3	54	458	29,60
	GIPI 4 R 6	BG 92 85 06		92	85	33	73	30	4		GREZZO da ML 6	108	916	29,60
	GIPI 4 RZ 3	BZ 92 85 03		92	85	33	73	30	4		ZINCATO da ML 3	54	458	33,00
	GIPI 4 RZ 6	BZ 92 85 06		92	85	33	73	30	4		ZINCATO da ML 6	108	916	33,00
□	GIPI 4 RM 3	BG 13 14 03	CA 4 RM CA 4 RMD	136	143	38	104	55	6	2000	GREZZO da ML 3	45	968	54,50
	GIPI 4 RM 6	BG 13 14 06		136	143	38	104	55	6		GREZZO da ML 6	90	1936	54,50
	GIPI 4 RMZ 3	BZ 13 14 03		136	143	38	104	55	6		ZINCATO da ML 3	45	968	69,30
	GIPI 4 RMZ 6	BZ 13 14 06		136	143	38	104	55	6		ZINCATO da ML 6	90	1936	69,30
Inox	GIPI 4 RI 3	BI 92 85 03	CA 4 RI-ID	92	85	33	73	30	4	1050	INOX da ML 3	54	458	98,00

Supporto per fissaggio a parete regolabile in altezza

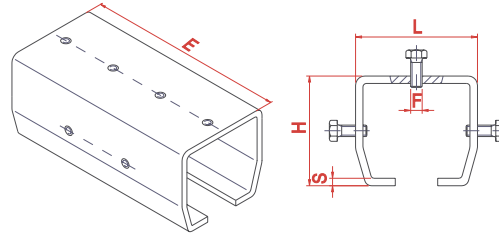
- Wall-fixing bracket height adjustable
- Höhenverstellbare Winkelbefestigung
- Support de fixation à réglable en hauteur mur
- Escuadras regulables para atornillar a pared con soportes guía "Gipi" regulable en altura



ARTICOLO - ARTICLE		L	L1	H	H1	G	I	S	E	E1	F	ABBINABILE COMBINING	N°	kg	€
Riferimento-Reference		mm													
32 P	ST 85 75 RH	140	85	110	75	52/125	0/35	4	175	100	M 16	Art. GIPI 4 RP/RPZ	8	23.3	15,90
32 G	ST 10 10 RH	140	105	110	105	58/125	0/35	4	175	100	M 16	Art. GIPI 4 R/RZ	8	25	15,90
32 M	ST 10 15 RH	140	158	110	166	58/125	0/75	6	175	130	M 20	Art. GIPI 4 RM/MZ	4	16	25,50

Supporto di giunzione

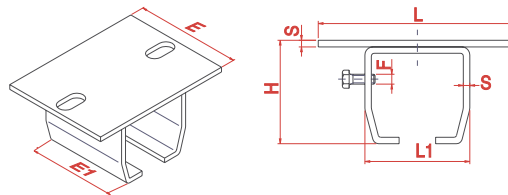
- Joint support bracket
- Verbindungsmuffe
- Support de jonction
- Soporte de union



ARTICOLO - ARTICLE		L	H	S	E	F	ABBINABILE COMBINING	N°	kg	€
Riferimento-Reference		mm				UNI				
31 P	ST 85 75 G0	85	75	4	160	M 8	Art. GIPI 4 RP/RPZ	8	14.8	11,60
31 G	ST 10 10 G0	105	105	4	200	M 8	Art. GIPI 4 R/RZ	6	16.6	11,60
31 M	ST 16 16 G0	158	166	6	250	M 8	Art. GIPI 4 RM/MZ	2	12	20,00

Supporto a soffitto per guida piccola

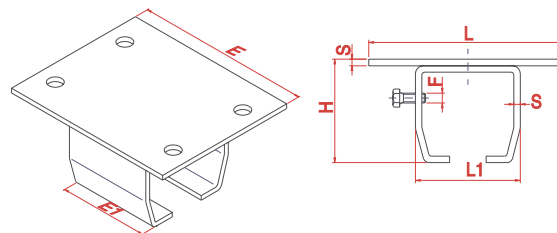
- Ceiling bracket for small guide
- Deckenmuffe fuer kleine Schiene
- Support au plafond pour rail petit modèle
- Soporte de techo para atornillar guía "Gipi" pequeña



ARTICOLO - ARTICLE		L	L1	H	S	E	E1	F	ABBINABILE COMBINING	N°	kg	€
Riferimento-Reference		mm						UNI				
33 P	ST 16 12 00	160	85	80	4	100	100	M 8	Art. GIPI 4 RP/RPZ	10	17.6	11,60

Supporto a soffitto per guida grande

- Ceiling bracket for large guide
- Deckenmuffe fuer grosse Schiene
- Support au plafond pour rail grand modèle
- Soporte de techo para atornillar guía "Gipi" grande

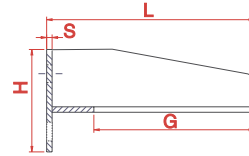
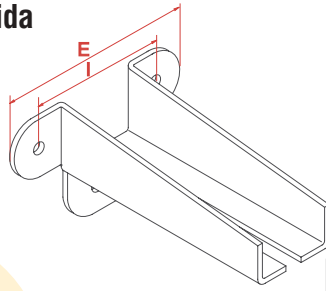


ARTICOLO - ARTICLE		L	L1	H	S	E	E1	F	ABBINABILE COMBINING	N°	kg	€
Riferimento-Reference		mm						UNI				
33 G	ST 16 20 00	160	105	110	4	200	100	M 8	Art. GIPI 4 RP/RZ	4	10.6	11,60

Accessori per portoni

Supporto lungo o per doppia guida

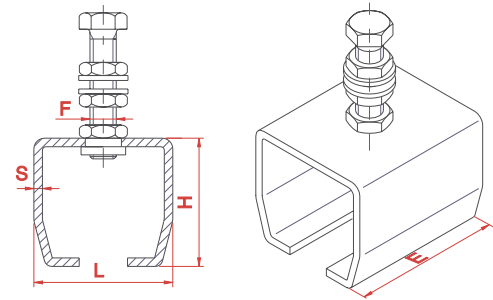
- Double guide support bracket
- Doppel Winkelbefestigung
- Support double guide
- Escuadra larga para atornillar a pared o para doble guía



ARTICOLO - ARTICLE	L	H	G	S	E	I	N°		kg	€
Riferimento-Reference	mm									x1
34/140 ST 14 60 00	140	110	100	4	175	125	10	8.4		7,90
34/180 ST 18 60 00	180	110	135	4	175	125	8	8.3		10,30
34/240 ST 24 60 00	240	110	135	4	175	125	6	8.3		12,60
34/300 ST 30 60 00	300	110	135	4	175	125	8	14		13,80
34/400 ST 40 60 00	400	110	135	4	175	125	6	14		15,50
34/450 ST 45 60 00	450	110	135	4	175	125	6	16		16,50

Supporto guida gipi regolabile in altezza

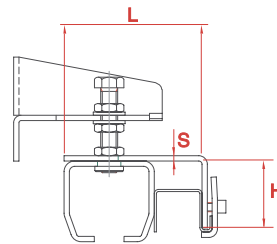
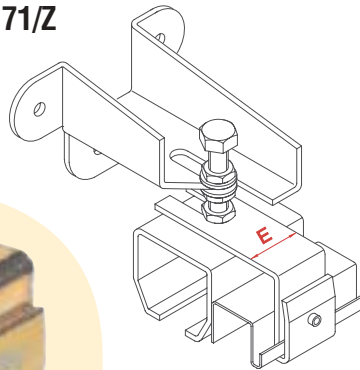
- Gipi guide support, adjustable in height
- Höhenverstellbare Schienenbefestigung
- Support de rail gipi réglable en hauteur
- Soportes guía "Gipi" regulable en altura



ARTICOLO - ARTICLE	L	H	S	E	F	ABBINABILE COMBINING	N°		kg	€
Riferimento-Reference	mm				UNI					x1
39 P ST 85 75 RG	85	75	4	100	M 16x75	Art. GIPI 4 RP/RPZ	16	19.5		8,00
39 G ST 10 10 RG	105	105	4	100	M 16x75	Art. GIPI 4 R/RZ	10	19		8,00
39 M ST 16 16 RG	158	166	6	160	M 20x90	Art. GIPI 4RM/RMZ	4	12.8		17,50

Attacco canalina per art.71/Z

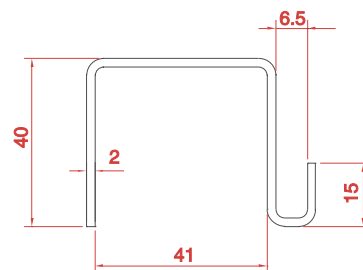
- Bracket for 71/Z
- Haltwinkelbefestigung für 71/Z
- Support pour 71/Z
- Soporte para guía art. 71/Z



ARTICOLO - ARTICLE	L	H	S	E	ABBINABILE COMBINING	N°		kg	€
Riferimento-Reference	mm								x1
70 P ST 01 35 P0	135	68	5	50	Art. 32 P	20	9.6		7,80
70 G ST 01 55 G0	155	88	5	50	Art. 32 G	20	11		7,80
70 M ST 24 88 G0	240	88	5	50	Art. 32 M	10	7		7,80

Canalina per deragliamento ante portone a libro

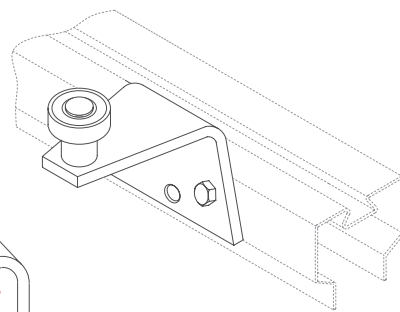
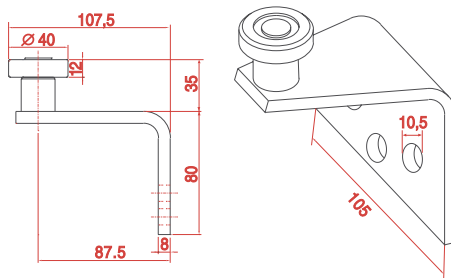
- Canalina guide for wing derailment for folding doors
- Fuehrungsschiene fuer Falt-Türen
- Rail pour déviation des portes accordéon
- Guía cincada para desviar hojas della puerta



ARTICOLO - ARTICLE	DESCRIZIONE DESCRIPTION	FASCI - SHEAFS	kg	€
Riferimento-Reference				x1 ML
71 Z BZ 45 40 00	ZINCATO da ML 6	ML 120	249	8,30

Deviatore per portoni a libro a fissaggio laterale

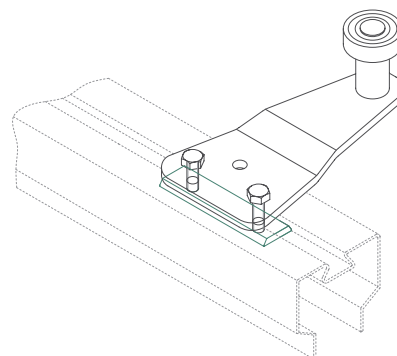
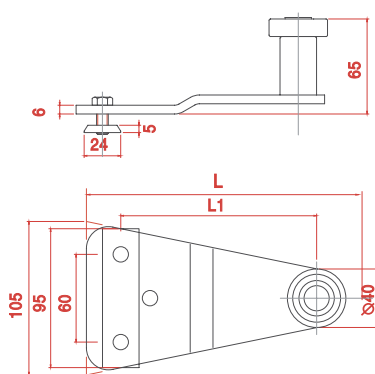
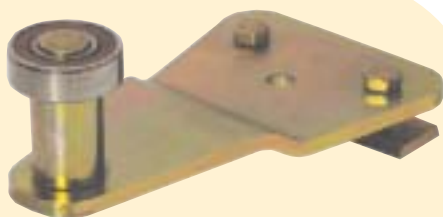
- Deviator for folding doors
- Kulissenfuehrung
- Guide de déviation pour portes accordéon
- Tope para desviar hojas de puertas plegables con placa con fijación lateral alla guía (atornillar)



ARTICOLO - ARTICLE		N°		kg		x1	
Riferimento-Reference							
78	DT 30 08 00	8	7.1				11,40

Deviatore per portoni a libro a fissaggio superiore

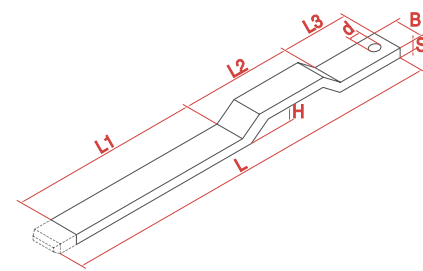
- Deviator for folding doors
- Kulissenfuehrung
- Déviation pour portes accordéon
- Tope para desviar hojas de puertas plegables con placa con fijación superior alla guía (atornillar)



ARTICOLO - ARTICLE		L	L1	N°		kg		x1	
Riferimento-Reference									
78/S	DT 17 13 60	170	134	10	9				14,00

Aste inferiori manigliate

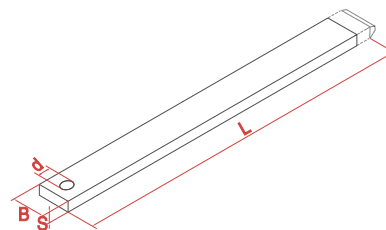
- Lower rod
- Untere Verriegelungs Stange
- Barre inférieure
- Barra inferior con manilla izquierda o derecha



ARTICOLO - ARTICLE		B	S	H	L	L1	L2	L3	d	ABBINABILE COMBINING	N°		kg		x1	
Riferimento-Reference		mm			ML	mm			∅							
79	FT 25 10 PI	25	10	25	1.2	870	250	80	10.5	97 DX / SX	1	1.3				15,00
80	FT 30 10 PI	30	10	25	1.2	870	250	80	10.5	36-95 DX / SX	1	1.5				18,00

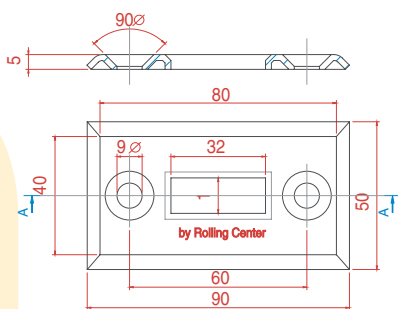
Aste superiori

- Upper rod
- Obere Verriegelung Stange
- Barre supérieure
- Barra superior



ARTICOLO - ARTICLE		B	S	L	d	ABBINABILE COMBINING	N°		kg		x1	
Riferimento-Reference		mm		ML	∅							
81	FT 25 10 PS	25	10	4.8	10.5	97 DX / SX	1	4.8				16,40
82	FT 30 10 PS	30	10	4.8	10.5	36 DX / SX	1	5.5				17,40

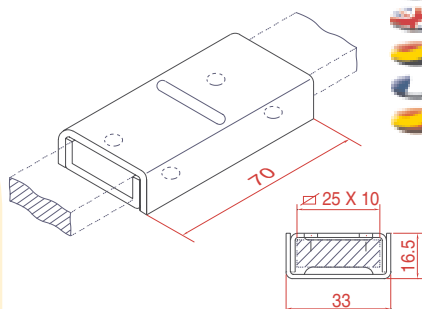
Accessori per portoni



Incontro a pavimento per aste

- Floor meeting point for rods
- Verriegelungsblech
- Butée au sol pour barres
- Topes de acero cincado o inoxidable con fijación a suelo para atornillar

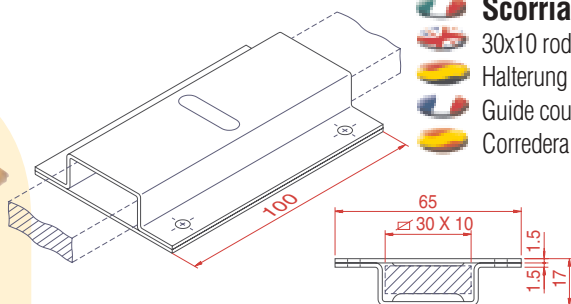
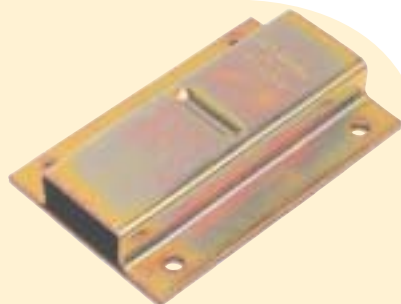
ARTICOLO - ARTICLE		ABBINABILE COMBINING	N°		€
Riferimento-Reference			kg		x1
75	PZ 80 40 00	Art. 79 / 80	50	3,6	2,90
Inox	75I	PI 80 40 00	50	3,6	9,00



Scorriasta ad innesto automatico per asta 25x10

- 25x10 automatic plugging rod guide
- Halterung fuer Verriegelungsschiene 25x10
- Guide coulissant pour fermeture automatique (pour barre 25x10)
- Corredera para barras de 25x10

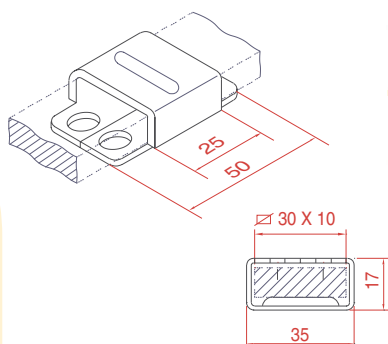
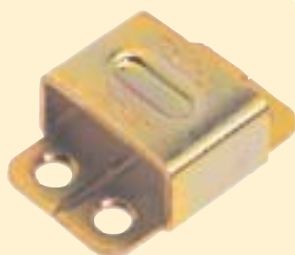
ARTICOLO - ARTICLE		ABBINABILE COMBINING	N°		€
Riferimento-Reference			kg		x1
54	PT 33 70 00	50	4,4	1,50	
Inox	54I	PI 33 70 00	50	4,4	6,00



Scorriasta per asta 30x10

- 30x10 rod guide
- Halterung mit Befestigungsblech fuer 30x10 Verriegelungsschiene
- Guide coulissant pour barre 30x10
- Corredera para barras de 30x10 con placa para atornillar

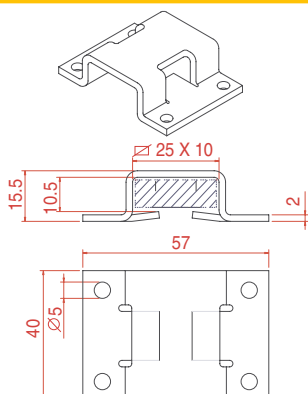
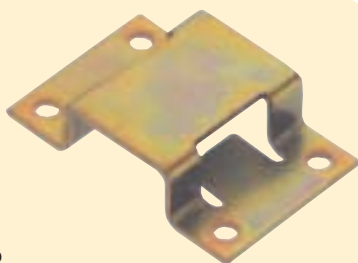
ARTICOLO - ARTICLE		ABBINABILE COMBINING	N°		€
Riferimento-Reference			kg		x1
37	PT 65 10 00	50	9,1	1,40	
Inox	37I	PI 65 10 00	50	9,1	4,30



Scorriasta chiuso per asta 30x10

- 30x10 closed rod guide
- Halterung mit verdeckter Befestigung fuer 30x10 Verriegelungsschiene
- Guide coulissant fermé pour barre 30x10
- Corredera cerrada para barras de 30x10

ARTICOLO - ARTICLE		ABBINABILE COMBINING	N°		€
Riferimento-Reference			kg		x1
55	PT 50 35 00	50	2,4	1,40	



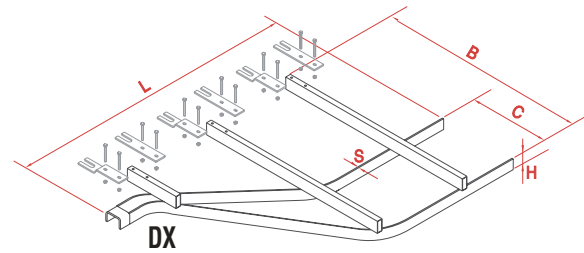
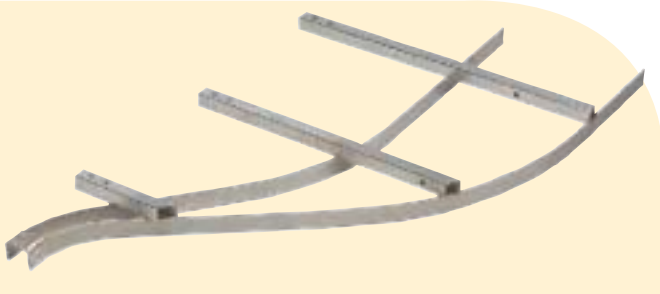
Scorriasta chiuso per asta 25x10

- 25x10 closed rod guide
- Halterung mit verdeckter Befestigung fuer 25x10 Verriegelungsschiene
- Guide coulissant fermé pour barre 25x10
- Corredera cerrada para barras de 25x10

ARTICOLO - ARTICLE		ABBINABILE COMBINING	N°		€
Riferimento-Reference			kg		x1
150	PT 10 40 20	50	2,3	1,40	

Bandiere deragliamento ante portoni a libro

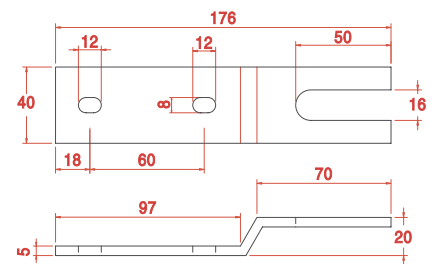
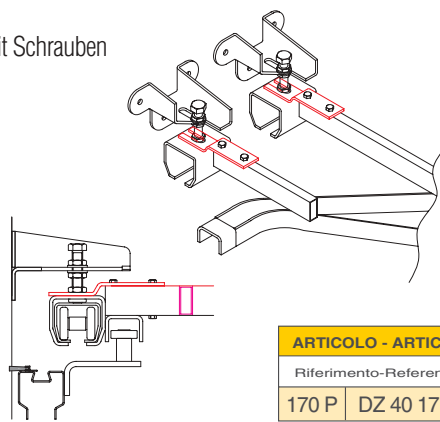
- Bander for wings derailment for folding doors
- Kurven Kulisse
- Bande de déraillement
- Banderas desviadoras de hojas para puerta plegable art. 73 hasta 1 metro art. 74 mas de 1 metro



ARTICOLO - ARTICLE		B	L	ABBINABILE COMBINING	C	H	S			€
Riferimento-Reference		mm		DIMENSIONI ANTE	mm			N°		x1
73 DX	DZ 00 80 D0	680	1100	Fino a 1ML	320	40	5	1	8.3	56,60
73 SX	DZ 00 80 S0	680	1100	Fino a 1ML	320	40	5	1	8.3	56,60
74 DX	DZ 01 06 D0	1000	1450	Oltre 1ML	320	40	5	1	12	61,80
74 SX	DZ 01 06 S0	1000	1450	Oltre 1ML	320	40	5	1	12	61,80

Forchetta per fissaggio bandiera su guida piccola complete di viti

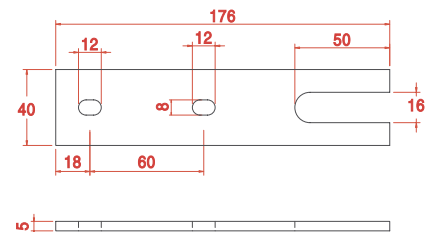
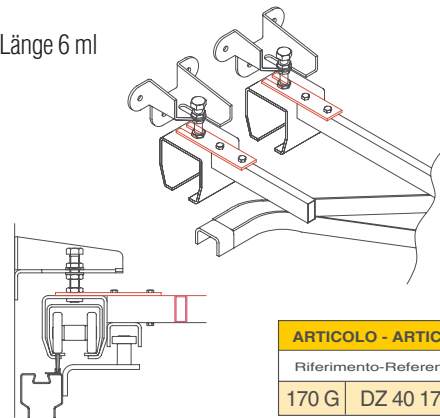
- Fixing fork for derailment on small rail with screws
- Befestigung fuer Schienen-Sammlung auf klein. Schienen mit Schrauben
- Fourchette de fixation bandeau sur rail petit modèle avec vis
- Pletina para fijar bandera sobre la guía pequeña con tornillos



ARTICOLO - ARTICLE		ABBINABILE COMBINING				€
Riferimento-Reference				N°		x1
170 P	DZ 40 17 P0	GIPI 4RP - PZ		24	5.5	3,10

Forchetta per fissaggio bandiera su guida grande complete di viti

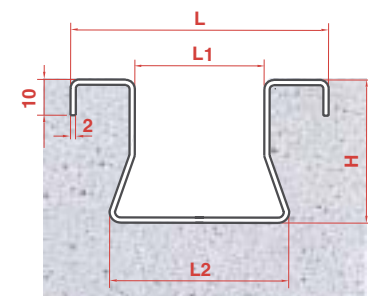
- Lower galvanized guide for folding doors ml. 6 bars.
- Bodenlaufschiene fuer Falttüren aus Stahl, verzinkt - Stangen Länge 6 ml
- Rail inférieur zingué pour porte accordéon en barre de 6 ml
- Pletina para fijar bandera sobre la guía grande con tornillos



ARTICOLO - ARTICLE		ABBINABILE COMBINING				€
Riferimento-Reference				N°		x1
170 G	DZ 40 17 D0	GIPI 4R - RZ		24	5.5	3,10

Guida inferiore zincata per portoni a libro barre da 6 ml

- Lower galvanized guide for folding doors ml. 6 bars.
- Bodenlaufschiene fuer Falttüren aus Stahl, verzinkt - Stangen Länge 6 ml
- Rail inférieur zingué pour porte accordéon en barre de 6 ml
- Guía inferior galvanizada para empotrar puerta plegable

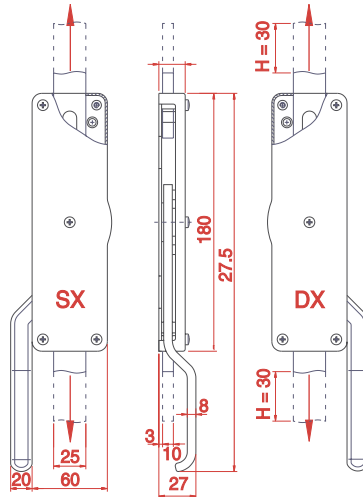


ARTICOLO - ARTICLE		L	H	L1	L2	DESCRIZIONE DESCRIPTION	FASCI - SHEAFS			€
Riferimento-Reference										x1 ML
38/30	BZ 81 50 06	81	50	31	50	ZINCATO da ML 6	ML 192	600		11,50
38/40	BZ 95 60 06	95	60	41	60	ZINCATO da ML 6	ML 192	680		11,80

Accessori per portoni

Cariglione piccolo dx-sx per asta 25x10

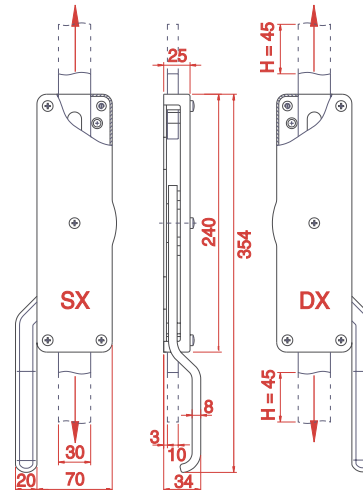
- Small right /left lock for 25x10 rod
- Triebriegel Rechts-Links 25x10
- Poignée de fermeture droite/gauche pour barre 25x10
- Cremonas de acero bicromatado o inoxidable para barra 25x10



ARTICOLO - ARTICLE				€
Riferimento-Reference	N°			x1
97 DX	AT 00 97 OD	5	4.3	20,40
97 SX	AT 00 97 OS	5	4.3	20,40
Inox 97 DXI	AI 00 97 OD	5	4.3	81,60
Inox 97 SXI	AI 00 97 OS	5	4.3	81,60

Cariglione dx-sx per asta 30x10

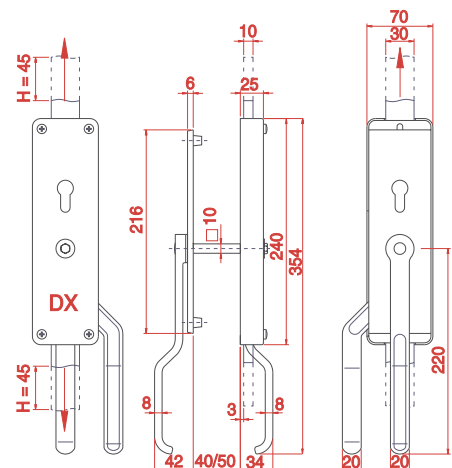
- Right/ left lock for 30x10 rod
- Triebriegel Rechts-Links 25x10
- Poignée de fermeture droite/gauche pour barre 30x10
- Cremonas de acero bicromatado o inoxidable para barra 30x10



ARTICOLO - ARTICLE				€
Riferimento-Reference	N°			x1
36 DX	AT 00 36 OD	15	17.9	21,60
36 SX	AT 00 36 OS	15	17.9	21,60
Inox 36 DXI	AI 00 36 OD	2	2.5	86,60
Inox 36 SXI	AI 00 36 OS	2	2.5	86,60

Cariglione dx-sx per asta 30x10 predisposto per serratura

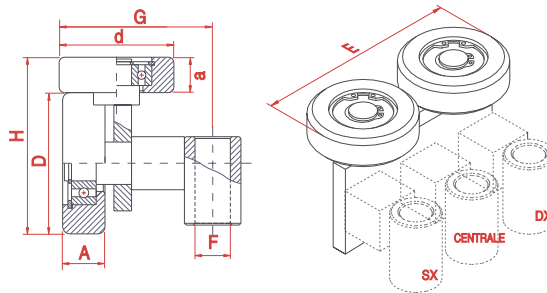
- Preseted key opening – right/left lock for 30x10 rod
- Schloss fuer Schlüssel
- Poignée de fermeture pour serrure
- Cremonas de acero bicromatado o inoxidable preparado para serradura para barra 30x10 sin llave



ARTICOLO - ARTICLE				€
Riferimento-Reference	N°			x1
95 DX	AT 00 95 CD	2	20.2	96,80
95 SX	AT 00 95 CS	2	20.2	96,80

Carrello a 3 ruote in nylon per portoni a libro

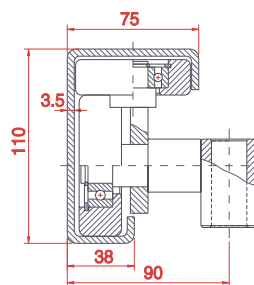
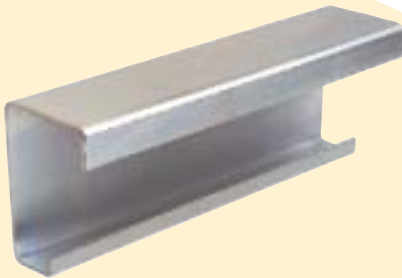
- 3 wheel carriage in nylon
- Wagen mit 3 Rädern aus Nylon
- Chariot à 3 roues en nylon
- Carros con tres ruedas de nylon de 1 coijenete para puerta plegable



ARTICOLO - ARTICLE		D	A	d	a	G	H	E	F	PORTATA CAPACITY	N°	€	
Riferimento-Reference		∅ mm	∅	∅		mm			∅	kg x1		x1	
CA 3 RN	LP 65 80 30	80	23	65	19	88	100	140	20.4	300	10	16.8	38,40
CA 3 RN DX	LP 65 80 3D	80	23	65	19	88	100	140	20.4	300	10	16.8	38,40
CA 3 RN SX	LP 65 80 3S	80	23	65	19	88	100	140	20.4	300	10	16.8	38,40

Guida per carrello CA 3RN dx-sx per portoni a libro

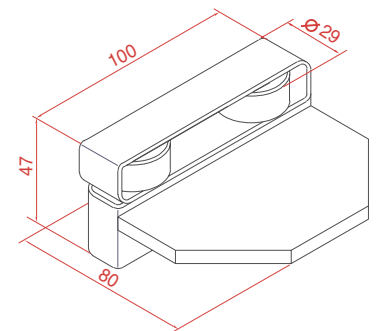
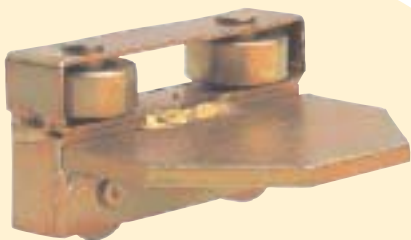
- Guide for carriage CA3RN dx-sx for folding doors
- Fuehrungsschiene fuer 3 Räderwagen CA3RN dx-sx
- Guide pour chariot CA3RN dx-sx (porte accordéon)
- Guía para carro CA3RN/DX/SX para puertas plegables



ARTICOLO - ARTICLE		DESCRIZIONE DESCRIPTION	FASCI - SHEAFS	kg	€
Riferimento-Reference					x1 ML
GIPI 3R	BG 75 11 00	GREZZO da ML 6	ML 108	708	27,30
GIPI 3RZ	BZ 75 11 00	ZINCATO da ML 6	ML 108	708	30,70

"Silvestro" il carrello per copri/scopri centine camion

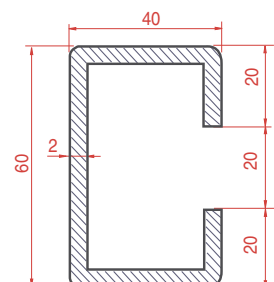
- "Silvestro" the carriage for cover/uncover truck's rib
- Rollenfuehrung mit Befestigungsblech "Silvestro"
- "Silvestro", le chariot pour rideaux à coulissement horizontal
- Carro para techos de camion



ARTICOLO - ARTICLE		N°	€	
Riferimento-Reference			x1	
SILVESTRO	LG 29 80 40	30	18.5	17,70

Guida per carrello "Silvestro" per centine scopribili

- Guide for "Silvestro" carriage for truck's rib
- Fuehrungsschiene "Silvestro"
- Guide pour le chariot "Silvestro"
- Guía para carro "Silvestro"

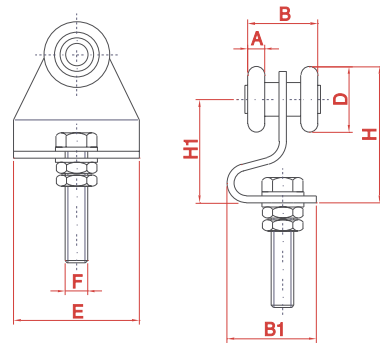


ARTICOLO - ARTICLE		DESCRIZIONE DESCRIPTION	FASCI - SHEAFS	kg	€
Riferimento-Reference					x1 ML
65	BZ 40 60 00	ZINCATO da ML 6.8	ML 68	190	8,50

Accessori per portoni

Carrello piccolo per monorotaia a 2 ruote con supporto

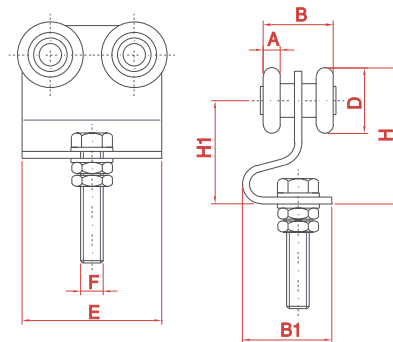
- Small carriage with two wheels and support for monorail
- Klein Ein-Schienen Laufwagen mit 2 Rädern
- Petit chariot coulissant sur monorail à 2 roues avec support
- Carro pequeño con soporte y 2 ruedas con rodamiento para monorail



ARTICOLO - ARTICLE		D	A	B	B1	H	H1	E	F	PORTATA CAPACITY	🇪🇺	€	
Riferimento-Reference		∅	mm										
2 RC	LZ 00 24 2P	24	6	25	32	50	35	46	8	40	50	6.6	3,60

Carrello piccolo per monorotaia a 4 ruote con supporto

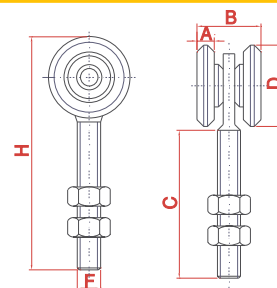
- Small carriage with four wheels and support for monorail
- Klein Ein-Schienen Laufwagen mit 4 Rädern und Befestigung
- Petit chariot coulissant sur monorail à 4 roues avec support
- Carro pequeño con soporte y 4 ruedas con rodamiento para monorail



ARTICOLO - ARTICLE		D	A	B	B1	H	H1	E	F	PORTATA CAPACITY	🇪🇺	€	
Riferimento-Reference		∅	mm										
4 RC	LZ 00 24 4P	24	6	25	32	46	35	45	8	60	40	7.7	5,00

Carrello piccolo • medio • grande per monorotaia a 2 ruote con perno

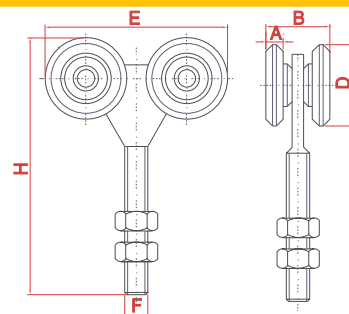
- Small/medium/large carriage with pin for monorail
- Klein- mittel und groß Laufwagen fuer Ein-Schiene mit 2 Rädern und Gewindebolze
- Chariot monorail à 2 roues avec axe, petit, moyen, grand
- Carros pequeño, mediano y grande con 2 ruedas con rodamiento para monorail con eje



ARTICOLO - ARTICLE		D	A	B	F x L	H	PORTATA CAPACITY	🇪🇺	€	
Riferimento-Reference		∅	mm				∅ x1	N°	∅	x1
2 RC F	LZ 00 24 2F	24	6	25	M 8x35	62	40	100	7.1	3,60
2 RB	LZ 00 45 2F	42	9	33	M 12x60	108	150	50	13.4	5,00
2 RA	LZ 00 55 2F	55	11	41	M 20x77	150	170	20	16.1	8,00

Carrello piccolo • medio • grande per monorotaia a 4 ruote con perno

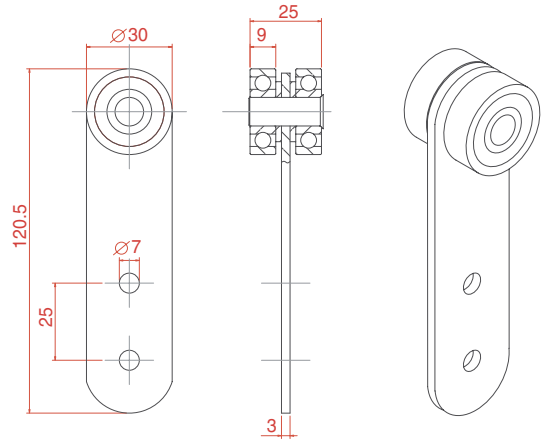
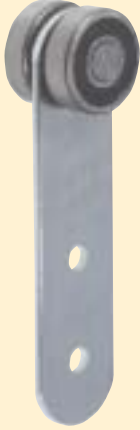
- Small/medium/big carriage with pin for monorail
- Klein - mittel und groß Laufwagen fuer Ein-Schiene mit 4 Rädern und Gewindebolze
- Chariot monorail à 4 roues avec axe, petit, moyen, grand
- Carros pequeño, mediano y grande con 4 ruedas con rodamiento para monorail con eje



ARTICOLO - ARTICLE		D	A	B	F x L	H	E	PORTATA CAPACITY	🇪🇺	€	
Riferimento-Reference		∅	mm				∅ x1	N°	∅	x1	
4 RC F	LZ 00 24 4F	24	6	25	M 8x35	61	52	110	50	6.9	5,00
4 RB	LZ 00 45 4F	42	9	33	M 12x60	115	92	180	20	9.8	8,00
4 RA	LZ 00 55 4F	55	11	41	M 20x77	150	115	200	10	12.3	12,50

Carrello piccolo a 2 ruote con piastra

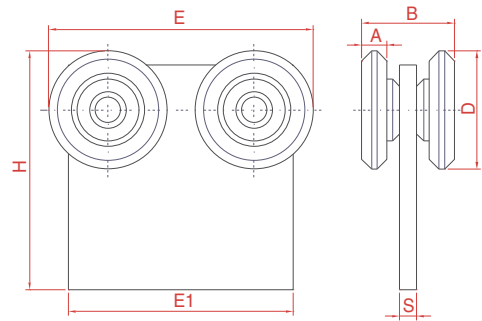
- Small 2 wheel-carriage with plate
- Klein Wagen mit 2 Rollen und Platte
- Petit chariot à 2 roues et plaque
- Pequeño carro con 2 ruedas y placa para atornillar



ARTICOLO - ARTICLE		N°		x1	
Riferimento-Reference					
185	LZ 00 30 2P	50	7.9	2,60	

Carrello medio per monorotaia a 4 ruote con piastra

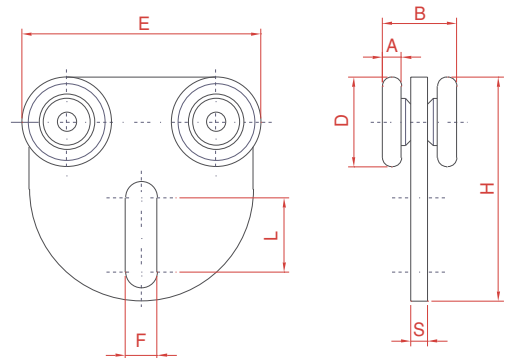
- Medium carriage with four wheels and plate for monorail
- Laufwagen mit 4 Rollen und Befestigungsblech
- Chariot moyen pour monorail à 4 roues avec plaque
- Carro mediano con placa y rodamiento para monorail (soldar)



ARTICOLO - ARTICLE		D	A	B	H	S	E	E1	PORTATA CAPACITY	N°		x1	
Riferimento-Reference		∅							kg x1				
4 RB P	LZ 00 45 4P	42	9	33	85	8	93	80	180	20	11.7	8,50	

Carrello piccolo per monorotaia a 4 ruote con supporto a 1/2 luna

- Small 1/2 moon carriage with four wheels and support for monorail
- Laufwagen mit ausgestanzten Befestigungsblech
- Petit chariot pour monorail à 4 roues avec support demi-lune
- Carro pequeño con 4 ruedas de rodamiento con soporte a medialuna regulable en altura para monorail

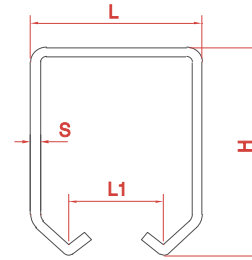


ARTICOLO - ARTICLE		D	A	B	H	S	E	F	L	PORTATA CAPACITY	N°		x1	
Riferimento-Reference		∅								kg x1				
4 RC/ ML	LZ 00 24 4M	24	6	25	60	4	62	8.5	28	110	50	8.8	5,00	

Accessori per portoni

Monorotaie • grezze • zincate per carrelli

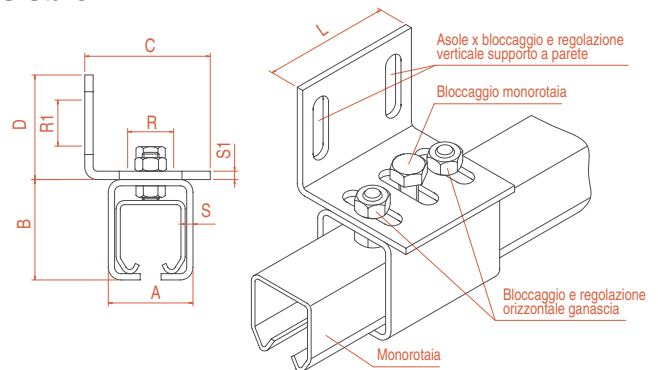
- Black - galvanised monorail for carriages
- Roh, verzinkt Einführunschiene fuer Rollapparat
- Monorail noir ou zingué pour chariot
- Gufas monorail natural o cincado para carros



TIPO TYPE	ARTICOLO - ARTICLE		ABBINABILE COMBINING	L	S	H	L1	DESCRIZIONE DESCRIPTION	FASCI - SHEAFS	kg	€
	Riferimento-Reference		⊙ ⊙ ⊙	mm							x1 ML
□	80 G	BG 33 35 00	2 RC / 2 RCF 4 RC / 4 RCF	33	2	35	19	GREZZO da ML 6	ML120	202	3,30
	80 Z	BZ 33 35 00	4 RC M.LUNA	33	2	35	19	ZINCATO da ML 6	ML120	202	4,70
□	81 G	BG 42 56 00	2 RB	42	2.5	56	24	GREZZO da ML 6	ML120	379	6,20
	81 Z	BZ 42 56 00	4 RB / 4 RBP	42	2.5	56	24	ZINCATO da ML 6	ML120	379	8,80
□	82 G	BG 56 71 00	2 RA	56	3	71	30	GREZZO da ML 6	ML120	584	9,50
	82 Z	BZ 56 71 00	4 RA	56	3	71	30	ZINCATO da ML 6	ML120	584	13,60

Supporto universale a parete per fissaggio e regolazione monorotaie

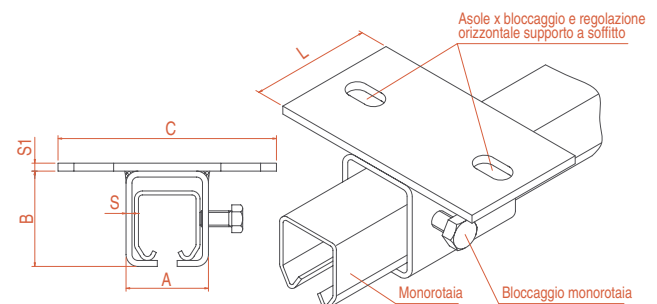
- Standard wall support for mono - rail fixing and adjustment
- Standard Wand-Befestigung fuer Mono-Schienen Einstellung
- Support à mur universel pour fixation et réglage mono rail
- Soporte universal para atornillar a pared regulable en altura para monorail



ARTICOLO - ARTICLE		ABBINABILE COMBINING	A	B	C	D	L	S	S1	R/R1	N°	kg	€
Riferimento-Reference		□	mm										
P 80	ST 50 60 R0	ART. 80 G/Z	40.5	48	60	50	60	3	4	22	10	4	3,10
P 81	ST 50 70 R0	ART. 81 G/Z	51.5	71	70	50	60	4	4	22	10	6	3,62
P 82	ST 50 80 R0	ART. 82 G/Z	65.5	86	80	50	60	4	4	22	8	5.6	4,11

Supporto universale a soffitto per fissaggio e regolazione monorotaie

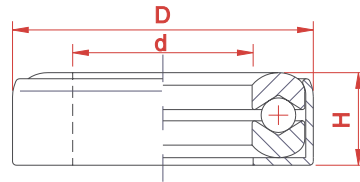
- Standard ceiling support for mono-rail fixing and adjustment
- Standard Deckel-Befestigung fuer Mono-schienen Einstellung
- Support plafond universel pour fixation et réglage mono rail
- Soporte universal para atornillar a techo regulable en anchura para monorail



ARTICOLO - ARTICLE		ABBINABILE COMBINING	A	B	C	L	S	S1	N°	kg	€
Riferimento-Reference		□	mm								
S 80	ST 60 11 S0	ART. 80 G/Z	40.5	48	110	60	3	4	10	4.5	4,18
S 81	ST 60 12 S0	ART. 81 G/Z	51.5	71	120	60	4	4	10	6.5	4,58
S 82	ST 60 13 S0	ART. 82 G/Z	65.5	86	130	60	4	4	8	6	5,03

Cuscinetti reggispinta stampati e cementati

- Pressed and case - hardened thrust bearings
- Drucklager gestanzt und gepresst
- Roulement de butée
- Cojinetes de empuje estampados y cementados

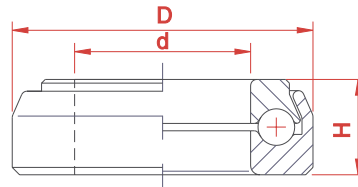


- Z = ZINCATO
- Z = GALVANISED
- Z = ZINGUE'
- T = TROPICALIZZATO
- T = YELLOW GALVANISED
- T = GALVANISE'
- N = ZINCATO NERO
- N = BLACK GALVANISED
- N = GALVANISE' NOIR
- Z = VERZINKT
- Z = ZINCADO BLANCO
- T = GELB VERZINKT
- T = ZINCADO AMARILLO
- N = SCHWARZ VERZINKT
- N = ZINCADO NEGRO

ARTICOLO - ARTICLE	d	D	H			Z	T	N		€
Riferimento-Reference	∅	mm	N°							x1
1	O...06 12 S5	6	12.5	5.5	50	0.14	Z	T	/	0,40
2	O...07 13 S5	7	13	5.5	50	0.15	Z	T	/	0,40
3	O...07 15 S6	7	15	6.5	50	0.25	Z	T	/	0,40
4	O...08 16 S7	8	16.5	7	50	0.32	Z	T	/	0,40
5	O...08 17 S7	8.5	17.5	7.5	50	0.35	Z	T	/	0,45
6	O...09 15 S5	9	15	5.5	50	0.18	Z	T	/	0,45
7	O...10 17 S6	10	17.5	6	50	0.27	Z	T	/	0,45
8	O...11 19 S6	11	19	6.5	50	0.33	Z	T	/	0,45
9	O...12 20 S6	12	20	6.5	50	0.36	Z	T	/	0,45
10	O...13 21 S6	13	21	6.5	50	0.40	Z	T	/	0,45
11	O...14 22 S7	14	22	7	50	0.40	Z	T	N	0,50
12	O...16 27 S6	16	27	6.5	50	0.56	Z	T	N	0,60
13	O...20 29 S6	20	29	6.5	50	0.60	Z	T	N	0,60

Cuscinetti reggispinta torniti e cementati

- Pressed and case - hardened thrust bearings
- Drucklager gestanzt und gepresst
- Roulement de butée
- Cojinetes de empuje torneados y cementados



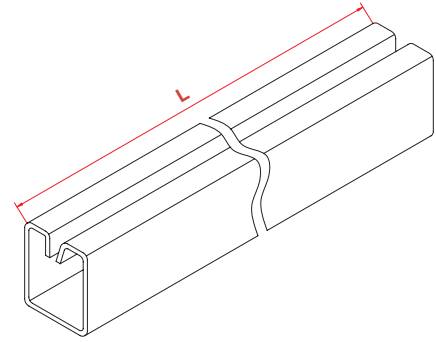
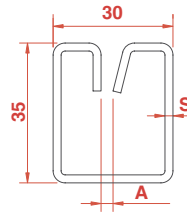
- Z = ZINCATO
- Z = GALVANISED
- Z = ZINGUE'
- T = TROPICALIZZATO
- T = YELLOW GALVANISED
- T = GALVANISE'
- N = ZINCATO NERO
- N = BLACK GALVANISED
- N = GALVANISE' NOIR
- Z = VERZINKT
- Z = ZINCADO BLANCO
- T = GELB VERZINKT
- T = ZINCADO AMARILLO
- N = SCHWARZ VERZINKT
- N = ZINCADO NEGRO

ARTICOLO - ARTICLE	d	D	H			Z	T	N		€
Riferimento-Reference	∅	mm	N°							x1
14	O...09 17 T7	9	17	7	50	0.34	Z	/	N	0,80
15	O...10 18 T7	10	18	7	50	0.37	Z	/	N	0,80
16	O...11 19 T7	11	19	7	50	0.40	Z	/	N	0,95
17	O...12 20 T7	12	20	7	50	0.41	Z	/	N	1,00
18	O...13 21 T7	13	21	7	50	0.44	Z	/	N	1,00
19	O...14 22 T7	14	22	7	50	0.47	Z	T	N	1,00
20	O...16 24 T7	16	24	7	50	0.51	Z	T	N	1,10
21	O...20 32 T8	20	32	8	50	1.17	Z	T	N	1,60
22	O...20 32 T9	20	32	9	50	1.33	Z	T	N	1,60
23	O...25 43 T1	25	43	12	50	3.5	/	T	/	2,30
24	O...20 32 87	20	32	8.75	50	1.33	/	/	N	1,60
25	O...17 30 T9	17	30	9	50	1.15	Z	T	N	1,50
26	O...25 40 T1	25	40	10	50	3.5	/	T	/	2,15
Inox	OI 20 32 T9	20	32	9	50	1.33	/	/	/	5,80

Profilo rete

DELTA Profilo porta rete per pareti divisorie e antifortunistiche

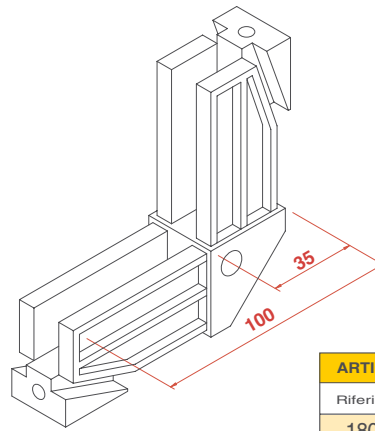
- Grid profile for divisory panels and protection
- Gitter Profil fuer Paneele und Unfallschutz
- Profil grille pour panneaux séparation et prévention
- DELTA perfil para paneles rejilla: de separación y protección



ARTICOLO - ARTICLE		A	S	L	FASCI SHEAFS	kg	€	€
Riferimento-Reference								x1 ML
DELTA1	BZ 30 35 36	3	2	ML 6	300	450	4,40	
DELTA2	BZ 30 35 66	6	2	ML 6	600	450	4,40	

DELTA Squadretta per profilo porta rete

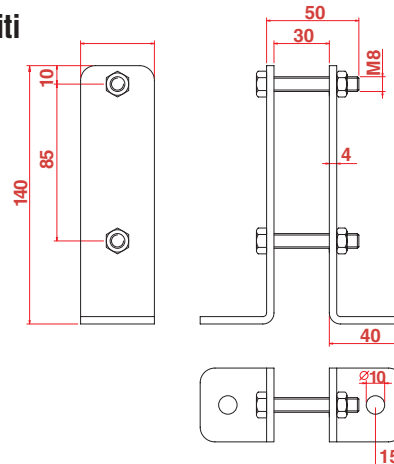
- Assembling square for grid pannels
- Befestigung fuer Gitter Paneele
- Equerre de fixation pour panneaux grille
- Escuadra de nylon para paneles



ARTICOLO - ARTICLE		A	B	Pz.	kg	€	€
Riferimento-Reference		mm					x1
180	XN 10 10 00	100	35	20	2,4	4,50	

DELTA Supporti di testa fissaggio completo di viti

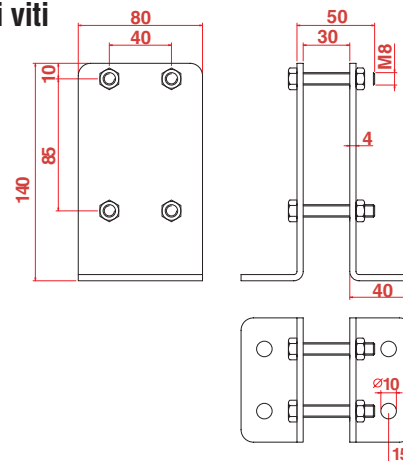
- Small fixing plate
- Kleine Befestigungsplatte
- Plaque fixation petit modèle
- Placa fijación pequeña con tornillos



ARTICOLO - ARTICLE		N°	kg	€	€
Riferimento-Reference					x2
181	PT 14 40 L0	40	8	3,50	

DELTA Supporti intermedi fissaggio completo di viti

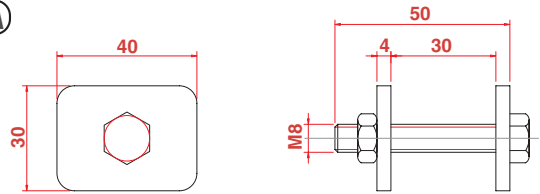
- Large fixing plate
- Grosse Befestigungsplatte
- Plaque fixation grand modèle
- Placa fijación grande con tornillos



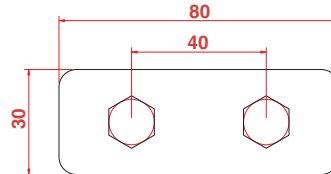
ARTICOLO - ARTICLE		N°	kg	€	€
Riferimento-Reference					x2
182	PT 14 80 L0	40	17	4,00	

Piastrine di fissaggio per porta scorrevole profilo rete (DELTA)

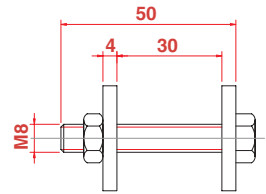
- Fixing plate for sliding door
- Befestigungsplatte fuer Schieb-Tueren
- Plaque de fixation pour porte coulissante
- Placa de fijación para puerta corredera perfil Delta



Art. 183



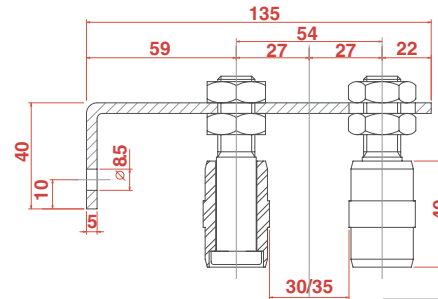
Art. 183/1



ARTICOLO - ARTICLE			
Riferimento-Reference	N°	EM	x2
183/1	PT 30 40 00	20	2,6 1,30
183/2	PT 30 80 00	20	5,2 1,80

Piastra a 2 rulli guida per porta scorrevole profilo rete (DELTA)

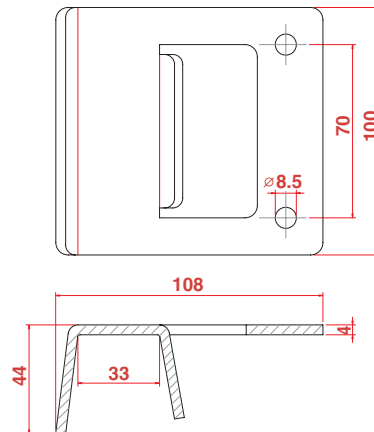
- Plate 2 rollers for sliding door grill profile
- Platte 2 Rollen fuer Schieb-Tueren Gitter Profil
- Plaque 2 rouleaux porte coulissante profil grille
- Placa con 2 rodillos para puerta corredera Delta



ARTICOLO - ARTICLE			
Riferimento-Reference	N°	EM	x1
184	PT 13 40 02	5	3 8,50

Incontro per porta scorrevole profilo rete (DELTA)

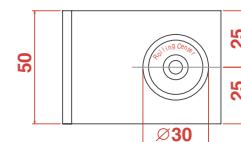
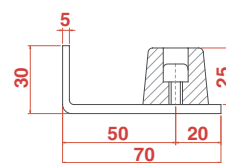
- Meeting point sliding door
- Bodenfuehrungsplatte fuer Schieb-Tueren
- Butée porte coulissante
- Tope para puerta corredera Delta con placa para atornillar o soldar



ARTICOLO - ARTICLE			
Riferimento-Reference	N°	EM	x1
185	FT 10 10 40	5	3,5 6,00

Fine corsa per porta scorrevole profilo rete (DELTA)

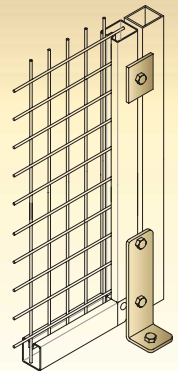
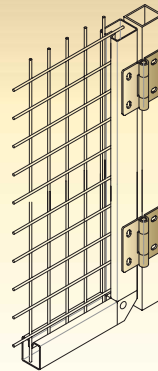
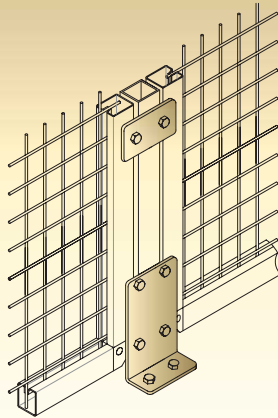
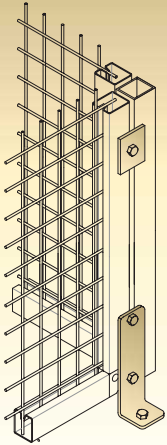
- Stop for sliding door
- Endanschlag fuer Schieb-Tueren
- Butée pour portes coulissantes
- Tope de final para puerta corredera con placa para atornillar o soldar



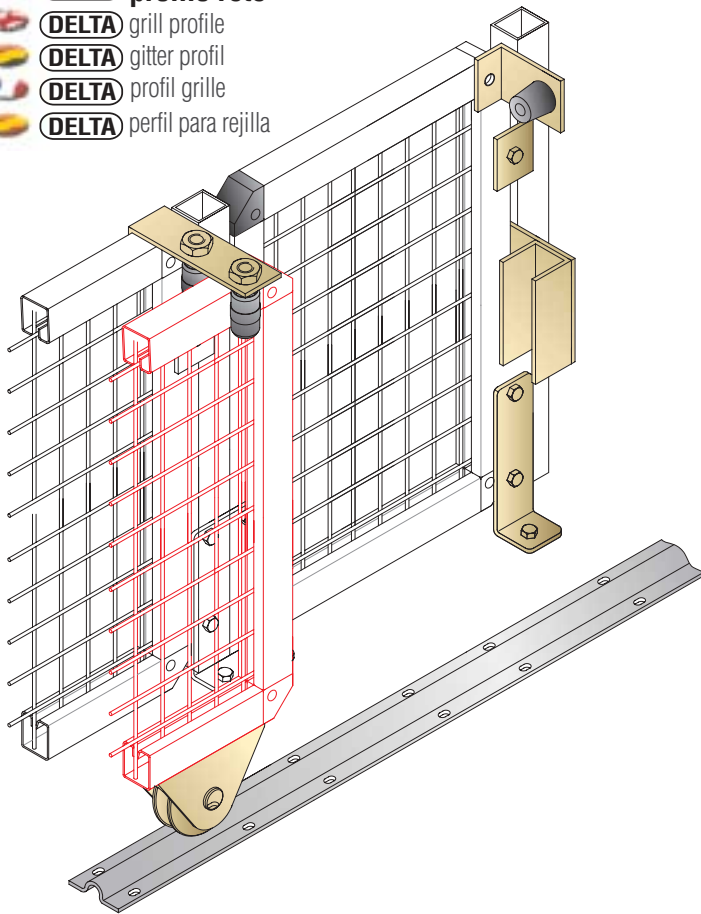
ARTICOLO - ARTICLE			
Riferimento-Reference	N°	EM	x1
186	FT 70 30 S0	5	1,3 5,70

Profilo rete

DELTA



-  **DELTA** profilo rete
-  **DELTA** grill profile
-  **DELTA** gitter profil
-  **DELTA** profil grille
-  **DELTA** perfil para rejilla



I vantaggi di **DELTA**

DELTA: il profilo brevettato per la realizzazione di pareti divisorie tra reparti produttivi e magazzini, per la sicurezza in ambienti di lavoro di facile montaggio con la squadretta in nylon.

- 1 - Zincato in barre da 6 ml. pronte all'uso.
- 2 - A richiesta su ordinazione barre di lunghezza a piacere.
- 3 - Eliminazione totale degli sfridi.
- 4 - Eliminazione totale delle saldature.
- 5 - Tempi di realizzazione ridotti al minimo.
- 6 - Assemblaggio direttamente sul posto dell'impiego.
- 7 - Possibilità di impiego con reti di maglia standard filo 3 mm o plexiglas sp. 5 mm.
- 8 - Possibilità di realizzazione di perimetri modulari ad angolo, lineari e chiusure pedonali fisse e scorrevoli.

DELTA advantages :

DELTA: grill registered profile for divisory panels in factory and warehouse, according to safety standards, easy assembling by means of nylon squares.

- 1 - Galvanized ready to use 6 metre-long bars.
- 2 - Customers own length on request.
- 3 - No scrap material.
- 4 - No welding.
- 5 - Minimum assembling times.
- 6 - Direct assembling on the working area.
- 7 - Standard 3 mm thick net or plexiglas 5 mm thick.
- 8 - Modular perimetres, linear or corner solutions, pedestrians fix or sliding passages.

DELTA Vorteile :

DELTA: schutzregistriert- Gitter Profil fuer Trennpaneele in den Produktion und Lager Abteilungen laut unfallsicherheit, einfacher Bau mit nylon Befestigungen.

- 1 - Bereit-verzinkte 6 Meter-lang – Stangen.
- 2 - Auf Verlangen, Kunden Laenge lieferbar.
- 3 - Kein Verschnitt.
- 4 - Kein Schweißen.
- 5 - Geringe Bau- und Befestigungszeit.
- 6 - Direkter Bau auf der Arbeitsplatz.
- 7 - Standard 3 mm dick-Gitter-Masche oder 5 mm Plexiglas lieferbar.

Les avantages de **DELTA**

DELTA, le nouveau profil pour la réalisation de cloisons interieures dans un batiment ou dans un entrepôt, pour la sécurité du travail, de facile assemblage grâce à l'équerre nylon.

- 1 - Galvanisé en longueur de 6 mètres, pret à l'usage.
- 2 - Sur demande barres de la longues désirée par le client.
- 3 - Elimination complète des rognures.
- 4 - Elimination totale des soudures.
- 5 - Réduction du temps de pose.
- 6 - Assemblage directement sur le chantier.
- 7 - Possibilité d'emploi des grilles standard fil de 3 mm ou plexiglas 5 mm.
- 8 - Possibilité de réalisation de périmètres modulaires, à angles, linéaires portes de passage pleines et coulissantes.

Las ventajas de **DELTA**

DELTA: perfil rejilla patentado para usos diversos como pared divisoria entre zonas de fabricacion y de oficina, para la seguridad de los ambientes de trabajo y otros.de facil montaje con escuadras de nylon.

- 1 - Barras galvanizadas preparadas para usar de 6 ml de longitud.
- 2 - Posibilidad de fabricacion a medida especial.
- 3 - Sin rebabas.
- 4 - Sin soldaduras.
- 5 - Ahorro de tiempo de montaje.
- 6 - Ensamblaje directo en la obra.
- 7 - Posibilidad de uso con malla de 3 mm de espesor o plexiglas de 5 mm.
- 8 - Posibilidad de realizar perimetros modulares, lineales con angulos o esquinas, cierres peatonales fijos o correderos.

Cardini

-  Hinges
-  Torbänder
-  Gonds
-  Pernios





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Cerniere·Catenacci

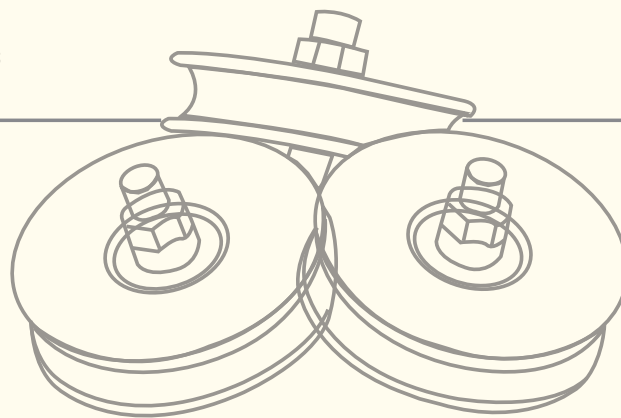
-  Hinges - Bolts
-  Scharniere - Riegel
-  Charnières - Verrous
-  Bisagras - Cerrojos

pag.19-29

Ruote cremagliere e guide

-  Wheels/racks/guides
-  Laufrollen/Schienen
-  Roues/Crémaillères/rails
-  Ruedas, cremalleras y guías

pag.30-52







Piastre e rulli guida

-  Rollers guide
-  Führungsrollen
-  Plots de guidage
-  Placas y Rodillos





pag.53-57

Accessori per portoni·Cuscinetti

-  Accessories for sliding and folding doors and bearings
-  Zubehör fuer falt-und Schiebetore, Lagern
-  Accessoires pour portes coulissantes et accordéon
-  Accesorios para puertas correderas y plegables

pag.58-93

Carrelli autoportanti

-  Cantilever gate carriages
-  Wagen fuer freitragende Schiebetore
-  Chariots pour portail autoportants
-  Carros para cancelas autoportantes

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