



combiaraldo

accessories & hardware for metal fittings



ENJOY TOMORROW

GENERAL CATALOGUE 2015



TECNOLOGIA,
PRODUZIONE,
INNOVAZIONE
MA SOPRATTUTTO
PERSONE.

TECHNOLOGY, PRODUCTION, INNOVATION... PEOPLE BEFORE.

CA

ENJOY TOMORROW

UNA GAMMA COMPLETA DI COMPONENTI PER OGNI TIPO DI CANCELLO E PORTONE INDUSTRIALE CHE È IL FRUTTO DI OLTRE QUARANT'ANNI DI ESPERIENZA E DI IMPIANTI PRODUTTIVI MODERNI ED INTEGRATI, IN CUI TUTTO È ORIENTATO AD OFFRIRE SEMPRE LA RISPOSTA PIÙ PRECISA, PROFESSIONALE ED AFFIDABILE ANCHE ALLA RICHIESTA PIÙ PARTICOLARE.

COMBIARIALDO È TUTTO QUESTO, E MOLTO DI PIÙ. È LA STORIA DI UN'IDEA IMPRENDITORIALE CHE HA SAPUTO TRASFORMARE LE POTENZIALITÀ DEL SAPERE ARTIGIANALE DELLE ORIGINI IN MODERNA REALTÀ MULTINAZIONALE, DOVE AVANGUARDIA TECNOLOGICA ED ATTENZIONE AL CLIENTE FONDANO UN SUCCESSO CHE VIVE IN MIGLIAIA DI COMPLESSI INDUSTRIALI CHE OGNI GIORNO IN TUTTO IL MONDO APRONO I LORO BATTENTI CON COMBIARIALDO.

A comprehensive range of components for any type of gate or industrial door, which is the result of over forty years' experience and cutting edge, integrated production plant, where everything is underpinned towards always offering the most precise, professional and reliable answer even to the most special requirements.

Combiaraldo is all this, and much more. The story of an enterprise concept that has been able to transform the potential of its origins in skilled workmanship into a modern multinational reality, where cutting edge technology and care for the customer have founded a success that lives in thousands of industrial complexes throughout the world, day in day out, open their doors with Combiaraldo.

PRESENTI NEL MONDO

ITALY GERMANY FRANCE SPAIN UNITED KINGDOM PORTUGAL GREECE CROATIA POLAND
BELARUS SLOVAKIA USA LEBANON RUSSIA ALGERIA AUSTRIA ISRAEL PANAMA BELGIUM
SOUTH AFRICA ESTONIA KAZAKISTAN UKRAINE MOLDAVIA TUNISIA MAROCCO SUDAN

COMBI ARIALDO ha introdotto per la propria organizzazione il sistema di gestione per la qualità conforme alla norma uni en iso 9001:2008. A garanzia della conformità dei propri prodotti, sottopone ogni fase del ciclo di lavorazione ad attività di "autocontrollo" da parte degli operatori, con registrazione periodica dei controlli effettuati. La bontà dei materiali utilizzati per i nostri prodotti è garantita da una accurata selezione dei fornitori e da un costante monitoraggio delle forniture. COMBI ARIALDO è inoltre in grado di soddisfare specifici requisiti del settore automotive, come ad esempio la procedura "ppap" (production part approval process) e la fornitura della relativa documentazione.



COMBI ARIALDO has introduced in its organisation a Quality Management System according to UNI EN ISO 9001:2008. To guarantee the conformity of its products, every stage of the processing cycle undergoes "self-control" activity by the operators, periodically recording the controls performed. The high standards of the materials used in our products is guaranteed by an in-depth selection of suppliers and by constantly monitoring the supplies. COMBI ARIALDO is moreover capable of satisfying specific requirements of the automotive sector, as for instance the "PPAP" procedure (i.e. Production Part Approval Process) and supply of the relevant documentation.

**UN PERCORSO CHE
COMBINA TRADIZIONE E
SVILUPPO TECNOLOGICO,
ALLA RICERCA DI UN
PRODOTTO SEMPLICE ED
INNOVATIVO, IN GRADO DI
SODDISFARE LE MOLTEPLICI
ESIGENZE DEL MERCATO.
UN SUCCESSO CHE VIENE
ASSICURATO DA UN CONTINUO
SCAMBIO DI ESPERIENZE E
DA UNA COSTANTE
COLLABORAZIONE CON
I NOSTRI PARTNERS.**

A long itinerary of combining tradition and technological development in search of simple and innovative products, capable of satisfying the multi-faceted market demands.

A success that is ensured by a continuous exchange of experience and constant collaboration with our partners.

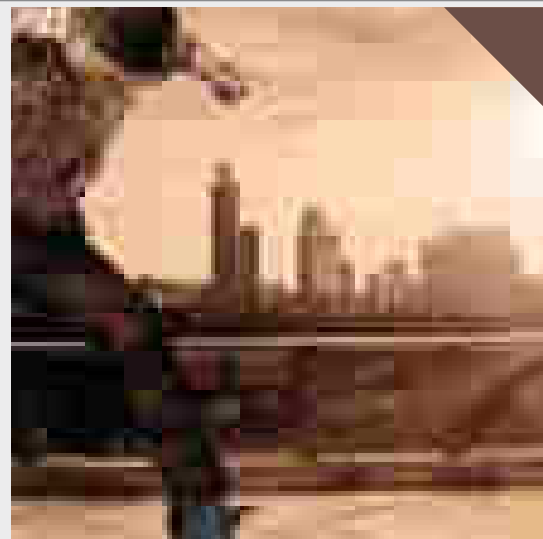


**CREDERE NELLE PERSONE,
NEL VALORE DI UNA STRETTA
DI MANO. RISPETTARE E
CONOSCERE IL MERCATO.
FARE SQUADRA CON I NOSTRI
PARTNERS. LA NOSTRA MISSION...
UN SALTO NEL FUTURO.**

Believe in people, the value of a handshake. Respect and know the market. Team work with our partners. Our mission...a dive into the future.

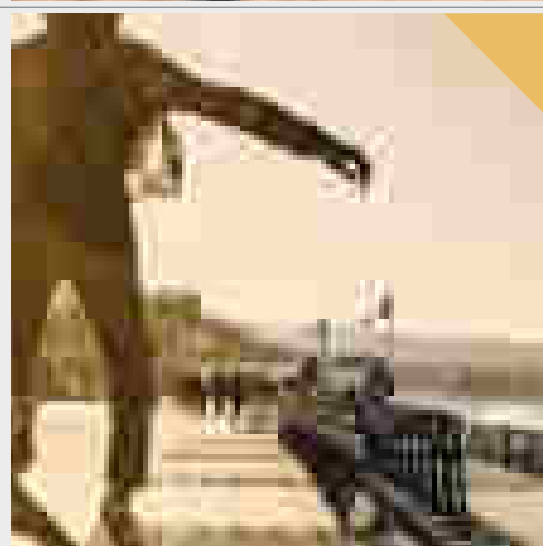


8/29



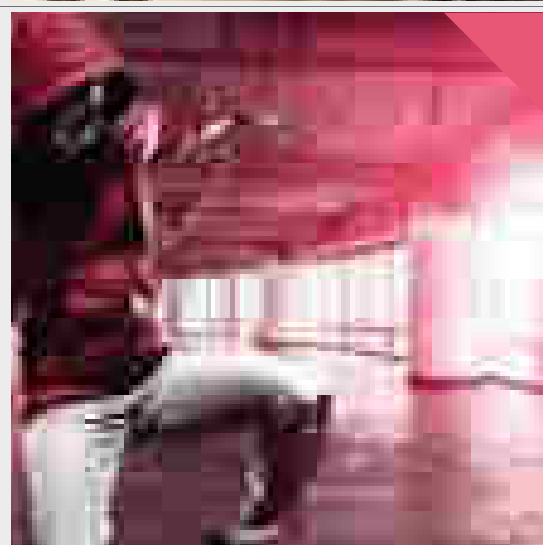
**CERNIERE
PER
SERRAMENTI**
Hinges
doors and
windows

30/39



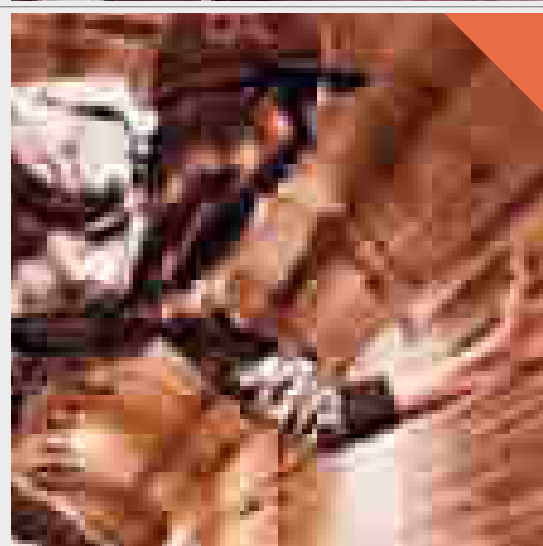
**CERNIERE
PER ANTE
BATTENTI**
Hinges
Swing
Gates

40/57



**SISTEMA
AUTOPORTANTE**
Cantilever
Gates
System

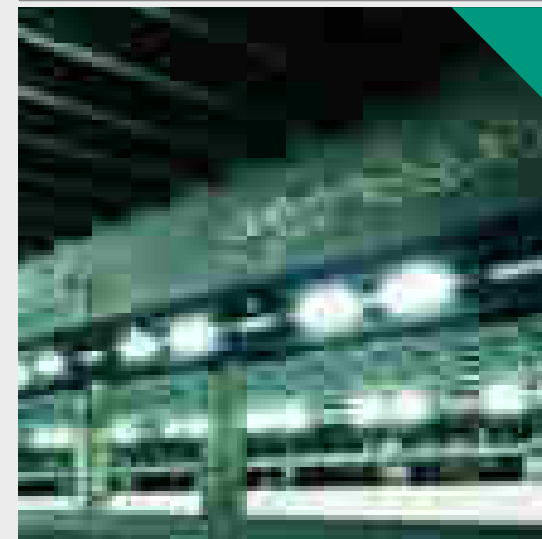
58/107



**ACCESSORI
CANCELLI
SCORREVOLI**
Sliding
Gates
Accessories

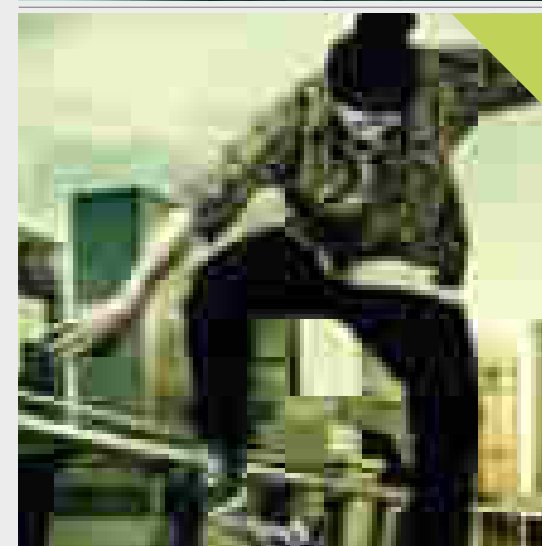
**ACCESSORI
CANCELLI
BATTENTI**
Swing
Gates
Accessories

108/139



**SISTEMA
DI CHIUSURA**
Block - System

140/165



ACCESSORI
Hardware

166/179



INOX
Stainless
Steel

180/199





BALANCE

art. 100

Cerniera 2 ali perno e rondella sfilabile
Hinge to be welded with 2 wings
and extractable pin
петля разборная 2 части под сварку

Versione Inox/Stainless Steel pag.182

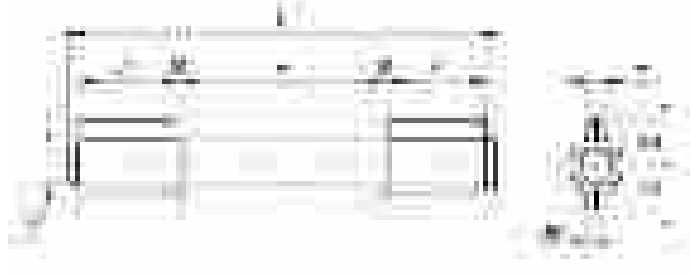


cod.	cod.zincato	pz/pcs	A	C	sp	ØD	E	L	S
100.60	100Z.60	48	27	8,5	2	Ø6	4,5	61	2
100.80	100Z.80	48	36	10	2	Ø8	4,5	80	2
100.100	100Z.100	24	46	11,5	2	Ø9	4,5	100	2
100.120	100Z.120	24	56	12	2,3	Ø10	5	121	2,2
100.140	100Z.140	24	66	13	2,5	Ø11	5,5	142	2,2
100P.140	100PZ.140	12	66	15	2,7	Ø12	6	142	2,2
100P.170	100PZ.170	12	81	15	2,7	Ø12	6	171	2,2
100P.200	100PZ.200	12	96	17	3	Ø14	6,5	202	2,3

art. 105

Cerniera 3 ali perno e rondelle sfilabili
Hinge to be welded with
3 wings and extractable pin
петля разборная 3 части под сварку

Versione Inox/Stainless Steel pag.182



cod.	mm.	pz/pcs	A	B	C	sp	ØD	E	L	S
105.80	80	48	17	36	10	2	Ø8	4,5	80	2
105.100	100	24	22	46	11,5	2	Ø9	4,5	100	2
105.120	120	24	27	56	12	2,3	Ø10	5	121	2,2
105.140	140	24	32	66	13	2,5	Ø11	5,5	142	2,2
105P.140	140P	12	32	66	15	2,7	Ø12	6	142	2,2
105P.170	170P	12	39	81	15	2,7	Ø12	6	171	2,2
105P.200	200P	12	47	96	17	3	Ø14	6,5	202	2,3

art. 108

Cerniera a tappo 2 ali, perno con
rondella fissa ottone adatta per uso esterno
Plug hinge to be welded with
2 wings and fixed brass pin
петля неразборная 2 части
под сварку с латунной шайбой



cod.	mm.	pz/pcs	A	C	sp	ØD	E	L	S
108.140	140	12	66	13	2,5	Ø11	5,5	149	2,7
108P.140	140P	12	66	15	2,7	Ø12	6	150	2,7
108P.170	170P	12	81	15	2,7	Ø12	6	180	2,7

art. 110

Cerniera a tappo 2 ali perno
con rondella fissa
Plug hinge to be welded
with 2 wings and fixed pin
петля неразборная
2 части под сварку

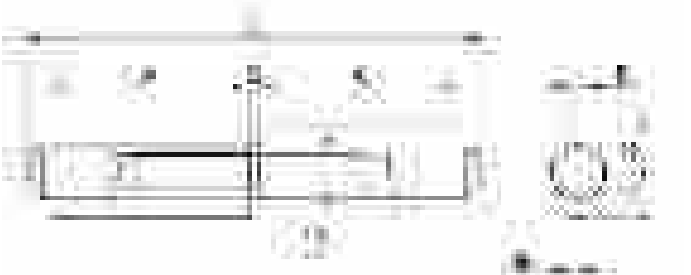
Versione Inox/Stainless Steel pag.182



cod.	cod.zincato	pz/pcs	A	C	sp	ØD	E	L	S
110.60	110Z.60	48	27	8,5	2	Ø6	4,2	64	1,6
110.80	110Z.80	48	36	10	2	Ø8	4,2	84	2
110.100	110Z.100	24	46	11,5	2	Ø9	4,2	105	2,3
110.120	110Z.120	24	56	12	2,3	Ø10	4,8	126	2,4
110.140	110Z.140	24	66	13	2,5	Ø11	5,4	149	2,7
110P.140	110PZ.140	12	66	15	2,7	Ø12	5,8	150	2,7
110P.170	110PZ.170	12	81	15	2,7	Ø12	5,8	180	2,7
110P.200	110PZ.200	12	96	17	3	Ø14	6,4	211	3,5

art. 110 SFL

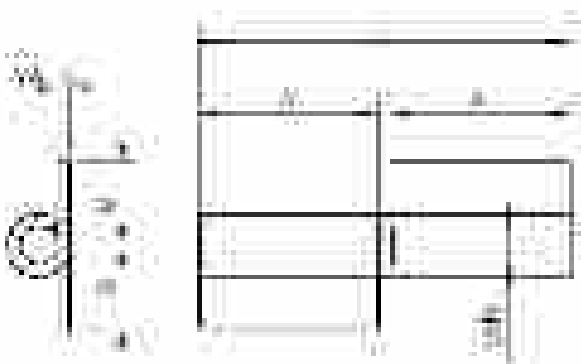
Cerniera a tappo 2 ali sfilabile
perno con rondella fissa
Plug hinge to be welded with
2 wings and extractable fixed pin
петля неразборная 2 части под сварку



cod.	mm.	pz/pcs	A	C	sp	ØD	E	L	S
110SFL.140	140	12	66	15	2,7	Ø12	5,8	150	2,7
110SFL.170	170	12	81	15	2,7	Ø12	5,8	180	2,7

art. 237

Fisce 2 ali piane con perno sfilabile
Right/left flag hinge with extractable pin
Петля левая / правая,
со съемным штифтом

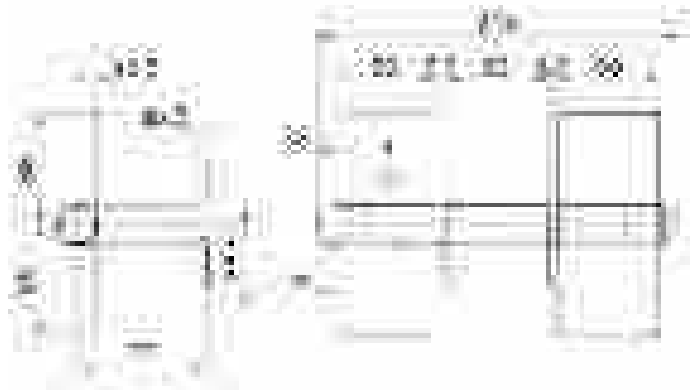


cod.	mm.	pz/pcs	A	C	ØD	L	sp.
237.14x80x3	Ø14x80	30	39	20	Ø8	81	2,7
237.16x100x3	Ø16x100	30	47	22	Ø10	98	3
237.18x110x4	Ø18x110	30	50	22	Ø10	104	4
237.20x120x4	Ø20x120	24	58	32,5	Ø12	120	4
237.25x140x5	Ø25x140	16	65	27	Ø14	135	5



art. 238

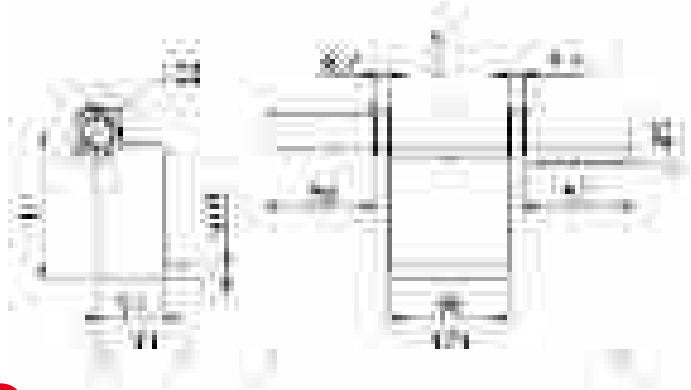
Fisce "ARI" 3 ali perno sfilabile con cuscinetti
"ARI" right/left flag hinge
w/extractable pin w/bearing
петля специальная



cod.	cod.	mm.	pz/pcs
238DX	238SX	UNICA	8

art. 239

Fisce "combinata" 3 ali ambidx
Right/left flat hinge "combinata"
правая/левая дверная петля "специальная"

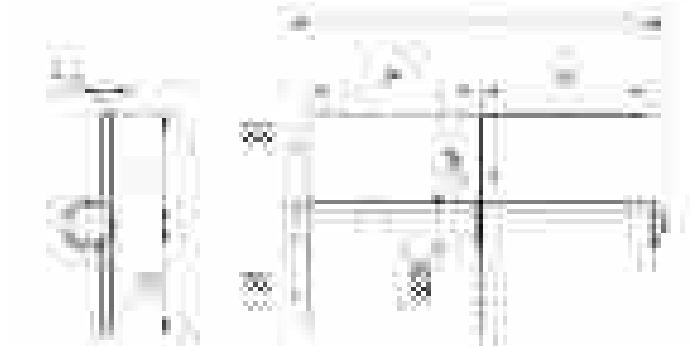


COMING
SOON!

cod.	mm.	pz/pcs
239	UNICA	8

art. 240

Fisce 2 ali medie perno fisso e rondella ottone
Right/left flag hinge w/medium wing
петля с шланцами



cod.	cod.	mm.	pz/pcs	A	C	R	sp	ØD	L
240DX.60	240SX.60	60	20	30	28	2	2,5	Ø8	73
240DX.80	240SX.80	80	20	39	28	2	2,7	Ø8	91
240DX.100	240SX.100	100	20	50	40	2,5	3	Ø10	116
240DX.120	240SX.120	120	20	60	40	2,5	3	Ø10	136
240DX.140	240SX.140	140	16	70	45	3	3,5	Ø12	158
240DX.160	240SX.160	160	16	80	45	3	3,5	Ø12	178



art. 245

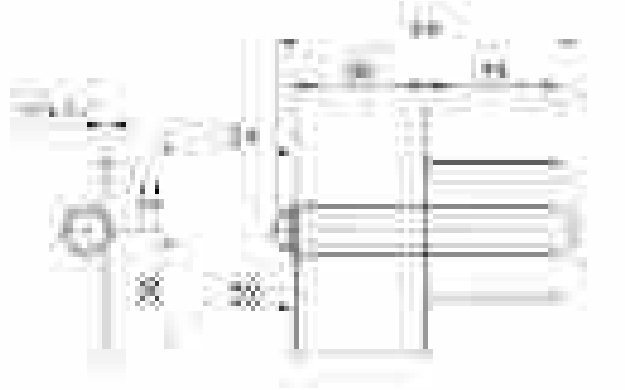
Fisce 2 ali lunghe perno fisso e rondella ottone
Right/left flag hinge w/long wing
петля с широкими шланцами



cod.	cod.	mm.	pz/pcs	A	C	R	sp	ØD	L
245DX.60	245SX.60	60	12	30	58	2	2,5	Ø8	73
245DX.80	245SX.80	80	12	39	58	2	2,7	Ø8	91
245DX.100	245SX.100	100	12	50	60	2,5	3	Ø10	116
245DX.120	245SX.120	120	12	60	60	2,5	3	Ø10	136
245DX.140	245SX.140	140	10	70	75	3	3,5	Ø12	158
245DX.160	245SX.160	160	10	80	75	3	3,5	Ø12	178

art. 246

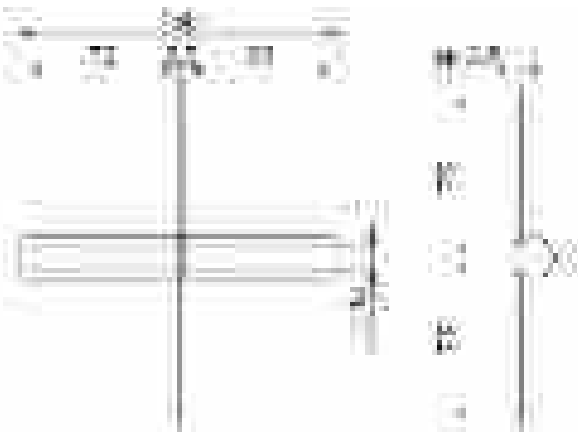
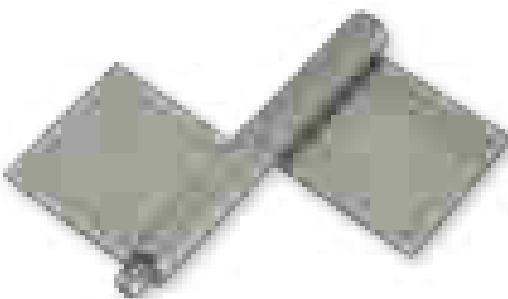
Fisce 2 ali per box
Right/left flag box hinge
петля с разными шланцами



cod.	cod.	mm.
246DX	246SX	UNICA

art. 249

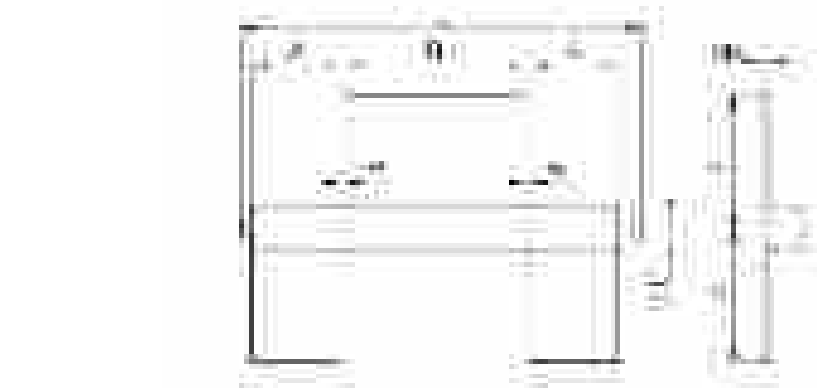
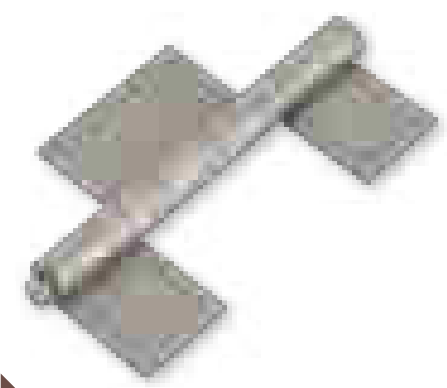
Fisce 3 ali lunghe con perno e rondella sfilabile
Flag hinge with 2 long wing with
extractable pin with washer
петля разборная 2 части с шланцами



cod.	mm.	pz/pcs
249.140	140	10

art. 250

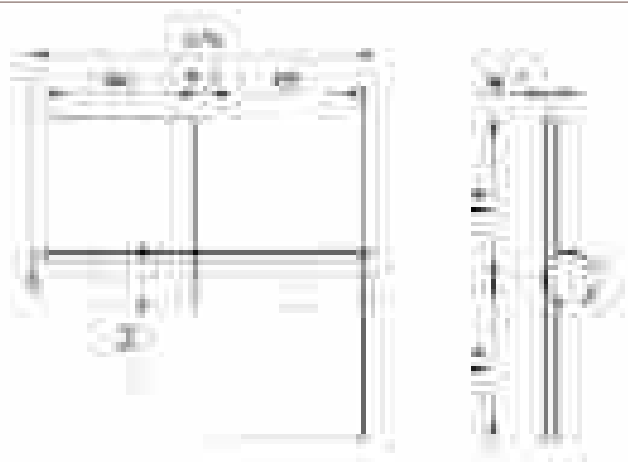
Fisce 3 ali lunghe con
perno sfilabile e rondella
*Flag hinge with 3 long wing
with extractable pin*
петля разборная
3 части с шланцами



cod.	mm.	pz/pcs	A	B	C	R	sp	ØD	L
250.110	110	10	30	50	50	2	2,5	Ø10	129
250.140	140	10	35	70	52	3	3	Ø12	158
250.170	170	10	45	80	55	3	3,5	Ø12	189
250.200	200	10	50	100	57	3	4	Ø14	221

art. 251

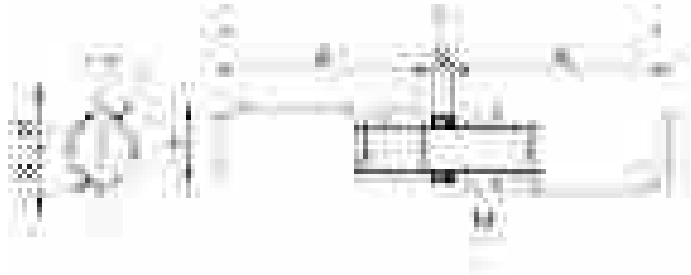
Fische 2 ali lunghe in lamiera
ambidestra con cuscinetto
Right/left hinge 2 leaf with bearing
петля с шланцами с подшипником



cod.	mm.	pz/pcs
251.150	150	10

art. 254

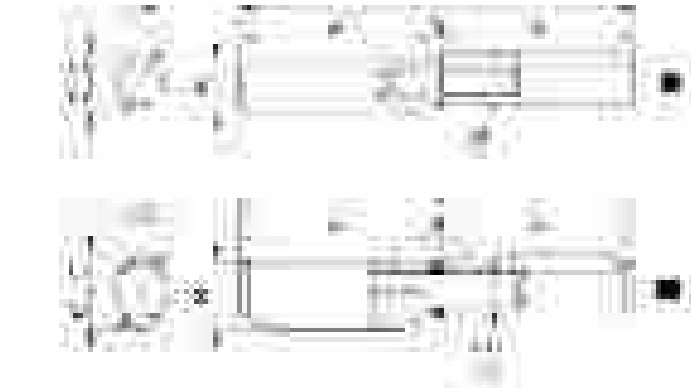
Cerniera con costa stampata
perno acciaio con cuscinetto
Steel drop shaped hinge with steel pin and bearing
петля-капля с подшипником



cod.	mm.	pz/pcs	A	B	C	ØD	ØE	L	S
254.18x21x140	Ø18x21x140	20	68	21	12	Ø10	Ø18	142	6
254.20x24x140	Ø20x24x140	18	68	24	14	Ø12	Ø20	142,5	6,5
254.22x25x150	Ø22x25x150	18	72	25,6	14,5	Ø14	Ø22	150,5	6,7

art. 255

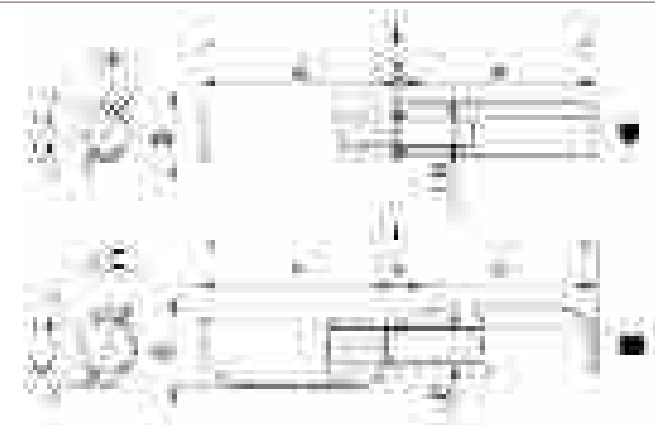
Cerniera con costa stampata perno acciaio
con rondella fissa - (*) con rondella ottone
*Steel drop shaped hinge with steel pin
with fixed washer (*) with brass washer*
петля-капля с латунной шайбой



cod.	mm.	pz/pcs	A	B	C	ØD	ØE	L	S
255.10x12x40	Ø10x12x40	48	20	11,5	6,5	Ø6	Ø10	42	2
255.10x12x60	Ø10x12x60	48	28	11,5	6,5	Ø6	Ø10	58	2
255.12x14x80	Ø12x14x80	48	38	13,8	8	Ø7	Ø12	78	2
255.14x16x100	Ø14x16x100	24	48	16,2	9	Ø8	Ø14	98	2,3
255.16x18x120	Ø16x18x120	24	58	18,5	10,5	Ø9	Ø16	118,5	2,5
255.16x18x140	Ø16x18x140	24	68	18,5	10,5	Ø9	Ø16	138,5	2,5
255.18x21x140	Ø18x21x140	20	68	21	12	Ø10	Ø18	139	3
255.20x24x140	Ø20x24x140	18	68	24	14	Ø12	Ø20	139	3
255.22x25x150	Ø22x25x150	18	72	25,6	14,5	Ø14	Ø22	147	3

art. 256

Cerniera con costa stampata
perno ottone con rondella ottone
*Steel drop shaped hinge with
brass pin with brass washer*
петля-капля латунный
стержень с латунной шайбой



cod.	mm.	pz/pcs	A	B	C	ØD	ØE	L	S
256.10x12x40	Ø10x12x40	48	20	11,5	6,5	Ø6	Ø10	42	2
256.10x12x60	Ø10x12x60	48	28	11,5	6,5	Ø6	Ø10	58	2
256.12x14x80	Ø12x14x80	48	38	13,8	8	Ø7	Ø12	78	2
256.14x16x100	Ø14x16x100	24	48	16,2	9	Ø8	Ø14	98	2
256.16x18x120	Ø16x18x120	24	58	18,5	10,5	Ø9	Ø16	118	2
256.16x18x140	Ø16x18x140	24	68	18,5	10,5	Ø9	Ø16	138	2
256.18x21x140	Ø18x21x140	20	68	21	12	Ø10	Ø18	138,5	2,5
256.20x24x140	Ø20x24x140	18	68	24	14	Ø12	Ø20	139	3
256.22x25x150	Ø22x25x150	18	72	25,6	14,5	Ø14	Ø22	147	3

art. 257

Cerniera con costa stampata
perno ottone con cuscinetto
*Steel drop shaped hinge with
brass pin with bearing*
петля-капля латунный
стержень с подшипником



cod.	cod. zincato	mm.	pz/pcs	A	B	C	ØD	ØE	B	C
257.18x21x140	257Z.18x21x140	Ø18x21x140	20	68	21	12	Ø10	Ø18	142	6
257.20x24x140	257Z.20x24x140	Ø20x24x140	18	68	24	14	Ø12	Ø20	142,5	6,5
257.22x25x150	257Z.22x25x150	Ø22x25x150	18	72	25,6	14,5	Ø14	Ø22	150,5	6,7

art. 257 SFL

Cerniera con costa stampata
sfilabile perno ottone con cuscinetto
*Steel drop shaped hinge with
extractable brass pin with bearing*
петля-капля съёмный латунный
стержень с подшипником



cod.	mm.	pz/pcs
257SFL.22x25x150	Ø22x25x150	18

art. 257 TP

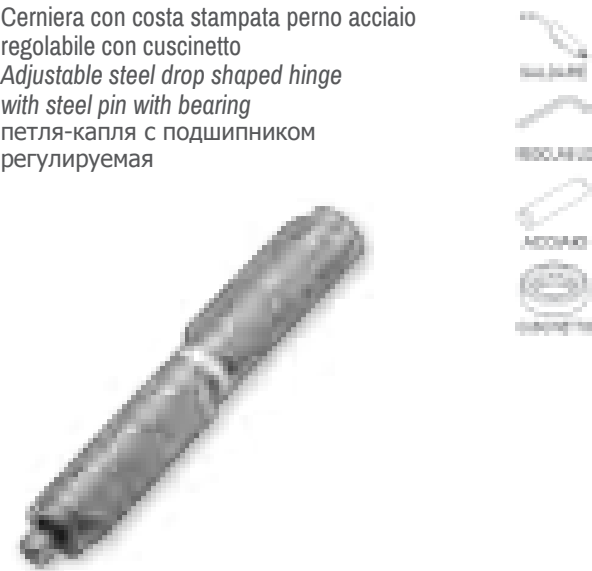
Tappo di protezione
Plug hinge
штырь противосъёмный



cod.	Ø	pz/pcs	CH	x cerniera
257TP.10	10	50	11	Ø18x140
257TP.12	12	50	13	Ø20x140
257TP.14	14	50	15	Ø22x150

art. 258 R

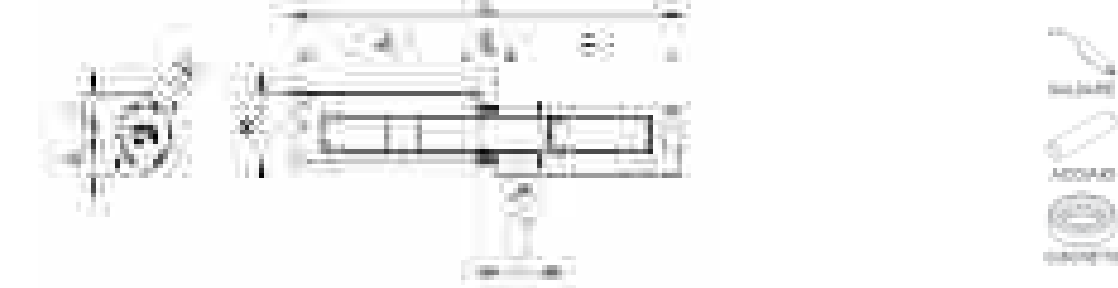
Cerniera con costa stampata perno acciaio
regolabile con cuscinetto
*Adjustable steel drop shaped hinge
with steel pin with bearing*
петля-капля с подшипником
регулируемая



cod.	mm.	pz/pcs
258R.22x25x150	Ø22x25x150	18

art. 1254

Cerniera a goccia stampata
perno acciaio con cuscinetto
Steel drop shaped hinge with steel pin and bearing
петля-капля с подшипником



cod.	mm.	pz/pcs	A	B	C	ØD	ØE	L	S	P
1254.20x25x100	Ø20x25x100	12	46	25	15	Ø12	Ø20	98,5	6,5	35
1254.20x25x140	Ø20x25x140	18	67	25	15	Ø12	Ø20	140,5	6,5	35
1254.20x25x150	Ø20x25x150	18	71	25	15	Ø12	Ø20	148,5	6,5	35
1254.22x27x150	Ø22x27x150	18	70	27	16	Ø14	Ø22	146,7	6,7	38

art. 1257

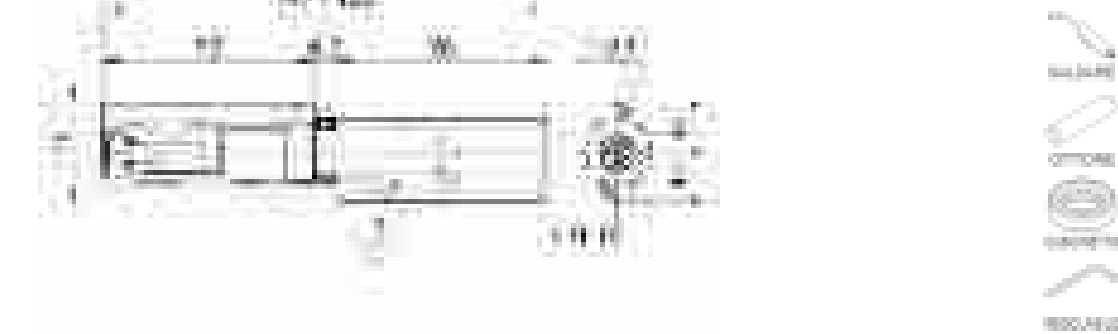
Cerniera a goccia stampata
perno ottone con cuscinetto
*Steel drop shaped hinge with
brass pin and bearing*
петля-капля латунный
стержень с подшипником



cod.	mm.	pz/pcs	A	B	C	ØD	ØE	L	S	P
1257.20x25x100	Ø20x25x100	12	46	25	15	Ø12	Ø20	98,5	6,5	30
1257.20x25x140	Ø20x25x140	18	67	25	15	Ø12	Ø20	140,5	6,5	30
1257.20x25x150	Ø20x25x150	18	71	25	15	Ø12	Ø20	148,5	6,5	30
1257.22x27x150	Ø22x27x150	18	70	27	16	Ø14	Ø22	146,7	6,7	32

art. 1258 R

Cerniera a goccia stampata
perno ottone con cuscinetto
*Adjustable steel drop shaped hinge with
brass pin and bearing*
петля-капля с подшипником
регулируемая



cod.	mm.	pz/pcs
1258R.22x27x150	Ø22x27x150	18

COMING
SOON!

CERNIERE STAMPATE PROFILO GOCCIA STEEL DROP SHAPED HINGE

Ref. art. 254, 255, 256, 257, 258R, 1254, 1257, 1258R

100% materiale saldabile
100% welding material

ECOLOGICHE ENVIRONMENT FRIEND

Prodotte con acciaio in assenza di piombo
Made of Steel-Free Lead

SICURE SAFE

Saldature più sicure e in minor tempo
Safe and Quick Welding

ECONOMICHE ECONOMICAL

Saldature a temperature più basse
con risparmio di energia elettrica
Energy saving low
temperature welding

ECOLOGICHE ENVIRONMENT FRIEND

Assenza totale di fumi durante la saldatura
Smokeless welding

CERNIERE TORNITE PROFILO GOCCIA STEEL DROP TURNED HINGE

Ref. art. 259, 260, 261, 262, 263R

100% materiale saldabile
100% welding material

ECOLOGICHE ENVIRONMENT FRIEND

Prodotte con acciaio in assenza di piombo
Made of Steel-Free Lead

SICURE SAFE

Saldature più sicure e in minor tempo
Safe and Quick Welding

ECONOMICHE ECONOMICAL

Saldature a temperature più basse
con risparmio di energia elettrica
Energy saving low
temperature welding

ECOLOGICHE ENVIRONMENT FRIEND

Assenza totale di fumi durante la saldatura
Smokeless welding



art. 259

Cerniera a goccia tornita perno acciaio con rondella ottone
Steel drop turned hinge with steel pin with brass washer
петля-капля с латунной шайбой



cod.	mm.	pz/pcs	A	B	C	ØD	ØE	L	S		
259.16x20x120	Ø16x20x120	24	58	20	12	Ø9	Ø16	118	2	•	
259.16x20x140	Ø16x20x140	24	68	20	12	Ø9	Ø16	138	2	•	
259.20x25x100	Ø20x25x100	12	46	25	15	Ø12	Ø20	95	3	•	
259.20x25x150	Ø20x25x150	18	71	25	15	Ø12	Ø20	145	3	•	
259.22x25x150	Ø22x25x150	18	71	25	14	Ø14	Ø22	145	3	▪	
259.23x28x150	Ø23x28x150	14	71	28,5	17	Ø14	Ø23	145	3	▪	
259.23x28x200	Ø23x28x200	12	96	28,5	17	Ø14	Ø23	195	3	▪	

art. 260

Cerniera a goccia tornita perno ottone e rondella ottone
Steel drop turned hinge with brass pin and washer
петля-капля латунный стержень с латунной шайбой



cod.	mm.	pz/pcs	A	B	C	ØD	ØE	L	S		
260.16x20x120	Ø16x20x120	24	58	20	12	Ø9	Ø16	118	2	•	
260.16x20x140	Ø16x20x140	24	68	20	12	Ø9	Ø16	138	2	•	
260.20x25x100	Ø20x25x100	12	46	25	15	Ø12	Ø20	95	3	•	
260.20x25x150	Ø20x25x150	18	71	25	15	Ø12	Ø20	145	3	•	
260.22x25x150	Ø22x25x150	18	71	25	14	Ø14	Ø22	145	3	▪	
260.23x28x150	Ø23x28x150	14	71	28,5	17	Ø14	Ø23	145	3	▪	
260.23x28x200	Ø23x28x200	12	96	28,5	17	Ø14	Ø23	195	3	▪	

art. 261

Cerniera a goccia tornita perno ottone con cuscinetto
Steel drop turned hinge with brass pin with bearing
петля-капля латунный стержень с подшипником

Versione Inox/Stainless Steel pag.183

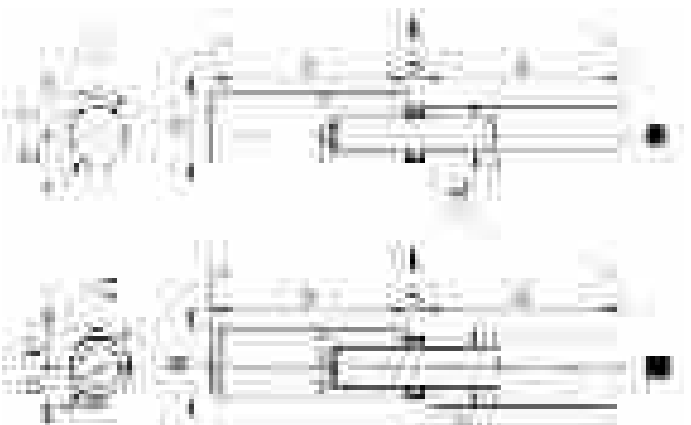


cod.	cod. zincato	mm.	pz/pcs	A	B	C	ØD	ØE	L	S	
261.16x20x120	261Z.16x20x120	Ø16x20x120	24	58	20	12	Ø9	Ø16	121,5	5,6	•
261.16x20x140	261Z.16x20x140	Ø16x20x140	24	68	20	12	Ø9	Ø16	141,5	5,6	•
261.20x25x100	261Z.20x25x100	Ø20x25x100	12	46	25	15	Ø12	Ø20	98,5	6,5	•
261.20x25x150	261Z.20x25x150	Ø20x25x150	18	71	25	15	Ø12	Ø20	148,5	6,5	•
261.22x25x150	261Z.22x25x150	Ø22x25x150	18	71	25	14	Ø14	Ø22	148,5	6,7	▪
261.23x28x150	261Z.23x28x150	Ø23x28x150	14	71	28,5	17	Ø14	Ø23	148,5	6,7	▪
261.23x28x200	261Z.23x28x200	Ø23x28x200	12	96	28,5	17	Ø14	Ø23	198,5	6,7	▪



art. 261 SFL

Cerniera a goccia tornita sfilabile perno ottone con cuscinetto
Steel drop turned hinge with extractable brass pin with bearing
петля-капля съёмный латунный стержень с подшипником



cod.	mm.	pz/pcs	A	B	C	ØD	ØE	L	S		
261SFL.20x25x150	Ø20x25x150	18	71	25	15	Ø12	Ø20	148,5	6,5	•	
261SFL.22x25x150	Ø22x25x150	18	71	25	14	Ø14	Ø22	148,5	6,7	▪	
261SFL.23x28x150	Ø23x28x150	14	71	28,5	17	Ø14	Ø23	148,5	6,7	▪	
261SFL.23x28x200	Ø23x28x200	12	96	28,5	17	Ø14	Ø23	198,5	6,7	▪	

art. 262

Cerniera a goccia tornita perno acciaio con cuscinetto
Steel drop turned hinge with steel pin with bearing
петля-капля с подшипником



cod.	mm.	pz/pcs	A	B	C	ØD	ØE	L	S	S	
262.16x20x120	Ø16x20x120	24	58	20	12	Ø9	Ø16	121,5	5,6	5,6	•
262.16x20x140	Ø16x20x140	24	68	20	12	Ø9	Ø16	141,5	5,6	5,6	•
262.20x25x100	Ø20x25x100	12	46	25	15	Ø12	Ø20	98,5	6,5	6,5	•
262.20x25x150	Ø20x25x150	18	71	25	15	Ø12	Ø20	148,5	6,5	6,5	•
262.22x25x150	Ø22x25x150	18	71	25	14	Ø14	Ø22	148,5	6,7	6,7	▪
262.23x28x150	Ø23x28x150	14	71	28,5	17	Ø14	Ø23	148,5	6,7	6,7	▪
262.23x28x200	Ø23x28x200	12	96	28,5	17	Ø14	Ø23	198,5	6,7	6,7	▪

art. 263 R

Cerniera a goccia tornita perno acciaio regolabile
Adjustable steel drop turned hinge with steel pin
петля-капля с шариком регулируемая

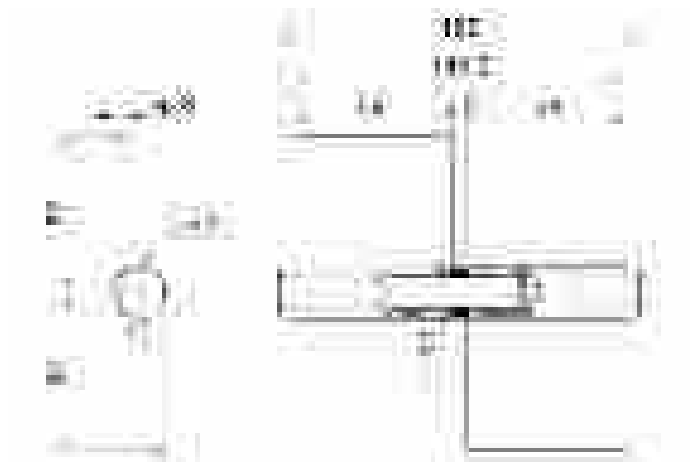
Versione Inox/Stainless Steel pag.183



cod.	mm.	pz/pcs	A	B	C	ØD	ØE	R		
263R.20x25x150	Ø20x25x150	18	71	25	15	Ø12	Ø20	142-148	•	
263R.22x25x150	Ø22x25x150	18	71	25	14	Ø14	Ø22	142-148	▪	

art. 1200

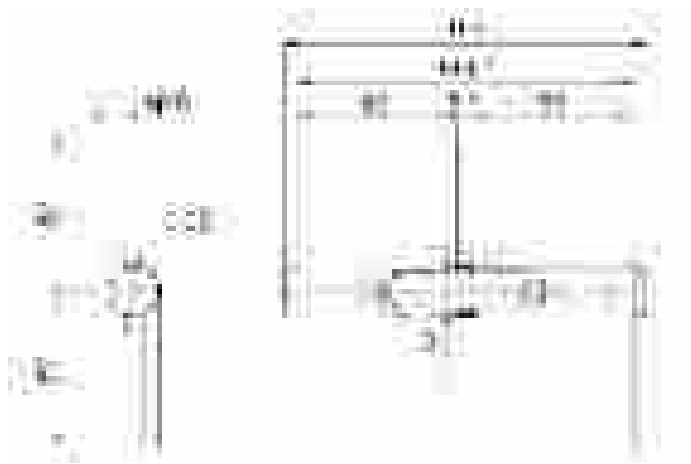
Cerniera tornita 2 ali lunghe perno acciaio e rondella ottone sfilabile
Steel doors hinge with steel pin with brass washer
петля для бронированных дверей с латунной шайбой



cod.	mm.	pz/pcs
1200.145	145	10

art. 1202

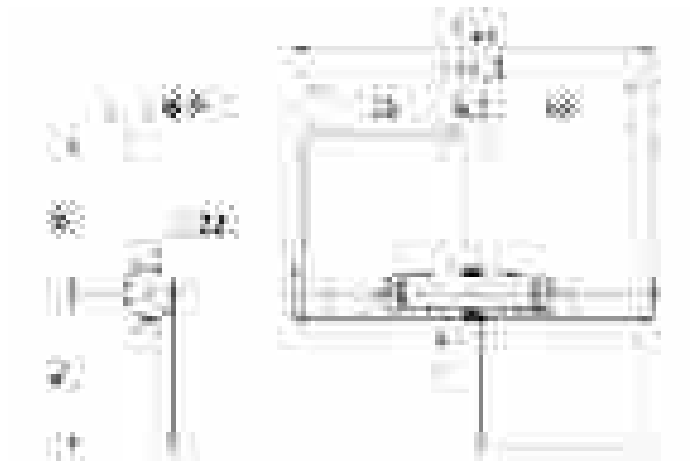
Cerniera tornita 2 ali lunghe con perno acciaio e cuscinetto sfilabile
Steel doors hinge with steel pin with bearing
петля для бронированных дверей с подшипником



cod.	mm.	pz/pcs
1202.145	145	10

art. 1204

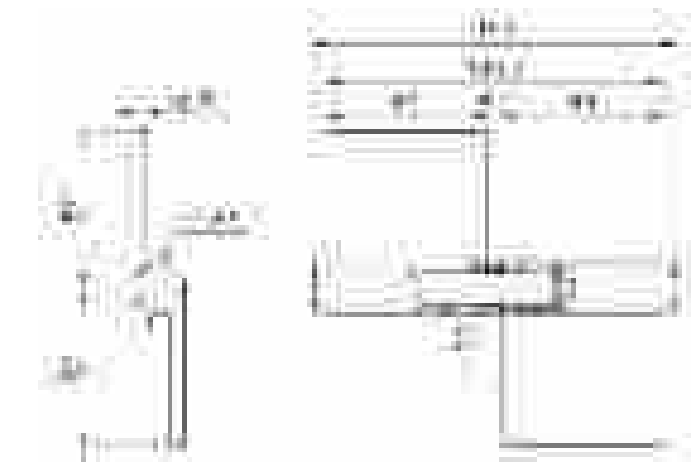
Cerniera tornita 2 ali lunghe con perno e rondella ottone sfilabile
Steel doors hinge with brass pin with brass washer
петля для бронированных дверей латунный стержень с латунной шайбой



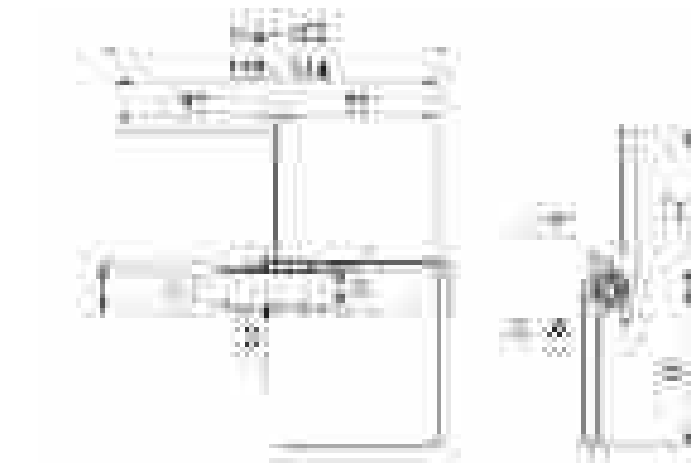
cod.	mm.	pz/pcs
1204.145	145	10

art. 1206

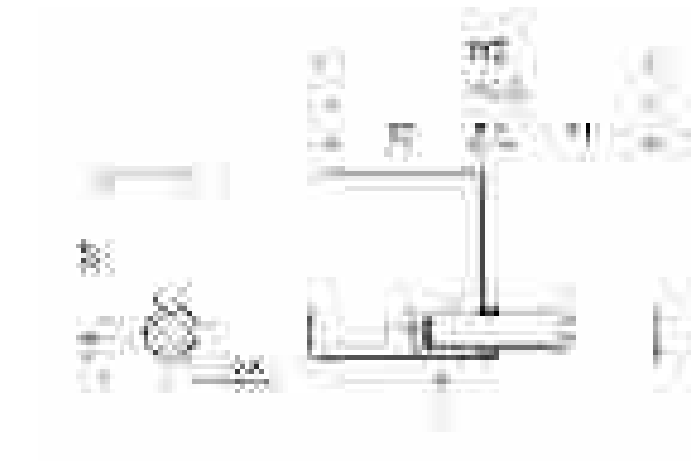
Cerniera tornita 2 ali lunghe con perno ottone e cuscinetto sfilabile
steel doors hinge with brass pin with bearing
петля для бронированных дверей латунный стержень с подшипником



cod.	mm.	pz/pcs
1206.145	145	10



cod.	mm.	pz/pcs
1206R.145	145	10



cod.	mm.	pz/pcs
1210.145	145	10

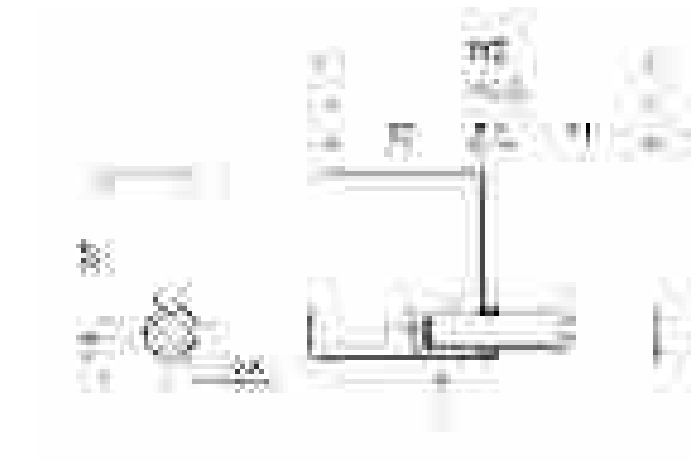
art. 1208 R

Cerniera tornita 2 ali lunghe con perno acciaio regolabile
Adjustable steel doors hinge with steel pin
петля для бронированных дверей регулируемая с шариком



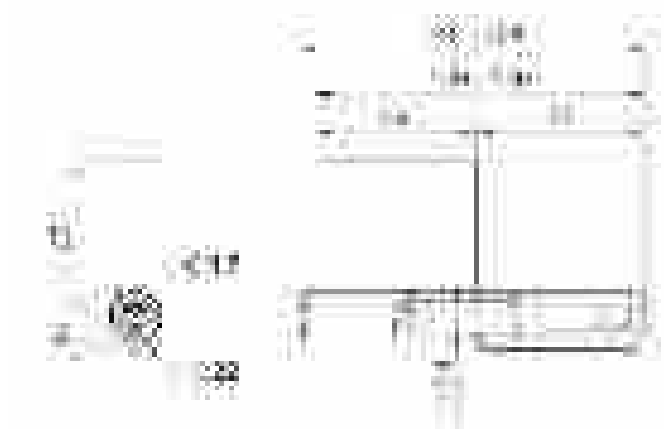
art. 1210

Cerniera tornita 1 ala lunga + 1 ala a goccia p.o. e cuscinetto
Steel doors hinge with long and short wing, with brass pin with bearing
петля для бронированных дверей латунный стержень с подшипником



art. 1212 R

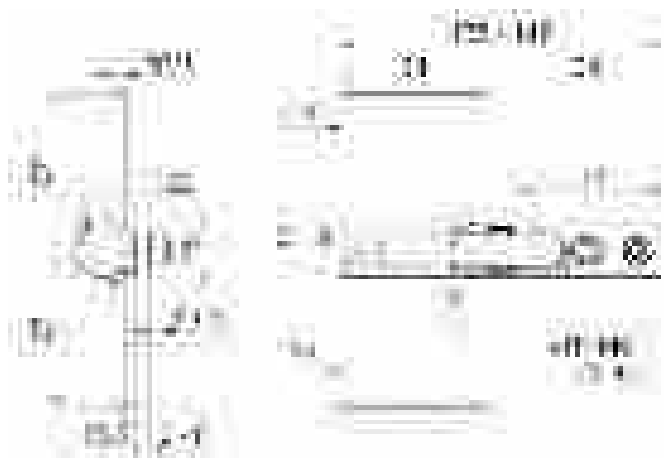
Cerniera tornita 1 ala lunga + 1 ala a goccia
perno acciaio regolabile con cuscinetto
Adjustable steel doors hinge with steel pin
петля для бронированных дверей
регулируемая с шариком



cod.	mm.	pz/pcs
1212R.145	145	10

art. 1214

Cerniera tornita 1 ala lunga + 1 ala a T
perno regolabile per porte blindate
Adjustable steel doors hinge right/left
петля для бронированных дверей
регулируемая с шариком



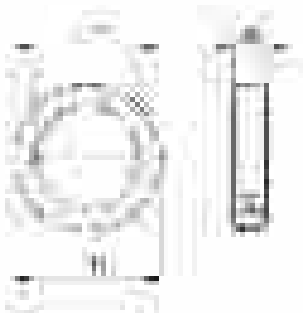
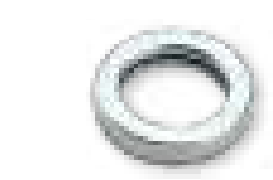
cod.	cod.	mm.	pz/pcs
1214.DX	1214.SX	UNICA	10

art. 111

Cuscinetto reggispinta zincato
Ball bearing white-zinc
подшипник для петель

- tornito / turned
- stampato / shaped

Versione Inox/Stainless Steel pag.183



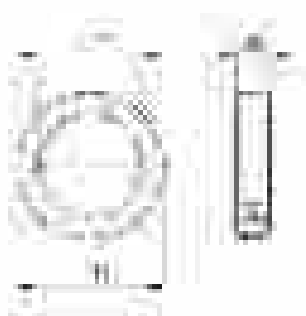
Tutti i cuscinetti sono stati testati con prove di carico assiale per una durata di 200000 cicli (600 cicli/min), lubrificati ogni 25000 cicli con grasso Lipler EP1. Per una maggior durata, si consiglia di caricare il cuscinetto al 75% della sua portata. Si consiglia di ingrassare periodicamente il cuscinetto.
All the bearings have undergone axial load resistance tests for a duty of 200000 cycles (600 cycles/min), lubricated every 25000 cycles with Lipler EP1 grease. For greater duties, it is recommended to reduce the load on the bearing to 75% of its capacity. Periodical greasing of the bearing is recommended.

cod.	Ø	pz/pcs	ØF	ØD	sp	portata
111.9	9	100	Ø9	Ø15	5,6	3000 N
111.10	10	100	Ø10	Ø17,5	6	4500 N
111.11	11	100	Ø11	Ø19	6,5	5000 N
111.12	12	100	Ø12	Ø20	6,5	8500 N
111.12,5	12,5	100	Ø12,5	Ø20	7	3000 N
111.13	13	100	Ø13	Ø21	6,5	6000 N
111.14	14	100	Ø14	Ø22	6,7	9000 N
111.20	20	100	Ø20	Ø29	6,5	10000 N

art. 112

Cuscinetto reggispinta zincato nero
Ball bearing black-zinc
подшипник для петель чёрный

Versione Inox/Stainless Steel pag.183



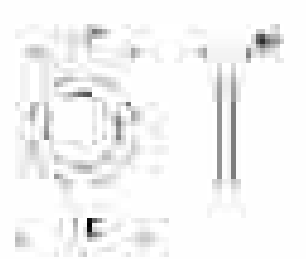
Tutti i cuscinetti sono stati testati con prove di carico assiale per una durata di 200000 cicli (600 cicli/min), lubrificati ogni 25000 cicli con grasso Lipler EP1. Per una maggior durata, si consiglia di caricare il cuscinetto al 75% della sua portata. Si consiglia di ingrassare periodicamente il cuscinetto.
All the bearings have undergone axial load resistance tests for a duty of 200000 cycles (600 cycles/min), lubricated every 25000 cycles with Lipler EP1 grease. For greater duties, it is recommended to reduce the load on the bearing to 75% of its capacity. Periodical greasing of the bearing is recommended.

cod.	Ø	pz/pcs	ØF	ØD	sp	portata
112.10	10	100	Ø10	Ø17,5	6	4500 N
112.12	12	100	Ø12	Ø20	6,5	8500 N
112.14	14	100	Ø14	Ø22	6,7	9000 N



art. 113

Rondella ottone
Brass washer
шайба для петель латунная



cod.	Ø	pz/pcs
113.6x10x2	6x10x2	300
113.7x12x2	7x12x2	300
113.8x12x2,2	8x12x2,2	300
113.8x14x2	8x14x2	300
113.9x13x2,2	9x13x2,2	300
113.9x16x2	9x16x2	300
113.10x14x2,2	10x14x2,2	200
113.10x17x2,5	10x17x2,5	200
113.11x16x2	11x16x2	200
113.12x19x3	12x19x3	200
113.12x19x6,5	12x19x6,5	100
113.14x21x1	14x21x1	200
113.14x21x2	14x21x2	200
113.14x21x3	14x21x3	100
113.14x21x6,5	14x21x6,5	100
113.20x28x6	20x28x6	100



art. 730

Antistrappo con perno filettato
Safety-pin for security armoured doors
шип противосъёмный,
для стальных дверей



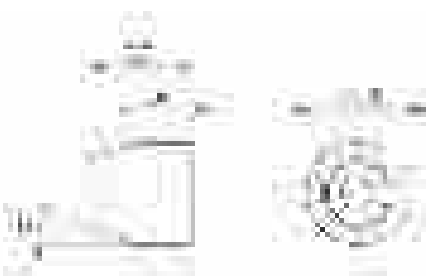
cod.	mm.	pz/pcs	ØD	L	CH
730.8	M8	300	Ø16	28	14
730.10	M10	300	Ø18	30	16





art. 731

Antistrappo per vite testa svasata
Safety-pin for security armoured doors
шип противосъёмный,
для стальных дверей



cod.	Ø	pz/pcs	A	α	ØD
731.16	16	300	13	10°	Ø16
731.20	20	300	12	20°	Ø20

LEGENDA SIMBOLI
Symbol description



COMPONENTE DA SALDARE_COMPONENTS REQUIRING WELDING

- Realizzare una saldatura di dimensioni adatte a supportare le forze in gioco e con materiale d'apporto idoneo.
- Rinforzare adeguatamente le zone d'attacco all'anta e/o alla struttura / telaio.
- *The weld must be adequately sized to support the applied forces and with suitable electrode material.*
- *Adequately strengthen the areas anchoring the door and/or structure / frame.*



COMPONENTE DA FISSARE_COMPONENTS REQUIRING SCREW MOUNTING

- Fissare con tasselli / bulloni di dimensioni adatte a supportare le forze in gioco.
- Rinforzare adeguatamente le zone d'attacco all'anta e/o alla struttura / telaio.
- *Mount with adequately sized expansion bolts capable of sustaining the applied forces.*
- *Adequately strengthen the areas anchoring the door and/or structure / frame.*



COMPONENTE REGOLABILE_ADJUSTABLE COMPONENT

- Regolazione effettuabile ad accessorio montato.
- *The accessory can be adjusted after installation.*



CUSCINETTO REGGISPINTA_THRUST BEARING

- Carico assiale max. e manutenzione, vedi pag 24
- Lubrificare prima dell'installazione. Usare grasso che supporti le condizioni ambientali, evitare grassi che tendono ad essiccarsi rapidamente.
- *For max axial load and maintenance, see page 24*
- *Lubricate before installation. Use grease suited to the ambient conditions, avoid grease that tends to dry rapidly.*



RONDELLA ACCIAIO_STEEL WASHER

- Lubrificare prima dell'installazione. Usare grasso che supporti le condizioni ambientali, evitare grassi che tendono ad essiccarsi rapidamente.
- *Lubricate before installation. Use grease suited to the ambient conditions, avoid grease that tends to dry rapidly.*



RONDELLA OTTONE_BRASS WASHER

- Lubrificare prima dell'installazione. Usare grasso che supporti le condizioni ambientali, evitare grassi che tendono ad essiccarsi rapidamente.
- *Lubricate before installation. Use grease suited to the ambient conditions, avoid grease that tends to dry rapidly.*



PERNO ACCIAIO_STEEL PIN

- Lubrificare prima dell'installazione. Usare grasso che supporti le condizioni ambientali, evitare grassi che tendono ad essiccarsi rapidamente.
- *Lubricate before installation. Use grease suited to the ambient conditions, avoid grease that tends to dry rapidly.*



PERNO OTTONE_BRASS PIN

- Lubrificare prima dell'installazione. Usare grasso che supporti le condizioni ambientali, evitare grassi che tendono ad essiccarsi rapidamente.
- *Lubricate before installation. Use grease suited to the ambient conditions, avoid grease that tends to dry rapidly.*



PERNO IN ACCIAIO CON RONDELLA FISSA_PIN WITH FIXED STEEL WASHER

- Lubrificare prima dell'installazione. Usare grasso che supporti le condizioni ambientali, evitare grassi che tendono ad essiccarsi rapidamente.
- *Lubricate before installation. Use grease suited to the ambient conditions, avoid grease that tends to dry rapidly.*

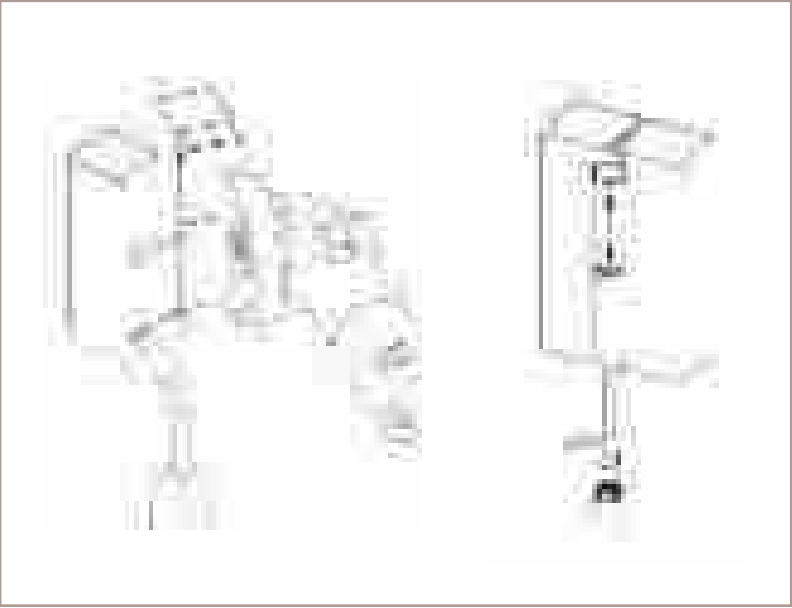
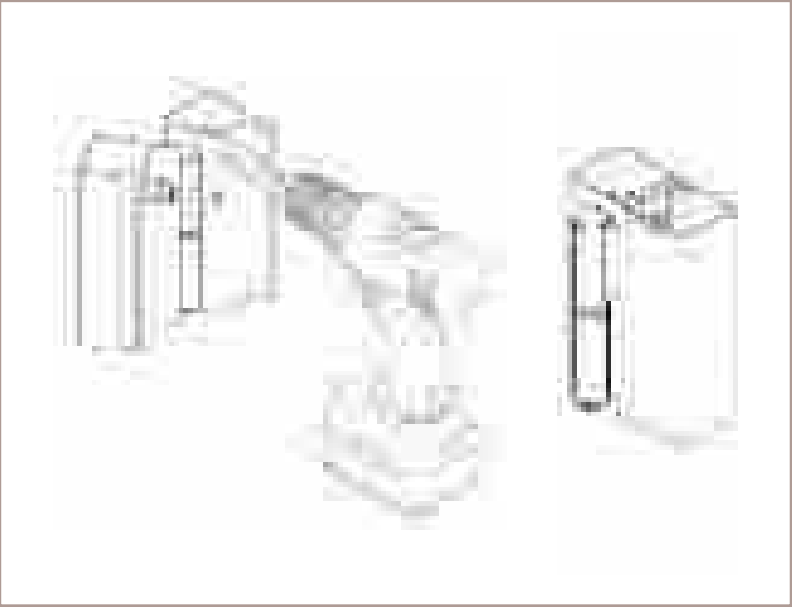
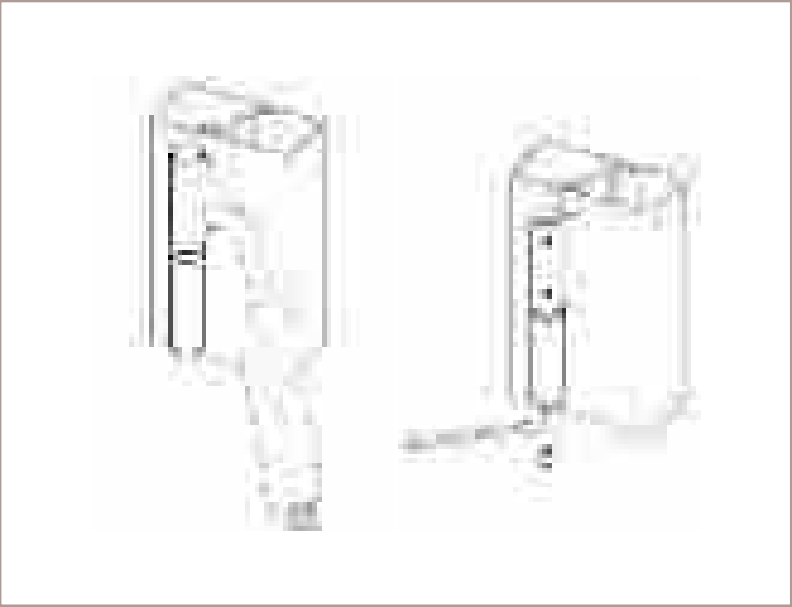
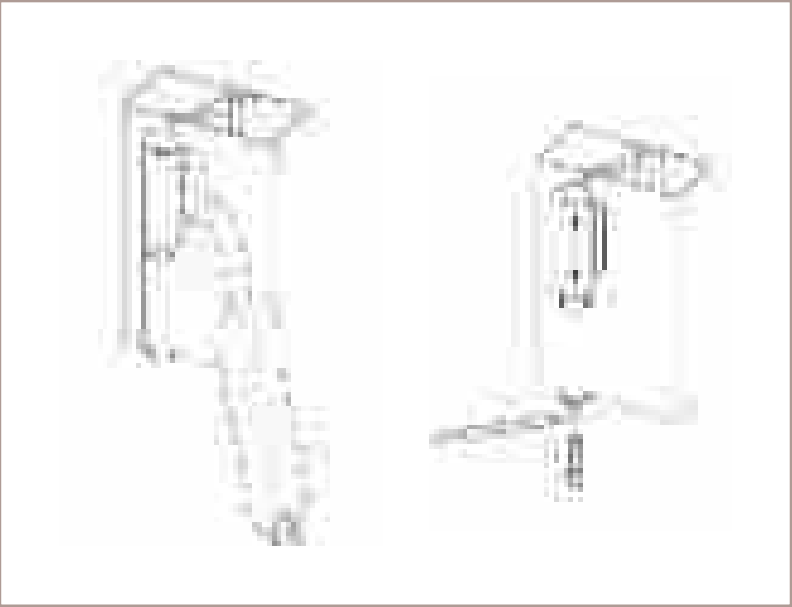
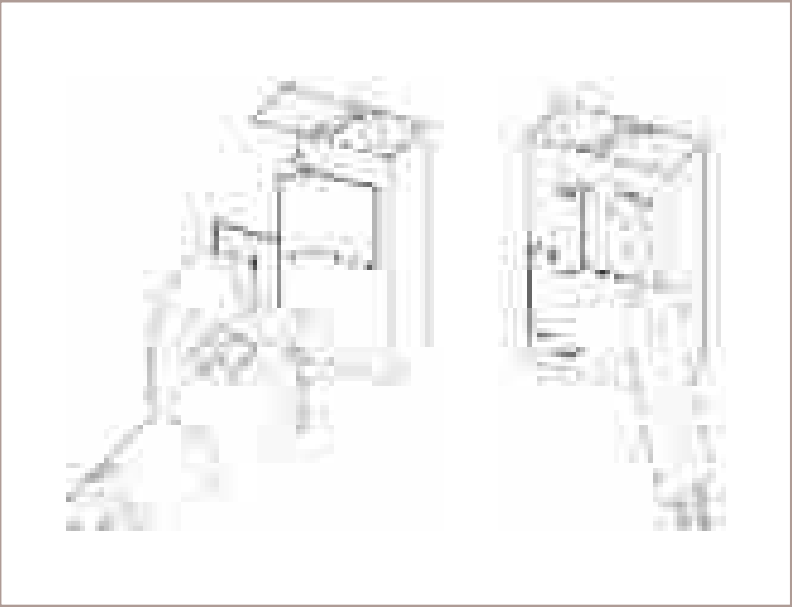
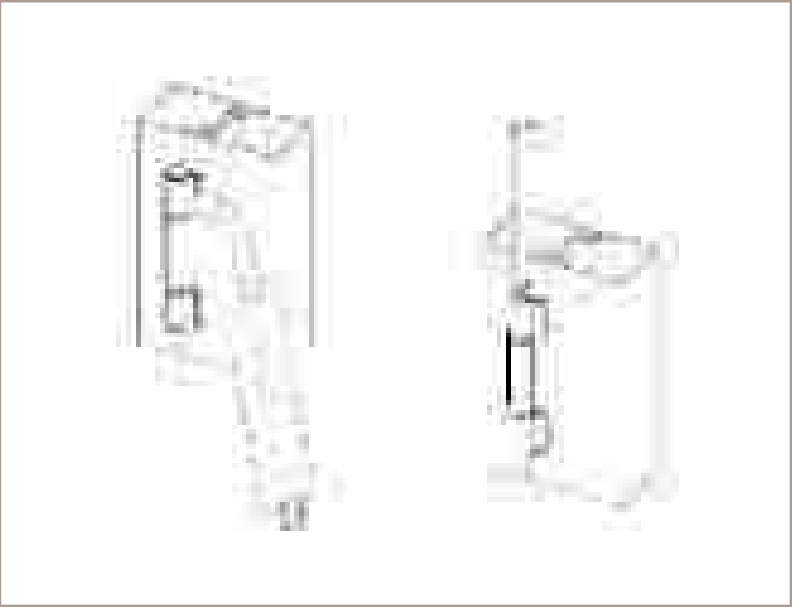


PERNO IN OTTONE CON RONDELLA FISSA_PIN WITH FIXED BRASS WASHER

- Lubrificare prima dell'installazione. Usare grasso che supporti le condizioni ambientali, evitare grassi che tendono ad essiccarsi rapidamente.
- *Lubricate before installation. Use grease suited to the ambient conditions, avoid grease that tends to dry rapidly.*



APPLICATIVI
Applications



1222

CERNIERA A MOLLA CHIUDIPIORTA
SELF-CLOSING DOOR HINGE

**COMING
SOON!**





CERNIERE
PER ANTE
BATTENTI
Hinges
Swing
Gates

LIGHTNESS



art. 115

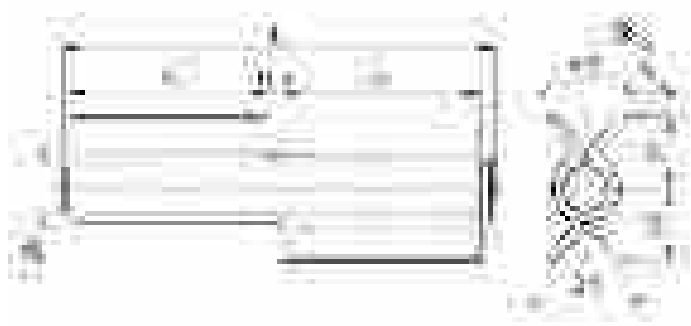
Cerniera per cancelli 2 ali aperte
con rondella ottone
*Large hinge with 2 open wings
with brass washer*
петля разборная 2 части под
сварку с латунной шайбой



cod.	mm.	pz/pcs	A	L
115.90	90	8	40	94
115.180	180	4	85	185

art. 120

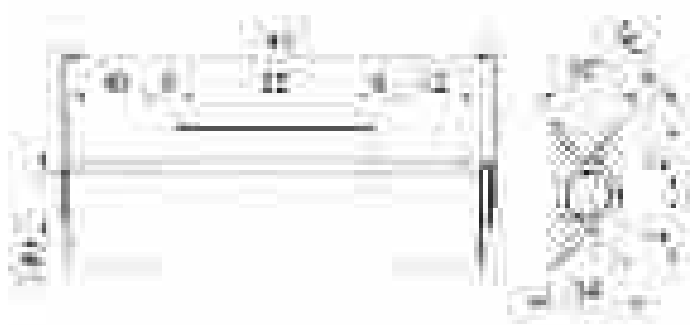
Cerniera per cancelli 2 ali aperte con cuscinetto
Large hinge with 2 open wings with bearing
петля разборная 2 части под
сварку с подшипником



cod.	mm.	pz/pcs	A	L
120.90	90	8	40	94
120.180	180	4	85	185

art. 125

Cerniera per cancelli 3 ali aperte
con rondelle ottone
*Large hinge with 3 open wings
with brass washer*
петля разборная 3 части
под сварку с латунной шайбой

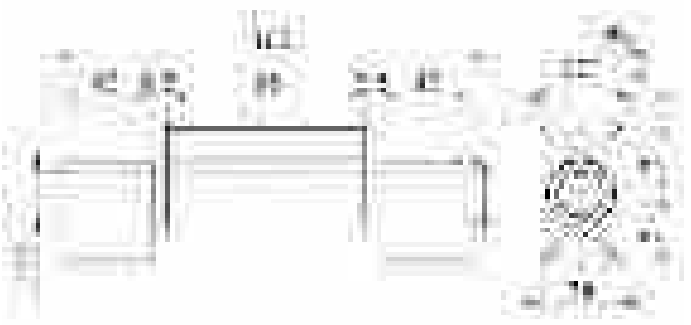


cod.	mm.	pz/pcs
125.180	180	4



art. 130

Cerniera per cancelli 3 ali aperte
con cuscinetto
*Large hinge with 3 open
wings with bearing*
петля разборная 3 части
под сварку с подшипником



cod.	mm.	pz/pcs
130.180	180	4

art. 135

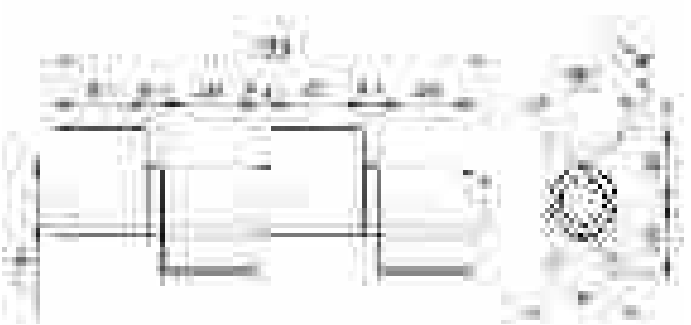
Cerniera per cancelli 4 ali aperte
con rondelle ottone
*Large hinge with 4 open wings
with brass washer*
петля разборная 4 части под
сварку с латунной шайбой



cod.	mm.	pz/pcs
135.180	180	4

art. 140

Cerniera per cancelli 4 ali aperte
con cuscinetti
*Large hinge with 4 open
wings with bearing*
петля разборная 4 части
под сварку с подшипником



cod.	mm.	pz/pcs
140.180	180	4



art. 145

Cerniera per cancelli 2 ali chiuse
con rondella ottone
*Large hinge with 2 close wings
with brass washer*
петля разборная 2 части
под сварку с латунной шайбой



cod.	mm.	pz/pcs	A	L
145.90	90	12	40	94
145.180	180	6	85	185

art. 150

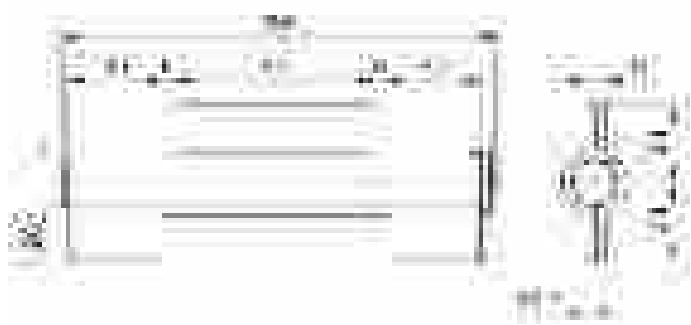
Cerniera per cancelli 2 ali chiuse
con cuscinetto
*Large hinge with 2 close wings
with bearing*
петля разборная 2 части
под сварку с подшипником



cod.	mm.	pz/pcs	A	L
150.90	90	12	40	94
150.180	180	6	85	185

art. 155

Cerniera per cancelli 3 ali chiuse
con rondelle ottone
*Large hinge with 3 close wings
with brass washer*
петля разборная 3 части
под сварку с латунной шайбой

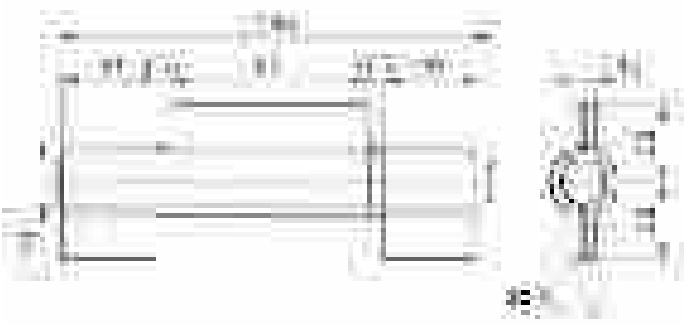


cod.	mm.	pz/pcs
155.180	180	6



art. 160

Cerniera per cancelli 3 ali chiuse
con cuscinetti
*Large hinge with 3 close
wings with bearing*
петля разборная 3 части
под сварку с подшипником



cod.	mm.	pz/pcs
160.180	180	6

art. 165

Cerniera per cancelli 4 ali chiuse
con rondelle ottone
*Large hinge with 4 close wings
with brass washer*
петля разборная 4 части
под сварку с латунной шайбой



cod.	mm.	pz/pcs
165.180	180	6

art. 170

Cerniera per cancelli 4 ali chiuse
con perno e cuscinetti
*Large hinge with 4 close wings
with bearing*
петля разборная 4 части
под сварку с подшипником

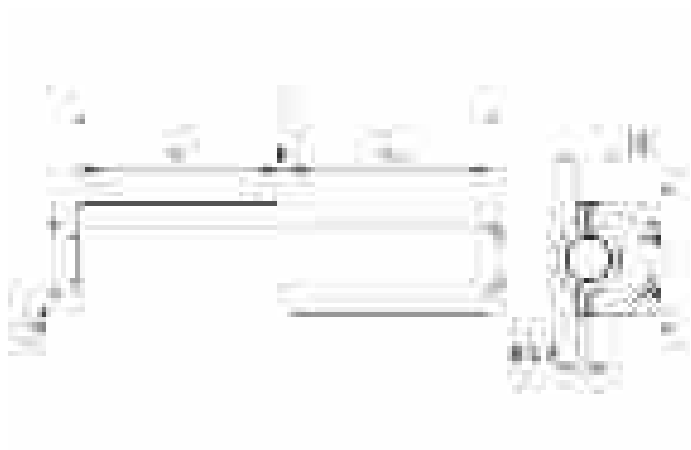


cod.	mm.	pz/pcs
170.180	180	6



art. 175

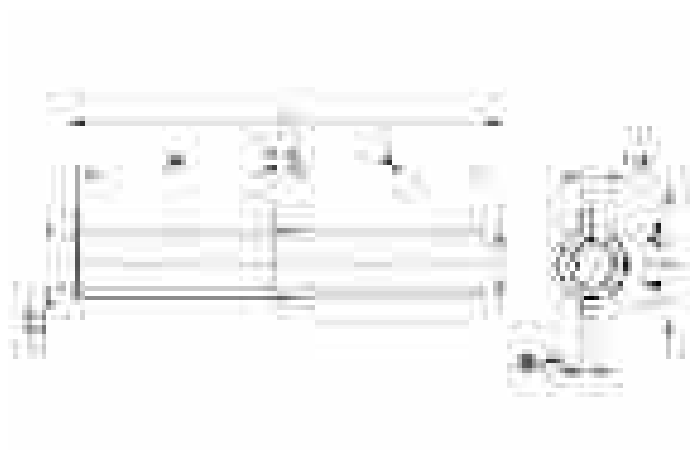
Cerniera per cancelli 2 ali corte
con rondella ottone
*Large hinge with 2 short wings
with brass washer*
петля разборная 2 части под
сварку с латунной шайбой



cod.	mm.	pz/pcs	A	L
175.90	90	12	40	94
175.180	180	6	85	185

art. 180

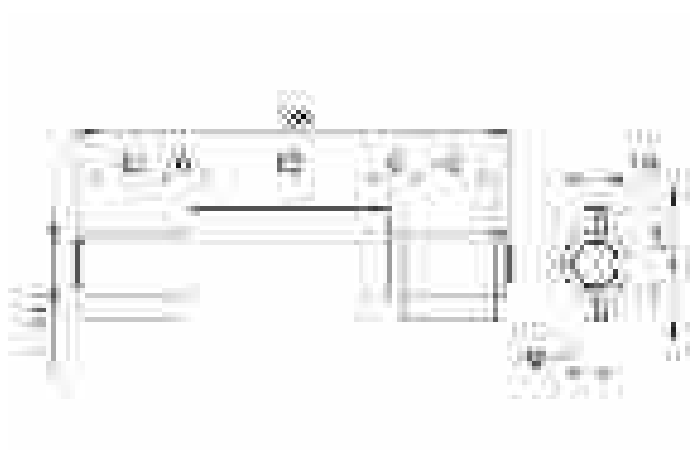
Cerniera per cancelli 2 ali corte con cuscinetto
Large hinge with 2 short wings with bearing
петля разборная 2 части
под сварку с подшипником



cod.	mm.	pz/pcs	A	L
180.90	90	12	40	94
180.180	180	6	85	185

art. 185

Cerniera per cancelli 3 ali corte
con rondelle ottone
*Large hinge with 3 short wings
with brass washer*
петля разборная 3 части
под сварку с латунной шайбой

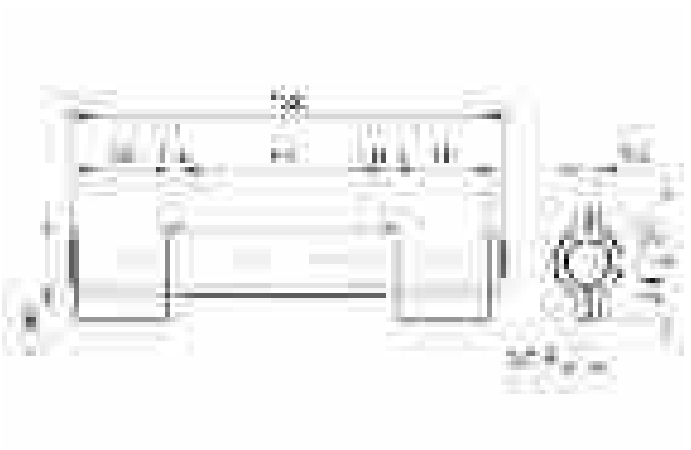


cod.	mm.	pz/pcs
185.180	180	6



art. 190

Cerniera per cancelli 3 ali corte
con cuscinetti
*Large hinge with 3 short wings
with bearing*
петля разборная 3 части
под сварку с подшипником



cod.	mm.	pz/pcs
190.180	180	6

art. 195

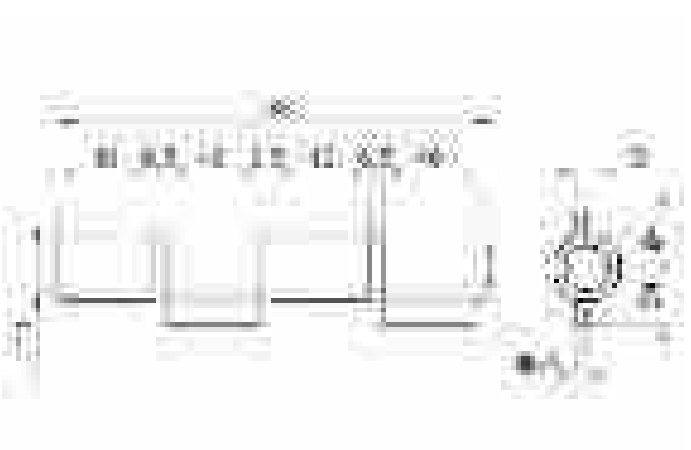
Cerniera per cancelli 4 ali corte
con rondelle ottone
*Large hinge with 4 short wings
with brass washer*
петля разборная 4 части
под сварку с латунной шайбой



cod.	mm.	pz/pcs
195.180	180	6

art. 200

Cerniera per cancelli 4 ali corte
con cuscinetti
*Large hinge with 4 short wings
with bearing*
петля разборная 4 части
под сварку с подшипником

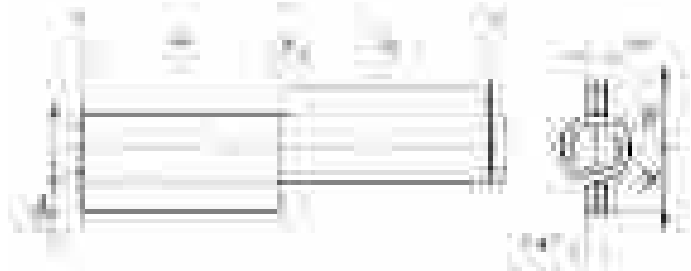


cod.	mm.	pz/pcs
200.180	180	6



art. 201

Cerniera gigante 2 ali con rondella
Large hinge with 2 wings with
extractable \varnothing 24 pin
петля разборная 2 части
под сварку с латунной шайбой



cod.	mm.	pz/pcs	A	L
201.200	200	6	95	208
201.300	300	2	145	308

art. 202

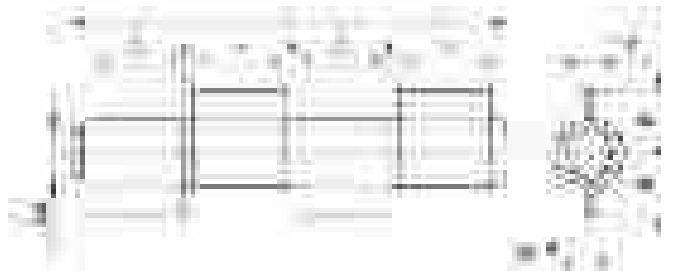
Cerniera gigante 3 ali con rondelle
Large hinge with 3 wings with
extractable \varnothing 24 pin
петля разборная 3 части
под сварку с латунной шайбой



cod.	mm.	pz/pcs	A	B	L
202.200	200	6	44	95	208
202.300	300	2	69	145	308

art. 203

Cerniera gigante 4 ali con rondelle
Large hinge with 4 wings with
extractable \varnothing 24 pin
петля разборная 4 части
под сварку с латунной шайбой

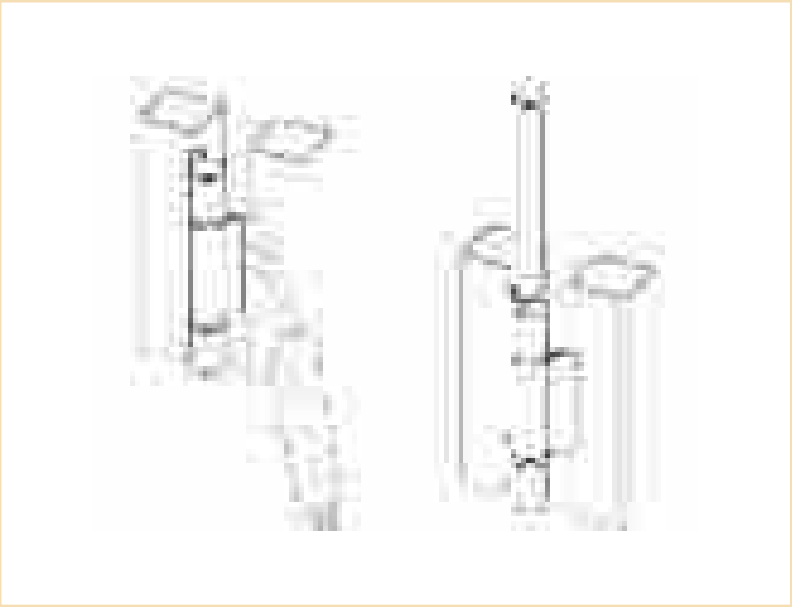
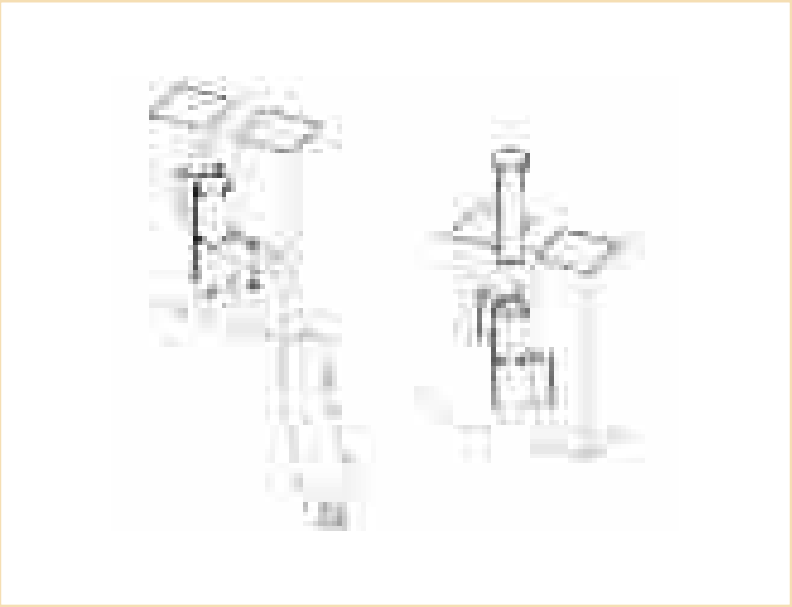


cod.	mm.	pz/pcs	A	L
203.200	200	6	44	208
203.300	300	2	69	308



APPLICATIVI

Applications



LEGENDA SIMBOLI

Symbol description



COMPONENTE DA SALDARE_COMPONENTS REQUIRING WELDING

- Realizzare una saldatura di dimensioni adatte a supportare le forze in gioco e con materiale d'apporto idoneo.
- Rinforzare adeguatamente le zone d'attacco all'anta e/o alla struttura / telaio.
- The weld must be adequately sized to support the applied forces and with suitable electrode material.
- Adequately strengthen the areas anchoring the door and/or structure / frame.



CUSCINETTO REGGISPINTA_THRUST BEARING

- Carico assiale max. e manutenzione, vedi pag 24
- Lubrificare prima dell'installazione. Usare grasso che supporti le condizioni ambientali, evitare grassi che tendono ad essiccarsi rapidamente.
- For max axial load and maintenance, see page 24
- Lubricate before installation. Use grease suited to the ambient conditions, avoid grease that tends to dry rapidly.



RONDELLA ACCIAIO_STEEL WASHER

- Lubrificare prima dell'installazione. Usare grasso che supporti le condizioni ambientali, evitare grassi che tendono ad essiccarsi rapidamente.
- Lubricate before installation. Use grease suited to the ambient conditions, avoid grease that tends to dry rapidly.



RONDELLA OTTONE_BRASS WASHER

- Lubrificare prima dell'installazione. Usare grasso che supporti le condizioni ambientali, evitare grassi che tendono ad essiccarsi rapidamente.
- Lubricate before installation. Use grease suited to the ambient conditions, avoid grease that tends to dry rapidly.



PERNO ACCIAIO_STEEL PIN

- Lubrificare prima dell'installazione. Usare grasso che supporti le condizioni ambientali, evitare grassi che tendono ad essiccarsi rapidamente.
- Lubricate before installation. Use grease suited to the ambient conditions, avoid grease that tends to dry rapidly.



PERNO OTTONE_BRASS PIN

- Lubrificare prima dell'installazione. Usare grasso che supporti le condizioni ambientali, evitare grassi che tendono ad essiccarsi rapidamente.
- Lubricate before installation. Use grease suited to the ambient conditions, avoid grease that tends to dry rapidly.



**SISTEMA
AUTOPORTANTE**
Cantilever
Gates
System

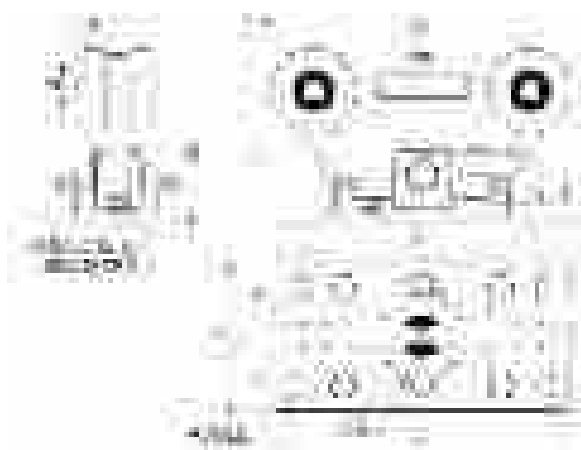
VERSATILITY



art. **395**

Carrello di guida 5 ruote
5 wheels cantilver gate carriage
тележка

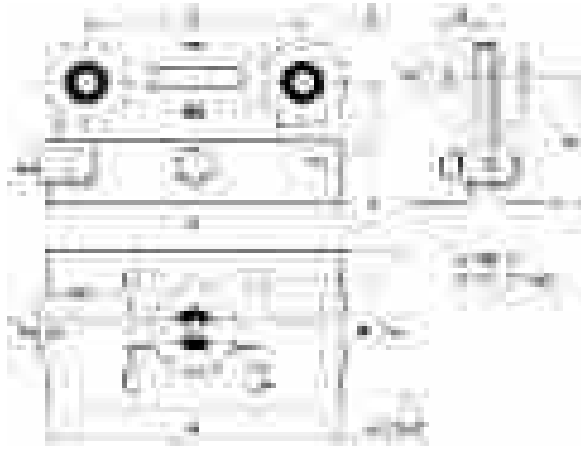
Versione Inox/Stainless Steel pag.184



cod.	mm.	pz/ pcs	A	B	C	ØD	E	F	G	H	S	asole	viti	bullone
395.P	PICCOLO	1	180	150	135	Ø59	125	100	100	100	15	n.4 18x25	-	M8
395.M	MEDIO	1	300	150	220	Ø86	250	100	140	135	20	n.6 18x25	M16x35	M12
395.G	GRANDE	1	500	200	380	Ø126	440	150	202	197	30	n.6 22x30	M16x35	M12

art. **395 EKHO**

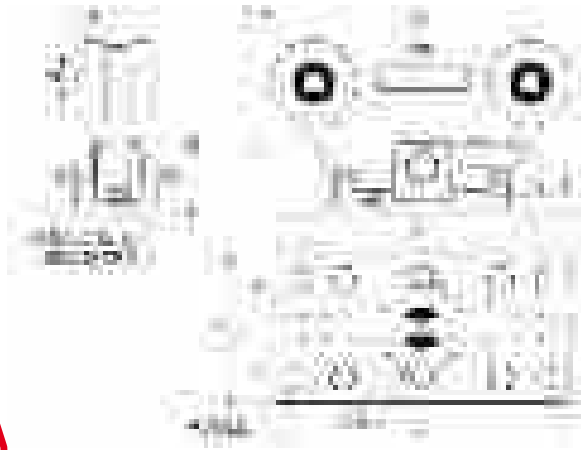
Carrello di guida 5 ruote
5 wheels ekho cantilver gate carriage
тележка ekho



cod.	mm.	pz/ pcs	A	B	C	ØD	E	F	G	H	S	asole	vite
395EKHO.P	PICCOLO	1	180	165	135	Ø59	125	100	91	91	15	n.4 18x25	M8
395EKHO.M	MEDIO	1	298	160	220	Ø86	125	100	134	129	20	n.4 18x25	M8

art. **395 NY**

Carrello di guida 5 ruote nylon
5 wheels nylon cantilver gate carriage
тележка

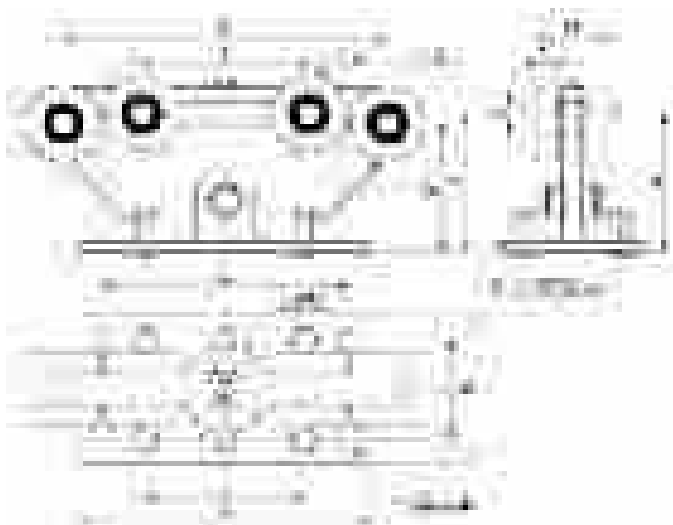


cod.	mm.	pz/ pcs	A	B	C	ØD	E	F	G	H	S	asole	viti	bullone
395NY.P	PICCOLO	1	180	150	135	Ø59	125	100	100	100	15	n.4 18x25	-	M8
395NY.M	MEDIO	1	300	150	220	Ø86	250	100	140	135	20	n.6 18x25	M16x35	M12
395NY.G	GRANDE	1	500	200	380	Ø126	440	150	202	197	30	n.6 22x30	M16x35	M12

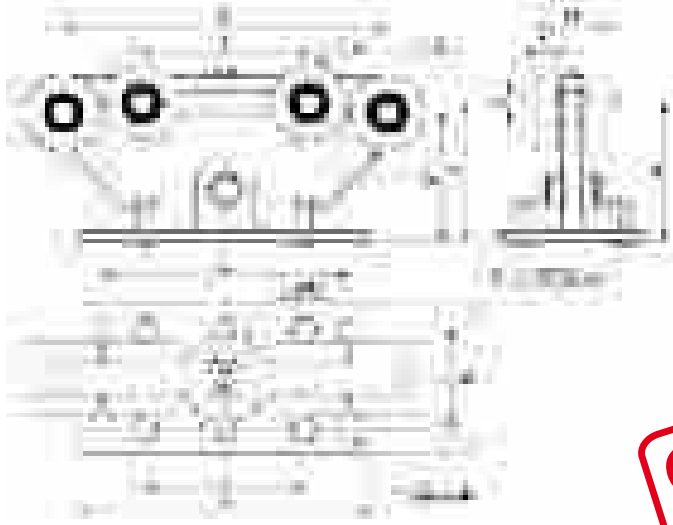


art. **9999**

Carrello di guida 9 ruote
9 wheels cantilver gate carriage
тележка с 9 роликами



cod.	mm.	pz/pcs	A	B	C	ØD	ØDC	E	F	G	H	I	L	M	N	S	asole	viti
9999.M	MEDIO	1	300	150	330	Ø77	Ø86	250	100	140	139,5	170	160	129,5	71,5	20	n.6 18x25	n.4 M16x35
9999.G	GRANDE	1	500	200	500	Ø117	Ø126	440	150	202	201,5	260	320	191,5	108,5	30	n.6 22x30	n.4 M16x35



COMING SOON!



art. **9999 NY**

Carrello di guida 9 ruote nylon
9 wheels nylon cantilver gate carriage
тележка с 9 роликами

cod.	mm.	pz/pcs	A	B	C	ØD	ØDC	E	F	G	H	I	L	M	N	S	asole	viti
9999NY.M	MEDIO	1	300	150	330	Ø77	Ø86	250	100	140	139,5	170	160	129,5	71,5	20	n.6 18x25	n.4 M16x35
9999NY.G	GRANDE	1	500	200	500	Ø117	Ø126	440	150	202	201,5	260	320	191,5	108,5	30	n.6 22x30	n.4 M16x35

art. **395 DIMA**

Dima di posizionamento
Positioning tie rods
template and carriages fixing
шаблон для установки анкеров



cod.	mm.	pz/pcs
395DIMA	UNICA	1

art. **395 PST**

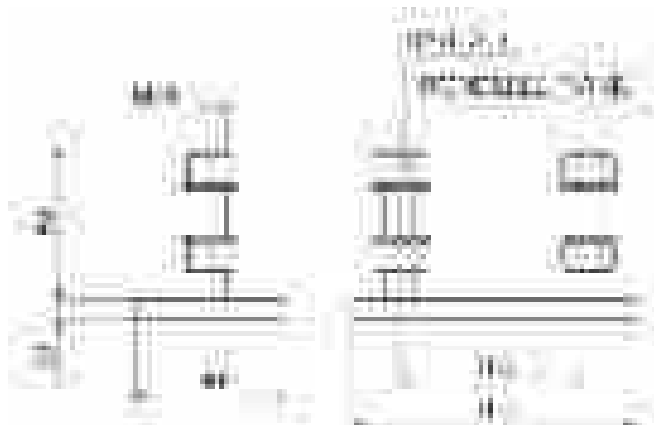
Maschera di posizionamento
Adjustable plate
регулирующая пластина



cod.	mm.	pz/pcs	A	B	C	E	F	sp	asole
395PST.M	MEDIA	-	300	150	100	250	55	10	n.6 18x25
395PST.G	GRANDE	-	500	200	150	440	110	15	n.6 22x30

art. **395 RUS**

Piastra di regolazione
Adjustable plate
Регулировочная пластина

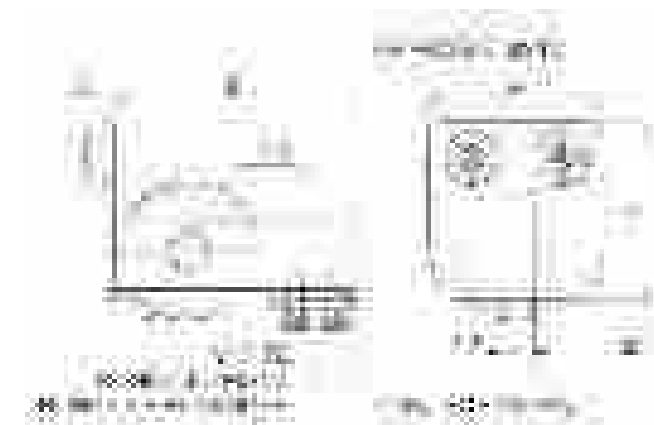


cod.	mm.	pz/pcs
395RUS.P	PICCOLA	4

art. **396**

Ruota d'estremità
End guide wheel
концевой ролик

Versione Inox/Stainless Steel pag.184



cod.	mm.	pz/pcs	A	B	C	ØD	E	H	sp	viti	contropiastra	paracolpi
396.P	PICCOLA	2	67	67	4	Ø67	120	14,5	15	M8	50x46 sp.5	1
396.M	MEDIA	2	98	98	4	Ø77	135	12	20	M8	50x46 sp.5	2
396.G	GRANDE	2	140	140	5	Ø97	165	13,5	30	M10	90x60 sp.6	2

art. **396 R**

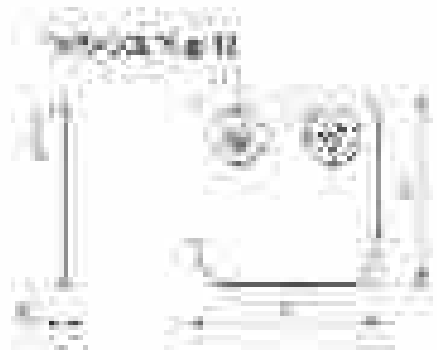
Terminale d'estremità a fissare
End guide without wheel
заглушка под болт



cod.	mm.	pz/pcs	A	B	C	E	paracolpi	contropiastra	viti
396R.P	PICCOLO	1	67	67	4	120	1	50x46 sp.5	M8
396R.M	MEDIO	2	98	98	4	135	2	50x46 sp.5	M8
396R.G	GRANDE	2	140	140	5	165	2	90x60 sp.6	M10

art. **396 T**

Terminale d'estremità a saldare
End stopper to be welding
заглушка под сварку

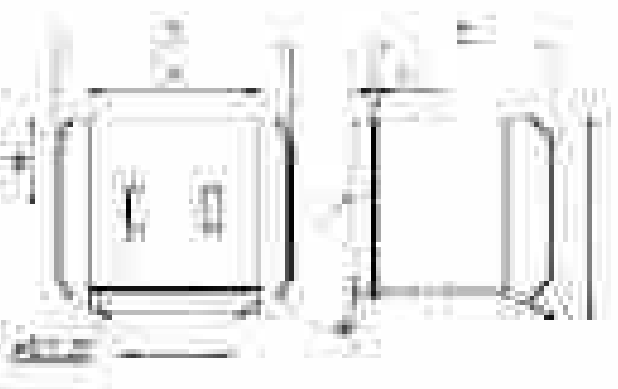
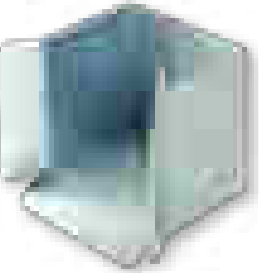


cod.	mm.	pz/pcs	A	B	C	paracolpi
396T.P	PICCOLO	10	67	67	4	1
396T.M	MEDIO	10	98	98	4	2
396T.G	GRANDE	8	140	140	5	2

art. **397**

Battente laterale
End stop
улавливатель концевой ролика

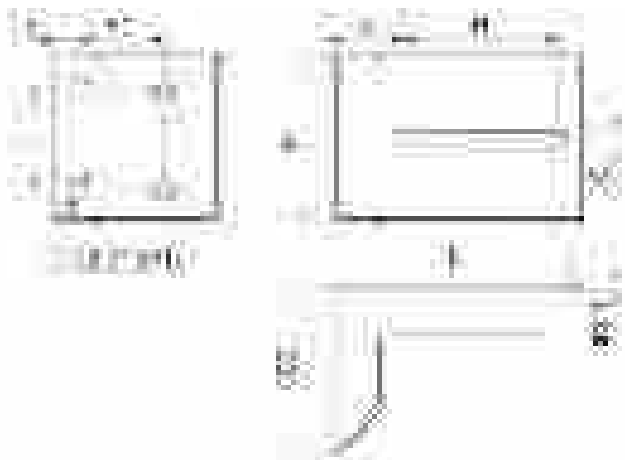
Versione Inox/Stainless Steel pag.184



cod.	mm.	pz/pcs	A	B	C	D	E	sp	I	H	asole
397.P	PICCOLO	2	81	115	77	95	104	2,7	38	40	11x30
397.M	MEDIO	2	113	154	112	133	119	4	50	60	11x30
397.G	GRANDE	2	154	203	155	180	140	5	75	82	13x35

art. **397** STF

Staffa di fissaggio a muro
regolabile battente laterale
Adjustable angle racket for end stop
кронштейн улавливателя



cod.	mm.	pz/pcs	L	H	A	B	C	I
397STF.150	150	2	150	100	44,5	91	11	70
397STF.210	210	2	210	150	72	116	13	90

art. **398**

Tirante di ancoraggio per carrelli di guida
Fixing bolt
шпилька закладная в фундамент

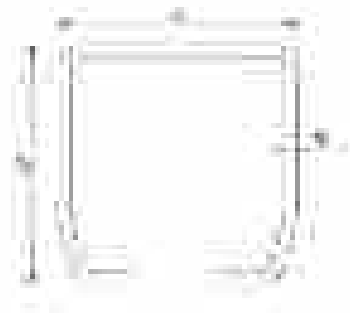


cod.	mm.	pz/pcs	A	L	H	x carrello
398.16	M16	8	65	370	90	PICCOLO - MEDIO
398.20	M20	6	80	400	120	GRANDE

art. **399**

Binario per carrelli di guida
Cantilever gate track
рельс направляющий

Versione Inox/Stainless Steel pag.185



cod.	cod. zincato	mm.	pz/pcs	A	B	sp.	lunghezza
399.P3-sp3	399Z.P3-sp3	PICCOLO	1	67	67	3	3 m
399.P6-sp3	399Z.P6-sp3	PICCOLO	1	67	67	3	6 m
399.P3-sp4	399Z.P3-sp4	PICCOLO	1	67	67	4	3 m
399.P6-sp4	399Z.P6-sp4	PICCOLO	1	67	67	4	6 m
399.M3	399Z.M3	MEDIO	1	98	98	5	3 m
399.M6	399Z.M6	MEDIO	1	98	98	5	6 m
399.G3	399Z.G3	GRANDE	1	140	140	6	3 m
399.G6	399Z.G6	GRANDE	1	140	140	6	6 m

art. **462**

Piastra guida regolabile 4 olive nylon
Adjustable upper guide bracket 4 guide rollers
направляющая верхняя
регулируемая 4 ролика

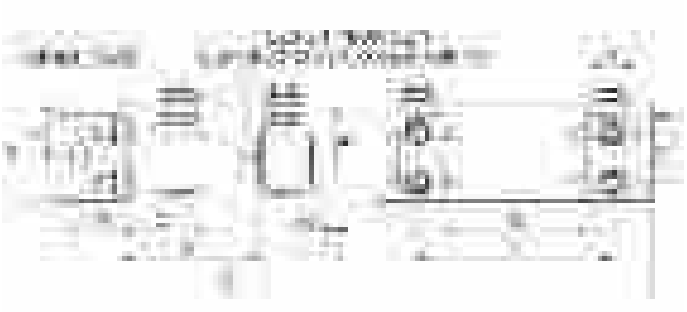
Versione Inox/Stainless Steel pag.190



cod.	mm.	pz/pcs	A	B	C	E	F	G	H	asole	L	sp	I	M	olive
462.P	PICCOLA	6	43-86	93-156	149-197	76	54	91	21	11x54	220	3	155	M14	Ø30x40
462.M	MEDIA	4	47-90	89-151	149-197	76	54	91	21	11x54	220	3	155	M16	Ø40x45
462.G	GRANDE	2	49-91	110-195	200-243	81	74	157	26	11x63	350	4	285	M16	Ø40x60

art. **462** STF

Piastra guida regolabile 4 olive nylon con staffe
Adjustable upper guide bracket 4 guide rollers,
with bracket to be fixed
направляющая верхняя регулируемая
4 ролика с креплением



cod.	mm.	pz/pcs	olive	M	A	B	C	D	E	F	G	H	L	sp	I
462STF.P	PICCOLA	6	Ø30x40	M14	45-86	93-156	151-197	43	76	54	70-140	21	220	3	155
462STF.M	MEDIA	4	Ø40x45	M16	52-90	89-151	154-197	43	76	54	70-140	21	220	3	155
462STF.G	GRANDE	2	Ø40x60	M16	53-91	114-195	204-243	46	81	74	140-220	26	350	4	285

art. **463**

Piastra guida regolabile pesante 4 olive nylon
Adjustable heavy upper
guide bracket 4 guide rollers.
направляющая верхняя усиленная
4 ролика в кожухах



cod.	mm.	pz/pcs
463	UNICA	1

art. **463** STF

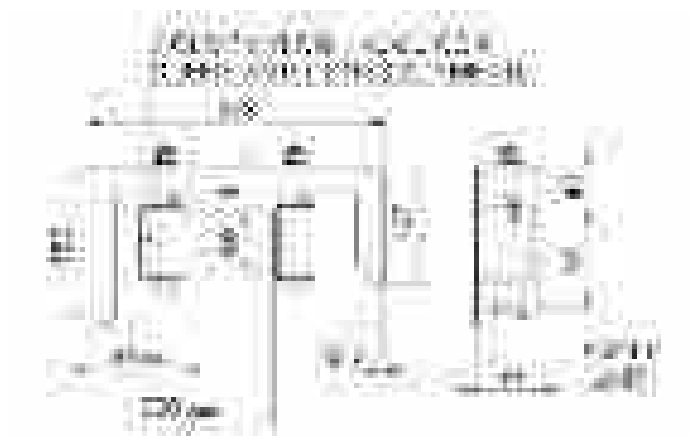
Piastra guida regolabile pesante
4 olive nylon con staffe
*Adjustable heavy upper guide bracket
4 guide rollers, with bracket to be fixed*
направляющая верхняя регулируемая
4 ролика с креплением, усиленная



cod.	mm.	pz/pcs
463STF	UNICA	1

art. **464**

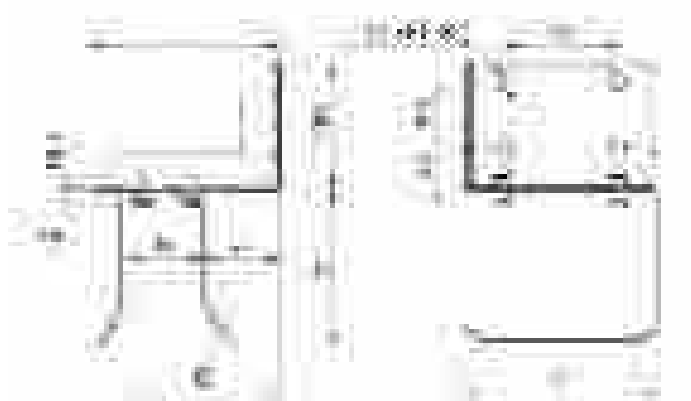
Piastra guida regolabile pesante 2 olive nylon
*Adjustable heavy upper guide bracket
2 guide rollers*
направляющая верхняя усиленная
2 ролика в кожухах



cod.	mm.	pz/pcs
464	UNICA	2

art. **465**

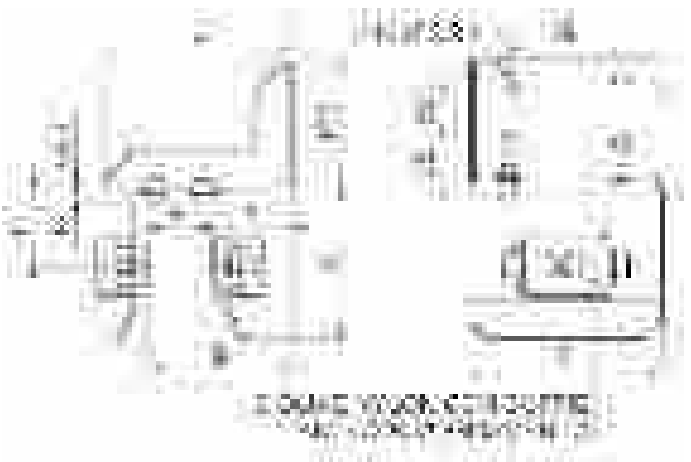
Incontro superiore universale
regolabile con staffa
Adjustable end cup to be fixed
улавливатель створки оцинкованный



cod.	mm.	pz/pcs	A	B	E	F	G	L	R	bulloni
465.P	PICCOLO	2	36-104	76-144	105	80	40	150	40-108	M8
465.M	MEDIO	2	36-104	76-144	120	154	90	150	40-108	M8
465.G	GRANDE	2	56-184	96-224	120	154	90	230	40-168	M8

art. **467**

Incontro superiore universale
regolabile con staffa 2 olive nylon
Adjustable end cup 2 guide rollers to be fixed
улавливатель створки
оцинкованный с роликами



cod.	mm.	pz/pcs	olive	A	B	C	E	F	G	L	R	bulloni
467.P	PICCOLO	2	Ø40x45	41-109	71-139	54	105	80	40	150	30-98	M8
467.M	MEDIO	2	Ø40x60	41-109	71-139	62	120	154	90	150	30-98	M8
467.G	GRANDE	2	Ø40x60	61-189	91-219	62	120	154	90	230	30-158	M8

art. **468**

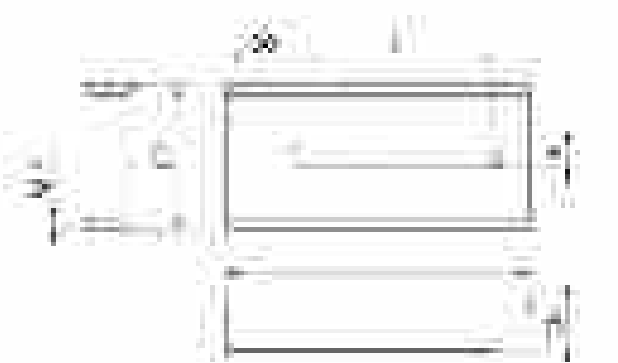
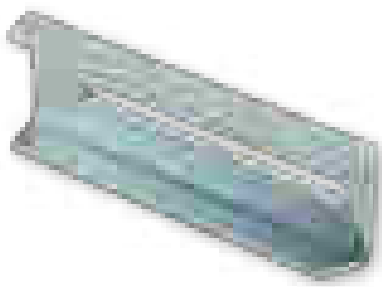
Incontro superiore regolabile anti-sollevamento
Adjustable upper end
улавливатель створки верхний



cod.	mm.	pz/pcs	A	B	C	I	L
468.40	TUB. 40	2	50	55	78	22	74
468.50	TUB. 50	2	60	65	88	30	84
468.60	TUB. 60	2	70	75	98	30	94

art. **468 s**

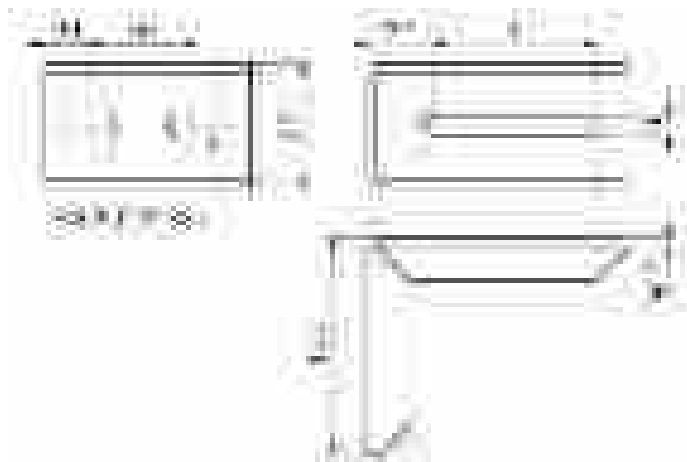
Staffa di fissaggio a saldare x art.468
Fixing bracket to be welded for art.468
установочная пластка под
сварку для улавливателя



cod.	mm.	pz/pcs	I	L
468S.120	120	2	75	120
468S.155	155	2	110	155

art. **468** STF

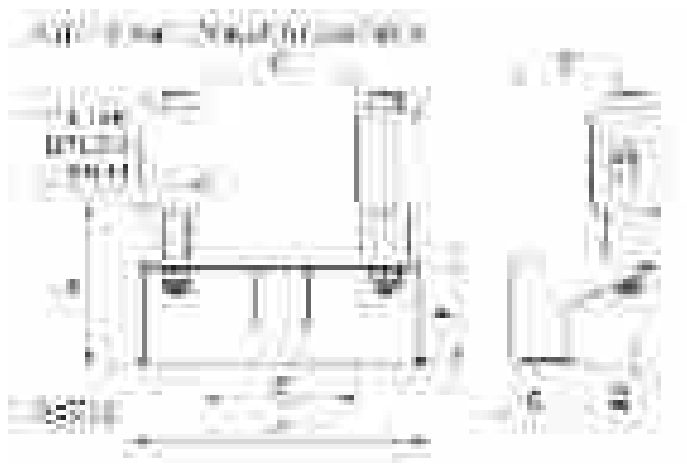
Staffa di fissaggio a fissare x art.468
Fixing bracket to be fixed for art.468
установочная пластлка
для улавливателя



cod.	mm.	pz/pcs	I	L
468STF.120	120	2	75	120
468STF.155	155	2	110	155

art. **470**

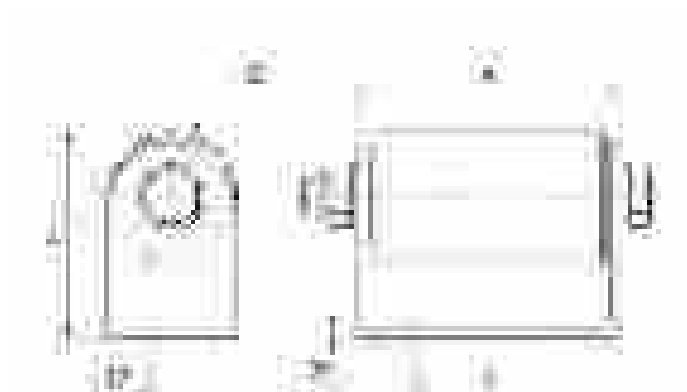
Guida inferiore regolabile
Adjustable bottom guide for art.399 track
упор внешний на тележку для
направляющего рельса



cod.	mm.	pz/pcs	A	B	C	E	F	H	R	sp	asole	x 399
470.P	PICCOLA	2	160	100	25	56	46	62	63-74	4	18x25	piccolo
470.M	MEDIA	2	190	100	32	76	69	104	94-105	5	18x25	medio
470.G	GRANDE	2	230	150	38	82	96	156	136-147	8	22x30	grande

art. **471**

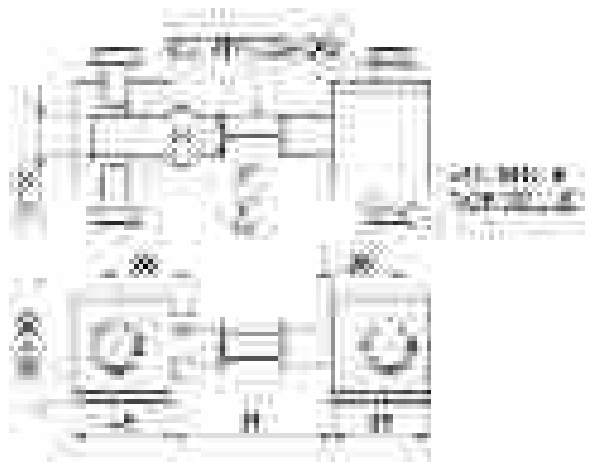
Supporto intermedio con oliva nylon
Intermediate support with nylon roller
ролик опорный



cod.	mm.	pz/pcs	A	ØD	H	I	sp
471.P	PICCOLO	2	122	Ø60	95	70	5
471.G	GRANDE	2	174	Ø80	120	110	6

art. **472**

Tirante regolabile
Tension bar for gate regulation
стяжка для створки



cod.	mm.	pz/pcs	R
472.60	tub. 60	2	50 - 100

art. **457**

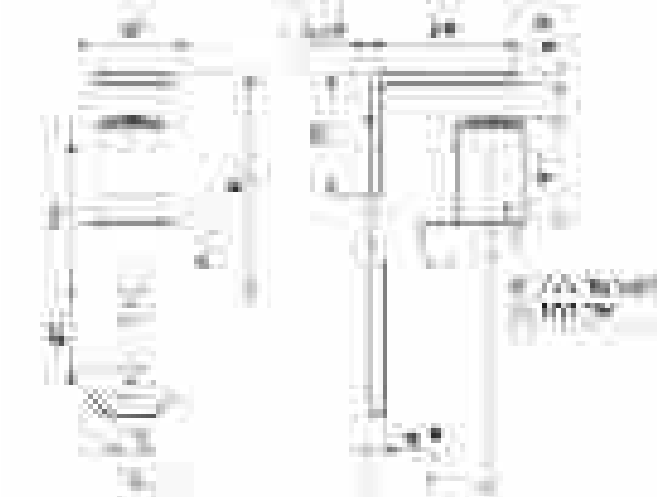
Piastra guida anti-deragliamento regolabile
*Adjustable side guide bracket with
guide roller- for internal guide*
упор боковой с роликом
регулируемый внешний



cod.	mm.	pz/pcs	L	R
457.140	140	2	155 - 205	113 - 163
457.190	190	2	205 - 255	163 - 213

art. **458**

Piastra guida anti-deragliamento regolabile
*Adjustable side guide bracket with
guide roller - for external guide.*
упор боковой с роликом
регулируемый внешний

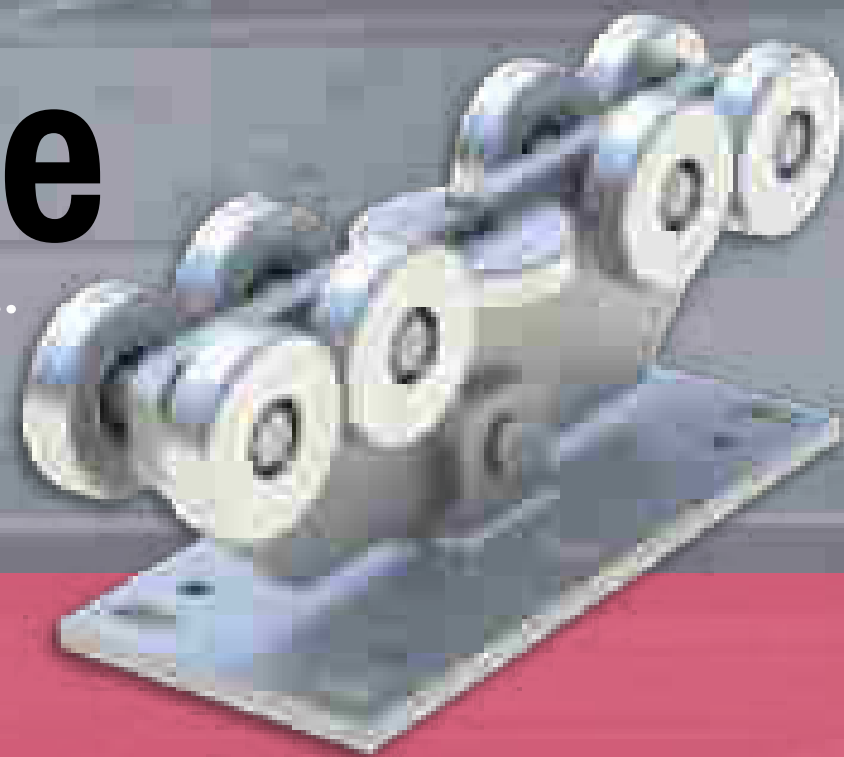


cod.	mm.	pz/pcs	A	B	R
458	UNICA	2	43 - 52	120 - 140	60 - 90

9999 Extreme

APPLICAZIONE PER SISTEMI
SUPERIORI A KG. 2.000

per ulteriori informazioni: comunicazioni@combiaraldo.it



COMING
SOON!



395
Smile



COMPONENTE DA SALDARE_COMPONENTS REQUIRING WELDING

- Realizzare una saldatura di dimensioni adatte a supportare le forze in gioco e con materiale d'apporto idoneo.
- Rinforzare adeguatamente le zone d'attacco all'anta e/o alla struttura / telaio.
- The weld must be adequately sized to support the applied forces and with suitable electrode material.
- Adequately strengthen the areas anchoring the door and/or structure / frame.



COMPONENTE DA FISSARE_COMPONENTS REQUIRING SCREW MOUNTING

- Fissare con tasselli / bulloni di dimensioni adatte a supportare le forze in gioco.
- Rinforzare adeguatamente le zone d'attacco all'anta e/o alla struttura / telaio.
- Mount with adequately sized expansion bolts capable of sustaining the applied forces.
- Adequately strengthen the areas anchoring the door and/or structure / frame.



COMPONENTE DA MURARE_COMPONENTS REQUIRING WALLING IN

- Legare / saldare all'armatura della struttura in cemento armato, proteggere i filetti durante la fase di getto.
- Verificare che la struttura sia adatta a supportare le forze in gioco, rinforzare adeguatamente le zone d'attacco.
- Tie / weld to the rods in the armoured concrete structure, protect the threads during casting.
- Ensure that the structure can sustain the applied forces, adequately strengthening the anchor areas.



COMPONENTE REGOLABILE_ADJUSTABLE COMPONENT

- Regolazione effettuabile ad accessorio montato.
- The accessory can be adjusted after installation.



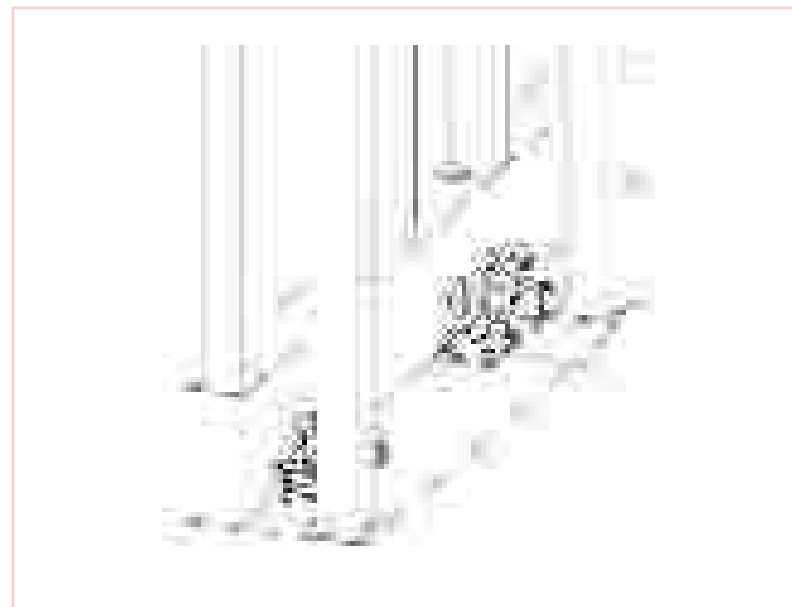
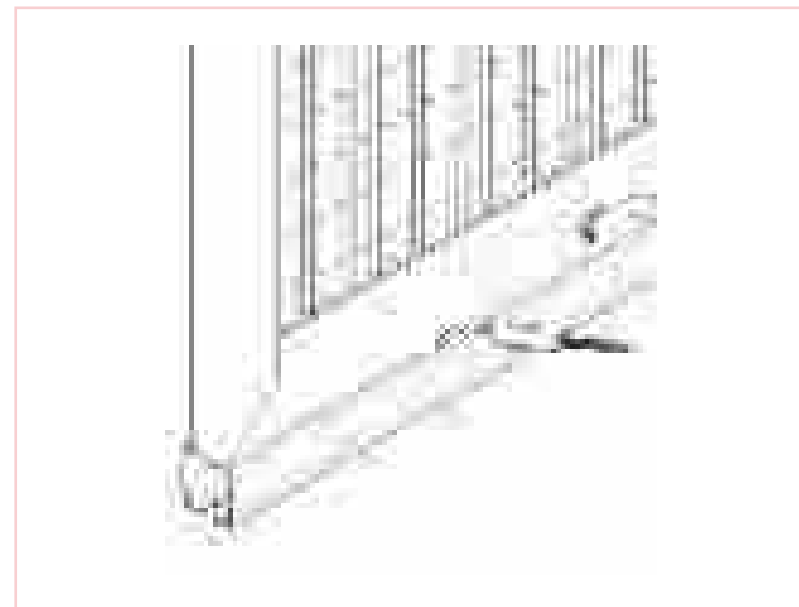
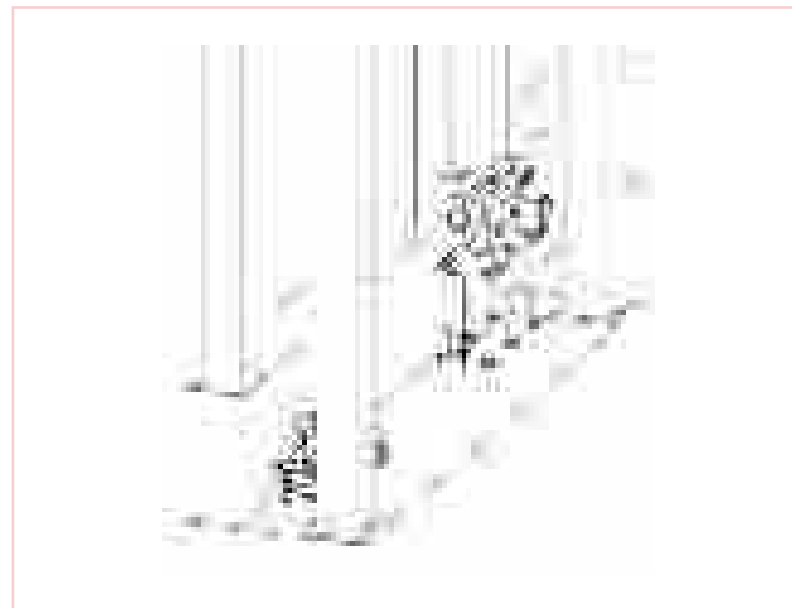
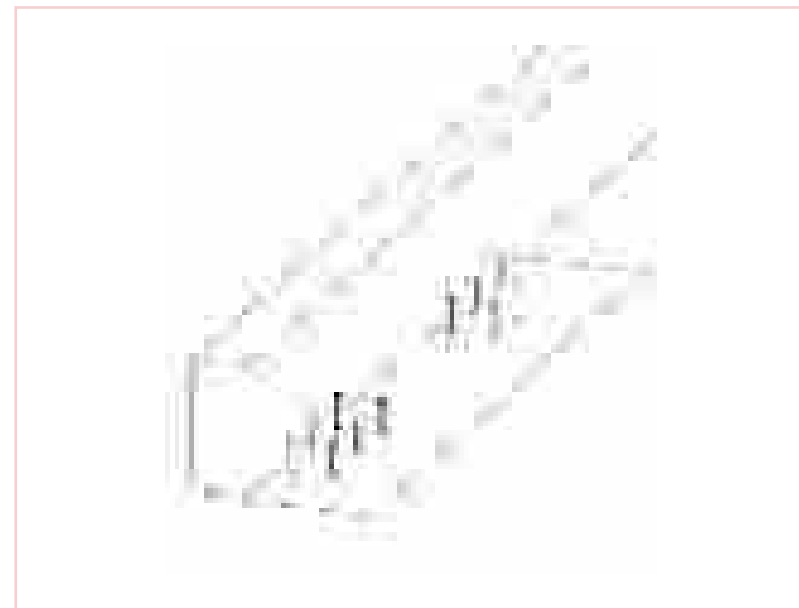
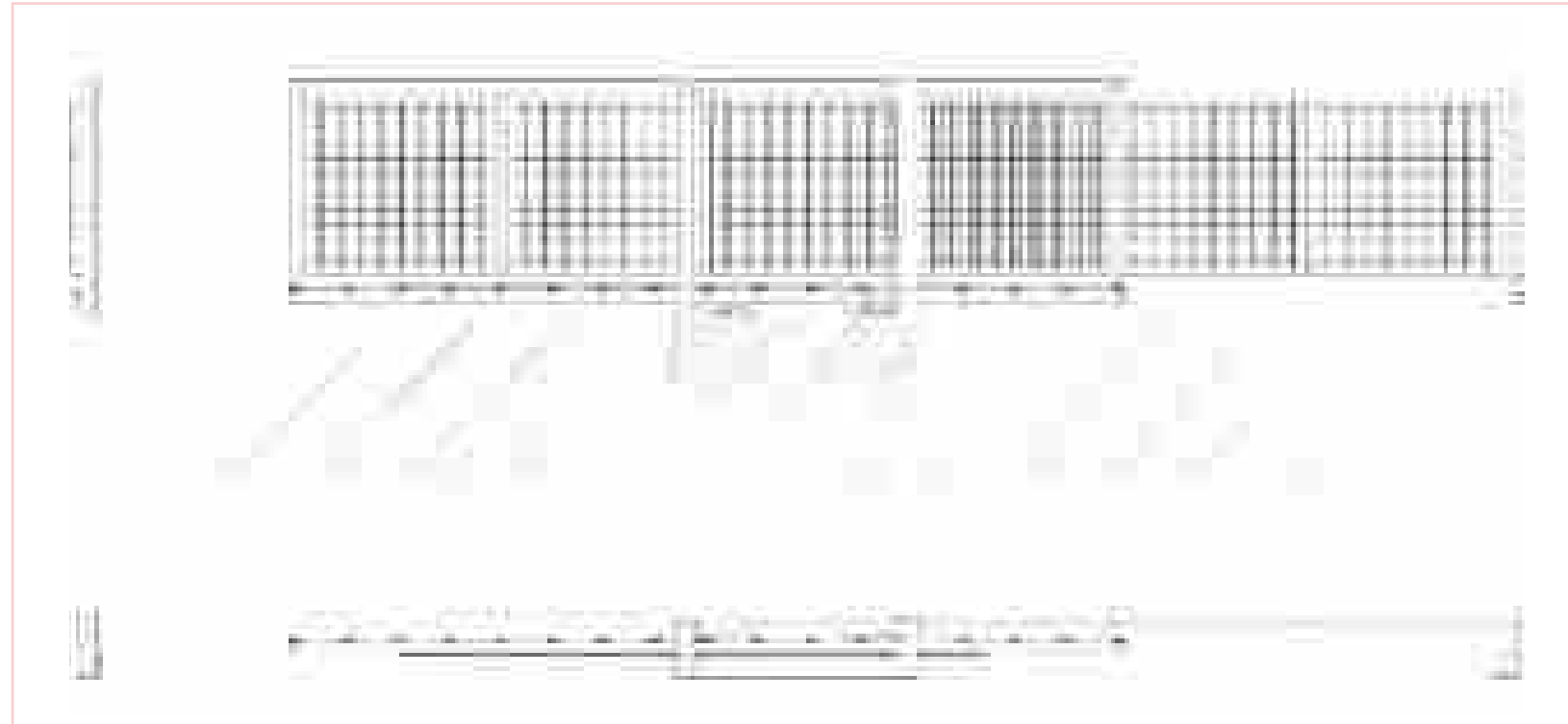
CUSCINETTO A SFERE BALL BEARING

- Cuscinetto radiale ad una corona di sfere con guarnizioni striscianti (2RS).
- Senza manutenzione.
- Single row radial bearing with contact seals (2RS).
- Maintenance-free.

NOTE
Notes

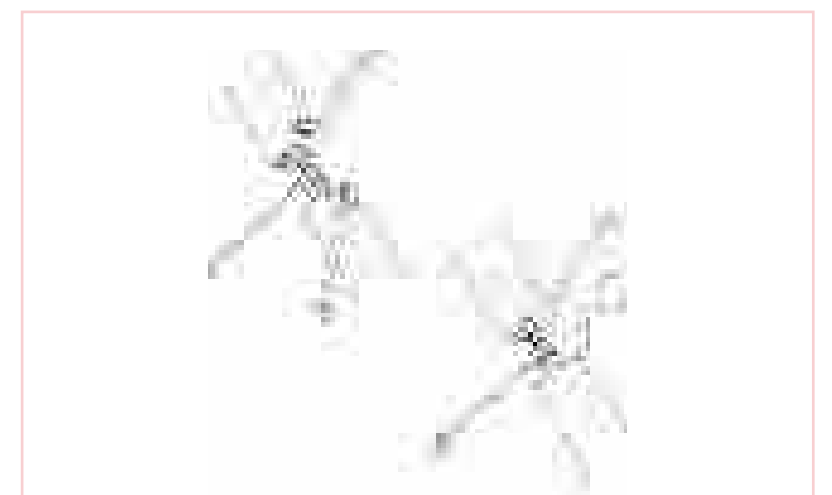
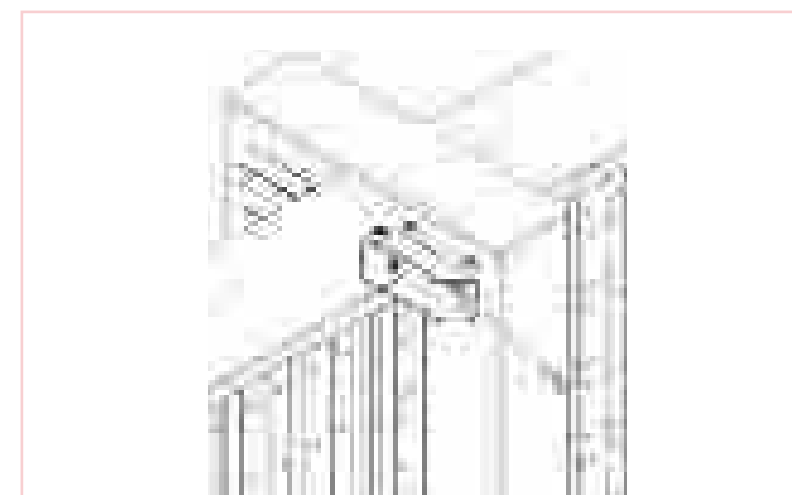
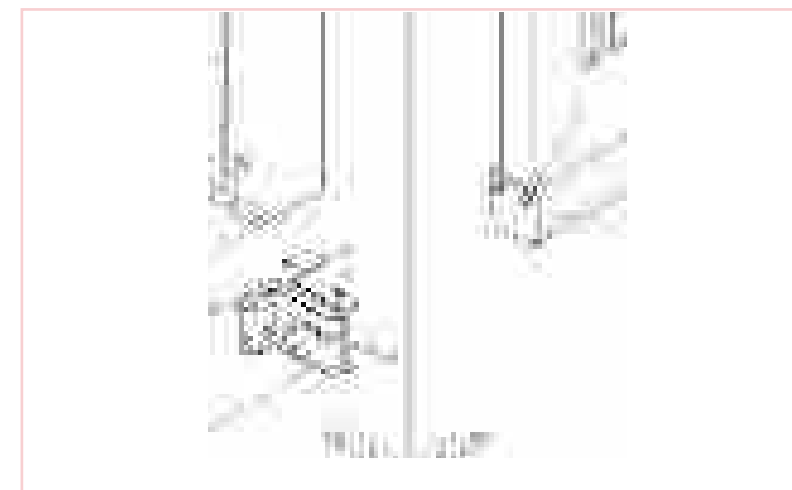
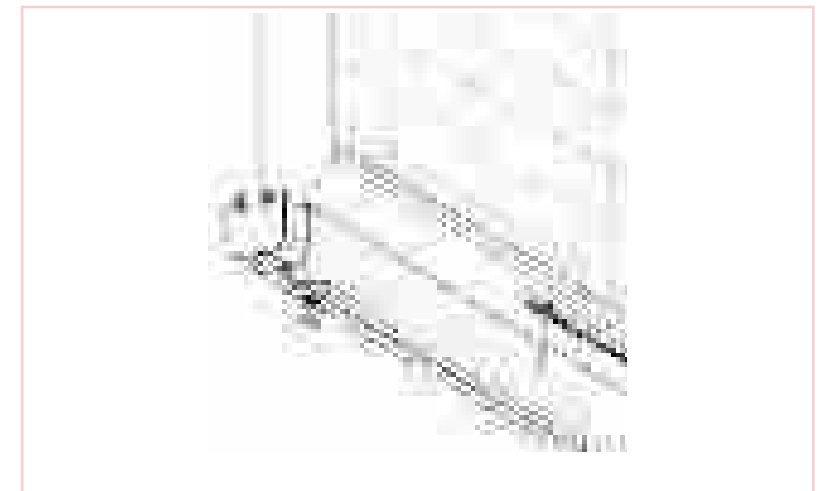
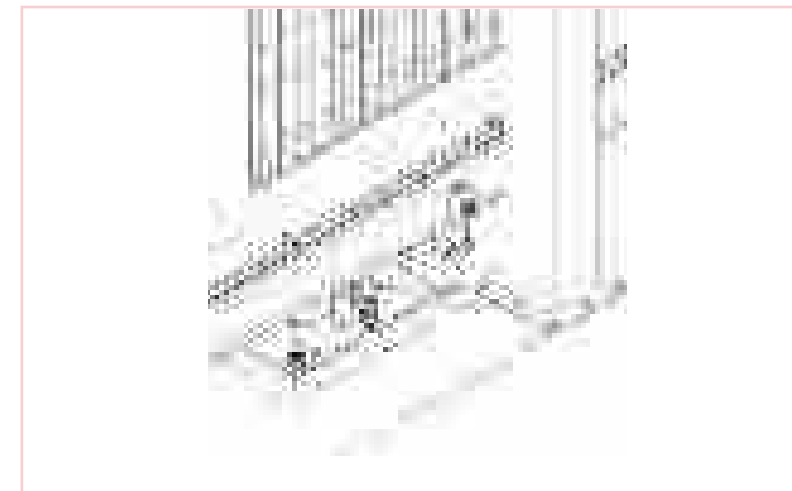
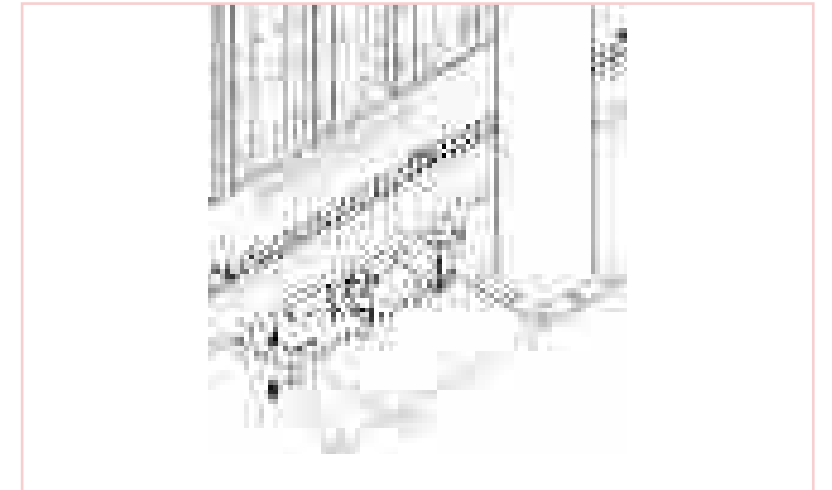
APPLICATIVI

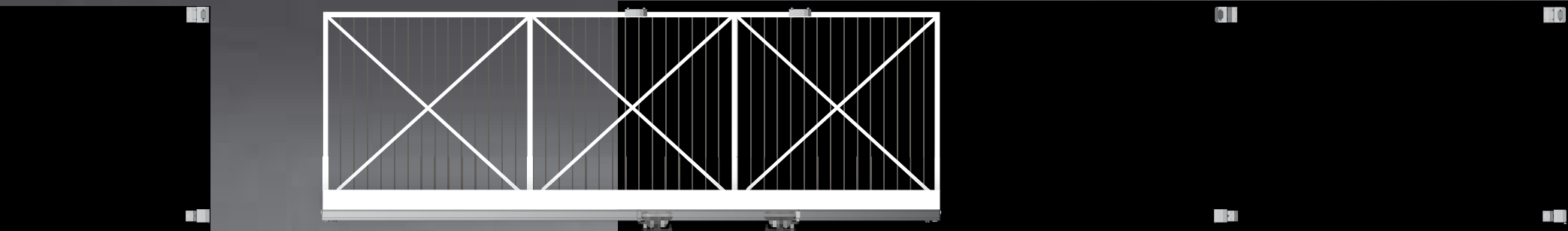
Applications



APPLICATIVI

Applications





www.combiaraldo.it *DO IT* yourself



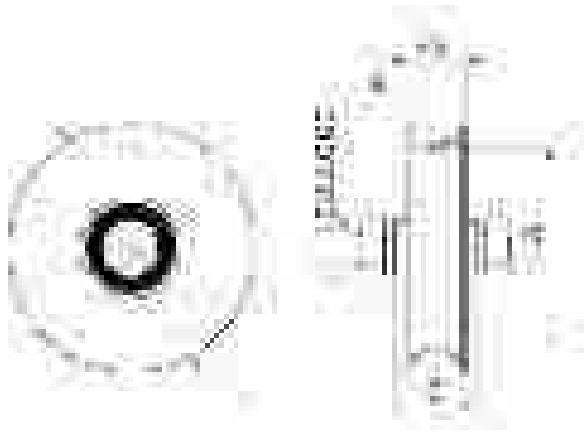
ACCESSORI
CANCELLI
SCORREVOLI
Sliding
Gates
Accessories

DYNAMIC

art. 400

Ruota 1 cuscinetto gola Tonda
Wheel Round groove 1 bearing
колесо круглый вырез
1 подшипник

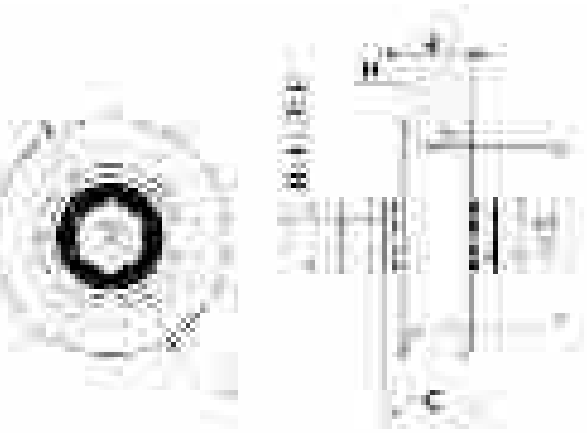
Versione Inox/Stainless Steel pag.185



cod.	Ø	pz/pcs	C	ØG	sp	R	bullone	cusc	binario	portata
400.40	40	12	16	Ø33	12	4,5	M8x30	1	-	60 kg.
400.50	50	12	16	Ø40	13	4,5	M8x30	1	-	80 kg.
400.60	60	12	24	Ø48	17	5,3	M10x45	1	-	100 kg.
400.70	70	6	33	Ø54	20	8,3	M14x70	1	art. 900-902 Ø16	190 kg.
400.80	80	6	33	Ø64	20	8,3	M14x70	1	art. 900-902 Ø16	200 kg.
400.80/20	80/20	6	33	Ø59	24	10,3	M14x70	1	art. 900-902 Ø20	200 kg.
400.90	90	6	33	Ø74	21	8,3	M14x70	1	art. 900-902 Ø16	210 kg.
400.90/20	90/20	6	33	Ø69	24	10,3	M14x70	1	art. 900-902 Ø20	210 kg.
400.100	100	6	33	Ø84	21	8,3	M14x70	1	art. 900-902 Ø16	230 kg.
400.100/20	100/20	6	33	Ø79	24	10,3	M14x70	1	art. 900-902 Ø20	230 kg.
400.120	120	4	33	Ø99	24	10,3	M14x70	1	art. 900-902 Ø20	250 kg.
400.140	140	4	43	Ø117	24	10,3	M16x70	1	art. 900-902 Ø20	280 kg.
400.160	160	2	43	Ø137	25	10,3	M16x70	1	art. 900-902 Ø20	300 kg.
400.200	200	2	43	Ø177	25	10,3	M16x70	1	art. 900-902 Ø20	340 kg.

art. 400 NY

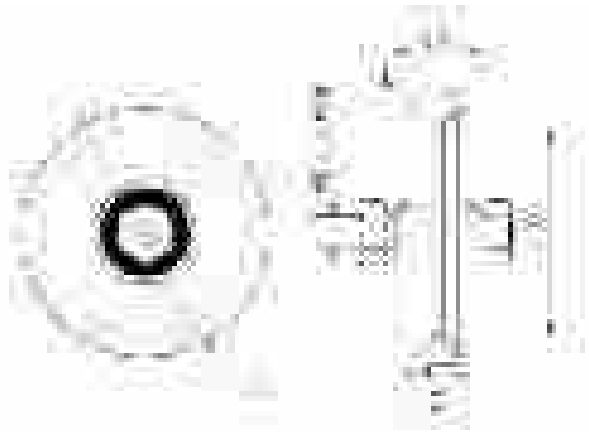
Ruota nylon 1 cuscinetto gola Tonda
Nylon wheel Round groove 1 bearing
колесо круглый вырез 1 подшипник



cod.	Ø	pz/pcs	C	ØG	sp	R	bullone	cusc	binario	portata
400NY.80/20	80/20	6	33	Ø59	24	10,3	M14x70	1	art. 900-902 Ø20	50 kg.

art. 401

Ruota 1 cuscinetto gola Y
Wheel Y groove 1 bearing
колесо у вырез 1 подшипник

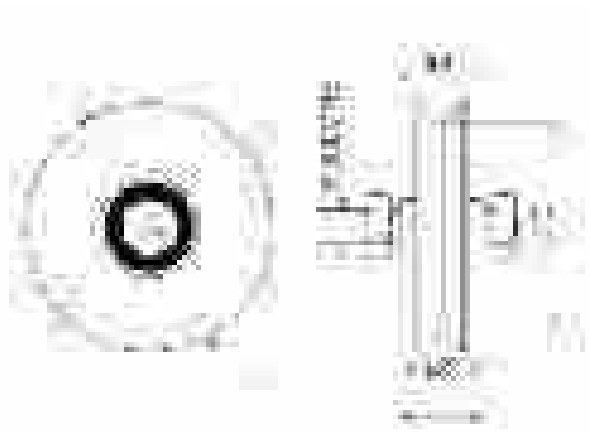


cod.	Ø	pz/pcs	C	ØG	L	sp	bullone	cusc	binario	portata
401.40	40	12	16	Ø33	3	12	M8x30	1	-	60 kg.
401.50	50	12	16	Ø37	4	13	M8x30	1	-	80 kg.
401.60	60	12	24	Ø44	4	17	M10x45	1	-	100 kg.
401.70	70	6	33	Ø50	4	20	M14x70	1	art. 906	190 kg.
401.80	80	6	33	Ø60	4	20	M14x70	1	art. 906	200 kg.
401.90	90	6	33	Ø70	4	21	M14x70	1	art. 906	210 kg.
401.100	100	6	33	Ø80	4	21	M14x70	1	art. 906	230 kg.
401.120	120	4	33	Ø98	4	24	M14x70	1	art. 906	250 kg.
401.140	140	4	43	Ø116	4	24	M16x70	1	art. 906	280 kg.
401.160	160	2	43	Ø136	4	25	M16x70	1	art. 906	300 kg.
401.200	200	2	43	Ø176	4	25	M16x70	1	art. 906	340 kg.

art. 402

Ruota 1 cuscinetto gola V
Wheel V groove 1 bearing
колесо v вырез 1 подшипник

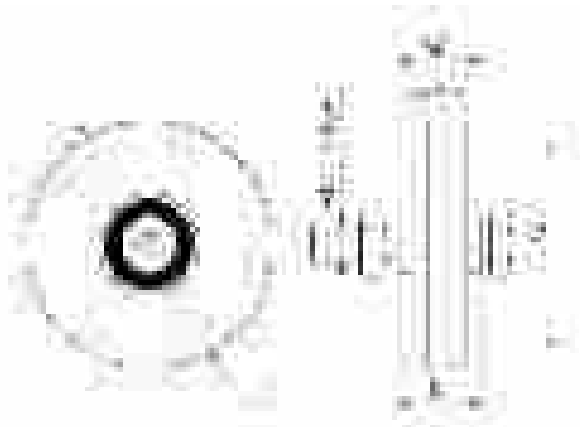
Versione Inox/Stainless Steel pag.185



cod.	Ø	pz/pcs	C	ØG	sp	bullone	cusc	binario	portata
402.40	40	12	16	Ø33	12	M8x30	1	-	60 kg.
402.50	50	12	16	Ø39	13	M8x30	1	-	80 kg.
402.60	60	12	24	Ø46	17	M10x45	1	-	100 kg.
402.70	70	6	33	Ø52	20	M14x70	1	art. 906	190 kg.
402.80	80	6	33	Ø62	20	M14x70	1	art. 906	200 kg.
402.90	90	6	33	Ø72	21	M14x70	1	art. 906	210 kg.
402.100	100	6	33	Ø82	21	M14x70	1	art. 906	230 kg.
402.120	120	4	33	Ø100	24	M14x70	1	art. 906	250 kg.
402.140	140	4	43	Ø118	24	M16x70	1	art. 906	280 kg.
402.160	160	2	43	Ø138	25	M16x70	1	art. 906	300 kg.
402.200	200	2	43	Ø178	25	M16x70	1	art. 906	340 kg.

art. 403

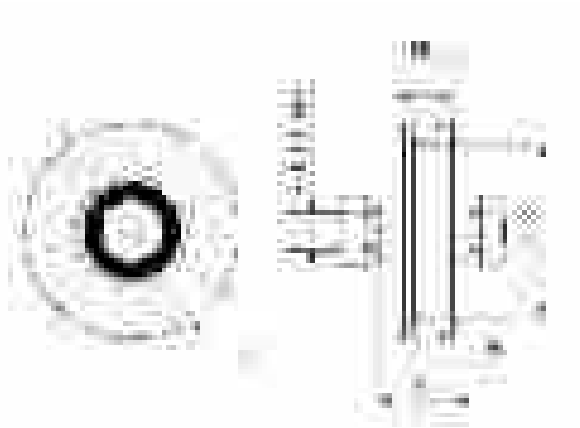
Ruota 1 cuscinetto gola H
Wheel H groove 1 bearing
колесо h вырез 1 подшипник



cod.	Ø	pz/pcs	C	ØG	L	sp	bullone	cusc	portata
403.40	40	12	16	Ø32	6	12	M8x30	1	60 kg.
403.50	50	12	16	Ø40	6	13	M8x30	1	80 kg.
403.60	60	12	24	Ø44	8	17	M10x45	1	100 kg.
403.70	70	6	33	Ø52	8	20	M14x70	1	190 kg.
403.80	80	6	33	Ø62	8	20	M14x70	1	200 kg.
403.90	90	6	33	Ø72	8	21	M14x70	1	210 kg.
403.100	100	6	33	Ø82	8	21	M14x70	1	230 kg.
403.120	120	4	33	Ø98	16	24	M14x70	1	250 kg.
403.140	140	4	43	Ø118	16	24	M16x70	1	280 kg.
403.160	160	2	43	Ø138	16	25	M16x70	1	300 kg.
403.200	200	2	43	Ø178	16	25	M16x70	1	340 kg.

art. 404

Ruota 1 cuscinetto gola H raccordata
Wheel H-rounded groove 1 bearing
колесо h вырез закруглённый
1 подшипник



cod.	Ø	pz/pcs	C	ØG	L	sp	R	bullone	cusc	portata
404.50	50	12	16	Ø39	7	13	3	M8x30	1	80 kg.
404.60	60	12	24	Ø43	7	17	5	M10x45	1	100 kg.
404.80	80	6	33	Ø62	8	20	5	M14x70	1	200 kg.

art. 405

Ruota 2 cuscinetti gola Tonda
Wheel Round groove 2 bearings
колесо круглый вырез 2 подшипника

Versione Inox/Stainless Steel pag.186



cod.	Ø	pz/pcs	C	ØG	sp	R	bullone	cusc	binario	portata
405.100	100	6	43	Ø77	28	10,3	M14x70	2	art. 900-902 Ø20	410 kg.
405.120	120	6	43	Ø97	28	10,3	M14x70	2	art. 900-902 Ø20	430 kg.
405.140	140	4	43	Ø117	32	10,3	M16x70	2	art. 900-902 Ø20	550 kg.
405.160	160	2	43	Ø137	32	10,3	M16x70	2	art. 900-902 Ø20	570 kg.
405.200	200	2	43	Ø177	32	10,3	M16x70	2	art. 900-902 Ø20	600 kg.

art. 406

Ruota 2 cuscinetti gola Y
Wheel Y groove 2 bearings
колесо y вырез 2 подшипника



cod.	Ø	pz/pcs	C	ØG	L	sp	bullone	cusc	binario	portata
406.100	100	6	43	Ø75	4	28	M14x70	2	art. 906	410 kg.
406.120	120	6	43	Ø95	4	28	M14x70	2	art. 906	430 kg.
406.140	140	4	43	Ø115	4	32	M16x70	2	art. 906	550 kg.
406.160	160	2	43	Ø135	4	32	M16x70	2	art. 906	570 kg.
406.200	200	2	43	Ø175	4	32	M16x70	2	art. 906	600 kg.

art. 407

Ruota 2 cuscinetti gola V
Wheel V groove 2 bearings
колесо v вырез 2 подшипника

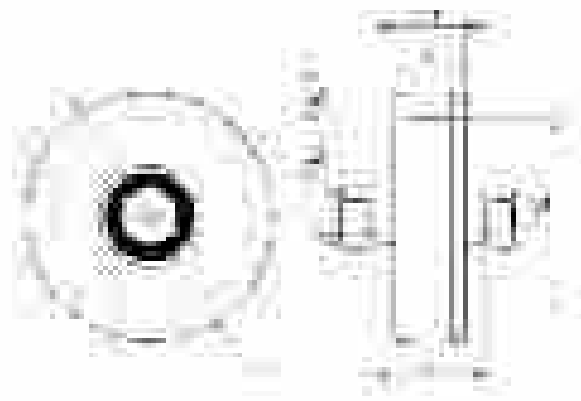
Versione Inox/Stainless Steel pag.186



cod.	Ø	pz/pcs	C	ØG	sp	bullone	cusc	binario	portata
407.100	100	6	43	Ø77	28	M14x70	2	art. 906	410 kg.
407.120	120	6	43	Ø97	28	M14x70	2	art. 906	430 kg.
407.140	140	4	43	Ø117	32	M16x70	2	art. 906	550 kg.
407.160	160	2	43	Ø137	32	M16x70	2	art. 906	570 kg.
407.200	200	2	43	Ø177	32	M16x70	2	art. 906	600 kg.

art. 408

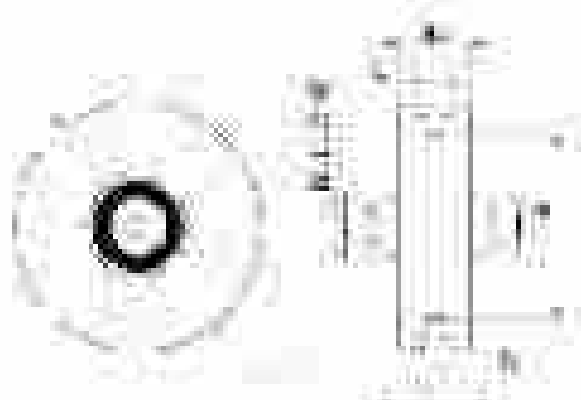
Ruota 2 cuscinetti gola H
Wheel H groove 2 bearings
колесо h вырез 2 подшипника



cod.	Ø	pz/pcs	C	ØG	L	sp	bullone	cusc	portata
408.100	100	6	43	Ø77	16	28	M14x70	2	410 kg.
408.120	120	6	43	Ø97	21	28	M14x70	2	430 kg.
408.140	140	4	43	Ø117	21	32	M16x70	2	550 kg.
408.160	160	2	43	Ø137	21	32	M16x70	2	570 kg.
408.200	200	2	43	Ø177	21	32	M16x70	2	600 kg.

art. 409

Ruota 2 cuscinetti gola H raccordata
Wheel H-rounded groove 2 bearings
колесо h вырез закруглённый 2 подшипника



cod.	Ø	pz/pcs	C	ØG	L	sp	R	bullone	cusc	portata
409.80	80	6	43	Ø52,5	8	28	8,5	M14x70	2	410 kg.
409.100	100	6	43	Ø72,5	8	28	8,5	M14x70	2	410 kg.
409.120	120	6	43	Ø92,5	8	28	8,5	M14x70	2	430 kg.
409.140	140	4	43	Ø112,5	9,5	32	11	M16x70	2	550 kg.

art. 410

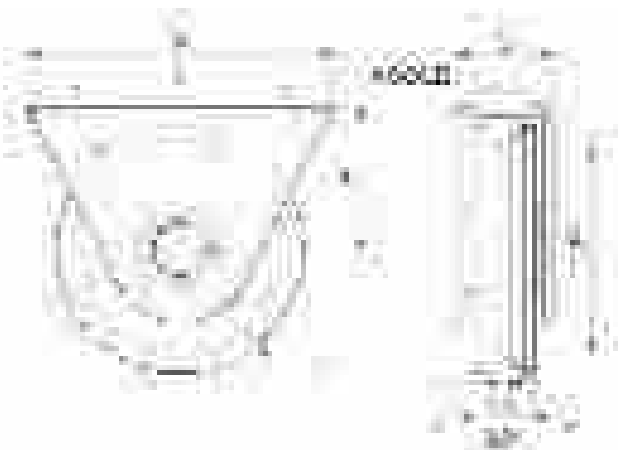
Ruota 1 cuscinetto gola Tonda
supporto cavallotto
Wheel Round groove 1 bearing
w/outside support
колесо с внешней опорой
круглый вырез 1 подшипник



cod.	Ø	pz/pcs	A	B	C	ØG	I	asole	sp	R	cusc	binario	portata
410.60	60	12	80	36	24	Ø48	60	6,5x10	17	5,3	1	-	100 kg.
410.80	80	6	120	48	37	Ø64	90	8,5x12	24	8,3	1	art. 900-902 Ø16	200 kg.
410.80/20	80/20	6	120	48	37	Ø59	90	8,5x12	24	10,3	1	art. 900-902 Ø20	200 kg.
410.100	100	6	120	56	38	Ø84	90	8,5x12	24	8,3	1	art. 900-902 Ø16	230 kg.
410.100/20	100/20	6	120	56	38	Ø79	90	8,5x12	24	10,3	1	art. 900-902 Ø20	230 kg.
410DC.100	100/DC	6	120	56	38	Ø77	90	8,5x12	28	10,3	2	art. 900-902 Ø20	410 kg.

art. 411

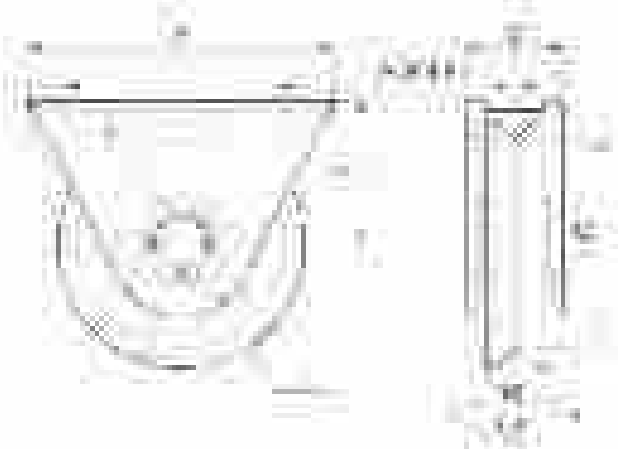
Ruota 1 cuscinetto gola Y supporto cavallotto
Wheel Y groove 1 bearing with outside support
колесо с внешней опорой у
вырез 1 подшипник



cod.	Ø	pz/pcs	A	B	C	ØG	L	I	asole	sp	cusc	binario	portata
411.60	60	12	80	36	24	Ø44	4	60	6,5x10	17	1	-	100 kg.
411.80	80	6	120	48	37	Ø60	4	90	8,5x12	24	1	art. 906	200 kg.
411.100	100	6	120	56	38	Ø80	4	90	8,5x12	24	1	art. 906	230 kg.
411DC.100	100/DC	6	120	56	38	Ø75	4	90	8,5x12	28	2	art. 906	410 kg.

art. 412

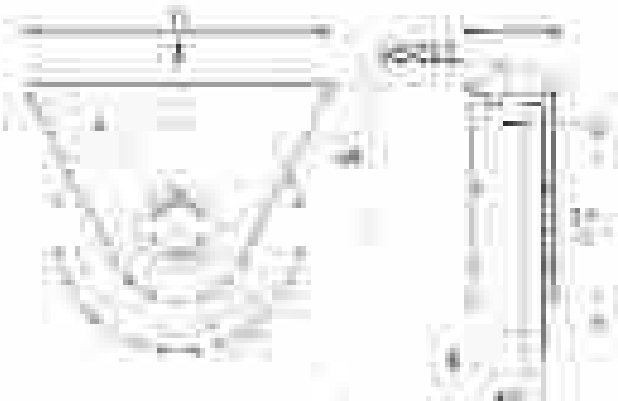
Ruota 1 cuscinetto gola V supporto cavallotto
Wheel V groove 1 bearing with outside support
колесо с внешней опорой v
вырез 1 подшипник



cod.	Ø	pz/pcs	A	B	C	ØG	I	asole	sp	cusc	binario	portata
412.60	60	12	80	36	24	Ø46	60	6,5x10	17	1	-	100 kg.
412.80	80	6	120	48	37	Ø62	90	8,5x12	24	1	art. 906	200 kg.
412.100	100	6	120	56	38	Ø82	90	8,5x12	24	1	art. 906	230 kg.
412DC.100	100/DC	6	120	56	38	Ø77	90	8,5x12	28	2	art. 906	410 kg.

art. 413

Ruota 1 cuscinetto gola H supporto cavallotto
Wheel H groove 1 bearing with outside support
колесо с внешней опорой h
вырез 1 подшипник



cod.	Ø	pz/pcs	A	B	C	ØG	L	I	asole	sp	cusc	portata
413.60	60	12	80	36	24	Ø44	8	60	6,5x10	17	1	100 kg.
413.80	80	6	120	48	37	Ø62	8	90	8,5x12	24	1	200 kg.
413.100	100	6	120	56	38	Ø82	8	90	8,5x12	24	1	230 kg.
413DC.100	100/DC	6	120	56	38	Ø77	16	90	8,5x12	28	2	410 kg.

art. 415

Ruota 1 cuscinetto gola Tonda supporto laterale
Wheel Round groove 1 bearing with side support
колесо с боковой опорой
круглый вырез 1 подшипник

Versione Inox/Stainless Steel pag.186



cod.	Ø	pz/pcs	A	B	C	D	ØG	sp	R	cusc	binario	portata
415.60	60	12	68	21	24	51	Ø48	17	5,3	1	-	100 kg.
415.70	70	6	80	19	33	54	Ø54	20	8,3	1	art. 900-902 Ø16	190 kg.
415.80	80	6	80	19	33	59	Ø64	20	8,3	1	art. 900-902 Ø16	200 kg.
415.80/20	80/20	6	80	19	33	59	Ø59	24	10,3	1	art. 900-902 Ø20	200 kg.
415.90	90	6	100	22	31	67	Ø74	21	8,3	1	art. 900-902 Ø16	210 kg.
415.90/20	90/20	6	100	22	33	67	Ø69	24	10,3	1	art. 900-902 Ø20	210 kg.
415.100	100	6	100	28,5	31	78,5	Ø84	21	8,3	1	art. 900-902 Ø16	230 kg.
415.100/20	100/20	6	100	28,5	33	78,5	Ø79	24	10,3	1	art. 900-902 Ø20	230 kg.
415.120	120	6	120	38	33	98	Ø99	24	10,3	1	art. 900-902 Ø20	250 kg.
415.140	140	4	140	48,5	33	118,5	Ø117	24	10,3	1	art. 900-902 Ø20	280 kg.

art. 416

Ruota 1 cuscinetto gola Y supporto laterale
Wheel Y groove 1 bearing with side support
колесо с боковой опорой
у вырез 1 подшипник



cod.	Ø	pz/pcs	A	B	C	D	ØG	L	sp	cusc	binario	portata
416.60	60	12	68	21	24	51	Ø44	4	17	1	-	100 kg.
416.70	70	6	80	19	33	54	Ø50	4	20	1	art. 906	190 kg.
416.80	80	6	80	19	33	59	Ø60	4	20	1	art. 906	200 kg.
416.90	90	6	100	22	31	67	Ø70	4	21	1	art. 906	210 kg.
416.100	100	6	100	28,5	31	78,5	Ø80	4	21	1	art. 906	230 kg.
416.120	120	6	120	38	33	98	Ø98	4	24	1	art. 906	250 kg.
416.140	140	4	140	48,5	33	118,5	Ø116	4	24	1	art. 906	280 kg.

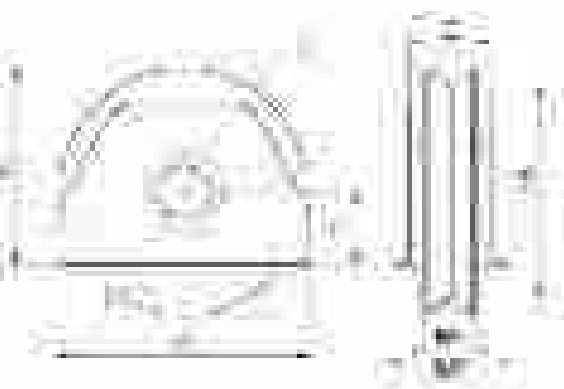
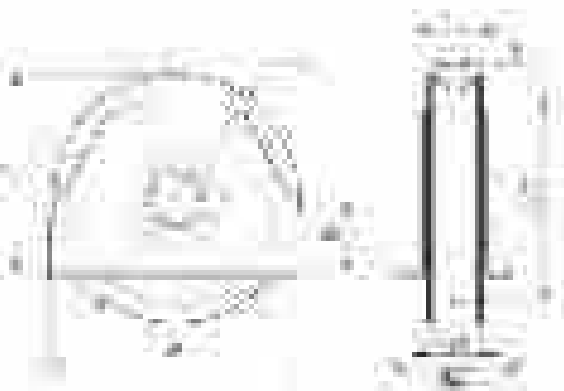
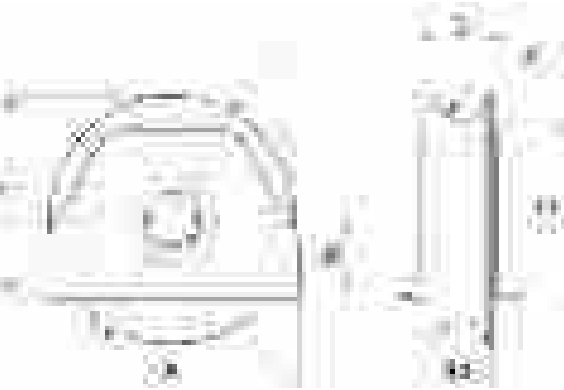
art. 417

Ruota 1 cuscinetto gola V supporto laterale
Wheel V groove 1 bearing with side support
колесо с боковой опорой
v вырез 1 подшипник

Versione Inox/Stainless Steel pag.187



cod.	Ø	pz/pcs	A	B	C	D	ØG	sp	cusc	binario	portata
417.60	60	12	68	21	24	51	Ø46	17	1	-	100 kg.
417.70	70	6	80	19	33	54	Ø52	20	1	art. 906	190 kg.
417.80	80	6	80	19	33	59	Ø62	20	1	art. 906	200 kg.
417.90	90	6	100	22	31	67	Ø72	21	1	art. 906	210 kg.
417.100	100	6	100	28,5	31	78,5	Ø82	21	1	art. 906	230 kg.
417.120	120	6	120	38	33	98	Ø100	24	1	art. 906	250 kg.
417.140	140	4	140	48,5	33	118,5	Ø118	24	1	art. 906	280 kg.

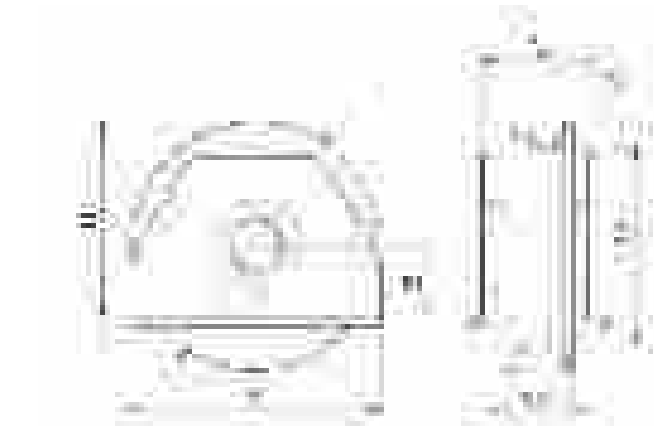


art. 418

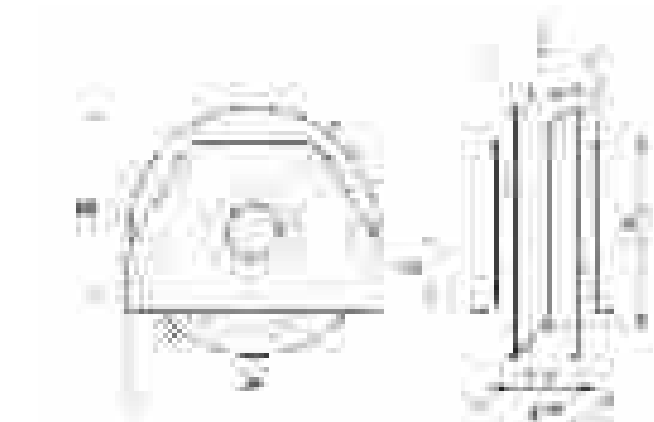
Ruota 1 cuscinetto gola H supporto laterale
Wheel H groove 1 bearing with side support
колесо с боковой опорой
h вырез 1 подшипник



cod.	Ø	pz/pcs	A	B	C	D	ØG	L	sp	cusc	portata
418.60	60	12	68	21	24	51	Ø44	8	17	1	100 kg.
418.70	70	6	80	19	33	54	Ø52	8	20	1	190 kg.
418.80	80	6	80	19	33	59	Ø62	8	20	1	200 kg.
418.90	90	6	100	22	31	67	Ø72	8	21	1	210 kg.
418.100	100	6	100	28,5	31	78,5	Ø82	8	21	1	230 kg.
418.120	120	6	120	38	33	98	Ø98	16	24	1	250 kg.
418.140	140	4	140	48,5	33	118,5	Ø118	16	24	1	280 kg.



cod.	Ø	pz/pcs	A	B	C	D	ØG	sp	R	cusc	binario	portata
420.100	100	4	100	28,5	43	78,5	Ø77	28	10,3	2	art. 900-902 Ø20	410 kg.
420.120	120	4	120	38	44	98	Ø97	28	10,3	2	art. 900-902 Ø20	430 kg.
420.140	140	4	140	48,5	44	118,5	Ø117	32	10,3	2	art. 900-902 Ø20	550 kg.



cod.	Ø	pz/pcs	A	B	C	D	ØG	sp	L	cusc	binario	portata
421.100	100	4	100	28,5	43	78,5	Ø75	28	4	2	art. 906	410 kg.
421.120	120	4	120	38	44	98	Ø95	28	4	2	art. 906	430 kg.
421.140	140	4	140	48,5	44	118,5	Ø115	32	4	2	art. 906	550 kg.

art. 420

Ruota 2 cuscinetti gola Tonda supporto laterale
Wheel Round groove 2 bearings with side support
колесо с боковой опорой
круглый вырез 2 подшипника

Versione Inox/Stainless Steel pag.187



art. 421

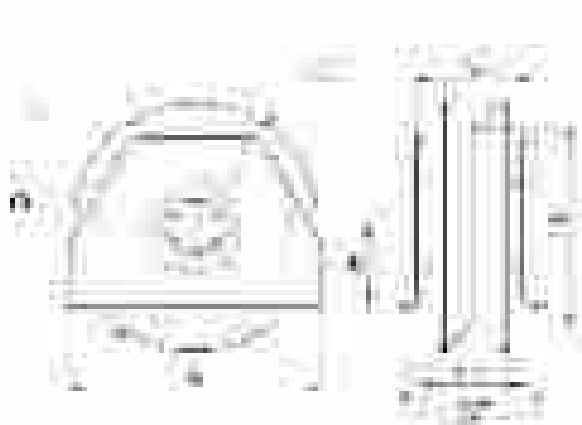
Ruota 2 cuscinetti gola Y supporto laterale
Wheel Y groove 2 bearings with side support
колесо с боковой опорой
у вырез 2 подшипника



art. 422

Ruota 2 cuscinetti gola V supporto laterale
Wheel V groove 2 bearings with side support
колесо с боковой опорой
v вырез 2 подшипника

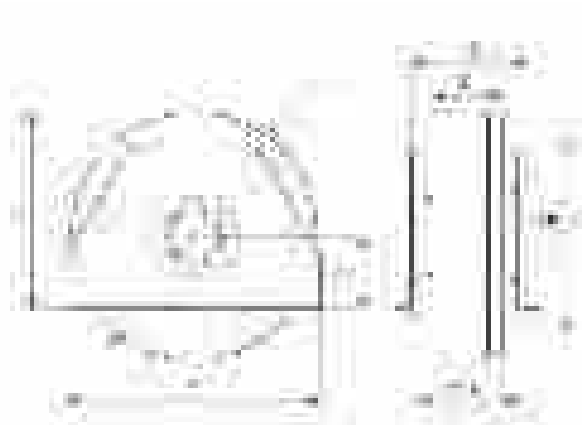
Versione Inox/Stainless Steel pag.187



cod.	Ø	pz/pcs	A	B	C	D	ØG	sp	cusc	binario	portata
422.100	100	4	100	28,5	43	78,5	Ø77	28	2	art. 906	410 kg.
422.120	120	4	120	38	44	98	Ø97	28	2	art. 906	430 kg.
422.140	140	4	140	48,5	44	118,5	Ø117	32	2	art. 906	550 kg.

art. 423

Ruota 2 cuscinetti gola H supporto laterale
Wheel H groove 2 bearings with side support
колесо с боковой опорой
h вырез 2 подшипника

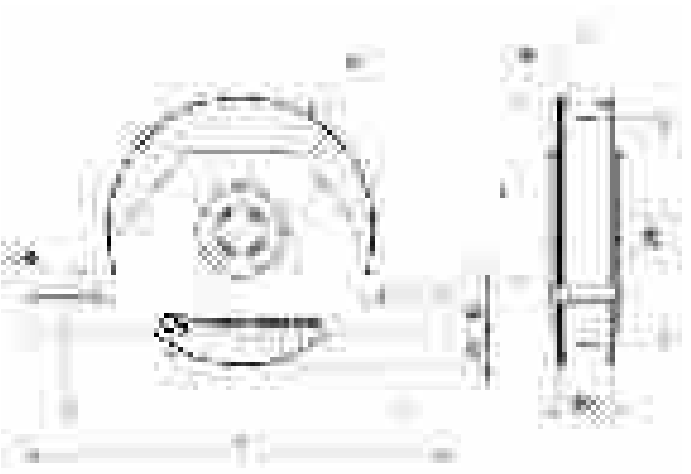


cod.	Ø	pz/pcs	A	B	C	D	ØG	sp	L	cusc	portata
423.100	100	4	100	28,5	43	78,5	Ø77	28	16	2	410 kg.
423.120	120	4	120	38	44	98	Ø97	28	21	2	430 kg.
423.140	140	4	140	48,5	44	118,5	Ø117	32	21	2	550 kg.

art. 425

Ruota 1 cuscinetto gola Tonda supporto interno
Wheel Round groove 1 bearing
with inside support
колесо с внутренней опорой
круглый вырез 1 подшипник

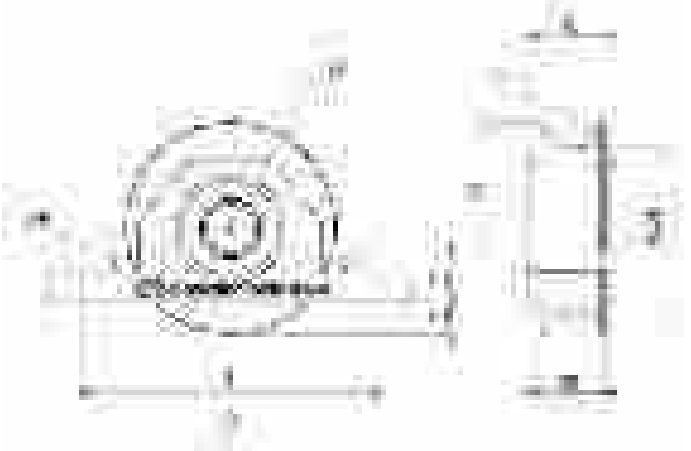
Versione Inox/Stainless Steel pag.188



cod.	Ø	pz/pcs	A	B	C	D	ØF	I	H	ØG	sp	R	cusc	binario	portata
425.60	60	12	110	7	24	15	Ø7	90	36	Ø48	17	5,25	1	-	100 kg.
425.70	70	6	135	7	33	17	Ø9	110	44	Ø54	20	8,3	1	art. 900-902 Ø16	190 kg.
425.80	80	6	135	12	33	17	Ø9	110	49	Ø64	20	8,3	1	art. 900-902 Ø16	200 kg.
425.80/20	80/20	6	135	12	33	17	Ø9	110	49	Ø59	24	10,3	1	art. 900-902 Ø20	200 kg.
425.90	90	6	155	9	33	18	Ø9	130	61	Ø74	21	8,3	1	art. 900-902 Ø16	210 kg.
425.90/20	90/20	6	155	9	33	18	Ø9	130	61	Ø69	24	10,3	1	art. 900-902 Ø20	210 kg.
425.100	100	6	155	14	33	18	Ø9	130	66	Ø84	21	8,3	1	art. 900-902 Ø16	230 kg.
425.100/20	100/20	6	155	14	33	18	Ø9	130	66	Ø79	24	10,3	1	art. 900-902 Ø20	230 kg.
425.120	120	6	185	14	32	20	Ø9	155	84	Ø99	24	10,3	1	art. 900-902 Ø20	250 kg.
425.140	140	4	205	15	32	22	Ø11	175	100	Ø117	24	10,3	1	art. 900-902 Ø20	280 kg.
425.160	160	2	225	20	37	24	Ø11	195	113	Ø137	25	10,3	1	art. 900-902 Ø20	300 kg.

art. 425 NY

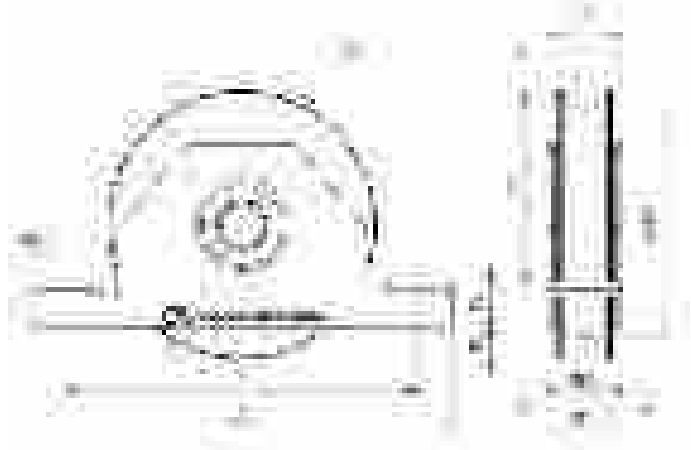
Ruota nylon 1 cuscinetto
gola Tonda supporto interno
Nylon wheel Round groove 1 bearing
with inside support
колесо с внутренней опорой
круглый вырез 1 подшипник



cod.	Ø	pz/pcs	A	B	C	D	ØF	I	H	ØG	sp	R	cusc	binario	portata
425NY.80/20	80/20	4	135	12	33	17	Ø9	110	49	Ø59	24	10,3	1	art. 900-902 Ø20	50 kg.

art. 426

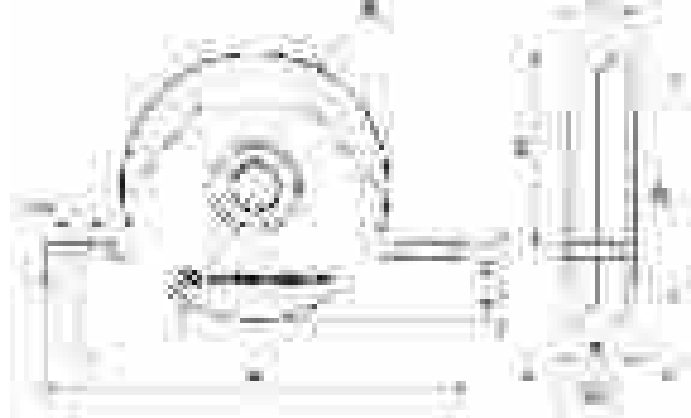
Ruota 1 cuscinetto gola Y supporto interno
Wheel Y groove 1 bearing with inside support
колесо с внутренней опорой
у вырез 1 подшипник



cod.	Ø	pz/pcs	A	B	C	D	ØF	I	H	ØG	L	sp	cus	binario	portata
426.60	60	12	110	7	24	15	Ø7	90	36	Ø44	4	17	1	-	100 kg.
426.70	70	6	135	7	33	17	Ø9	110	44	Ø50	4	20	1	art. 906	190 kg.
426.80	80	6	135	12	33	17	Ø9	110	49	Ø60	4	20	1	art. 906	200 kg.
426.90	90	6	155	9	33	18	Ø9	130	61	Ø70	4	21	1	art. 906	210 kg.
426.100	100	6	155	14	33	18	Ø9	130	66	Ø80	4	21	1	art. 906	230 kg.
426.120	120	6	185	14	32	20	Ø9	155	84	Ø98	4	24	1	art. 906	250 kg.
426.140	140	4	205	15	32	22	Ø11	175	100	Ø116	4	24	1	art. 906	280 kg.
426.160	160	2	225	20	37	24	Ø11	195	113	Ø136	4	25	1	art. 906	300 kg.

art. 427

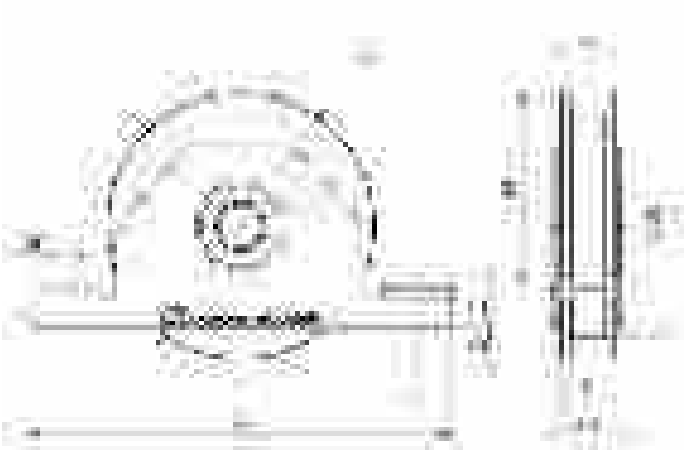
Ruota 1 cuscinetto gola V supporto interno
Wheel V groove 1 bearing with inside support
колесо с внутренней опорой
v вырез 1 подшипник



cod.	Ø	pz/pcs	A	B	C	D	ØF	I	H	ØG	sp	cus	binario	portata
427.60	60	12	110	7	24	15	Ø7	90	36	Ø46	17	1	-	100 kg.
427.70	70	6	135	7	33	17	Ø9	110	44	Ø52	20	1	art. 906	190 kg.
427.80	80	4	135	12	33	17	Ø9	110	49	Ø62	20	1	art. 906	200 kg.
427.90	90	6	155	9	33	18	Ø9	130	61	Ø72	21	1	art. 906	210 kg.
427.100	100	6	155	14	33	18	Ø9	130	66	Ø82	21	1	art. 906	230 kg.
427.120	120	6	185	14	32	20	Ø9	155	84	Ø100	24	1	art. 906	250 kg.
427.140	140	4	205	15	32	22	Ø11	175	100	Ø118	24	1	art. 906	280 kg.
427.160	160	2	225	20	37	24	Ø11	195	113	Ø138	25	1	art. 906	300 kg.

art. 428

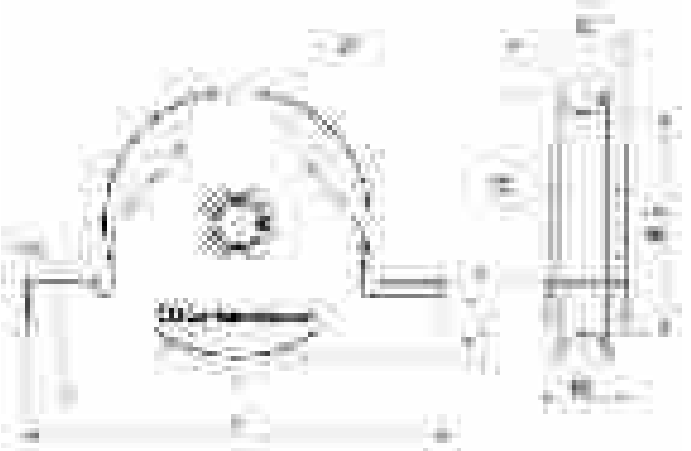
Ruota 1 cuscinetto gola H supporto interno
Wheel H groove 1 bearing with inside support
колесо с внутренней опорой
h вырез 1 подшипник



cod.	Ø	pz/pcs	A	B	C	D	ØF	I	H	ØG	L	sp	cus	portata
428.60	60	12	110	7	24	15	Ø7	90	36	Ø44	8	17	1	100 kg.
428.70	70	6	135	7	33	17	Ø9	110	44	Ø52	8	20	1	190 kg.
428.80	80	4	135	12	33	17	Ø9	110	49	Ø62	8	20	1	200 kg.
428.90	90	6	155	9	33	18	Ø9	130	61	Ø72	8	21	1	210 kg.
428.100	100	6	155	14	33	18	Ø9	130	66	Ø82	8	21	1	230 kg.
428.120	120	6	185	14	32	20	Ø9	155	84	Ø98	16	24	1	250 kg.
428.140	140	4	205	15	32	22	Ø11	175	100	Ø118	16	24	1	280 kg.

art. 430

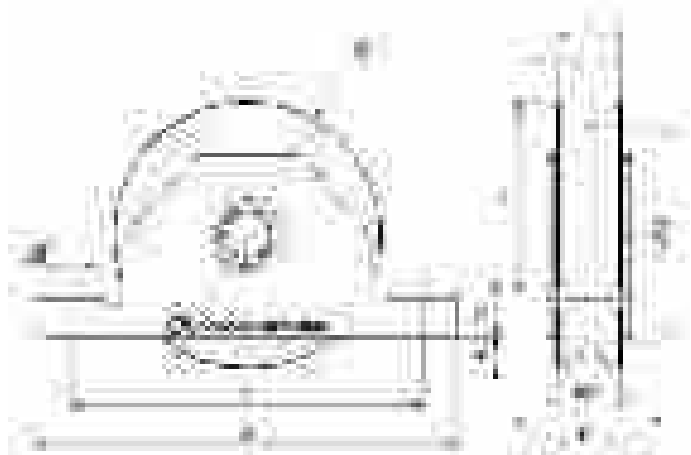
Ruota 2 cuscinetti gola Tonda supporto interno
Wheel Round groove 2 bearings with inside support
колесо с внутренней опорой
круглый вырез 2 подшипника



cod.	Ø	pz/pcs	A	B	C	D	ØF	I	H	ØG	sp	R	cus	binario	portata
430.90	90	6	155	9	33	18	Ø9	130	61	Ø71	24	10,3	2	art. 900-902 Ø20	390 kg.
430.100	100	6	155	14	33	18	Ø9	130	66	Ø77	24	10,3	2	art. 900-902 Ø20	410 kg.
430.120	120	4	185	14	37	20	Ø9	155	84	Ø97	28	10,3	2	art. 900-902 Ø20	430 kg.
430.140	140	4	205	15	42	22	Ø11	175	100	Ø117	32	10,3	2	art. 900-902 Ø20	550 kg.
430.160	160	2	225	20	42	24	Ø11	195	113	Ø137	32	10,3	2	art. 900-902 Ø20	630 kg.

art. 431

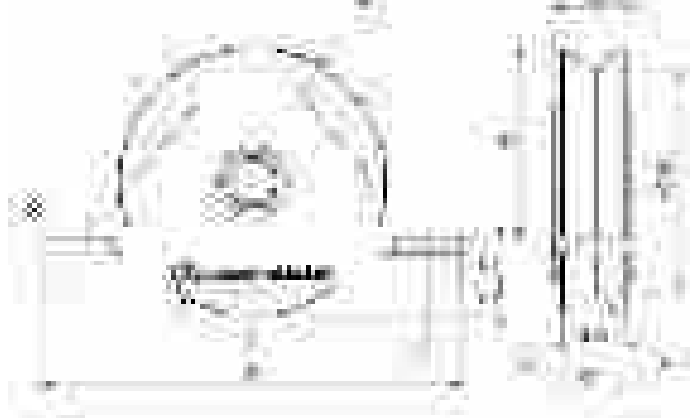
Ruota 2 cuscinetti gola Y supporto interno
Wheel Y groove 2 bearings with inside support
колесо с внутренней опорой
у вырез 2 подшипника



cod.	Ø	pz/pcs	A	B	C	D	ØF	I	H	ØG	L	sp	cus	binario	portata
431.90	90	6	155	9	33	18	Ø9	130	61	Ø68	4	24	2	art. 906	390 kg.
431.100	100	6	155	14	33	18	Ø9	130	66	Ø75	4	24	2	art. 906	410 kg.
431.120	120	4	185	14	37	20	Ø9	155	84	Ø95	4	28	2	art. 906	430 kg.
431.140	140	4	205	15	42	22	Ø11	175	100	Ø115	4	32	2	art. 906	550 kg.
431.160	160	2	225	20	42	24	Ø11	195	113	Ø135	4	32	2	art. 906	630 kg.

art. 432

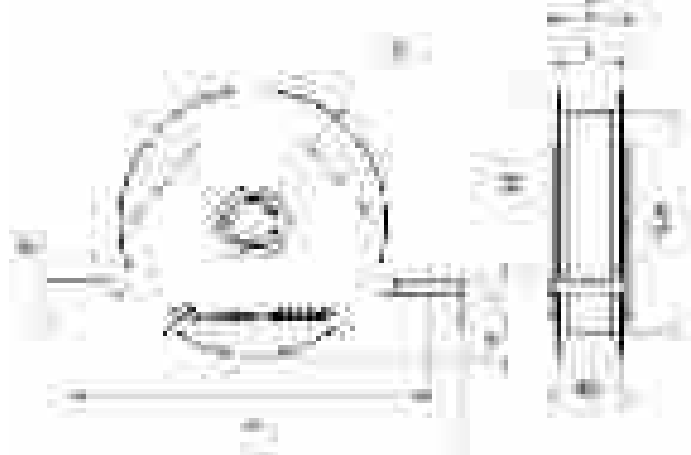
Ruota 2 cuscinetti gola V supporto interno
Wheel V groove 2 bearings with inside support
колесо с внутренней опорой
v вырез 2 подшипника



cod.	Ø	pz/pcs	A	B	C	D	ØF	I	H	ØG	sp	cus	binario	portata
432.90	90	6	155	9	33	18	Ø9	130	61	Ø70	24	2	art. 906	390 kg.
432.100	100	6	155	14	33	18	Ø9	130	66	Ø77	24	2	art. 906	410 kg.
432.120	120	4	185	14	37	20	Ø9	155	84	Ø97	28	2	art. 906	430 kg.
432.140	140	4	205	15	42	22	Ø11	175	100	Ø117	32	2	art. 906	550 kg.
432.160	160	4	225	20	42	24	Ø11	195	113	Ø137	32	2	art. 906	630 kg.

art. 433

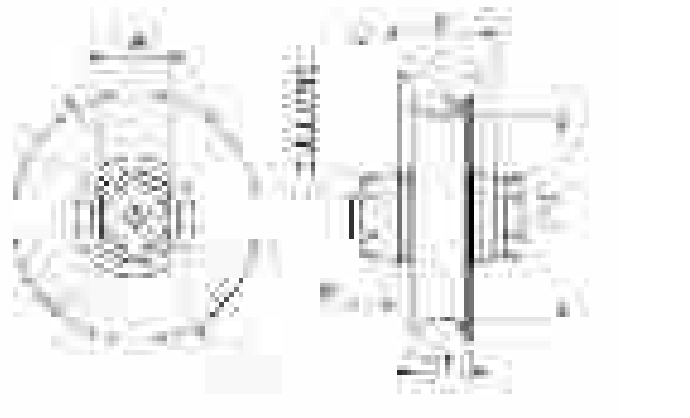
Ruota 2 cuscinetti gola H supporto interno
Wheel H groove 2 bearings with inside support
колесо с внутренней опорой
h вырез 2 подшипника



cod.	Ø	pz/pcs	A	B	C	D	ØF	I	H	ØG	L	sp	cus	binario	portata
433.90	90	6	155	9	33	18	Ø9	130	61	Ø68	16	24	2	art. 900-902 Ø20	380 kg.
433.100	100	6	155	14	33	18	Ø9	130	66	Ø78	16	24	2	art. 900-902 Ø20	400 kg.
433.120	120	4	185	14	37	20	Ø9	155	84	Ø98	21	28	2	art. 900-902 Ø20	430 kg.
433.140	140	4	205	15	42	22	Ø11	175	100	Ø118	21	32	2	art. 900-902 Ø20	550 kg.
433.160	160	4	225	20	42	24	Ø11	195	113	Ø138	21	32	2	art. 900-902 Ø20	630 kg.

art. 435

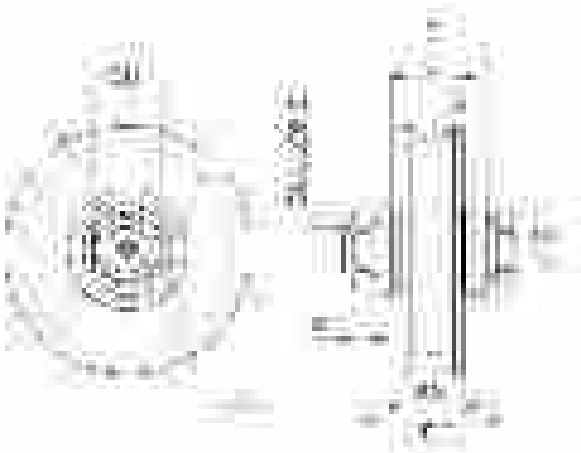
Ruota 1 cuscinetto gola Tonda con ingrassatore
Grease cup wheel Round groove 1 bearing
колесо с с пресс-маслёнкой
круглый вырез 1 подшипник



cod.	Ø	pz/pcs	C	E	ØG	sp	R	CH	K	bullone	cus	binario	portata
435.100	100	4	33	43	Ø79	24	10,3	Es.27	8	M18x60	1	art. 900-902 Ø20	380 kg.
435.120	120	4	33	43	Ø99	24	10,3	Es.27	8	M18x60	1	art. 900-902 Ø20	400 kg.
435.140	140	4	43	53	Ø117	25	10,3	Es.30	9	M20x70	1	art. 900-902 Ø20	670 kg.
435.160	160	2	43	53	Ø137	25	10,3	Es.30	9	M20x70	1	art. 900-902 Ø20	700 kg.
435.200	200	2	43	53	Ø177	25	10,3	Es.30	9	M20x70	1	art. 900-902 Ø20	750 kg.
435.250	250	1	53	-	Ø227	32	10,3	Es.36	11	M24x80	1	art. 900-902 Ø20	850 kg.

art. 436

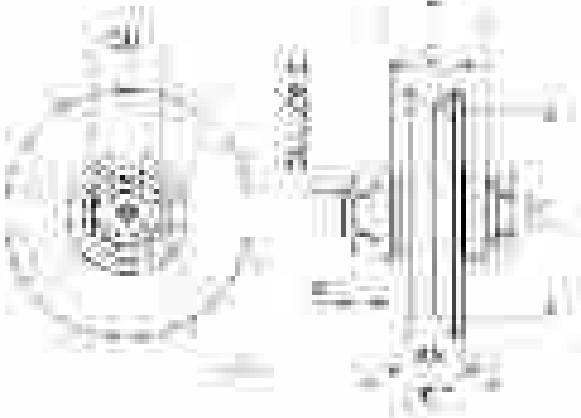
Ruota 1 cuscinetto gola Y con ingrassatore
Grease cup wheel Y groove 1 bearing
колесо с с пресс-маслёнкой
у вырез 1 подшипник



cod.	Ø	pz/pcs	C	E	ØG	L	sp	CH	K	bullone	cuscc	binario	portata
436.100	100	4	33	43	Ø80	4	24	Es.27	8	M18x60	1	art. 906	380 kg.
436.120	120	4	33	43	Ø98	4	24	Es.27	8	M18x60	1	art. 906	400 kg.
436.140	140	4	43	53	Ø116	4	25	Es.30	9	M20x70	1	art. 906	670 kg.
436.160	160	2	43	53	Ø136	4	25	Es.30	9	M20x70	1	art. 906	700 kg.
436.200	200	2	43	53	Ø176	4	25	Es.30	9	M20x70	1	art. 906	750 kg.
436.250	250	1	53	-	Ø220	4	32	Es.36	11	M24x80	1	art. 906	850 kg.

art. 437

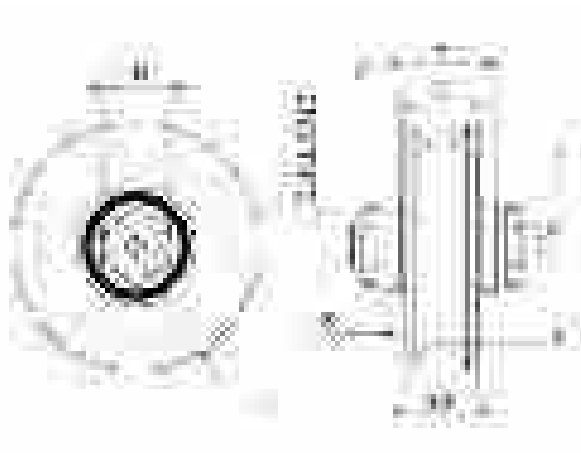
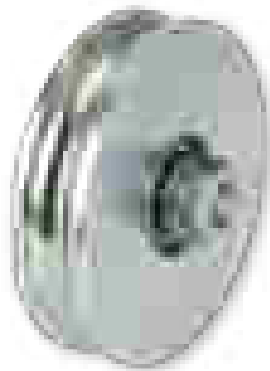
Ruota 1 cuscinetto gola V con ingrassatore
Grease cup wheel V groove 1 bearing
колесо с с пресс-маслёнкой
v вырез 1 подшипник



cod.	Ø	pz/pcs	C	E	ØG	sp	CH	K	bullone	cuscc	binario	portata
437.100	100	4	33	43	Ø82	24	Es.27	8	M18x60	1	art. 906	380 kg.
437.120	120	4	33	43	Ø100	24	Es.27	8	M18x60	1	art. 906	400 kg.
437.140	140	4	43	53	Ø118	25	Es.30	9	M20x70	1	art. 906	670 kg.
437.160	160	2	43	53	Ø138	25	Es.30	9	M20x70	1	art. 906	700 kg.
437.200	200	2	43	53	Ø178	25	Es.30	9	M20x70	1	art. 906	750 kg.

art. 440

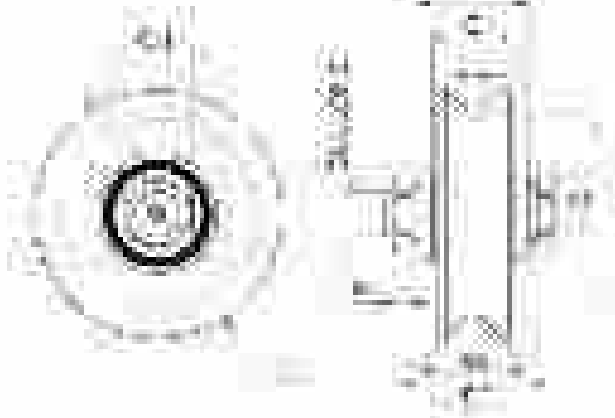
Ruota 2 cuscinetti gola Tonda con ingrassatore
Grease cup wheel Round groove 2 bearings
колесо с с пресс-маслёнкой
круглый вырез 2 подшипника



cod.	Ø	pz/pcs	C	E	ØG	sp	R	CH	K	bullone	cuscc	binario	portata
440.100	100	4	33	43	Ø77	28	10,3	Es.27	8	M18x60	2	art. 900-902 Ø20	560 kg.
440.120	120	4	33	43	Ø97	28	10,3	Es.27	8	M18x60	2	art. 900-902 Ø20	580 kg.
440.140	140	4	43	53	Ø117	32	10,3	Es.30	9	M20x70	2	art. 900-902 Ø20	920 kg.
440.160	160	2	43	53	Ø137	32	10,3	Es.30	9	M20x70	2	art. 900-902 Ø20	940 kg.
440.200	200	2	43	53	Ø177	32	10,3	Es.30	9	M20x70	2	art. 900-902 Ø20	980 kg.
440.250	250	1	74	-	Ø227	48	11,3	Es.36	11	M24x100	2	art. 900-902 Ø20	1450 kg.

art. 441

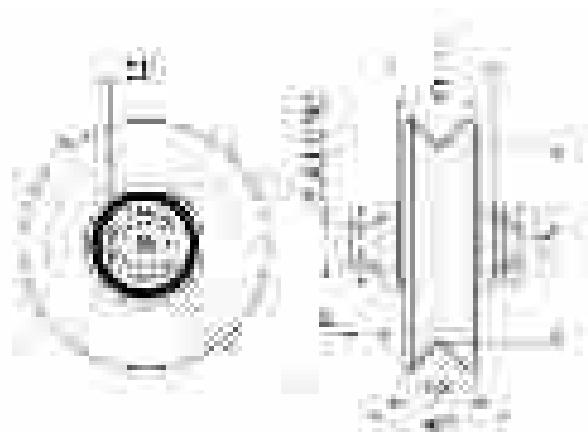
Ruota 2 cuscinetti gola Y con ingrassatore
Grease cup wheel Y groove 2 bearings
колесо с с пресс-маслёнкой
у вырез 2 подшипника



cod.	Ø	pz/pcs	C	E	ØG	L	sp	CH	K	bullone	cuscc	binario	portata
441.100	100	4	33	43	Ø75	4	28	Es.27	8	M18x60	2	art. 906	560 kg.
441.120	120	4	33	43	Ø95	4	28	Es.27	8	M18x60	2	art. 906	580 kg.
441.140	140	4	43	53	Ø115	4	32	Es.30	9	M20x70	2	art. 906	920 kg.
441.160	160	2	43	53	Ø135	4	32	Es.30	9	M20x70	2	art. 906	940 kg.
441.200	200	2	43	53	Ø175	4	32	Es.30	9	M20x70	2	art. 906	980 kg.
441.250	250	1	74	-	Ø213	4	48	Es.36	11	M24x100	2	art. 906	1450 kg.

art. 442

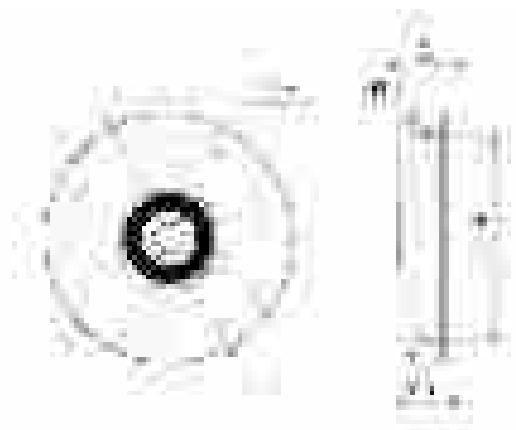
Ruota 2 cuscinetti gola V con ingrassatore
Grease cup wheel V groove 2 bearings
колесо с с пресс-маслёнкой
v вырез 2 подшипника



cod.	Ø	pz/pcs	C	E	ØG	sp	CH	K	bullone	cusc	binario	portata
442.100	100	4	33	43	Ø77	28	Es.27	8	M18x60	2	art. 906	560 kg.
442.120	120	4	33	43	Ø97	28	Es.27	8	M18x60	2	art. 906	580 kg.
442.140	140	4	43	53	Ø117	32	Es.30	9	M20x70	2	art. 906	920 kg.
442.160	160	2	43	53	Ø137	32	Es.30	9	M20x70	2	art. 906	940 kg.
442.200	200	2	43	53	Ø177	32	Es.30	9	M20x70	2	art. 906	980 kg.
442.250	250	1	74	-	Ø217	48	Es.36	11	M24x100	2	art. 906	1450 kg.

art. 445

Ruota per fune
Rope wheel
канатный ролик



cod.	Ø	pz/pcs	C	ØF	ØG	sp	R	fune	cusc	portata
445.60	60	12	20	Ø10,5	Ø44	13	4	Ø6	1	100 kg.
445.80	80	12	20	Ø10,5	Ø60	13	4	Ø6	1	200 kg.
445.100	100	10	22	Ø12,5	Ø80	17	5	Ø8	1	230 kg.
445.120	120	4	22	Ø12,5	Ø100	17	5	Ø8	1	250 kg.

446

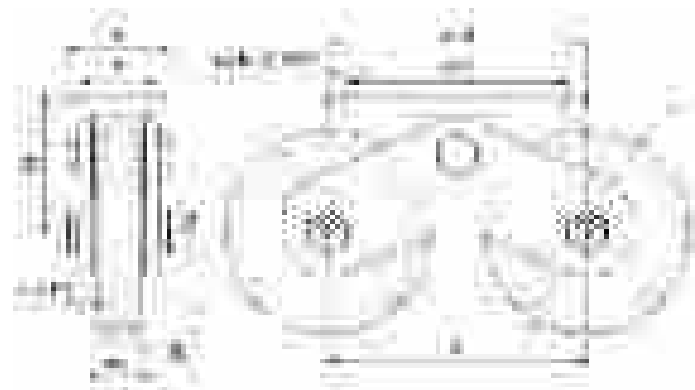
Ruota nylon per fune
Nylon rope wheel
канатный ролик пластиковый



cod.	Ø	pz/pcs	C	E	ØF	ØG	sp	R	fune	portata
446.100	100	6	34	25	Ø12	Ø83	15,5	3,5	Ø6	70 Kg.
446.120	120	4	34	29	Ø12	Ø103	26,5	4,5	Ø8	85 Kg.

art. 600

Ruota doppia gola Tonda con bilanciere
Twin balance wheels Round groove 4 bearings
колесо двойное, крглый вырез,
4 подшипника

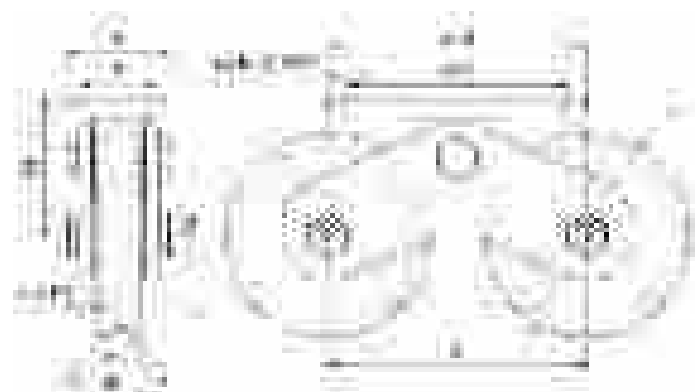


cod.	Ø	pz/pcs	A	B	H	I	ØG	sp	R	cusc	rotazione	portata
600.120	120	2	70	50	90	165	Ø97	28	10,3	4	± 10°	1100 kg.
600.160	160	2	80	60	105	200	Ø137	32	10,3	4	± 10°	1800 kg.
600.200	200	2	80	60	125	250	Ø177	32	10,3	4	± 10°	1900 kg.



art. 602

Ruota doppia gola V con bilanciere
Twin balance wheels V groove 4 bearings
колесо двойное, v вырез,
4 подшипника

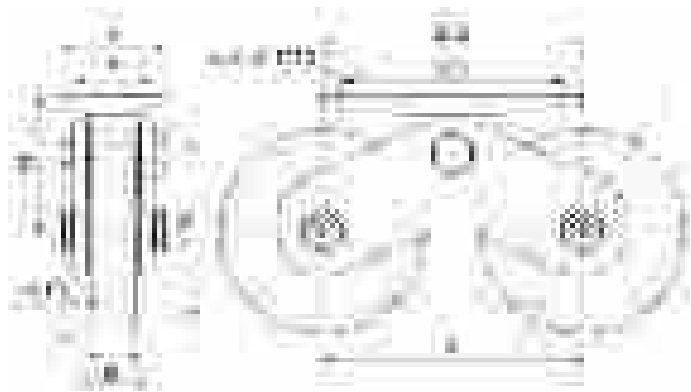


cod.	Ø	pz/pcs	A	B	H	I	ØG	sp	cusc	rotazione	portata
602.120	120	2	70	50	90	165	Ø97	28	4	± 10°	1100 kg.
602.160	160	2	80	60	105	200	Ø137	32	4	± 10°	1800 kg.
602.200	200	2	80	60	125	250	Ø177	32	4	± 10°	1900 kg.



art. 603

Ruota doppia gola H con bilanciere
Twin balance wheels H groove 4 bearings
колесо двойное, h выреЗ,
4 подшипника



cod.	Ø	pz/pcs	A	B	H	I	ØG	sp	cusc	rotazione	portata
603.120	120	2	70	50	90	165	Ø97	28	4	± 10°	1100 kg.
603.160	160	2	80	60	105	200	Ø137	32	4	± 10°	1800 kg.
603.200	200	2	80	60	125	250	Ø177	32	4	± 10°	1900 kg.

art. 900

Binario tondo a cementare
Embedded round track
направляющая круглая



cod.	Ø	pz/pcs	Ø	L	A	H
900.16x3	16 - 3 m.	60	Ø16	3000	40	51
900.16x6	16 - 6 m.	26	Ø16	6000	40	51
900.20x3	20 - 3 m.	40	Ø20	3000	50	63
900.20x6	20 - 6 m.	20	Ø20	6000	50	63

art. 902

Binario Tondo a fissare
Round surface track
направляющая круглая под болт

Versione Inox/Stainless Steel pag.189



cod.	Ø	pz/pcs	Ø	L	H	asole
902.16x3	16 - 3 m.	100	Ø16	3000	13	nr. 9+9
902.16x6	16 - 6 m.	50	Ø16	6000	13	nr. 17+17
902.20x3	20 - 3 m.	100	Ø20	3000	16	nr. 9+9
902.20x6	20 - 6 m.	50	Ø20	6000	16	nr. 17+17

ACCESSORI CANCELLI SCORREVOLI
Sliding Gates Accessories

ACCESSORI CANCELLI SCORREVOLI
Sliding Gates Accessories

art. 904

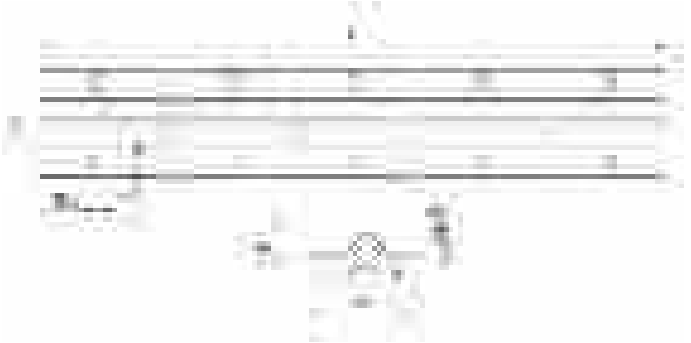
Binario Tondo aperto a cementare
Embedded Round open track
направляющая откатных ворот под
колесо круглого сечения



cod.	L	Ø	sp.
904.20x3-sp3	3000	20 - 3 m.	3 mm.
904.20x3-sp4	3000	20 - 3 m.	4 mm.
904.20x6-sp3	6000	20 - 6 m.	3 mm.
904.20x6-sp4	6000	20 - 6 m.	4 mm.

art. 906

Binario “v” a fissare
Triangular surface track
направляющая треугольная
под болт



cod.	m.	pz/pcs	L	asole
906.3	3	100	3000	nr. 9+9
906.6	6	50	6000	nr. 17+17

art. 901

Giunzione per binario a cementare a fissare
*Joint pin for embedded round
track and surface track*
штифт соединительный
для круглой направляющей

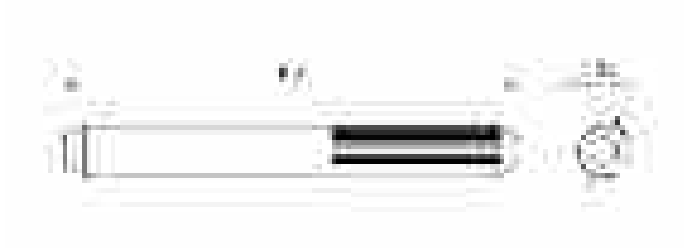
Versione Inox/Stainless Steel pag.189



cod.	Ø	pz/pcs	binario
901.9	9	30	Ø16
901.13	13	30	Ø20

art. 907

Giunzione per binario "V" a fissare
Joint pin for triangular surface track
штифт соединительный для
треугольной направляющей



cod.	Ø	pz/pcs	binario
907.10	10	30	a V

art. 457

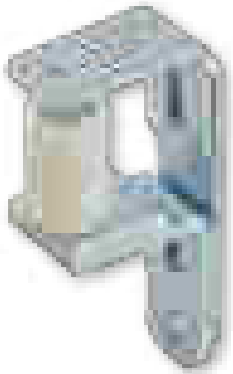
Piastra guida anti-deragliamento regolabile
Adjustable side guide bracket
with guide roller- for internal guide
упор боковой с роликом
регулируемый внешний



cod.	mm.	pz/pcs	L	R
457.140	140	2	155 - 205	113 - 163
457.190	190	2	205 - 255	163 - 213

art. 458

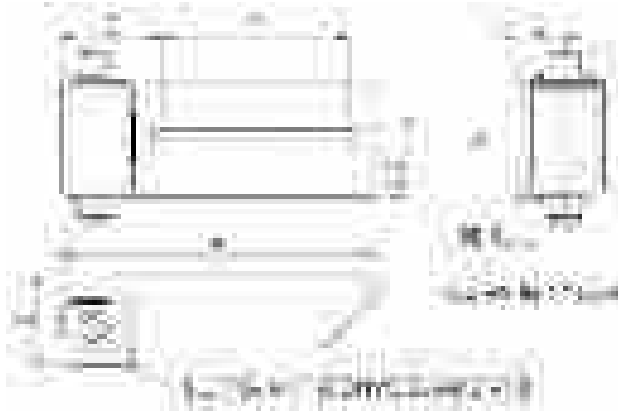
Piastra guida anti-deragliamento regolabile
Adjustable side guide bracket
with guide roller - for external guide
упор боковой с роликом
регулируемый внешний



cod.	mm.	pz/pcs	A	B	R
458	UNICA	2	43 - 52	120 - 140	60 - 90

art. 459

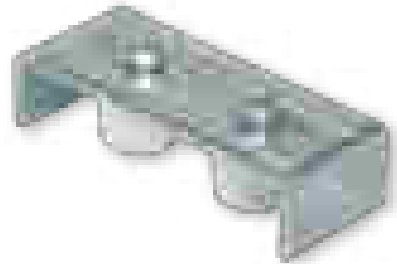
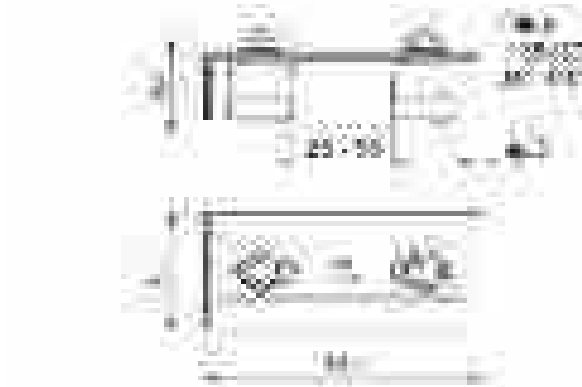
Piastra guida regolabile per doppio montante
Adjustable side guide bracket
with guide roller for double column
упор с роликом боковой



cod.	mm.	pz/pcs	oliva	cuffia	A	B	C	E	F	H
459.P	PICCOLA	2	Ø40x60	SI	184	53	30	59	110	76
459.G	GRANDE	2	Ø60x82	NO	215	69	36	80	115	95

art. 460

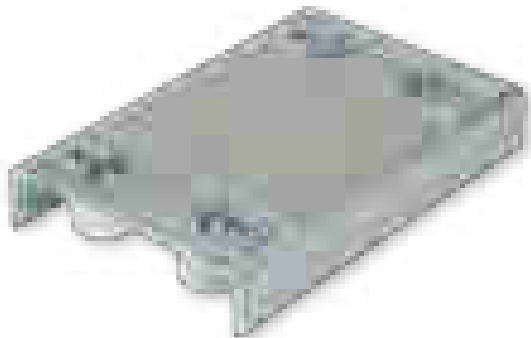
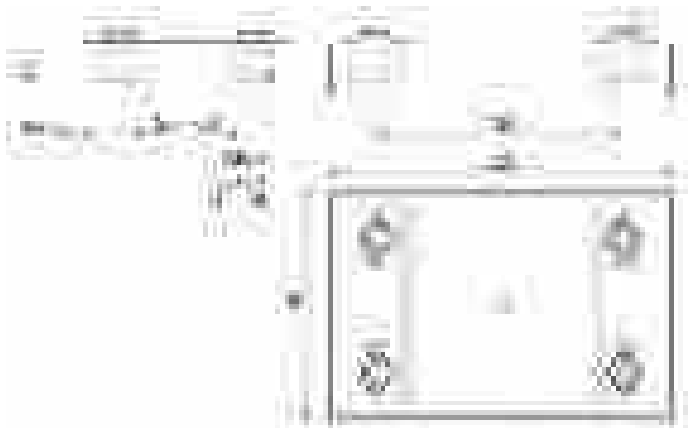
Mini piastra guida 2 olive bombate nylon
Upper guide bracket 2 guides rollers
направляющая верхняя 2 ролика



cod.	mm.	pz/pcs
460	UNICA	10

art. 461

Piastra guida 4 olive bombate nylon
Upper guide bracket 4 guide rollers
направляющая верхняя 4 ролика



cod.	mm.	pz/pcs
461	UNICA	10

art. 462

Piastra guida regolabile 4 olive nylon
Adjustable upper guide bracket 4 guide rollers
направляющая верхняя
регулируемая 4 ролика

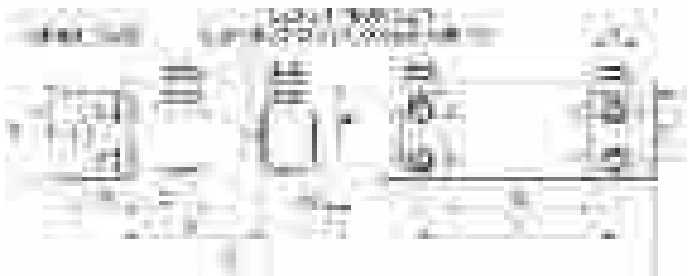
Versione Inox/Stainless Steel pag.190



cod.	mm.	pz/pcs	A	B	C	E	F	G	H	asole	L	sp	I	M	olive
462.P	PICCOLA	6	43-86	93-156	149-197	76	54	91	21	11x54	220	3	155	M14	Ø30x40
462.M	MEDIA	4	47-90	89-151	149-197	76	54	91	21	11x54	220	3	155	M16	Ø40x45
462.G	GRANDE	2	49-91	110-195	200-243	81	74	157	26	11x63	350	4	285	M16	Ø40x60

art. 462 STF

Piastra guida regolabile 4 olive nylon con staffe
Adjustable upper guide bracket 4 guide rollers,
with bracket to be fixed
направляющая верхняя
регулируемая 4 ролика с креплением



cod.	mm.	pz/pcs	olive	M	A	B	C	D	E	F	G	H	L	sp	I
462STF.P	PICCOLA	6	Ø30x40	M14	45-86	93-156	151-197	43	76	54	70-140	21	220	3	155
462STF.M	MEDIA	4	Ø40x45	M16	52-90	89-151	154-197	43	76	54	70-140	21	220	3	155
462STF.G	GRANDE	2	Ø40x60	M16	53-91	114-195	204-243	46	81	74	140-220	26	350	4	285

art. 463

Piastra guida regolabile pesante 4 olive nylon
Adjustable heavy upper guide bracket
4 guide rollers
направляющая верхняя
усиленная 4 ролика в кожухах



cod.	mm.	pz/pcs
463	UNICA	1

art. 463 STF

Piastra guida regolabile pesante
4 olive nylon con staffe
Adjustable heavy upper guide bracket
4 guide rollers, with bracket to be fixed
направляющая верхняя регулируемая
4 ролика с креплением, усиленная



cod.	mm.	pz/pcs
463STF	UNICA	1



art. 464

Piastra guida regolabile pesante 2 olive nylon
Adjustable heavy upper guide
bracket 2 guide rollers
направляющая верхняя усиленная
2 ролика в кожухах

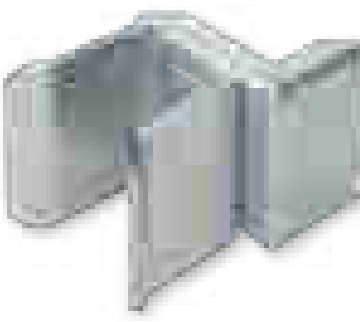


cod.	mm.	pz/pcs
464	UNICA	2



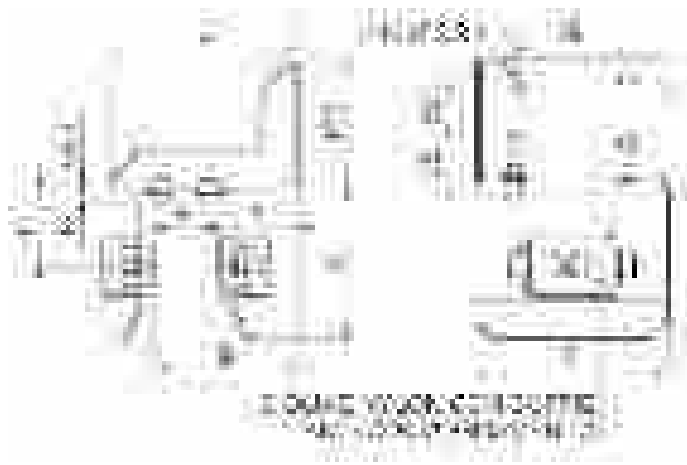
art. 465

Incontro superiore universale
regolabile con staffa
Adjustable end cup to be fixed
улавливатель створки оцинкованный



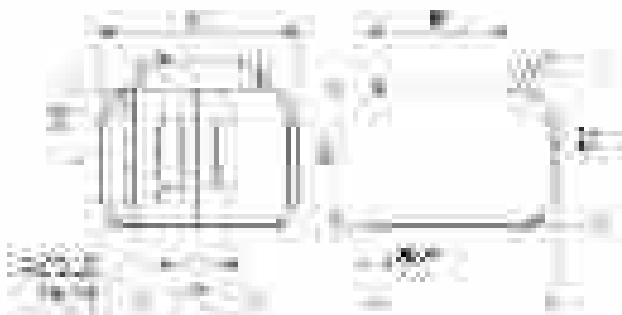
cod.	mm.	pz/pcs	A	B	E	F	G	L	R	bulloni
465.P	PICCOLO	2	36-104	76-144	105	80	40	150	40-108	M8
465.M	MEDIA	2	36-104	76-144	120	154	90	150	40-108	M8
465.G	GRANDE	2	56-184	96-224	120	154	90	230	40-168	M8

art. **467**
Incontro superiore universale regolabile
con staffa 2 olive nylon
Adjustable end cup 2 guide rollers to be fixed
улавливатель створки
оцинкованный с роликами



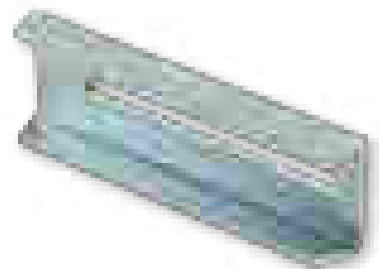
cod.	mm.	pz/pcs	olive	A	B	C	E	F	G	L	R	bulloni
467.P	PICCOLO	2	Ø40x45	41-109	71-139	54	105	80	40	150	30-98	M8
467.M	MEDIA	2	Ø40x60	41-109	71-139	62	120	154	90	150	30-98	M8
467.G	GRANDE	2	Ø40x60	61-189	91-219	62	120	154	90	230	30-158	M8

art. **468**
Incontro superiore regolabile anti-sollevamento
Adjustable upper end
улавливатель створки верхний



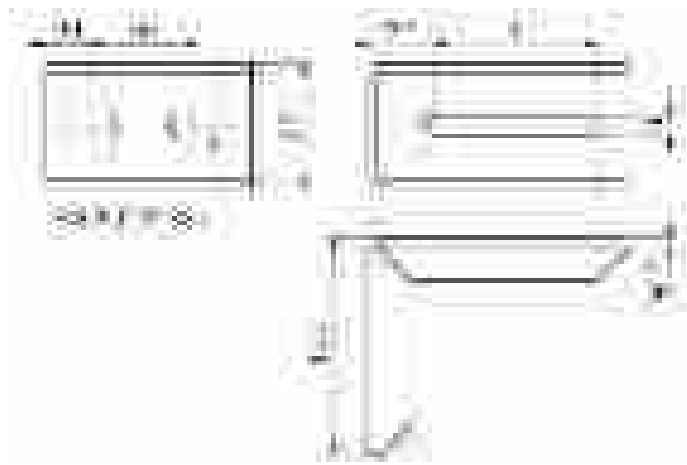
cod.	mm.	pz/pcs	A	B	C	I	L
468.40	TUB. 40	2	50	55	78	22	74
468.50	TUB. 50	2	60	65	88	30	84
468.60	TUB. 60	2	70	75	98	30	94

art. **468 s**
Staffa di fissaggio a saldare x art.468
Fixing bracket to be welded for art.468
установочная пластка под
сварку для улавливателя



cod.	mm.	pz/pcs	I	L
468S.120	120	2	75	120
468S.155	155	2	110	155

art. **468 STF**
Staffa di fissaggio a fissare x art.468
Fixing bracket to be fixed for art.468
установочная пластка
для улавливателя



cod.	mm.	pz/pcs	I	L
468STF.120	120	2	75	120
468STF.155	155	2	110	155

art. **447**
Oliva a rullo nylon
Nylon roller
ролик пластиковый



cod.	Ø	pz/pcs	A	L	vite	CH
447.25	25	12	30	70	M12x55	Es.10
447.30	30	8	30	77	M14x60	Es.12
447.40	40	8	30	77	M14x60	Es.12

art. **448**
Oliva nylon bombata Ø35x30
Convex nylon roller
ролик пластиковый



cod.	Ø	pz/pcs
448.35x30	35x30	10

art. 449

Oliva nylon bombata Ø40x30
Convex nylon roller
ролик пластиковый



ACCESSORI CANCELLI SCORREVOLI
Sliding Gates Accessories



cod.	Ø	pz/pcs
449.40x30	40x30	10

art. 450

Oliva nylon
Nylon roller
ролик пластиковый

Versione Inox/Stainless Steel pag.190



cod.	Ø	pz/pcs	A	L	CH	M
450.25x30	25x30	20	33	65	Es.6	M14
450.30x40	30x40	20	40	76	Es.6	M14
450.40x45	40x45	18	45	83	Es.8	M16
450.40x60	40x60	14	60	102	Es.8	M16

art. 450 SKH

Oliva nylon con cuffia di protezione
Nylon roller with protection cap
ролик нейлоновый в кожухе



cod.	Ø	pz/pcs	A	B	C	E	F	G	L	CH	M
450SKH.25x30	25x30	20	33	36	40	32	24	4,5	69	Es.4	M14
450SKH.30x40	30x40	20	40	43	47	36	29	4,5	80	Es.4	M14
450SKH.40x45	40x45	18	45	48	51	46	38	4,5	88	Es.5	M16
450SKH.40x60	40x60	14	60	63	67	46	38	4,5	107	Es.5	M16

ACCESSORI CANCELLI SCORREVOLI
Sliding Gates Accessories

art. 451

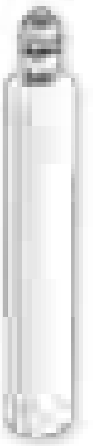
Oliva ottone
Brass roller
ролик латунный



cod.	Ø	pz/pcs	A	L	M	CH
451.30x40	30x40	8	40	76	M14	Es.6
451.40x45	40x45	10	45	83	M16	Es.8
451.40x60	40x60	10	60	102	M16	Es.8

art. 452

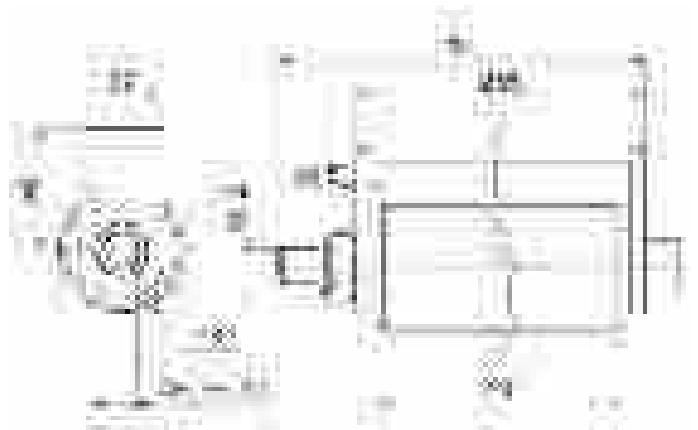
Oliva lunga nylon
Nylon roller long
ролик пластиковый



cod.	Ø	pz/pcs
452	44x220	8

art. 452 PST

Oliva lunga nylon con supporto a fissare
Nylon roller long with support fixed
ролик пластиковый



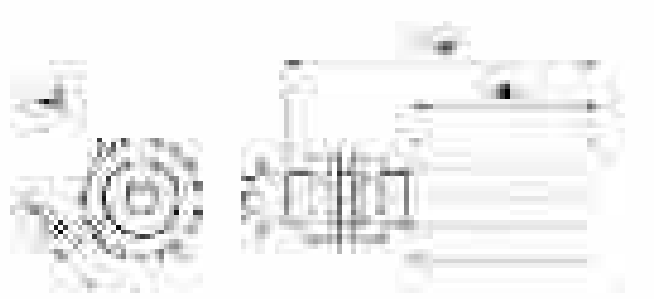
cod.	Ø	pz/pcs
452PST	41x240	8

art. 453

Oliva Black-Soft nylon anti-graffio
Black-Soft roller nylon
Black-Soft ролик пластиковый



COMING
SOON!



cod.	Ø	pz/pcs
453.40x60	40x60	10

art. 455

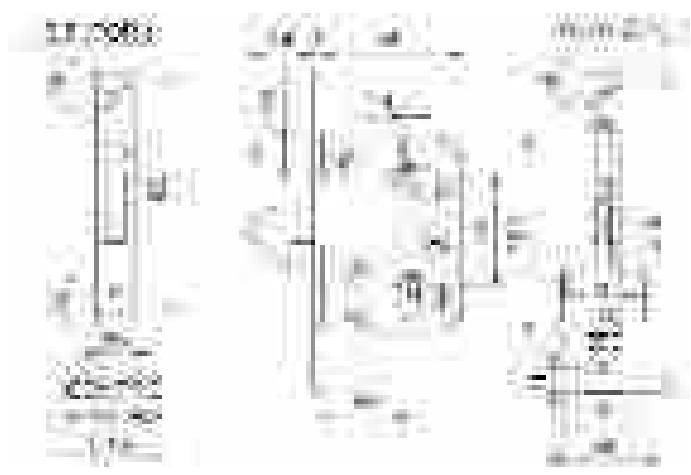
Guida a cuscinetto
Upper guide with bearing
направляющая на подшипнике



cod.	Ø	pz/pcs	A	cuscinetto
455.32	32	12	10	6201-2RS
455.35	35	12	11	6202-2RS
455.42	42	12	13	6302-2RS

art. 350

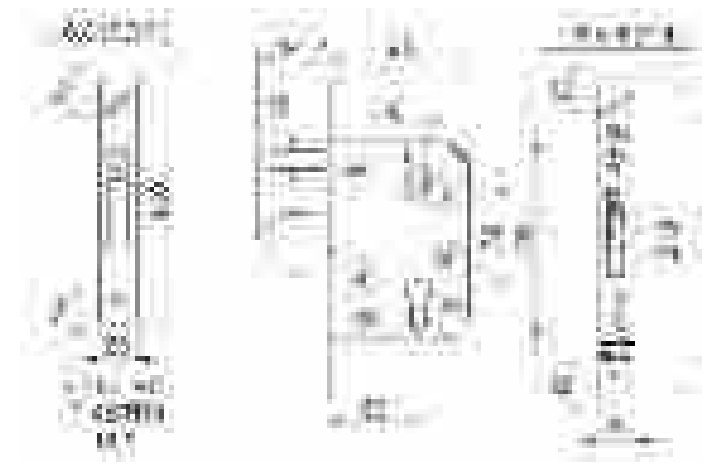
Serratura a gancio con contropiastra e cilindro
Sliding gates hook-lock
w/counter-plate w/cylinder
замок для откатных ворот с
цилиндром 60мм и ответной планкой



cod.	mm.	pz/pcs
350.60	60	1

art. 351

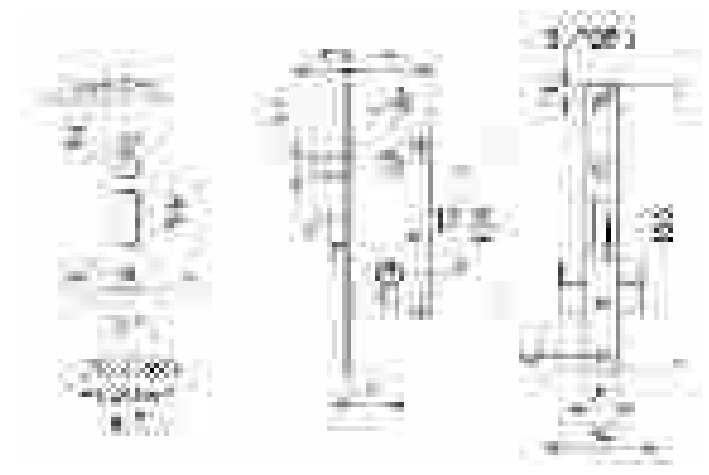
Serratura a gancio con
contropiastra senza cilindro
Sliding gates hook-lock
w/counter-plate without cylinder
замок для откатных ворот
с ответной планкой



cod.	Ø	pz/pcs
351.60	60	1

art. 353

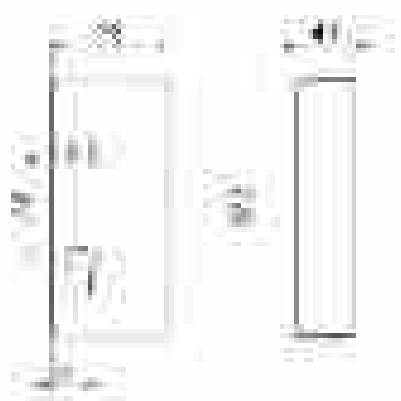
Serratura a gancio con
contropiastra e cilindro
Sliding gates hook-lock
w/counter-plate w/cylinder
замок для откатных ворот с
цилиндром и ответной планкой



cod.	mm.	pz/pcs	A	B
353.30	30	5	27	53
353.40	40	5	37	63

art. 354

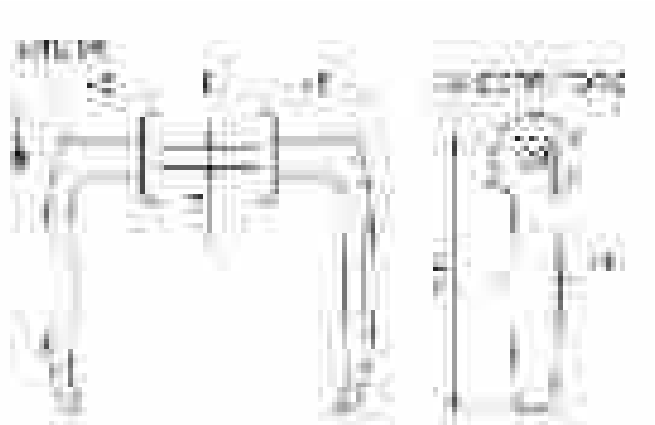
Scatola copriserratura
Lock cover box
кожух для замка оцинкованный



cod.	mm.	pz/pcs	A
354.40	40	6	20
354.50	50	6	10

art. 355

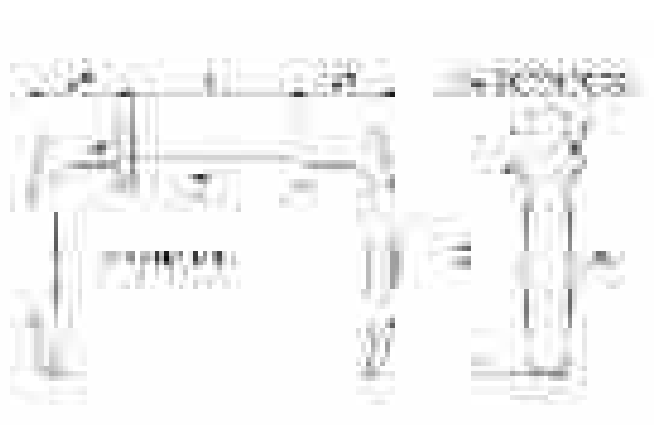
Maniglia con vite in testa verniciata
Painted handle with screw
ручка чёрная



cod.	mm.	pz/pcs	L
355.25/35	25-35	20	25-35
355.40/50	40-50	20	40-50
355.50/60	50-60	20	50-60

art. 357

Maniglia con grano regolabile verniciata
Painted handle with adjustable pin
ручка чёрная

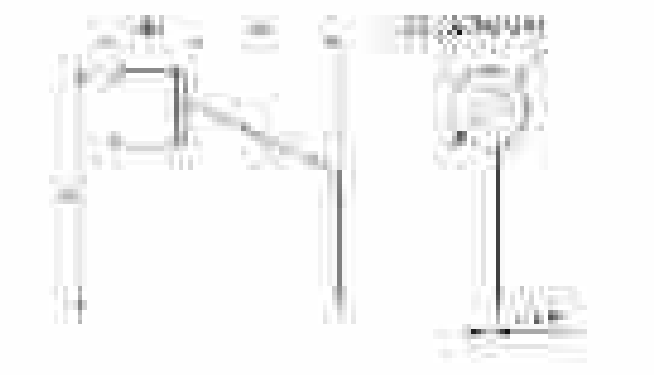


cod.	mm.	pz/pcs	L
357	UNICA	20	64-77

art. 381

Arresto fine-corsa a saldare
Sliding gate stop to be welded
буфер для откатных ворот под сварку

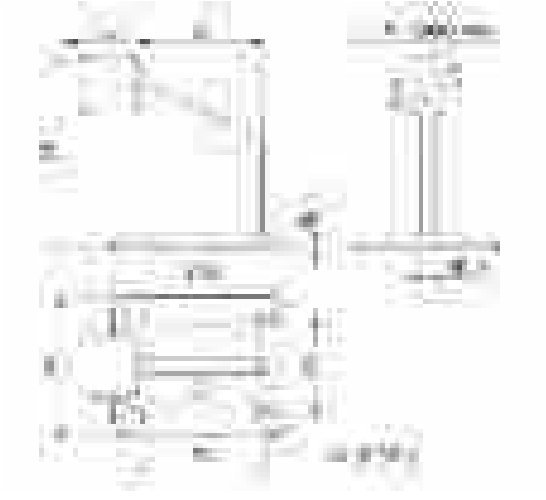
Versione Inox/Stainless Steel pag.193



cod.	mm.	pz/pcs	A	H
381.P	PICCOLO	10	50	90
381.G	GRANDE	10	70	110

art. 382

Arresto fine-corsa con piastra a fissare
Sliding gate stop screw fix
буфер для откатных
ворот под болты

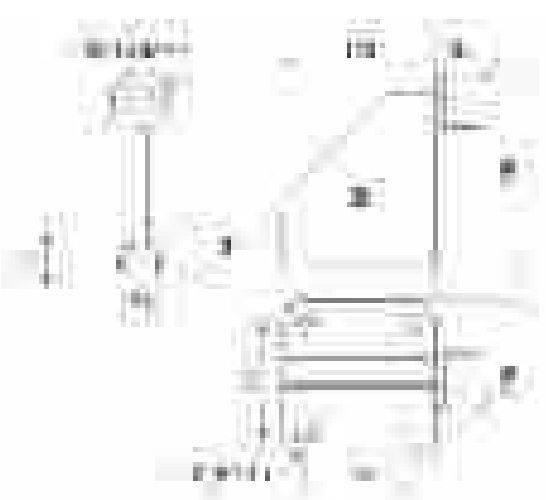


cod.	mm.	pz/pcs	A	H
382.P	PICCOLO	10	50	91
382.G	GRANDE	10	70	111

art. 383

Arresto fine-corsa con piastra
copribinario a fissare
Sliding gate stop, track mounted, screw fix
буфер для откатных ворот на
направляющую под болты

Versione Inox/Stainless Steel pag.193



cod.	mm.	pz/pcs
383	GRANDE	10

art. 384

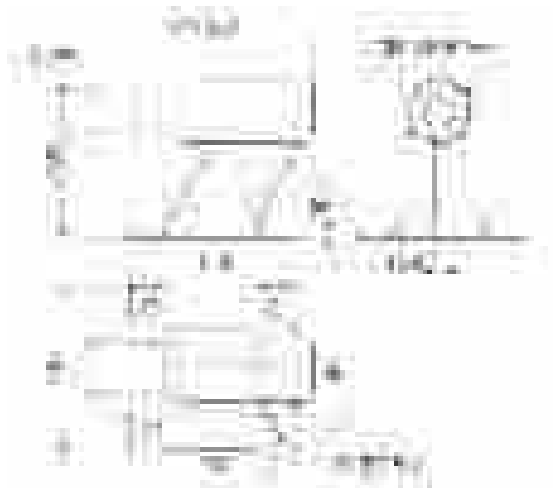
Arresto fine-corsa ammortizzato a saldare
Sliding gate stop with shock absorber
буфер для откатных ворот под
сварку с амортизатором



cod.	mm.	pz/pcs
384	GRANDE	4

art. 384 F

Arresto fine-corsa ammortizzato
con piastra a fissare
Sliding gate stop with plate w/shock absorber
буфер для откатных ворот
под болты с амортизатором

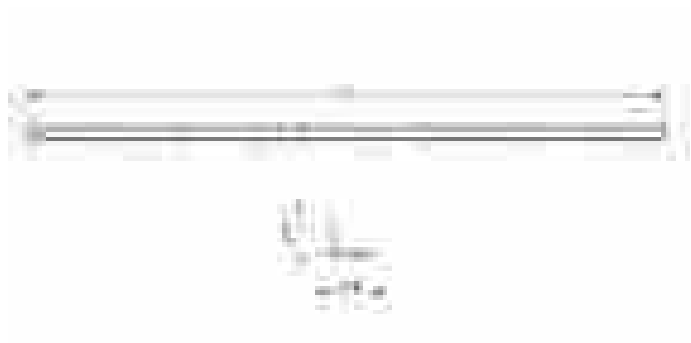


cod.	mm.	pz/pcs
384F	GRANDE	4

art. 800

Cremagliera quadra 22x22 M.4
Square sliding gate rack
рейка зубчатая м.4 22x22 мм

Versione Inox/Stainless Steel pag.190



cod.	m.	pz/pcs	L	modulo	nr. denti	passo	ang. press.
800.22x1	1	5	1005	M.4	80	12,566	20°
800.22x2	2	5	2010	M.4	160	12,566	20°

art. 805

Cremagliera rettangolare 30x12 m.4
Rectangular sliding gate rack
рейка зубчатая м.4 30x12 мм

Versione Inox/Stainless Steel pag.191



cod.	m.	pz/pcs	L	nr. asole	modulo	nr. denti	passo	ang. press.
805.30x12x1	1	10	1005	3	M.4	80	12,566	20°
805.30x12x2	2	5	2010	4	M.4	160	12,566	20°

art. 806

Cremagliera quadra 30x30 m.6
Square sliding gate rack
рейка зубчатая м.6 30x30 мм



cod.	m.	pz/pcs	modulo	nr. denti	passo	ang. press.
806.30x1	1	5	M.6	53	18,84	20°

art. 807

Cremagliera rettangolare 30x8 m.4
Rectangular sliding gate rack
рейка зубчатая м.4 30x8 мм

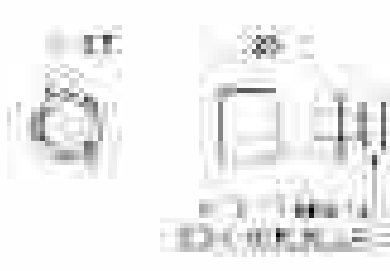


cod.	m.	pz/pcs	nr. asole	modulo	nr. denti	passo	ang. press.
807.30x8x1	1	10	3	M.4	80	12,566	20°

art. 810

Attacco per cremagliera a saldare
Rack fixing screw, to be welded
болт для рейки зубчатой

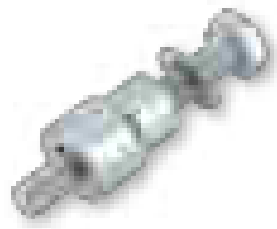
Versione Inox/Stainless Steel pag.191



cod.	m.	pz/pcs
810	UNICA	30

art. 811

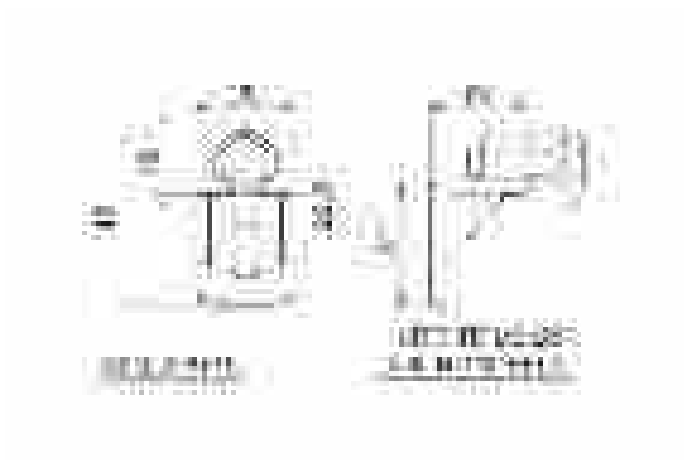
Attacco per cremagliera da avvitare
Rack fixing screw, screw fix
болт для рейки зубчатой



cod.	m.	pz/pcs
811	UNICA	30

art. 812

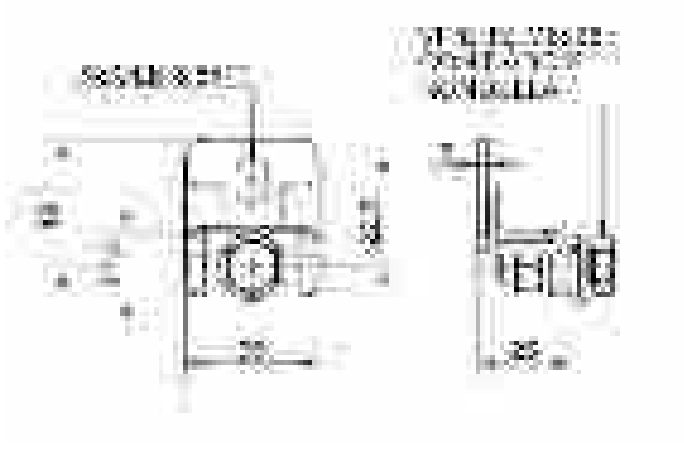
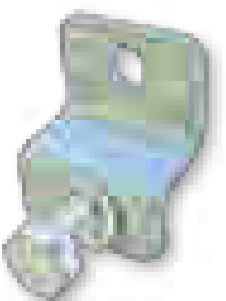
Attacco per cremagliera regolabile in zama
Adjustable rack fixing screw
крепление для зубчатой
рейки регулируемое



cod.	m.	pz/pcs
812	UNICA	30

art. 813

Attacco per cremagliera regolabile stampato
Adjustable rack fixing screw
крепление для зубчатой
рейки регулируемое



cod.	m.	pz/pcs
813	UNICA	30

art. 820 NY

Cremagliera nylon c/attacchi inferiori - mod. pesante
Nylon heavy rack with bottom fixing
рейка зубчатая пластиковая



cod.	m.	pz/pcs	modulo	nr. denti	passo	ang. press.
820NY	1	10	M.4	80	12,566	20°



cod.	m.	pz/pcs	modulo	nr. denti	passo	ang. press.
822NY	1	10	M.4	80	12,566	20°



cod.	m.	pz/pcs	modulo	nr. denti	passo	ang. press.
824NY	1	10	M.4	80	12,566	20°

art. 822 NY

Cremagliera nylon c/attacchi inferiori - mod. medio
Nylon medium rack with bottom fixing
рейка зубчатая пластиковая



art. 824 NY

Cremagliera nylon c/attacchi superiori - mod. medio
Nylon medium rack with hingher fixing
рейка зубчатая пластиковая



art. 829

Accessori di fissaggio per cremagliere nylon
Hardware fixing for nylon rack
болт для крепления рейки
зубчатой пластиковой



cod.	m.	pz/pcs
829	UNICA	60

art. 745

Carrello girevole 2 ruote
Twist trolley 2 wheels/bearings
тележка подвесная
2 колеса/подшипника



cod.	mm.	pz/pcs	A	B	C	ØD	M	portata
745.P	PICCOLO	12	49	50	22	Ø24	M8	30 kg.
745.M	MEDIO	12	128	66	22,5	Ø44	M12	100 kg.
745.G	GRANDE	6	158	85	30	Ø54	MB18	200 kg.

art. 747

Carrello girevole 4 ruote
Twist trolley 4 wheels/bearings
тележка подвесная
4 колеса/подшипника



cod.	mm.	pz/pcs	A	B	C	ØD	E	M	portata
747.P	PICCOLO	6	49	-	22	Ø24	35	M8	42 kg.
747.M	MEDIO	6	128	66	22,5	Ø44	51	M12	325 kg.
747.G	GRANDE	6	158	85	30	Ø54	62	MB18	375 kg.

art. 750

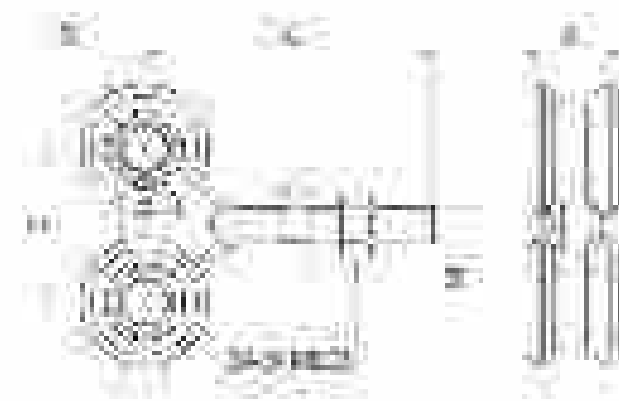
Carrello scorrevole 2 ruote
Sliding trolley with 2 wheels/bearings
тележка подвесная
оцинкованная 2 колеса



cod.	mm.	pz/pcs	A	C	ØD	M	portata
750.P	PICCOLO	12	48	21,5	Ø24	M8	30 kg.
750.M	MEDIO	12	95	22	Ø42	M12	100 kg.
750.G	GRANDE	6	125	30	Ø55	M20	200 kg.

art. 752

Carrello scorrevole 4 ruote
Sliding trolley with 4 wheels/bearings
тележка подвесная
оцинкованная 4 колеса



cod.	mm.	pz/pcs	A	C	ØD	E	M	portata
752.P	PICCOLO	6	48	21,5	Ø24	30	M8	50 kg.
752.M	MEDIO	6	95	22	Ø42	50	M12	300 kg.
752.G	GRANDE	6	125	30	Ø55	60	M20	375 kg.

art. 753

Carrello scorrevole 2 ruote
con cuscinetti schermati
Sliding trolley with 2 screened
wheels/bearings
тележка подвесная оцинкованная
2 колеса на закрытых подшипниках

Versione Inox/Stainless Steel pag.191

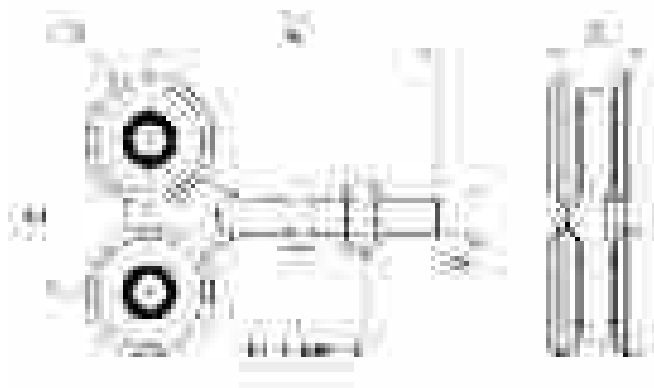


cod.	mm.	pz/pcs	A	C	ØD	M	portata
753.M	MEDIO	12	95	22	Ø42	M12	150 kg.
753.G	GRANDE	6	125	30	Ø55	M20	275 kg.

art. 754

Carrello scorrevole 4 ruote
con cuscinetti schermati
*Sliding trolley with 4 screened
wheels/bearings*
тележка подвесная оцинкованная
4 колеса на закрытых подшипниках

Versione Inox/Stainless Steel pag.192



cod.	mm.	pz/pcs	A	C	ØD	E	M	portata
754.M	MEDIO	6	95	22	Ø42	50	M12	400 kg.
754.G	GRANDE	6	125	30	Ø55	60	M20	500 kg.

art. 755 NY

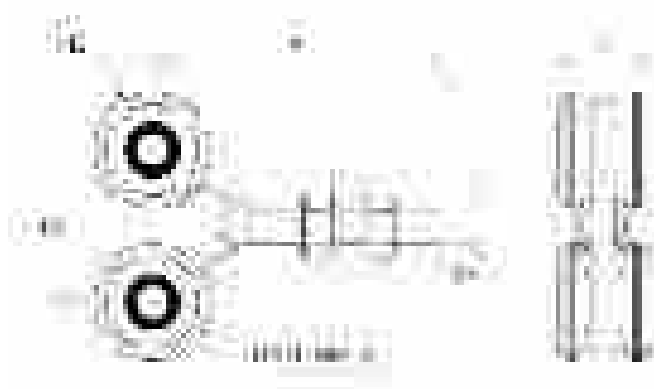
Carrello scorrevole 2 ruote nylon
con cuscinetti schermati
*Nylon sliding trolley with
2 screened wheels/bearings*
тележка подвесная с
нейлоновыми роликами



cod.	mm.	pz/pcs	A	C	ØD	M	cusc. schermati
755NY.P	PICCOLO	12	48	21,5	Ø24	M8	no
755NY.M	MEDIO	12	95	22	Ø40	M12	si

art. 756 NY

Carrello scorrevole 4 ruote nylon
con cuscinetti schermati
*Nylon sliding trolley with 4 screened
wheels/bearings*
тележка подвесная с
нейлоновыми роликами



cod.	mm.	pz/pcs	A	C	ØD	E	M	cusc. schermati
756NY.P	PICCOLO	6	48	21,5	Ø24	30	M8	no
756NY.M	MEDIO	6	95	22	Ø40	50	M12	si

art. 768

Carrello scorrevole 2 ruote con staffa
Sliding trolley with 2 wheels/bearings
тележка подвесная
оцинкованная 2 колеса



cod.	mm.	pz/pcs	portata
768.24	PICCOLO	12	30 kg.

art. 770

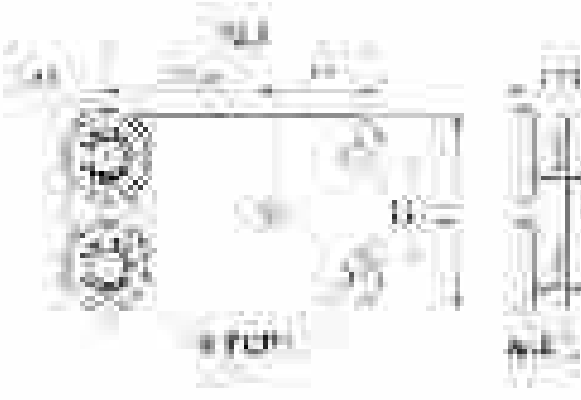
Carrello scorrevole 2 ruote con staffa lunga
Sliding trolley with 2 wheels/bearings
тележка подвесная
оцинкованная 2 колеса



cod.	mm.	pz/pcs	portata
770.24	PICCOLO	12	30 kg.

art. 772

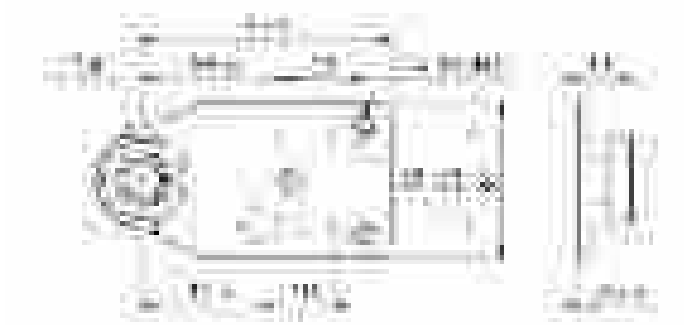
Carrello scorrevole 4 ruote con staffa larga
Sliding trolley with 4 wheels/bearings
тележка подвесная
оцинкованная 4 колеса



cod.	mm.	pz/pcs	portata
772.24	PICCOLO	6	50 kg.

art. 774

Carrello scorrevole 1 ruota con staffa
Sliding trolley with 1 wheel/bearing
тележка подвесная
оцинкованная 1 колесо



cod.	mm.	pz/pcs	portata
774.24	PICCOLO	12	15 kg.

art. 776

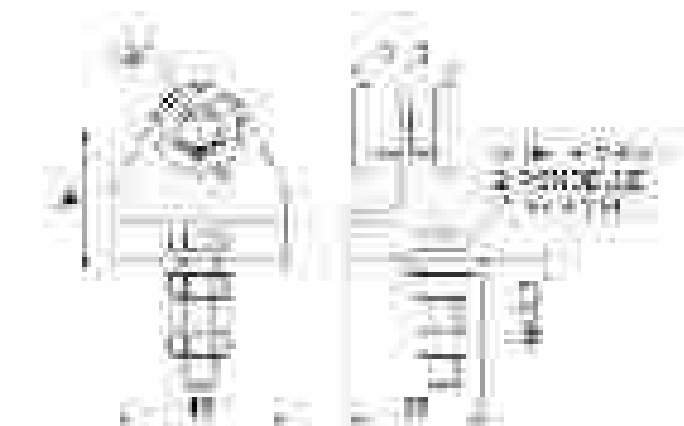
Carrello scorrevole 2 ruote con staffa
Sliding trolley with 2 wheels/bearings
тележка подвесная
оцинкованная 2 колеса



cod.	mm.	pz/pcs	portata
776.24	PICCOLO	12	30 kg.

art. 778

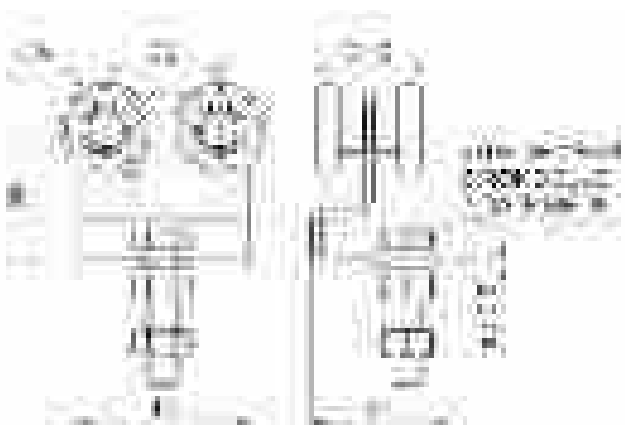
Carrello scorrevole 2 ruote con staffa piegata
Sliding trolley with 2 wheels/bearings
тележка подвесная
оцинкованная 2 колеса



cod.	mm.	pz/pcs	portata
778.24	PICCOLO	12	30 kg.

art. 780

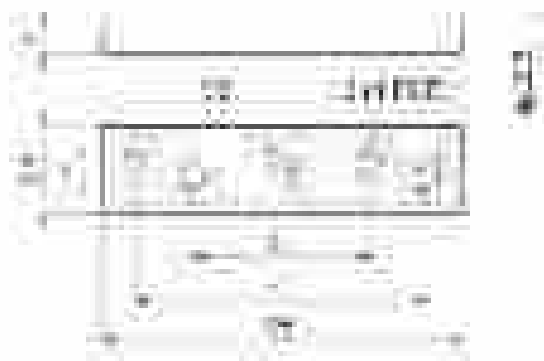
Carrello scorrevole 4 ruote con staffa piegata
Sliding trolley with 4 wheels/bearings
тележка подвесная
оцинкованная 4 колеса



cod.	mm.	pz/pcs	portata
780.24	PICCOLO	12	50 kg.

art. 782

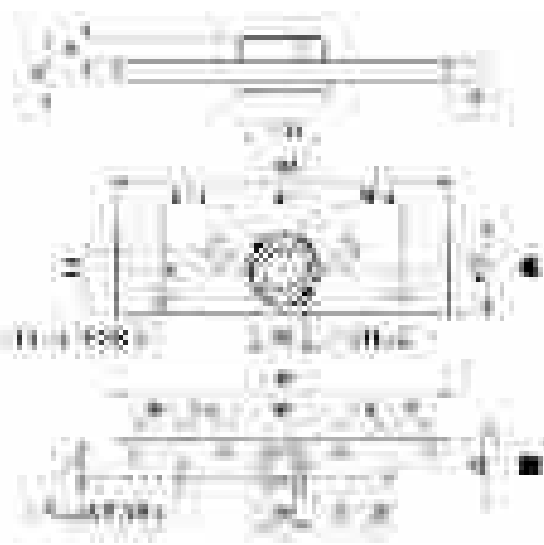
Staffa per carrelli scorrevoli
Mounting - plate
планка монтажная



cod.	mm.	pz/pcs
782.8	PICCOLA	50

art. 783

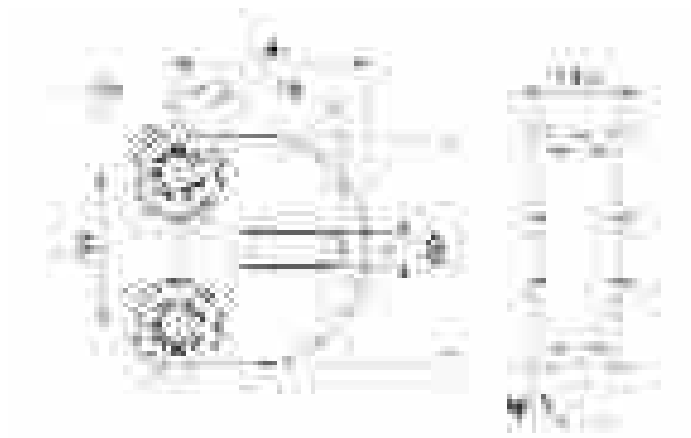
Staffa girevole
Twist bracket
пластина монтажная



cod.	mm.	pz/pcs	A	B	ØD	sp.	M	
783.12	M12	10	18	7	Ø24	5	M12	▪
783.18	M18	6	32	10	Ø40	8	MB18	•
783.20	M20	6	32	10	Ø40	8	M20	•

art. 784

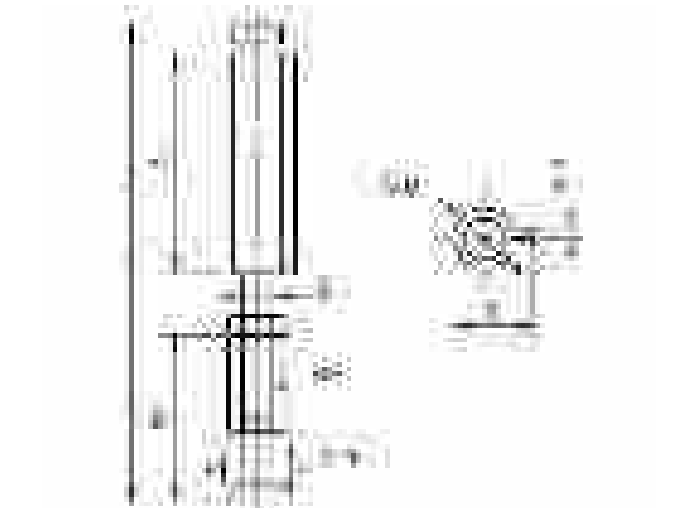
Carrello scorrevole 4 ruote
con staffa mezzaluna
Sliding trolley with 4 wheels/bearings
нижний направляющий
стержень с роликом и петлей



cod.	mm.	pz/pcs	portata
784.24	PICCOLO	12	50 kg.

art. 786

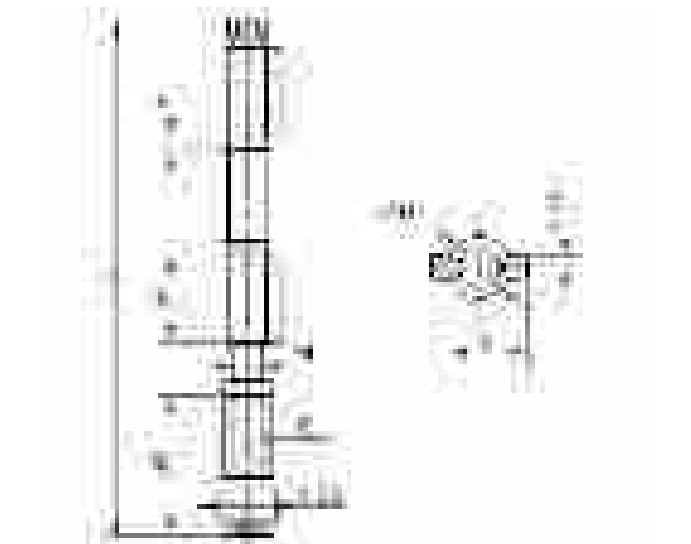
Perno guida inferiore con oliva e cerniera
Lower guide pin with olive and hinge
нижний направляющий
стержень с роликом и петлей



cod.	mm.	pz/pcs	A	B	ØD	L	M	CH.
786.12	M12	12	80	23	Ø18	165-175	M12	CH.17
786.14	M14	12	96	27	Ø20	180-190	MB14	CH.19

art. 788

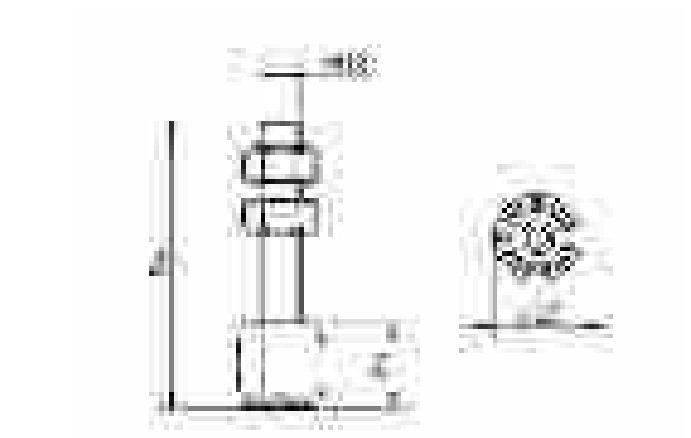
Perno guida inferiore con oliva e cerniera 3 ali
Lower guide pin with olive and hinge
нижний направляющий
стержень с роликом и петлей



cod.	mm.	pz/pcs	A	B	ØD	L	M	CH.
788.12	M12	12	39	23	Ø18	215-225	M12	CH.17
788.14	M14	12	39	27	Ø20	215-225	MB14	CH.19

art. 790

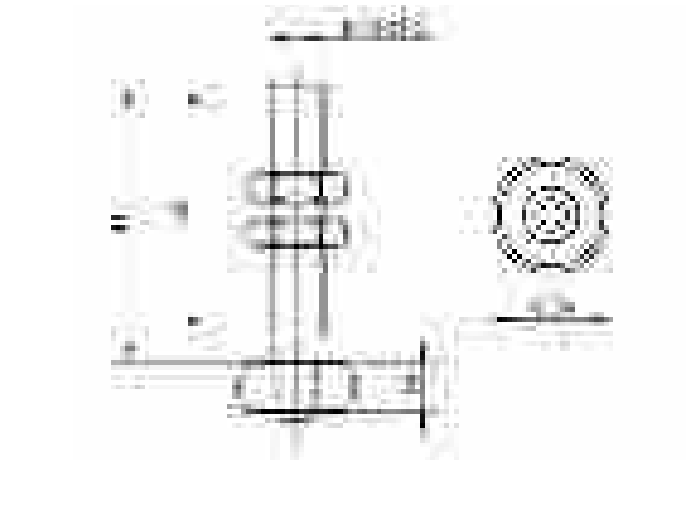
Perno guida con oliva ottone
Guide pin with brass olive
направляющий стержень
с латунным роликом



cod.	mm.	pz/pcs
790.12	M12	10

art. 792

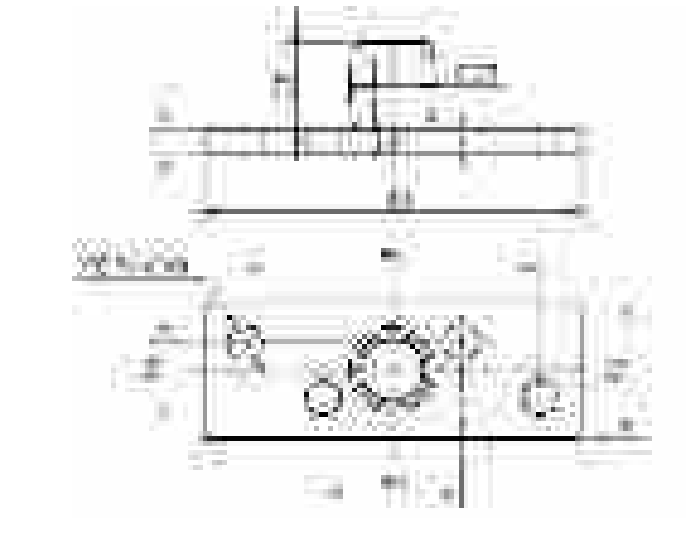
Deviatore con rullo di guida
Guide pin with roller
направляющий стержень
с роликом



cod.	mm.	pz/pcs
792.16	M16	10

art. 794

Staffa fissa con oliva girevole in ottone
Fix plate with rotating brass olive
фиксирующая пластина с
вращающимся латунным роликом



cod.	mm.	pz/pcs
794	Ø25	10

art. 920

Monorotaia superiore per carrelli scorrevoli
Sliding trolley track
рельс направляющий подвесной

Versione Inox/Stainless Steel pag.192



cod.	mm.	pz/pcs	L	A	C	H	sp
920.P6	PICCOLA	1	6000	34	21,5	30	1,5
920.M6	MEDIA	1	6000	43	22	53	2,5
920.G6	GRANDE	1	6000	57	30	68	3

art. 922

Supporto a soffitto
Ceiling adjustable support for tarck art.920
Потолочный кронштейн с
регулировкой для рельсы арт.920



cod.	mm.	pz/pcs	A	B	C	L	SP.	sp.
922.P	PICCOLO	6	41	48	110	60	4	3
922.M	MEDIO	6	52	71	120	60	4	4
922.G	GRANDE	6	66	86	130	60	4	4

art. 924

Supporto a parete
Side adjustable support for track art.920
Настенный кронштейн с
регулировкой для рельсы арт.920



cod.	mm.	pz/pcs	A	B	C	L	H	SP.	sp.
924.P	PICCOLO	6	41	48	60	60	50	4	3
924.M	MEDIO	6	52	71	70	60	50	4	4
924.G	GRANDE	6	66	86	80	60	50	4	4



COMPONENTE DA SALDARE_COMPONENTS REQUIRING WELDING

- Realizzare una saldatura di dimensioni adatte a supportare le forze in gioco e con materiale d'apporto idoneo.
- Rinforzare adeguatamente le zone d'attacco all'anta e/o alla struttura / telaio.
- The weld must be adequately sized to support the applied forces and with suitable electrode material.
- Adequately strengthen the areas anchoring the door and/or structure / frame.



COMPONENTE DA FISSARE_COMPONENTS REQUIRING SCREW MOUNTING

- Fissare con tasselli / bulloni di dimensioni adatte a supportare le forze in gioco.
- Rinforzare adeguatamente le zone d'attacco all'anta e/o alla struttura / telaio.
- Mount with adequately sized expansion bolts capable of sustaining the applied forces.
- Adequately strengthen the areas anchoring the door and/or structure / frame.



COMPONENTE DA MURARE_COMPONENTS REQUIRING WALLING IN

- Legare / saldare all'armatura della struttura in cemento armato, proteggere i filetti durante la fase di getto.
- Verificare che la struttura sia adatta a supportare le forze in gioco, rinforzare adeguatamente le zone d'attacco.
- Tie / weld to the rods in the armoured concrete structure, protect the threads during casting.
- Ensure that the structure can sustain the applied forces, adequately strengthening the anchor areas.



COMPONENTE REGOLABILE_ADJUSTABLE COMPONENT

- Regolazione effettuabile ad accessorio montato.
- The accessory can be adjusted after installation.



CUSCINETTO A SFERE BALL BEARING

- Cuscinetto radiale ad una corona di sfere con guarnizioni striscianti (2RS).• Senza manutenzione.
- Single row radial bearing with contact seals (2RS).• Maintenance-free.



CUSCINETTO A SFERE BALL BEARING

- Cuscinetto radiale ad una corona di sfere senza guarnizioni.
- Lubrificare prima dell'installazione. Usare grasso che supporti le condizioni ambientali, evitare grassi che tendono ad essiccarsi rapidamente.
- Single row radial bearing without seals.
- Lubricate before installation. Use grease suited to the ambient conditions, avoid grease that tends to dry rapidly.



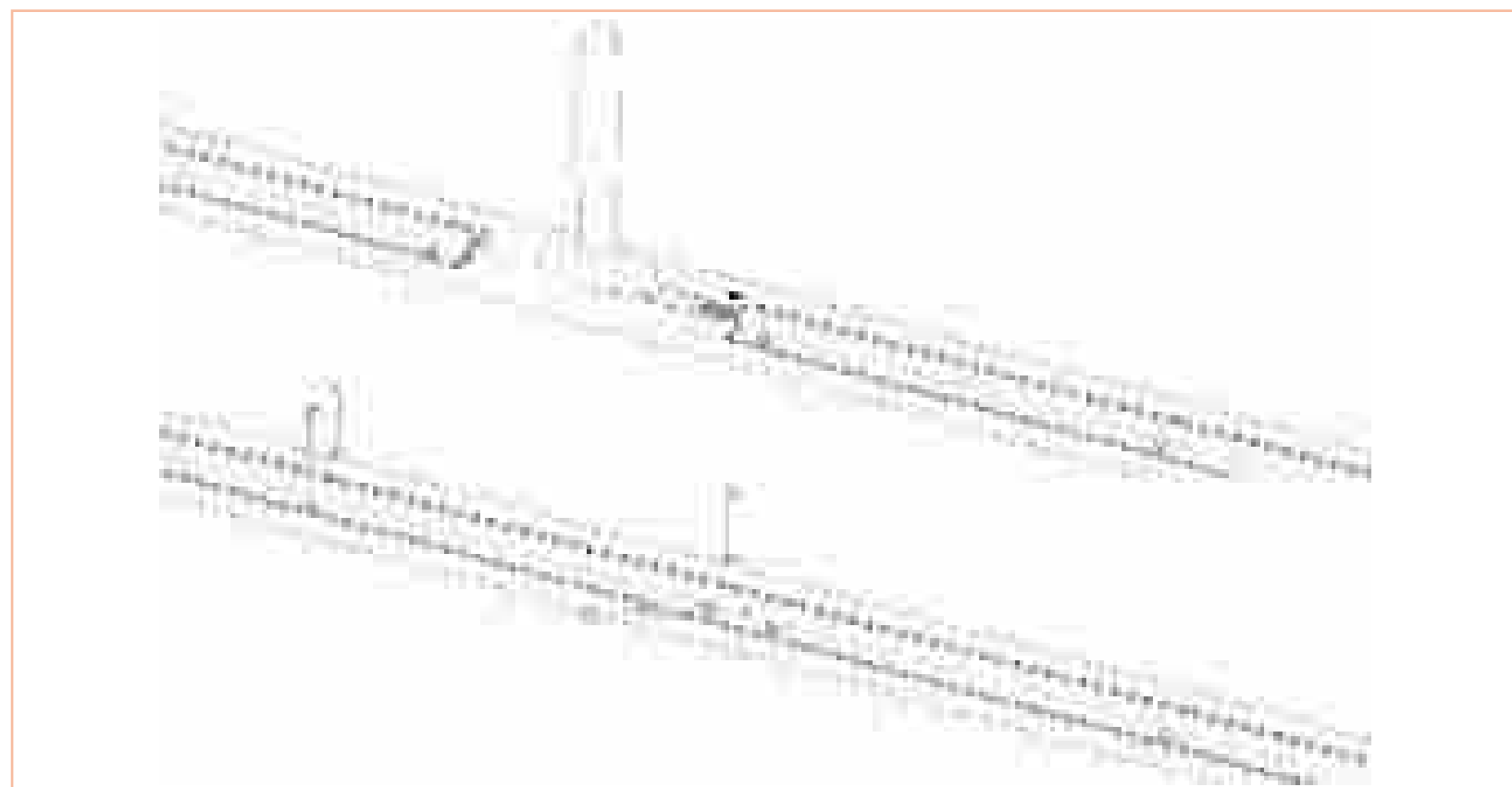
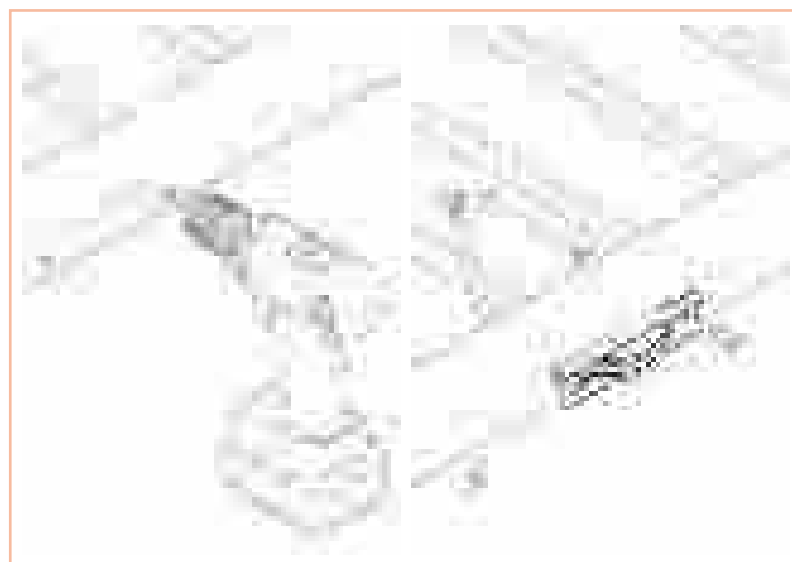
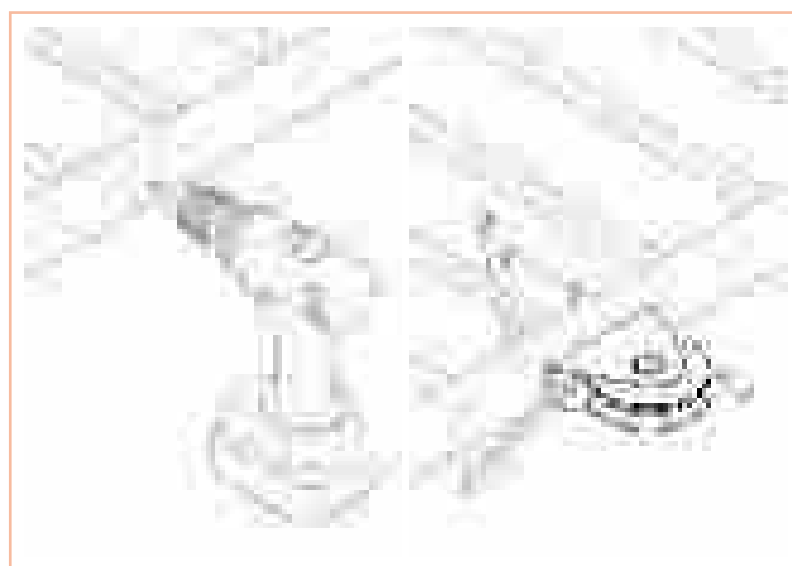
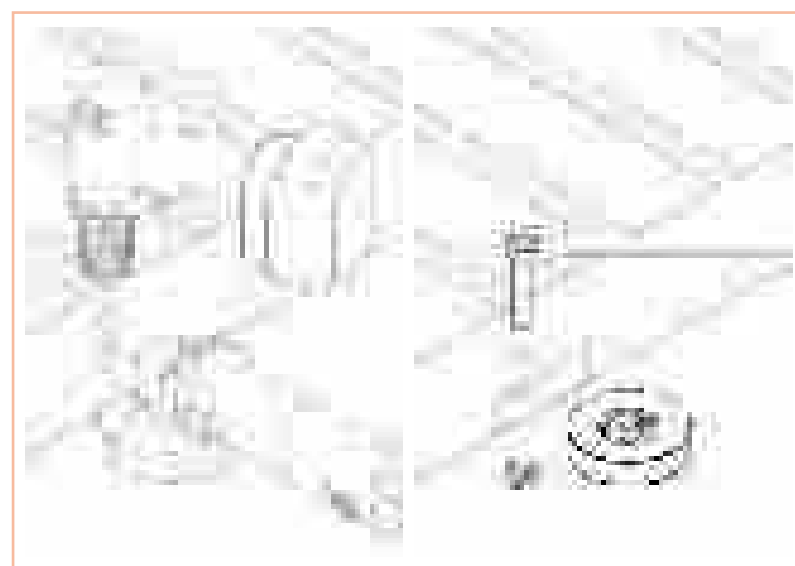
INGRASSATORE_GREASE NIPPLE

- Presenza di ingrassatore M6 sull'accessorio. • Lubrificazione effettuabile ad accessorio montato..
- The accessory has an M6 greaser. • Lubrication with accessory installed.

NOTE
Notes

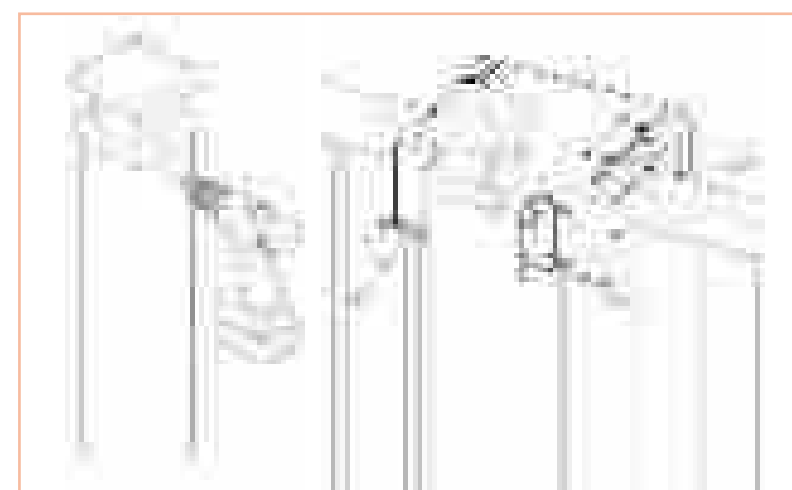
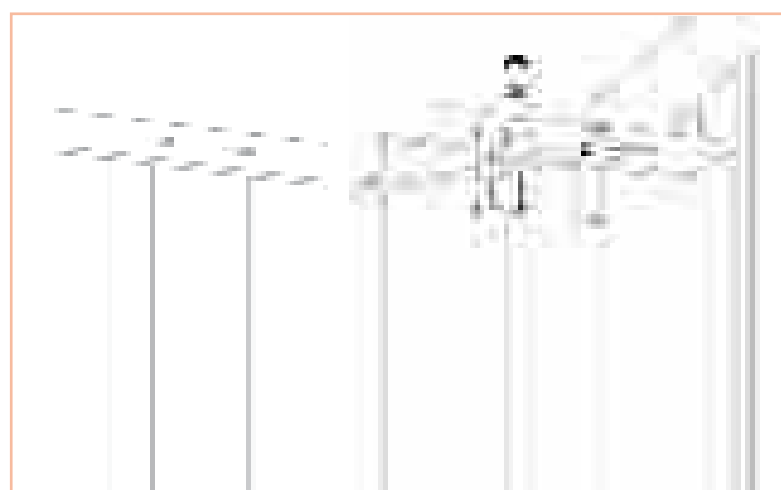
APPLICATIVI

Applications



APPLICATIVI

Applications





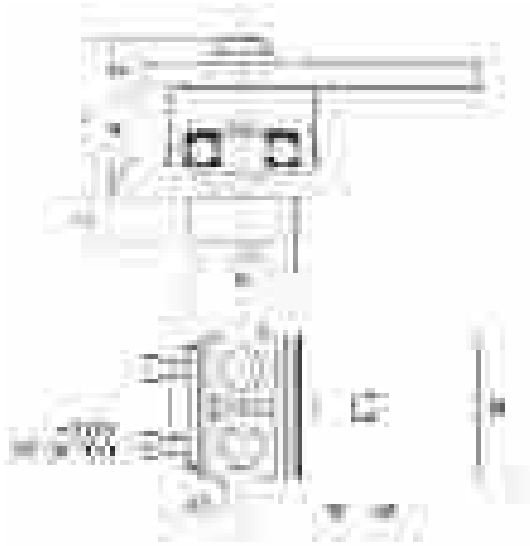
ACCESSORI
CANCELLI
BATTENTI
Swing
Gates
Accessories

PERFECTION



art. 343

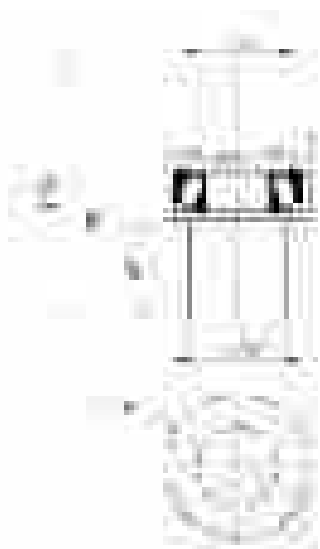
Cardine con cuscinetto regolabile
Adjustable hinge with bearing
петля регулируемая с подшипником



cod.	mm.	pz/pcs	ØA	B	C	ØD	E	H	viti TE
343.40	tub. 40	4	Ø33	40x40	17	Ø60	33	66,5	M10
343.50	tub. 50	4	Ø43	50x50	17	Ø60	33	66,5	M10
343.60	tub. 60	4	Ø53	60x60	19	Ø68	35	68,5	M10

art. 344

Maxi perno
Bottom maxi pin
петля опорная, нижняя, большая



cod.	mm.	pz/pcs	ØA	ØB
344.40	tub. 40	4	Ø33	Ø59
344.50	tub. 50	4	Ø43	Ø59
344.60	tub. 60	4	Ø53	Ø64

art. 345 P

Cardine con cuscinetto regolabile piccolo
Small adjustable hinge w/bearing
петля регулируемая с подшипником, малая



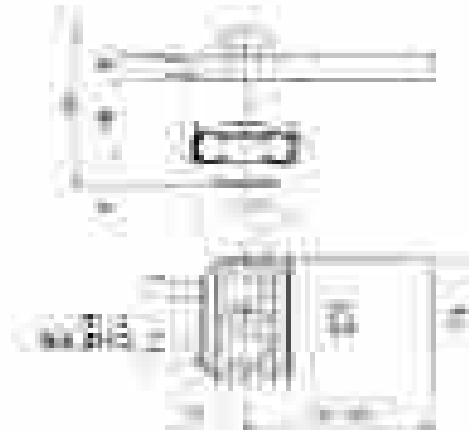
cod.	mm.	pz/pcs	viti TE
345.P	PICCOLO	4	M10



art. 345 RM

Cardine con cuscinetto regolabile medio con viti di registro
Medium adjustable hinge w/screws w/bearing
петля регулируемая с подшипником, средняя

Versione Inox/Stainless Steel pag.194

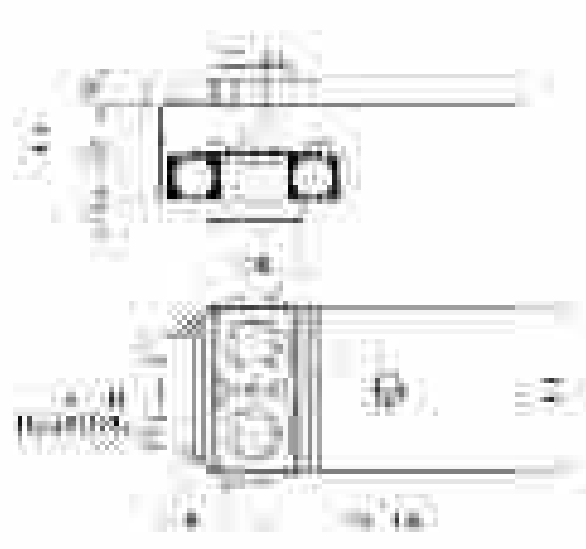


cod.	mm.	pz/pcs	viti reg.	viti TE
345R.M	MEDIO	4	M6	M10

art. 345 RG

Cardine con cuscinetto regolabile grande con viti di registro
Large adjustable hinge w/screws w/bearing
петля регулируемая с подшипником, большая

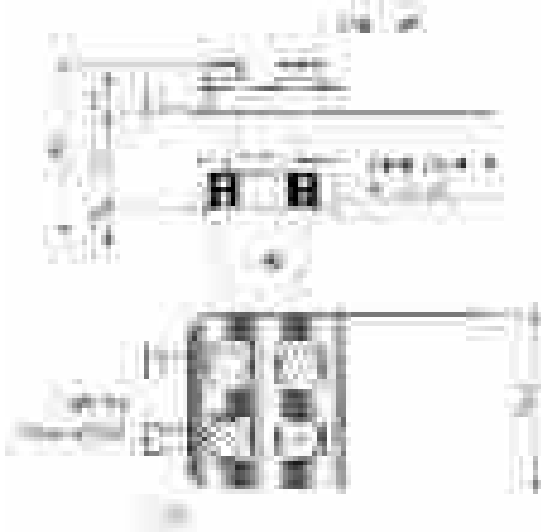
Versione Inox/Stainless Steel pag.194



cod.	mm.	pz/pcs	viti TE	viti reg.
345R.G	GRANDE	4	M10	M6

art. 345R MAXI

Cardine con cuscinetto regolabile Maxi con viti di registro
Maxi adjustable hinge w/screws w/bearing
петля регулируемая с подшипником, большая

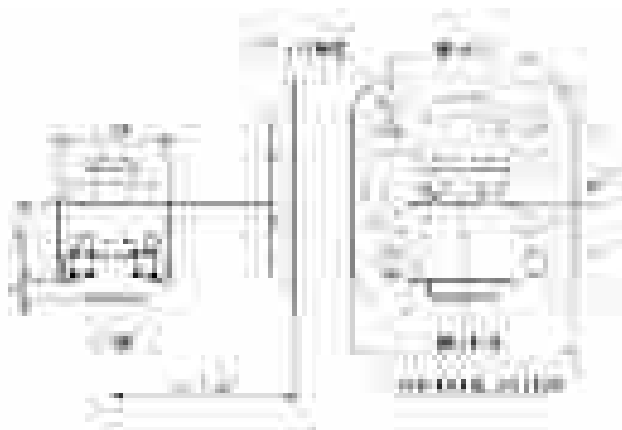


cod.	mm.	pz/pcs	viti TE	viti reg.
345R.MAXI	MAXI	4	M14	M10



art. **345 RMPST**

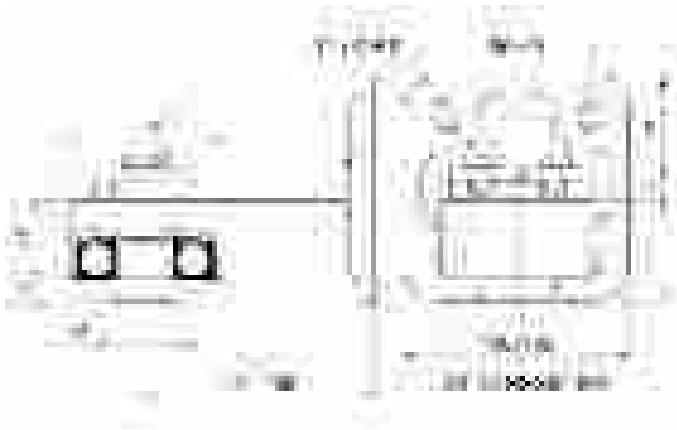
Cardine con cuscinetto regolabile medio
con viti di registro e piastra
*Medium adjustable hinge w/plate
w/screws w/bearing*
петля регулируемая с
подшипником, большая



cod.	mm.	pz/pcs	viti reg.	viti TE
345R.MPST	MEDIO	4	M10	M6

art. **345 RGPST**

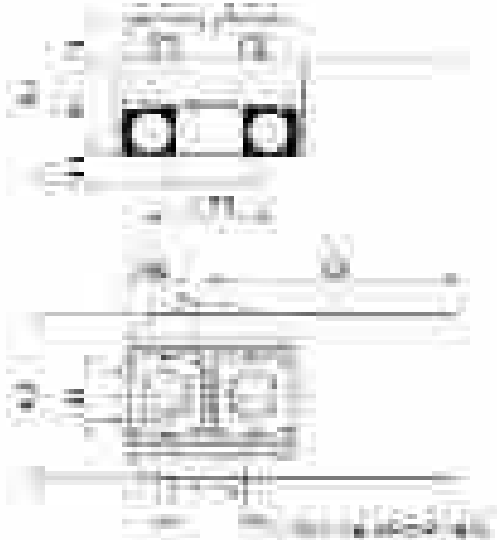
Cardine con cuscinetto regolabile grande
con viti di registro e piastra
*Large adjustable hinge with plate,
with screws, with bearing*
петля верхняя большая
регулируемая с планкой



cod.	mm.	pz/pcs	viti reg.	viti TE
345R.GPST	GRANDE	4	M6	M10

art. **345 RGL**

Cardine con cuscinetto regolabile grande
con viti di registro ed attacco laterale
*Large adjustable side hinge with
screws - with bearing*
петля верхняя большая
регулируемая боковая

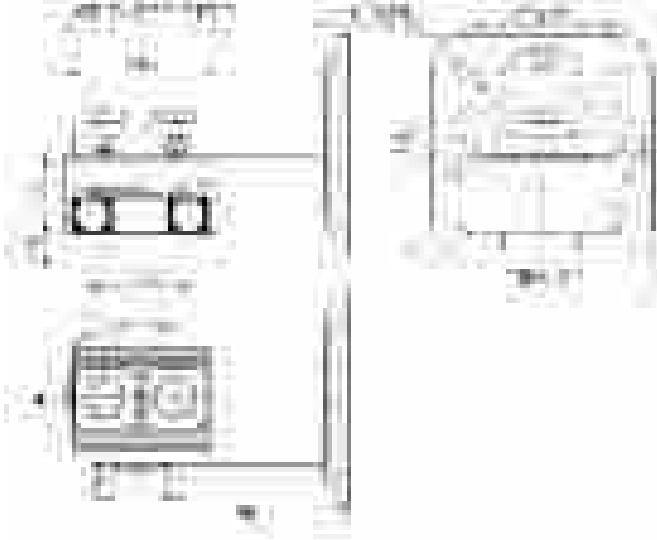


cod.	mm.	pz/pcs	R	viti reg.	viti TE
345R.GL	GRANDE	4	± 7	M6	M10



art. **345 RGLPST**

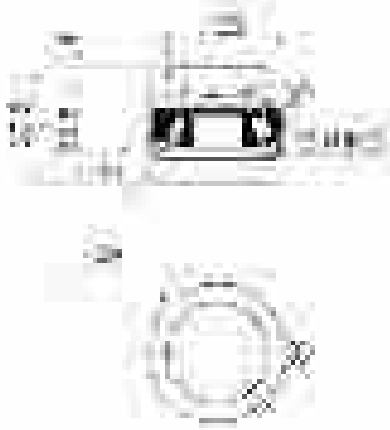
Cardine con cuscinetto regolabile con viti
di registro ed attacco laterale con piastra
*Large adjustable side hinge with plate,
with screws, with bearing*
петля верхняя большая
регулируемая боковая с планкой



cod.	mm.	pz/pcs	R	viti TE	viti reg.
345R.GLPST	GRANDE	4	± 7	M10	M6

art. **346 P**

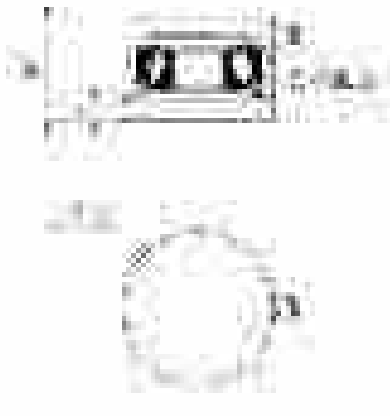
Piastra girevole c/cuscinetto c/ingrassatore
*Small bottom plate w/thrust bearing
w/grease cup*
петля опорная, с опорным
подшипником и
пресс-маслёнкой, малая



cod.	mm.	pz/pcs
346.P	PICCOLA	4

art. **346 M**

Piastra girevole c/cuscinetto c/ingrassatore
*Medium bottom plate w/thrust
bearing w/grease cup*
петля опорная, с
опорным подшипником и
пресс-маслёнкой, средняя



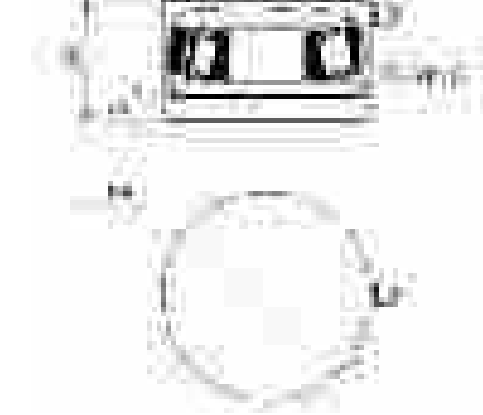
cod.	mm.	pz/pcs
346.M	MEDIA	4



art. **346 G**

Piastra girevole c/cuscinetto c/ingrassatore
Large bottom plate w/thrust bearing w/grease cup
петля опорная, с опорным подшипником и пресс-маслёнкой, большая

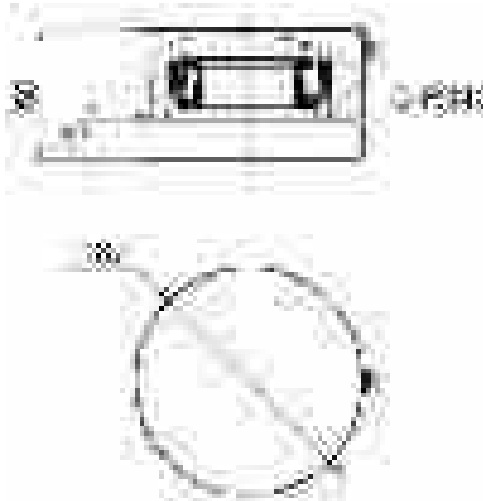
Versione Inox/Stainless Steel pag.195



cod.	mm.	pz/pcs
346.G	GRANDE	4

art. **346 MAXI**

Piastra girevole Maxi c/cuscinetto c/ingrassatore
Maxi bottom plate w/thrust bearing w/grease cup
петля опорная, с опорным подшипником и пресс-маслёнкой, большая



cod.	mm.	pz/pcs
346.MAXI	MAXI	4

art. **346 PST**

Piastra base rinforzata per art.346
Bottom plate for art.346
пластина опорная пер арт.346

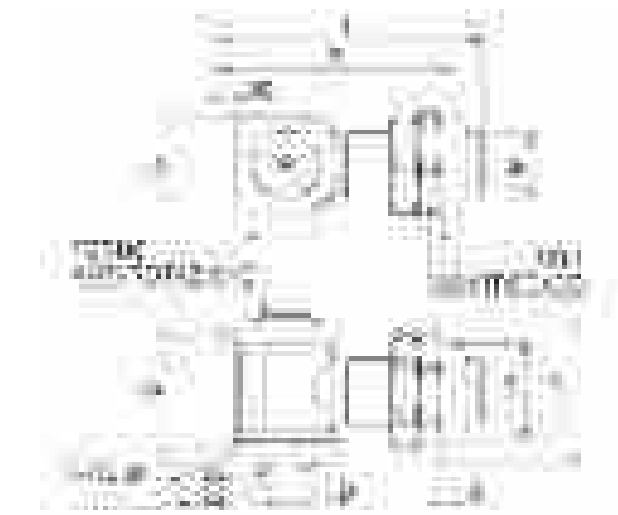


cod.	mm.	pz/pcs	A	L	H	sm.
346PST.P	PICCOLA	4	60	90	30	15x15
346PST.M	MEDIA	4	67	120	35,5	20x20
346PST.G	GRANDE	4	82	150	40	20x20



art. **375**

Cardine a cavallotto regolabile
con rondella e controdamo
Adjustable u-bolt hinge
петля u-образная, регулируемая



cod.	mm.	pz/pcs	A	B	C	ØD	ØE	ØF	L	sp	G	M	R	CH.1	CH.2
375.16	M16	12	27	36	21	Ø12	Ø30	Ø46	79	5	4	M16	58-73	Es.30	Es.4
375.18	M18	12	30	41	21	Ø14	Ø30	Ø46	82	6	4	M18	62-76	Es.30	Es.5
375.20	M20	10	30	41	21	Ø14	Ø30	Ø46	92	6	4	M20	60-86	Es.30	Es.5
375.22	M22	6	35	48	25	Ø17	Ø35	Ø54	96	6	4	M22	70-90	Es.36	Es.6
375.24	M24	6	35	48	25	Ø17	Ø35	Ø54	96	6	4	M24	70-90	Es.36	Es.6
375.27	M27	6	35	48	25	Ø17	Ø45	Ø71	107	6	6	M27	76-101	Es.46	Es.6

art. **376**

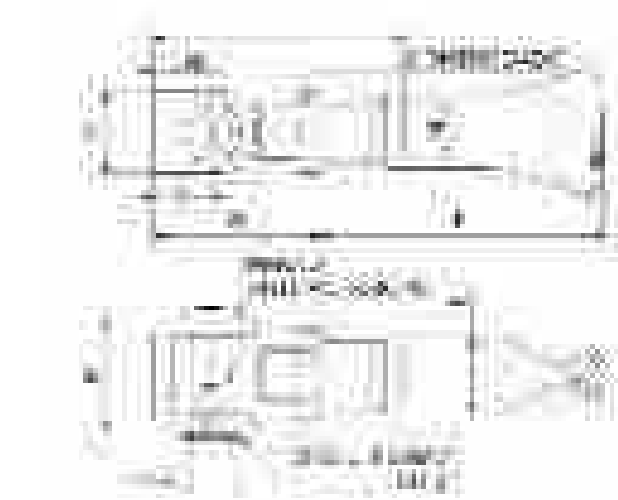
Cardine a cavallotto con
boccola e controdamo
U-bolt hinge w/bush to be welded
петля u-образная, под сварку



cod.	mm.	pz/pcs	A	B	C	ØD	ØE	L	sp	M	R	CH.2
376.16	M16	12	27	36	21	Ø12	Ø21	79	5	M16	52-68	Es.4
376.18	M18	12	30	41	21	Ø14	Ø25	81	6	M18	57-68	Es.5
376.20	M20	10	30	41	21	Ø14	Ø25	92	6	M20	56-79	Es.5
376.22	M22	6	35	48	25	Ø17	Ø27	96	6	M22	65-80	Es.6
376.24	M24	6	35	47	25	Ø17	Ø30	96	6	M24	67-80	Es.6
376.27	M27	6	35	47	25	Ø17	Ø35	107	6	M27	68-92	Es.6

art. **377**

Cardine a cavallotto con tubolare
a murare e controdamo
U-bolt hinge for building into wall
петля u-образная, для
вмуровывания в стену

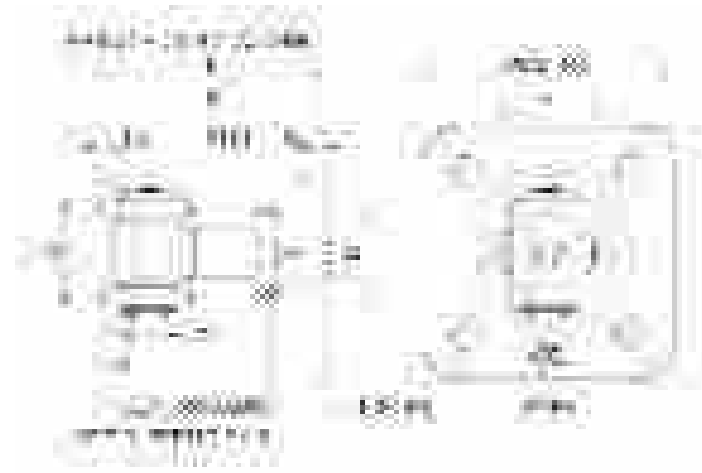


cod.	mm.	pz/pcs	A	B	C	ØD	ØE	F	L	sp	M	R	CH.2
377.16	M16	12	27	36	21	Ø12	Ø25	70	103	5	M16	46-60	Es.4
377.18	M18	12	30	41	21	Ø14	Ø25	70	103	6	M18	49-62	Es.5
377.20	M20	10	30	41	21	Ø14	Ø27	78	103	6	M20	48-73	Es.5
377.22	M22	6	35	48	25	Ø17	Ø30	78	118	6	M22	58-76	Es.6
377.24	M24	6	35	48	25	Ø17	Ø34	78	118	6	M24	58-77	Es.6
377.27	M27	6	35	48	25	Ø17	Ø34	78	118	6	M27	60-87	Es.6



art. 378

Cardine a cavallotto con piastra e controdado
Adjustable u- bolt hinge with plate
Петля U-образная, регулируемая, с пластиной



cod.	mm.	pz/pcs	A	B	C	ØD	G	L	sp	M	R	CH.1	CH.2	fori	piastra
378.16	M16	10	27	36	21	Ø12	5	79	5	M16	64-78	Es.36	Es.4	56x56	80x80
378.18	M18	10	30	41	21	Ø14	5	81	6	M18	68-80	Es.36	Es.5	56x56	80x80
378.20	M20	10	30	41	21	Ø14	5	92	6	M20	70-91	Es.36	Es.5	65x65	100x100
378.22	M22	8	35	48	25	Ø17	5	96	6	M22	76-95	Es.36	Es.6	65x65	100x100
378.24	M24	8	35	48	25	Ø17	5	96	6	M24	77-95	Es.36	Es.6	65x65	100x100
378.27	M27	6	35	48	25	Ø17	6	107	6	M27	82-106	Es.46	Es.6	90x90	120x120

art. 379

Cardine a cavallotto con barra lunga e controdado
Long u- bolt hinge with 2 nuts
петля u-образная, длинная



cod.	mm.	pz/pcs	A	B	C	ØD	F	L	sp	M	CH.2
379.20	M20	10	30	41	21	Ø14	144	184	6	M20	Es.5
379.24	M24	6	35	47,5	25	Ø17	140	190	6	M24	Es.6

art. 875

Cardine con alette regolabile con rondella e controdado
Adjustable wings hinge
петля, регулируемая



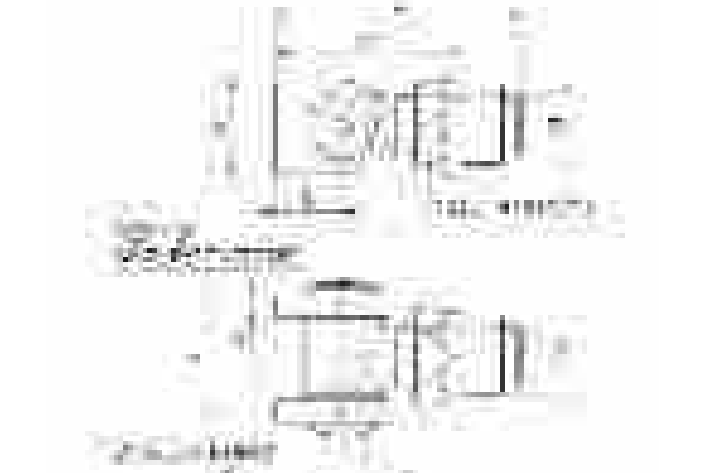
cod.	mm.	pz/pcs	A	B	C	ØD	ØE	ØF	L	sp	M	N	R	CH.1	CH.2
875.16	M16	12	27	38	21	Ø12	Ø30	Ø46	79	5	M16	4	56-71	Es.30	Es.4
875.18	M18	12	30	43	21	Ø14	Ø30	Ø46	81	6	M18	4	61-75	Es.30	Es.5
875.20	M20	12	30	43	21	Ø14	Ø30	Ø46	92	6	M20	4	61-86	Es.30	Es.5
875.22	M22	6	35	53	25	Ø17	Ø35	Ø54	96	8	M22	4	69-90	Es.36	Es.6
875.24	M24	6	35	53	25	Ø17	Ø35	Ø54	96	8	M24	4	70-90	Es.36	Es.6
875.27	M27	6	35	53	25	Ø17	Ø45	Ø71	102	8	M27	6	74-96	Es.46	Es.6



art. 876

Cardine con alette con boccola e controdado
Wings hinge with bush to be welded
петля, регулируемая, с гайкой под сварку

Versione Inox/Stainless Steel pag.196



cod.	mm.	pz/pcs	A	B	C	ØD	ØE	L	sp	M	R	CH.2
876.16	M16	12	27	38	21	Ø12	Ø21	79	5	M16	50-66	Es.4
876.18	M18	12	30	43	21	Ø14	Ø25	81	6	M18	61-72	Es.5
876.20	M20	12	30	43	21	Ø14	Ø25	92	6	M20	61-83	Es.5
876.22	M22	6	35	53	25	Ø17	Ø27	96	8	M22	64-80	Es.6
876.24	M24	6	35	53	25	Ø17	Ø30	96	8	M24	66-80	Es.6
876.27	M27	6	35	53	25	Ø17	Ø35	102	8	M27	67-87	Es.6

art. 877

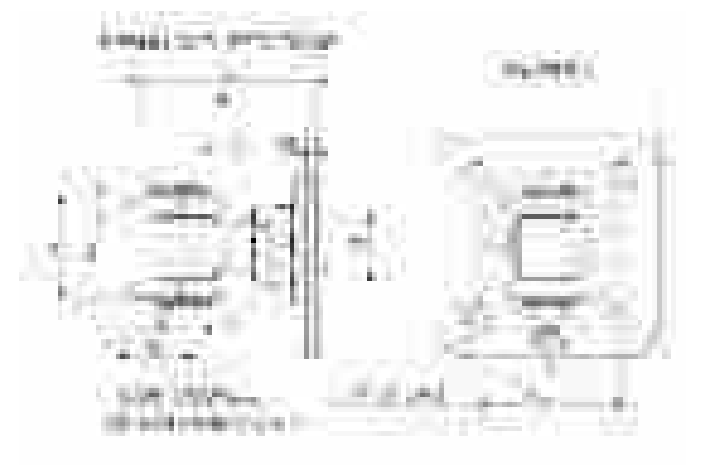
Cardine con alette con tubolare a murare e controdado
Wings hinge for building into wall
петля, регулируемая, для вмуровывания в стену



cod.	mm.	pz/pcs	A	B	C	ØD	ØE	F	L	sp	M	R	CH.2
877.16	M16	12	27	38	21	Ø12	Ø25	103	79	5	M16	44-56	Es.4
877.18	M18	12	30	43	21	Ø14	Ø25	103	81	6	M18	49-60	Es.5
877.20	M20	6	30	43	21	Ø14	Ø27	103	92	6	M20	49-71	Es.5
877.22	M22	6	35	53	25	Ø17	Ø30	118	96	8	M22	57-75	Es.6
877.24	M24	6	35	53	25	Ø17	Ø34	118	96	8	M24	58-75	Es.6
877.27	M27	6	35	53	25	Ø17	Ø34	118	102	8	M27	59-82	Es.6

art. 878

Cardine con alette con piastra e controdado
Adjustable wings hinge with plate
петля, регулируемая, с пластиной



cod.	mm.	pz/pcs	A	B	C	ØD	L	sp	M	N	R	fori	piastra	CH.1	CH.2
878.16	M16	10	27	38	21	Ø12	79	5	M16	5	63-76	56x56	80x80	Es.36	Es.4
878.18	M18	10	30	43	21	Ø14	81	6	M18	5	68-80	56x56	80x80	Es.36	Es.5
878.20	M20	10	30	43	21	Ø14	92	6	M20	5	68-91	56x56	80x80	Es.36	Es.5
878.22	M22	10	35	53	25	Ø17	96	8	M22	5	76-95	65x65	100x100	Es.36	Es.6
878.24	M24	10	35	53	25	Ø17	96	8	M24	5	77-95	65x65	100x100	Es.36	Es.6
878.27	M27	6	35	53	25	Ø17	102	8	M27	6	81-101	90x90	120x120	Es.46	Es.6



art. 879

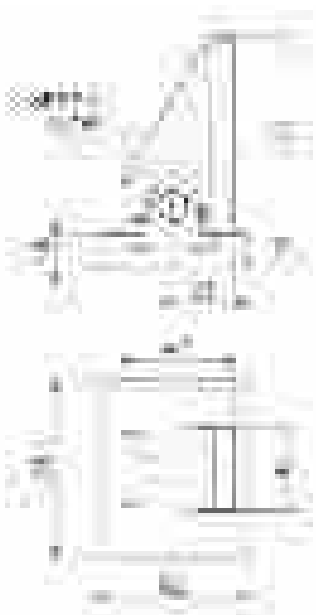
Cardine con alette con barra
lunga e controdato
Long hinge with 2 nuts
петля, регулируемая, длинная



cod.	mm.	pz/pcs	A	B	C	ØD	F	L	sp	M
879.18	M18	10	27	35	21	Ø14	140	178	5	M18
879.22	M22	6	35	43	25	Ø17	138	183	8	M22

art. 347

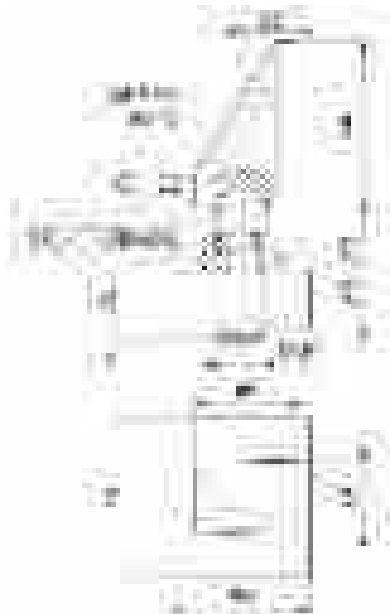
Perno inferiore con piastra sferica
Round bottom pin w/plate
петля опорная с шариком



cod.	mm.	pz/pcs
347.P	UNICA	6

art. 347 R

Perno inferiore con piastra sferica regolabile
Round bottom pin w/adjustable plate
петля опорная с шариком, регулируемая



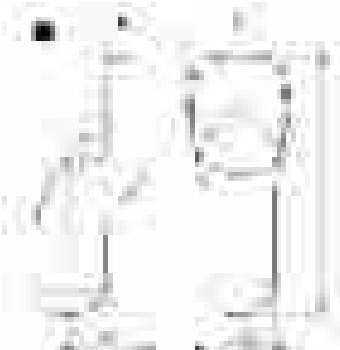
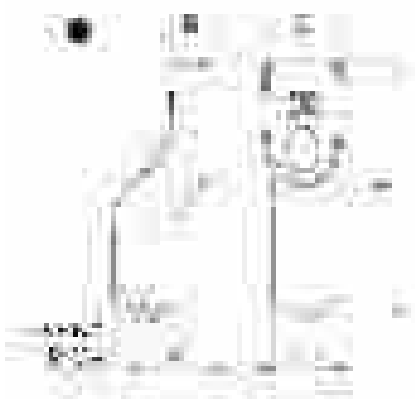
cod.	mm.	pz/pcs
347R	UNICA	6



art. 348

Perno sferico inferiore
Round bottom pin
палец опорный с шариком

Versione Inox/Stainless Steel pag.196

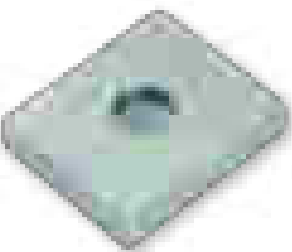


cod.	cod. zinc.	Ø	pz/pcs		A	B	C	ØD	H
348.20	348Z.20	20	10	• (*)	21	11	27	Ø20	85
348.24	348Z.24	24	6	• (*)	25	14	32	Ø24	96
348.27	348Z.27	27	6	▪	28	15	40	Ø28	103

art. 349

Piastra per perno art.348
Bottom plate for round bottom pin
пластина опорная

Versione Inox/Stainless Steel pag.196



cod.	cod. zinc.	Ø	pz/pcs	A	B	C	ØD
349.20	349Z.20	20	10	60	70	15	Ø20,5
349.24	349Z.24	24	6	60	70	20	Ø24,5
349.27	349Z.27	27	6	79	80	20	Ø28,5

art. 349 PST

Piastra per perno art.348 a fissare
Bottom plate for round bottom pin
пластина опорная, с
креплением под болты

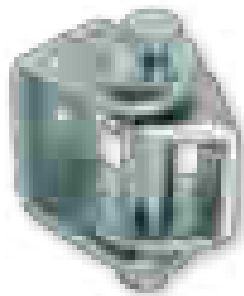
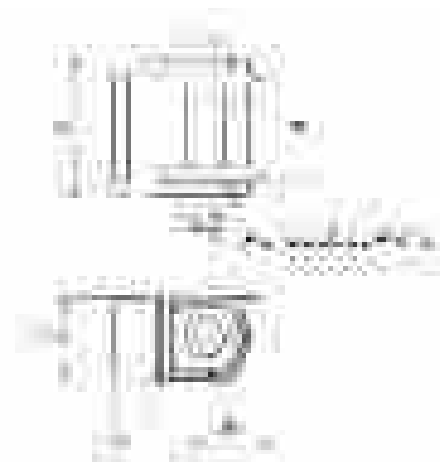


cod.	Ø	pz/pcs	A	B	C	ØD	E	G	H	I	M	fori
349PST.20	20	10	60	79	15	Ø20,5	55	90	46	64	33	Ø9
349PST.24	24	6	70	85	20	Ø24,5	60	110	54	80	39	Ø11
349PST.27	27	6	80	95	20	Ø28,5	70	130	65	90	45	Ø13



art. 370

Cardine regolabile
Adjustable hinge
петля регулируемая



cod.	cod. zinc.	mm.	pz/pcs	A	B	C	L
370.P	370Z.P	PICCOLO	12	44	31	30	31 - 42
370.G	370Z.G	GRANDE	10	61	46	35	34 - 46

art. 371

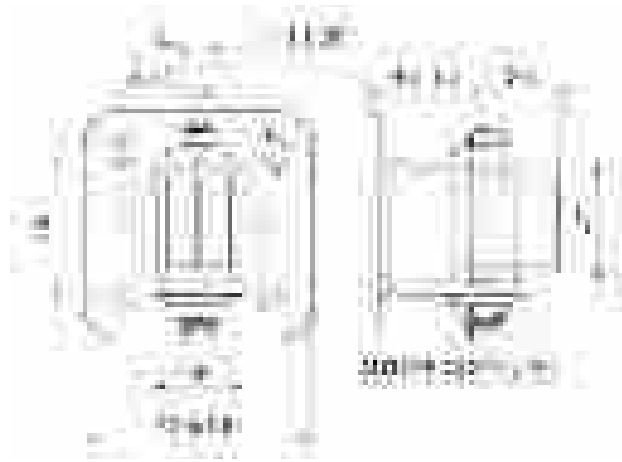
Cardine a cavallotto regolabile
con ala-cuscinetto
Adjustable hinge w/wing
петля регулируемая, с крылом



cod.	Ø	pz/pcs
371	GRANDE	10

art. 372

Cardine a cavallotto regolabile
con ala-cuscinetto e piastra
Adjustable hinge w/wing with plate
петля регулируемая, с крылом,
с креплением под болты



cod.	Ø	pz/pcs
372	GRANDE	10



art. 374

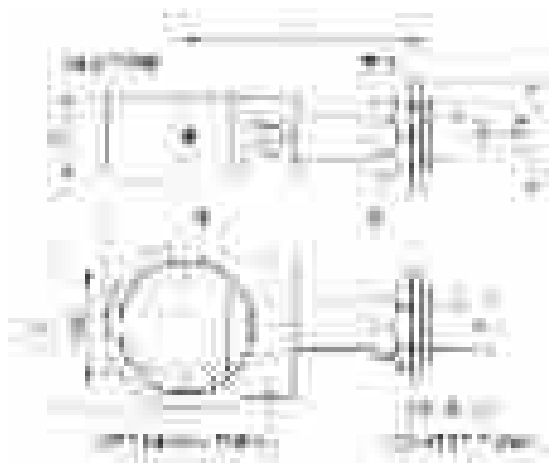
Cardine a cavallotto per apertura
a 180° con piastra e boccola
Welded u-bolt hinge with bush with plate
петля регулируемая под сварку



cod.	mm.	pz/pcs	L	M	R	piastra	fori
374.18	M18-80	10	105	M18	81-94	80x80	56x56
374.20	M20-100	10	116	M20	81-105	100x100	65x65

art. 845

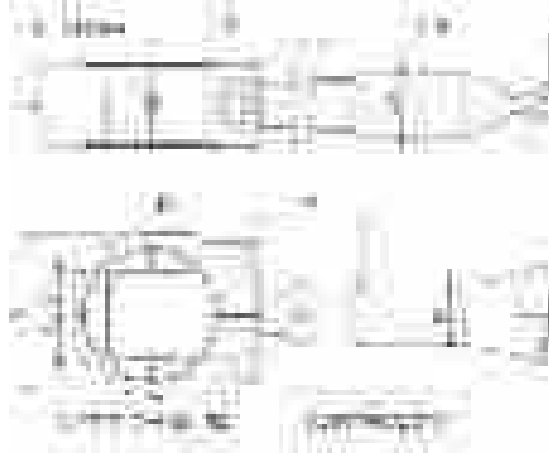
SISTEMA BREVETTATO - PATENT PENDING
Cardine Matrix regolabile con
rondella e controdamo
Adjustable self - assembly clamp - hinge
nut with washer "Matrix"
петля «Matrix», регулируемая



cod.	mm.	pz/pcs	A	B	C	E	M	R	vite
845.30	TUB. 30	4	60	77,5	35	82	M22	70-122	M12
845.35	TUB. 35	4	70	84,5	35	82	M22	73-125	M12
845.40	TUB. 40	4	80	92,5	40	82	M22	77-129	M12
845.50	TUB. 50	4	90	108	45	52	M24	87-109	M14

art. 847

SISTEMA BREVETTATO - PATENT PENDING
Cardine Matrix con tubolare
a murare e controdamo
Self - assembly clamp - hinge for
building into wall "Matrix"
петля «matrix», регулируемая,
для вмуровывания в стену

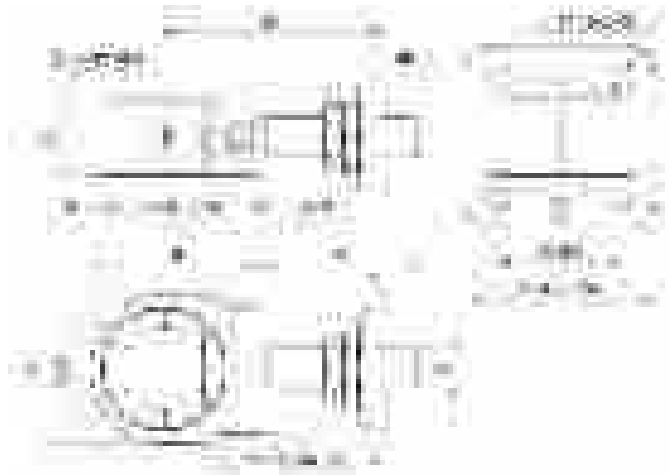


cod.	mm.	pz/pcs	A	B	C	E	ØF	M	R	vite
847.30	TUB. 30	4	60	77,5	35	82	Ø30	M22	57-105	M12
847.35	TUB. 35	4	70	84,5	35	82	Ø30	M22	60-108	M12
847.40	TUB. 40	4	80	92,5	40	82	Ø30	M22	65-113	M12
847.50	TUB. 50	4	90	108	45	52	Ø34	M24	75-91	M14



art. 848

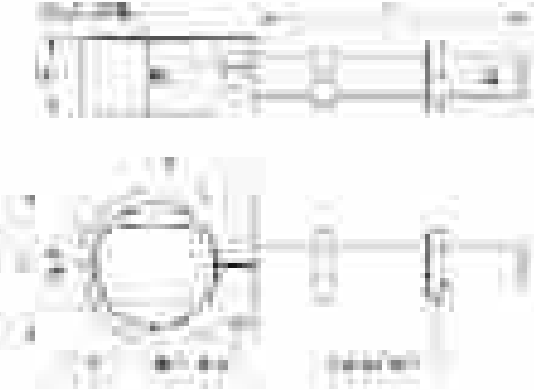
SISTEMA BREVETTATO - PATENT PENDING
Cardine Matrix con piastra e controdamo
Adjustable self-assembly clamp - hinge with plate "Matrix"
петля «Matrix», регулируемая, с пластиной



cod.	mm.	pz/pcs	A	B	C	E	M	sp	R	vite	piastra	fori
848.30	TUB. 30	4	60	77,5	35	82	M22	5	77-127	M12	100x100	65x65
848.35	TUB. 35	4	70	84,5	35	82	M22	5	80-130	M12	100x100	65x65
848.40	TUB. 40	4	80	92,5	40	82	M22	5	85-135	M12	100x100	65x65
848.50	TUB. 50	4	90	108	45	52	M24	6	96-115	M14	120x120	90x90

art. 849

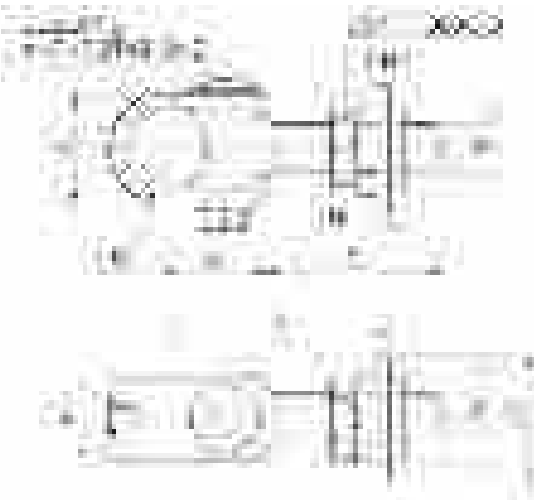
SISTEMA BREVETTATO - PATENT PENDING
Cardine Matrix con barra lunga e controdamo
Self-assembly long clamp - hinge with 2 nuts "Matrix"
петля «Matrix», регулируемая, длинная



cod.	mm.	pz/pcs	A	B	C	L	M	N	vite
849.30	TUB. 30	4	60	77,5	35	142,5	M22	140	M12
849.35	TUB. 35	4	70	84,5	35	142,5	M22	140	M12
849.40	TUB. 40	4	80	92,5	40	142,5	M22	140	M12
849.50	TUB. 50	4	90	108	45	164,5	M24	162	M14

art. 850

Cardine a fascetta regolabile con rondella e controdamo
Adjustable clamp - hinge nut with washer
петля-хомут, регулируемая



cod.	mm.	pz/pcs	A	B	C	ØD	ØE	ØF	G	M	R	sp	bullone	CH.1
850.18	M18	6	40	30	36,5	Ø30	Ø30	Ø46	64	M18	63-92	4	M10	Es.30
850.22	M22	6	47	35	42,5	Ø35	Ø35	Ø54	72	M22	70-107	4	M12	Es.36
850.27	M27	6	52	40	48,5	Ø40	Ø45	Ø71	72	M27	82-111	6	M12	Es.46



art. 851

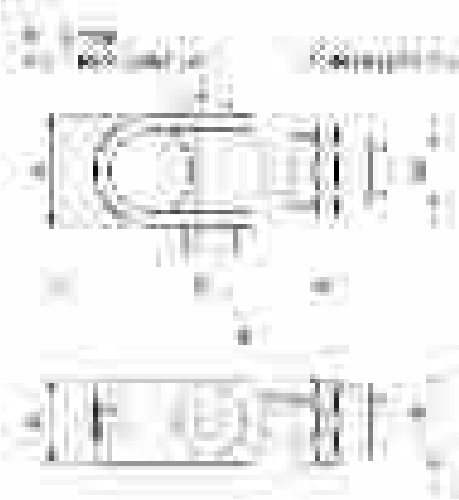
Cardine a fascetta per barra filettata
Clamp - hinge body for threaded bars
корпус петли-хомут



cod.	mm.	pz/pcs	A	B	C	ØD	M	N	R	bullone
851.18	M18	6	40	30	36,5	Ø30	M18	18	53,5	M10
851.22	M22	6	47	35	42,5	Ø35	M22	22	63	M12
851.27	M27	6	52	40	48,5	Ø40	M27	27	73,5	M12

art. 855

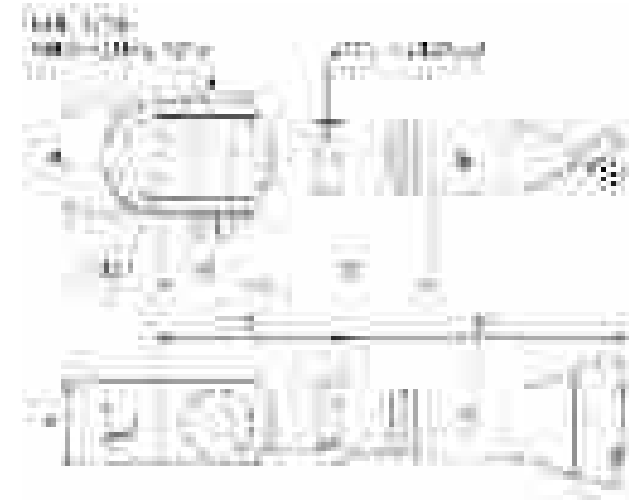
Cardine a fascetta con boccola e controdamo
Clamp - hinge with bush to be welded
петля-хомут, с гайкой под сварку



cod.	mm.	pz/pcs	A	B	C	ØD	ØE	G	M	R	bullone
855.18	M18	6	40	30	36,5	Ø30	Ø25	50	M18	59-74	M10
855.22	M22	6	47	35	42,5	Ø35	Ø27	55	M22	65-83	M12
855.27	M27	6	52	40	48,5	Ø40	Ø35	60	M27	75-93	M12

art. 856

Cardine a fascetta con tubolare a murare e controdamo
Clamp - hinge for building into wall
петля-хомут, регулируемая, для вмуровывания в стену

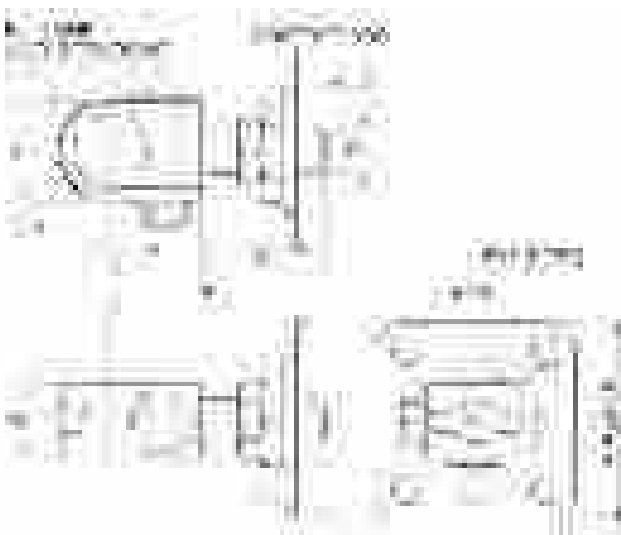


cod.	mm.	pz/pcs	A	B	C	ØD	ØE	F	G	M	R	bullone
856.18	M18	6	40	30	36,5	Ø30	Ø25	103	50	M18	51-68	M10
856.22	M22	6	47	35	42,5	Ø35	Ø30	118	55	M22	61-76	M12
856.27	M27	6	52	40	48,5	Ø40	Ø34	118	60	M27	67-81	M12



art. 857

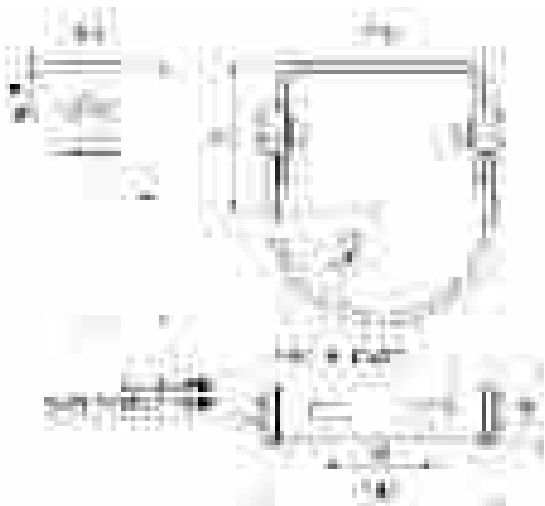
Cardine a fascetta regolabile
con piastra e controdado
Adjustable clamp - hinge with plate
петля-хомут, регулируемая,
с пластиной



cod.	mm.	pz/pcs	A	B	C	ØD	G	M	R	sp	fori	piastra	CH.1	Bullone
857.18	M18	6	40	30	36,5	Ø30	50	M18	70-87	5	56x56	80x80	Es.36	M10
857.22	M22	6	47	35	42,5	Ø35	55	M22	77-98	5	65x65	100x100	Es.36	M12
857.27	M27	6	52	40	48,5	Ø40	60	M27	89-109	6	90x90	120x120	Es.46	M12

art. 858

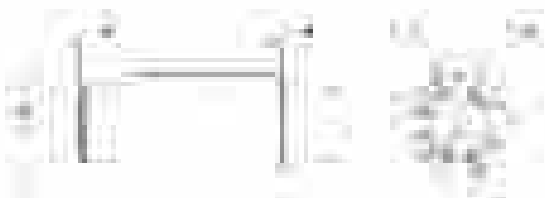
Anello anti-caduta per ante battenti
Adjustable security ring for swing gates anti downfall
хомут



cod.	mm.	pz/pcs	R	L
858R	UNICA	6	70-100	135-165

art. 861 T

Tronchetto di giunzione Tondo
per cardine a fascetta
Round joint for upper guide clamp-hinge
элемент соединительный,
для петли-хомута

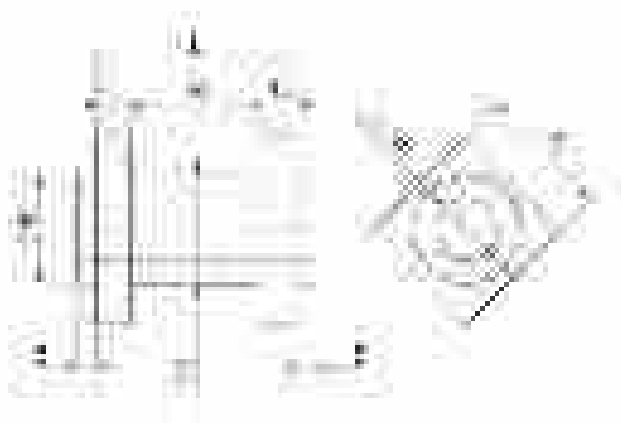


cod.	Ø	pz/pcs	ØA	B	ØD	ØE	L	cardine	tub.
861T.30	30	10	Ø24	15	Ø29	Ø17,5	45	M18	Ø30
861T.35	35	10	Ø29	15	Ø34	Ø17,5	50	M22	Ø35
861T.40	40	10	Ø34	15	Ø39	Ø17,5	55	M27	Ø40



art. 861 P

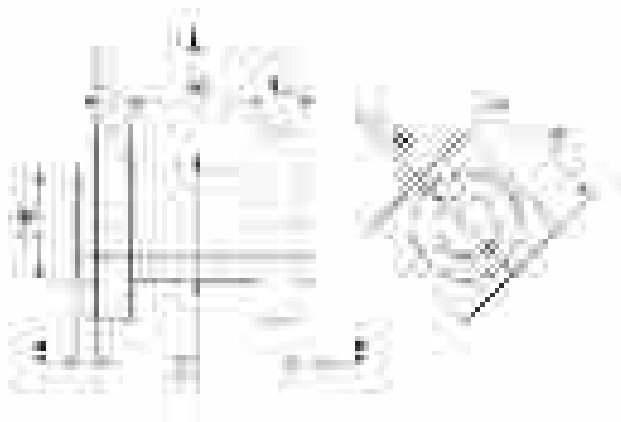
Tronchetto di giunzione per cardine a fascetta
Square joint pin for upper guide clamp - hinge
элемент соединительный,
для петли-хомута



cod.	Ø	pz/pcs	tub.	cardine	A	B	C	ØD	ØE	L
861P.30/30	30	10	30	M18	30x30	35	9	Ø29	Ø23	53
861P.35/35	35	10	35	M22	35x35	40	9	Ø34	Ø28	58
861P.40/40	40	6	40	M27	40x40	45	10	Ø39	Ø33	65

art. 861 G

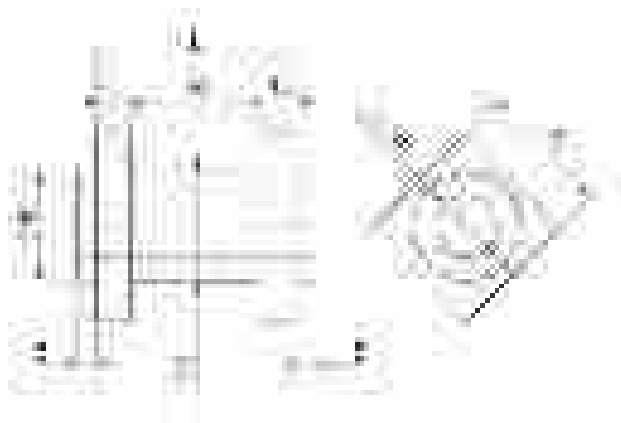
Tronchetto di giunzione per cardine a fascetta
Square joint pin for upper guide clamp - hinge
элемент соединительный,
для петли-хомута



cod.	Ø	pz/pcs	tub.	cardine	A	B	C	ØD	ØE	L
861G.35/30	30	10	35	M18	35x35	35	9	Ø29	Ø28	53
861G.40/35	35	10	40	M22	40x40	40	9	Ø34	Ø33	58
861G.50/40	40	10	50	M27	50x50	45	10	Ø39	Ø43	65

art. 861 X

Tronchetto di giunzione EXTRA
per cardine a fascetta
Square joint pin for upper guide clamp - hinge
элемент соединительный,
для петли-хомута



cod.	Ø	pz/pcs	tub.	cardine	A	B	C	ØD	ØE	L
861X.50/35	35	10	50	M22	50x50	40	9	Ø34	Ø43	58
861X.60/40	40	10	60	M27	60x60	45	10	Ø39	Ø53	65



art. 862

Perno inferiore base quadrata
Square bottom pin with welding plate
петля опорная, с пластиной
под сварку, квадратная



cod.	mm.	pz/pcs	A	B	C	ØD	E	F	H
862.30	TUB.30	6	70	60	30x30	Ø24	10	20	38
862.35	TUB.35	6	70	60	35x35	Ø24	10	20	38
862.40	TUB.40	6	70	60	40x40	Ø24	10	20	40
862.50	TUB.50	6	100	80	50x50	Ø34	10	25	50

art. 862 T

Perno inferiore base tonda
Round bottom pin with welding plate
петля опорная, с пластиной
под сварку, круглая



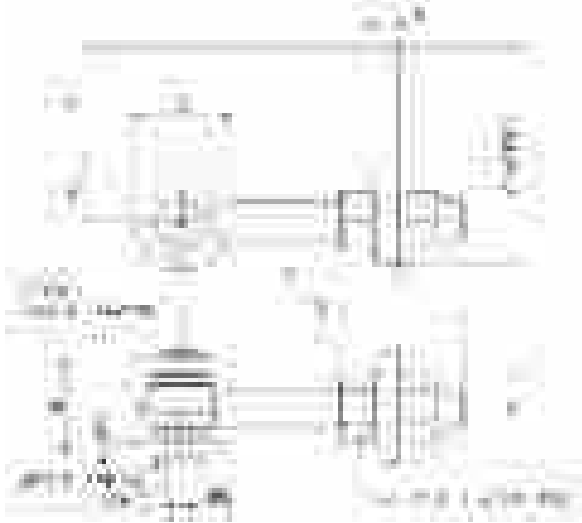
cod.	Ø	pz/pcs	A	B	ØC	ØD	E	F	H
862T.30	30	6	70	60	Ø30	Ø24	10	20	38
862T.35	35	6	70	60	Ø35	Ø24	10	20	38
862T.40	40	6	70	60	Ø40	Ø24	10	20	40
862T.50	50	6	100	80	Ø50	Ø34	10	25	50

art. 862 R

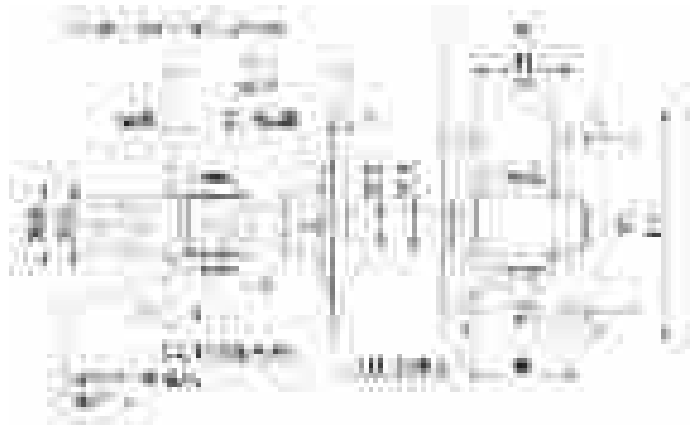
Perno inferiore regolabile
Square bottom pin with adjustable welding plate
петля опорная, с пластиной
под сварку, регулируемая



cod.	mm.	pz/pcs	A	B	H
862R.30	TUB.30	6	30x30	28	73-78
862R.35	TUB.35	6	35x35	28	73-78
862R.40	TUB.40	6	40x40	30	75-80
862R.50	TUB.50	6	50x50	30	75-80



cod.	mm.	pz/pcs	A	B	C	ØD	E	L	sp	M	P	R	CH.2	piastra
880.12	M12	10	45	37	24	Ø12	6	100	6	M12	23-36	43-87	Es.4	75x45x6
880.16	M16	10	45	43	27	Ø14	8	118	6	M16	78-103	48-102	Es.5	148x60x8
880.20	M20	10	70	49	35	Ø17	8	166	8	M20	37-62	64-147	Es.6	120x60x8
880.24	M24	10	70	51	35	Ø17	12	168	8	M24	53-75	72-144	Es.6	135x70x12



cod.	mm.	pz/pcs
885.16	M16	10



cod.	mm.	pz/pcs
860S.16/80	M16	10
860S.18/80	M18	10
860S.20/80	M20	10
860S.22/80	M22	10

art. 880

Cardine con alette con piastra
regolabile per aperture a 180°
Hinge with fixing plate to allow
180° opening with 2 way adjustment
петля, регулируемая, с
пластиной, открывание 180°*

Versione Inox/Stainless Steel pag.197



art. 885

Cardine con piastra ad avvitare su tubolare
Plate hinge to be screwed to the gate profile
Петля с пластиной, для завинчивания
к профилю ворот



art. 860 s

Piastra regolabile small per cardini
Adjustable plate
пластина, регулировочная





art. **860 P**

Piastra regolabile piccola per cardini
Adjustable plate
пластина, регулировочная, малая



cod.	mm.	pz/pcs
860P.18/100	M18	10
860P.20/100	M20	10
860P.22/100	M22	10
860P.24/100	M24	10



cod.	mm.	pz/pcs
860E.18	M18	10
860E.20	M20	10
860E.22	M22	10
860E.24	M24	10



art. **860 E**

Piastra regolabile Elegance per cardini
Elegance adjustable plate
пластина, регулировочная



art. **860 G**

Piastra regolabile grande per cardini
Adjustable plate
пластина, регулировочная, большая



cod.	mm.	pz/pcs	H	CH.
860G.22/120	M22	10	21	36
860G.24/120	M24	10	21	41
860G.27/120	M27	10	22	46

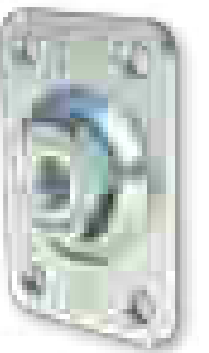


cod.	mm.	pz/pcs
860R.16	M16	10



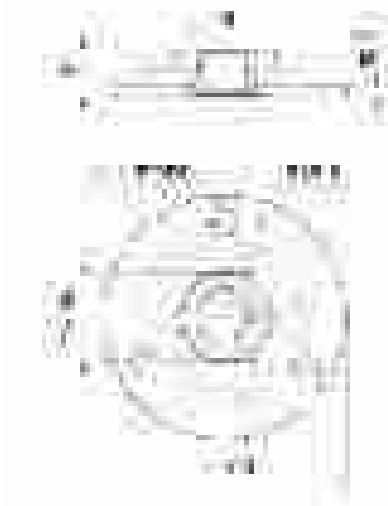
art. **860 R**

Piastra rettangolare
Adjustable rectangular plate
Регулируемая прямоугольная пластина



art. **860 T**

Piastra regolabile Tonda per cardini
Round adjustable plate
пластина, регулировочная, круглая



cod.	mm.	pz/pcs
860T.18	M18	10
860T.20	M20	10
860T.22	M22	10
860T.24	M24	10



cod.	mm.	pz/pcs	A	B	sp
863.100	PICCOLA	10	100x100	65x65	5
863.120	GRANDE	10	120x120	90x90	6



art. **863**

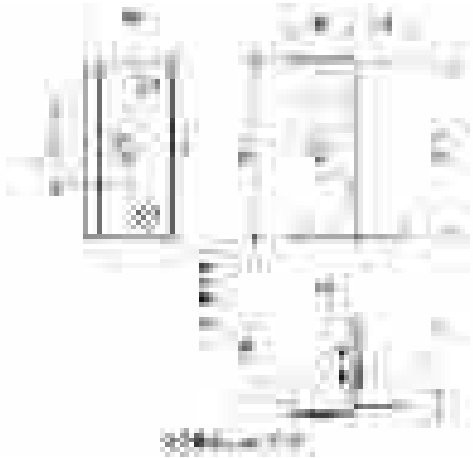
Piastra universale
Universal fixing plate
пластина, установочная





art. 352

Battente portaincontro regolabile
per elettroserrature
Electrical pedestrian gates catch
защёлка для калитки, электрическая

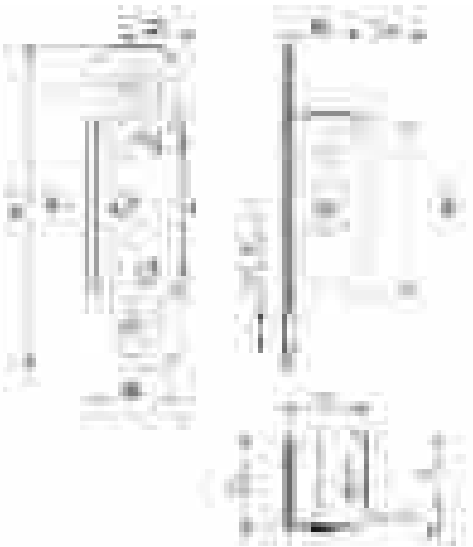


352A-M-100

cod.	mm.	pz/pcs	viti	R
352	UNICA	4	M6	45 - 55

art. 352 F

Battente portaincontro regolabile
con ali per elettroserrature
Electrical pedestrian gates catch
with 2 wings screw fix
защёлка для калитки, электрическая,
крепление под болт



cod.	mm.	pz/pcs	viti	R
352F	UNICA	4	M6	45 - 55

art. 380

Battente d'arresto a cementare
Embedded swing gate end stop
опора для распашных ворот

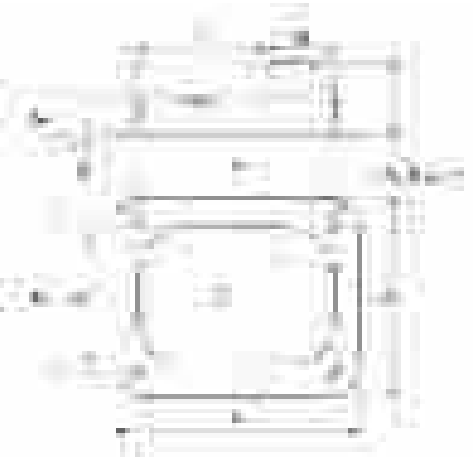


cod.	mm.	pz/pcs
380	UNICA	16



art. 380 F

Battente d'arresto a fissare
Swing gate stop screw fix
опора для распашных ворот

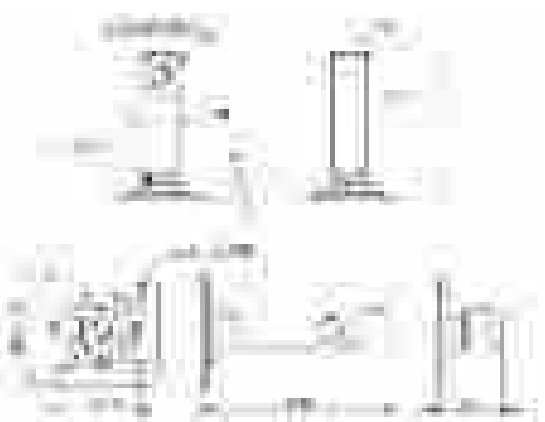


cod.	mm.	pz/pcs	A	B	C	E	F	G	H	I	L
380F.P	PICCOLO	20	120	100	95	75	23	36	44	59	75
380F.G	GRANDE	20	160	130	130	100	25	46	48	84	90



art. 386

Arresto fine - corsa modulare fissare
Sliding gate convertible stop
Конвертируемый буфер
для откатных ворот



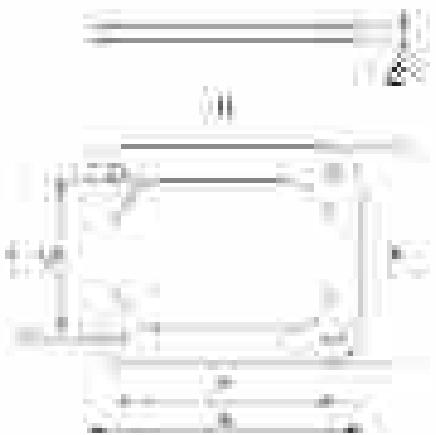
COMING
SOON!



cod.	mm.	pz/pcs
386	UNICA	4

art. 387

Piastra di spessore per art.380F
Thickness plate for art.380F
Пластина компенсации
толщины для арт. 380F



COMING
SOON!



cod.	mm.	pz/pcs	A	B	C	E	F	G	sp.
387.P	PICCOLO	20	120	100	95	75	95	75	6
387.G	GRANDE	20	160	130	130	100	130	90	8



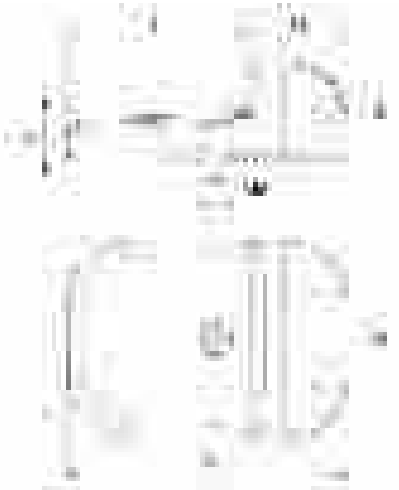
art. 388

Battente d'arresto con piastra ad avvitare
Swing gate stop with plate to screw
Опора для распашных ворот с
пластиной для завинчивания



COMING
SOON!

cod.	mm.	pz/pcs	A	B	C	ØD	E	F	G
388.P	PICCOLO	20	95	75	59	Ø12	42	21	36
388.G	GRANDE	20	130	90	84	Ø12	46	23	46



art. 300 IX

Paletto a molla reversibile inox
Stainless steel automatic
spring bolt gate closer
шпингалет, автоматический,
нержавеющая сталь

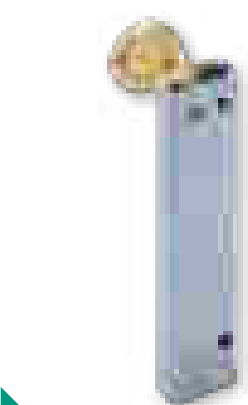


cod.	mm.	pz/pcs	C
300IX	UNICA	5	0 - 30

art. 301

Paletto a molla con leva ottone
Automatic spring bolt gate closer w/brass lever
задвижка с пружиной, реверсивная

Versione Inox/Stainless Steel pag.194

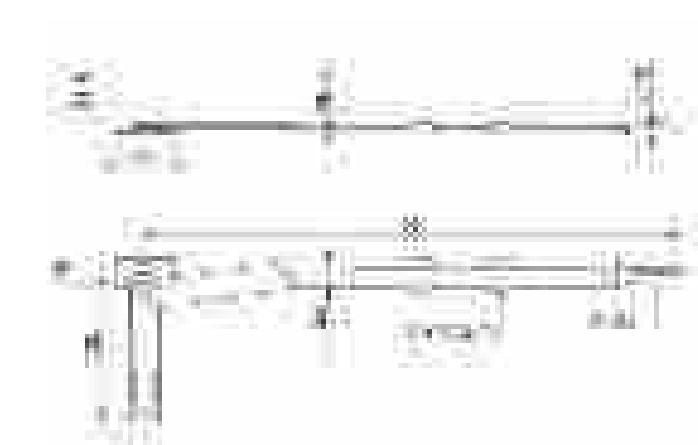


cod.	mm.	pz/pcs	C
301	UNICA	6	0 - 25



art. 305

Paletto a leva per cancelli
Lever bolt for gates
шпингалет, рычажный для ворот



cod.	mm.	pz/pcs	R	passanti
305.350	350	10	321 - 355	2 pz
305.450	450	10	421 - 455	2 pz
305.600	600	10	571 - 605	3 pz
305.700	700	10	671 - 705	3 pz

art. 310

Paletto a leva pesante per cancelli
Heavy lever bolt for gates
шпингалет, усиленный,
рычажный для ворот




cod.	mm.	pz/pcs	R
310.500	500	10	431 - 465
310.700	700	10	631 - 665

art. 859 A

Cavo anti - caduta fune Ø6
Security cable for swing gates anti downfall
трос натяжной для створки

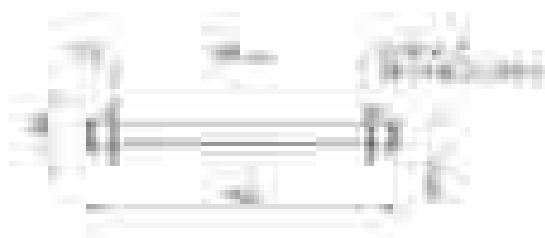
Versione Inox/Stainless Steel pag.197



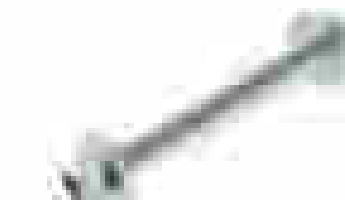
cod.	mm.	pz/pcs	L	portata
859A.400	400	5	400	 1800 Kg.
859A.500	500	5	500	
859A.530	530	5	530	
859A.600	600	5	600	
859A.700	700	5	700	

Art. **859 M**
 Accessori per cancelli battenti
 Accessori per cancelli battenti
 Accessori per cancelli battenti

1/2"

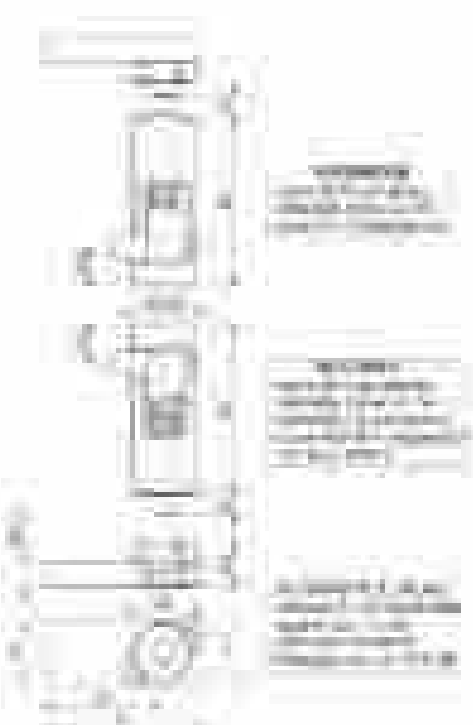


Art.	Desc.	Quant.
859 M	Bollo e dado	1

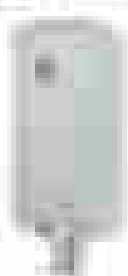


Art. **1500**
 Accessori per cancelli battenti
 Accessori per cancelli battenti
 Accessori per cancelli battenti

1/2"

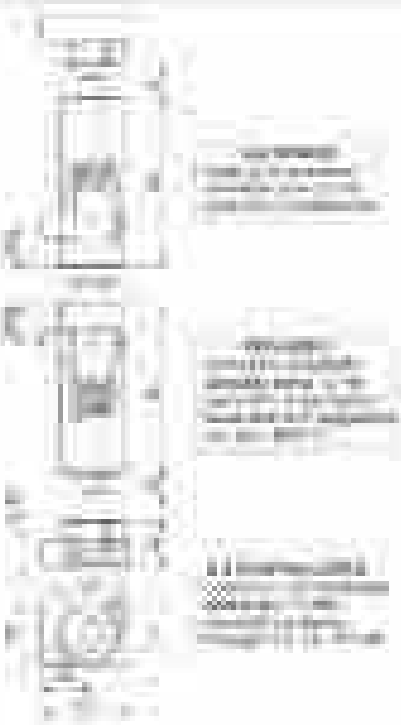


Art.	Desc.	Quant.
1500	Bollo e dado	1

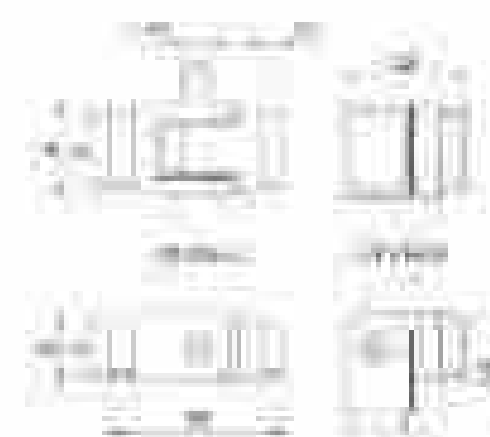
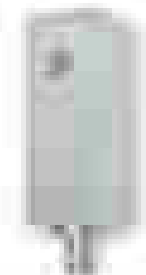


Art. **1501**
 Accessori per cancelli battenti
 Accessori per cancelli battenti
 Accessori per cancelli battenti

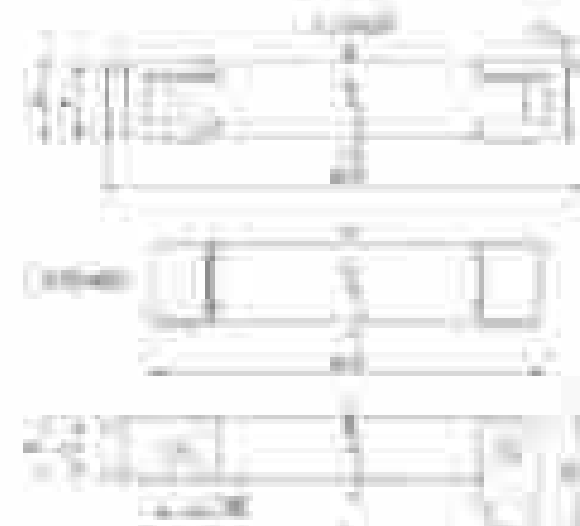
1/2"



Art.	Desc.	Quant.
1501	Bollo e dado	1



Art.	Desc.	Quant.
1600	Bollo e dado	1



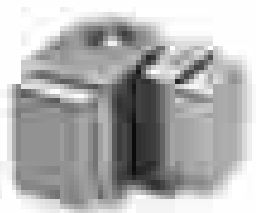
Art.	Desc.	Quant.
1600	Bollo e dado	1



Art.	Desc.	Quant.
1600	Bollo e dado	1



Art. **1600**
 Accessori per cancelli battenti
 Accessori per cancelli battenti
 Accessori per cancelli battenti



Art. **1605**
 Accessori per cancelli battenti
 Accessori per cancelli battenti
 Accessori per cancelli battenti



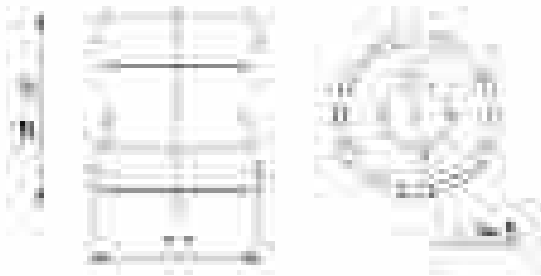
Art. **1630**
 Accessori per cancelli battenti
 Accessori per cancelli battenti
 Accessori per cancelli battenti





art. 1635

Distanziale per inferriata
Spacer for grate
Компенсаторы для решетки



cod.	mm.	pz/pcs	ØD
1635.30	Ø30	50	Ø30
1635.35	Ø35	50	Ø35

art. 1640

Distanziale per inferriata
Spacer for grate
Компенсаторы для решетки



cod.	mm.	pz/pcs	ØD
1640.30	Ø30	50	Ø30
1640.35	Ø35	50	Ø35

art. 1645

Distanziale per inferriata
Spacer for grate
Компенсаторы для решетки



cod.	mm.	pz/pcs	ØD
1645.30	Ø30	50	Ø30
1645.35	Ø35	50	Ø35



art. 1650

Distanziale per inferriata
Spacer for grate
Компенсаторы для решетки



cod.	mm.	pz/pcs	ØD
1650.30	Ø30	50	Ø30
1650.35	Ø35	50	Ø35

LEGENDA SIMBOLI
Symbol description



COMPONENTE DA SALDARE_COMPONENTS REQUIRING WELDING

- Realizzare una saldatura di dimensioni adatte a supportare le forze in gioco e con materiale d'apporto idoneo.
- Rinforzare adeguatamente le zone d'attacco all'anta e/o alla struttura / telaio.
- The weld must be adequately sized to support the applied forces and with suitable electrode material.
- Adequately strengthen the areas anchoring the door and/or structure / frame.



COMPONENTE DA FISSARE_COMPONENTS REQUIRING SCREW MOUNTING

- Fissare con tasselli / bulloni di dimensioni adatte a supportare le forze in gioco.
- Rinforzare adeguatamente le zone d'attacco all'anta e/o alla struttura / telaio.
- Mount with adequately sized expansion bolts capable of sustaining the applied forces.
- Adequately strengthen the areas anchoring the door and/or structure / frame.



COMPONENTE DA MURARE_COMPONENTS REQUIRING WALLING IN

- Legare / saldare all'armatura della struttura in cemento armato, proteggere i filetti durante la fase di getto.
- Verificare che la struttura sia adatta a supportare le forze in gioco, rinforzare adeguatamente le zone d'attacco.
- Tie / weld to the rods in the armoured concrete structure, protect the threads during casting.
- Ensure that the structure can sustain the applied forces, adequately strengthening the anchor areas.



COMPONENTE REGOLABILE_ADJUSTABLE COMPONENT

- Regolazione effettuabile ad accessorio montato.
- The accessory can be adjusted after installation.



CUSCINETTO REGGISPINTA_THRUST BEARING

- Carico assiale max. e manutenzione, vedi pag. 24
- Lubrificare prima dell'installazione. Usare grasso che supporti le condizioni ambientali, evitare grassi che tendono ad essicarsi rapidamente.
- For max axial load and maintenance, see page 24
- Lubricate before installation. Use grease suited to the ambient conditions, avoid grease that tends to dry rapidly.



CUSCINETTO A SFERE BALL BEARING

- Cuscinetto radiale ad una corona di sfere con guarnizioni striscianti (2RS).• Senza manutenzione.
- Single row radial bearing with contact seals (2RS).• Maintenance-free.



CUSCINETTO A SFERE BALL BEARING

- Cuscinetto radiale ad una corona di sfere senza guarnizioni.
- Lubrificare prima dell'installazione. Usare grasso che supporti le condizioni ambientali, evitare grassi che tendono ad essicarsi rapidamente.
- Single row radial bearing without seals.
- Lubricate before installation. Use grease suited to the ambient conditions, avoid grease that tends to dry rapidly.



CUSCINETTO A RULLI_ROLLER BEARING

- Cuscinetto radiale-assiale ad una corona di rulli conici, scomponibile.
- Lubrificare prima dell'installazione. Usare grasso che supporti le condizioni ambientali, evitare grassi che tendono ad essicarsi rapidamente.
- Single row tapered radial-axial roller bearings, separable design.
- Lubricate before installation. Use grease suited to the ambient conditions, avoid grease that tends to dry rapidly.



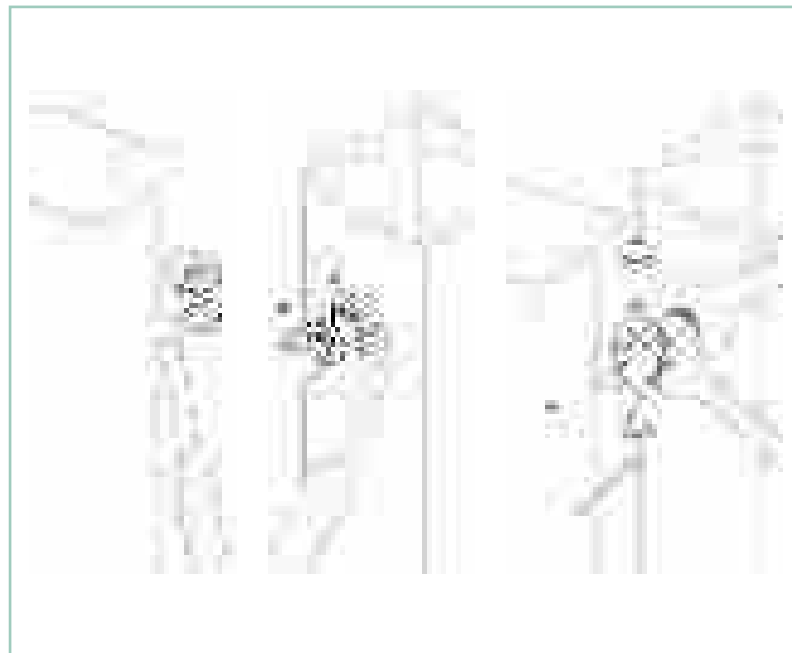
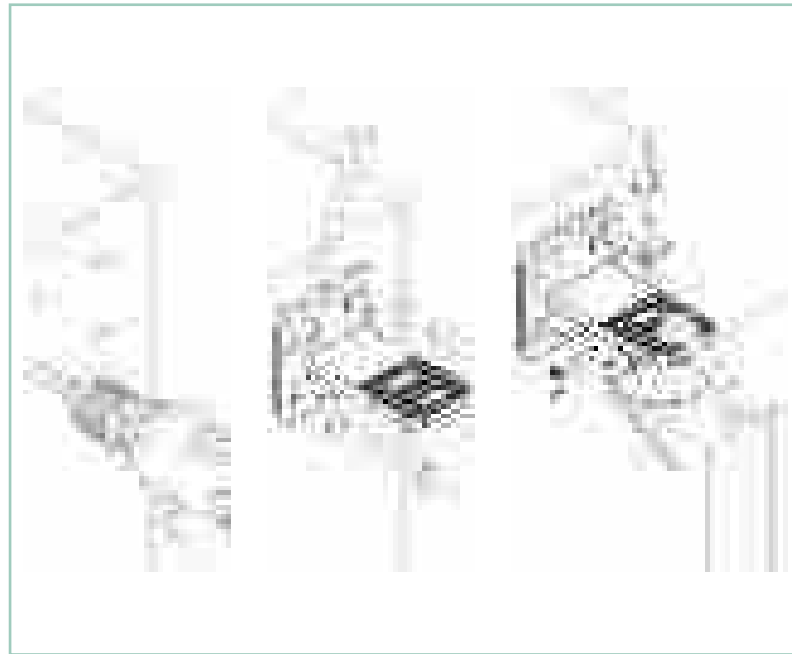
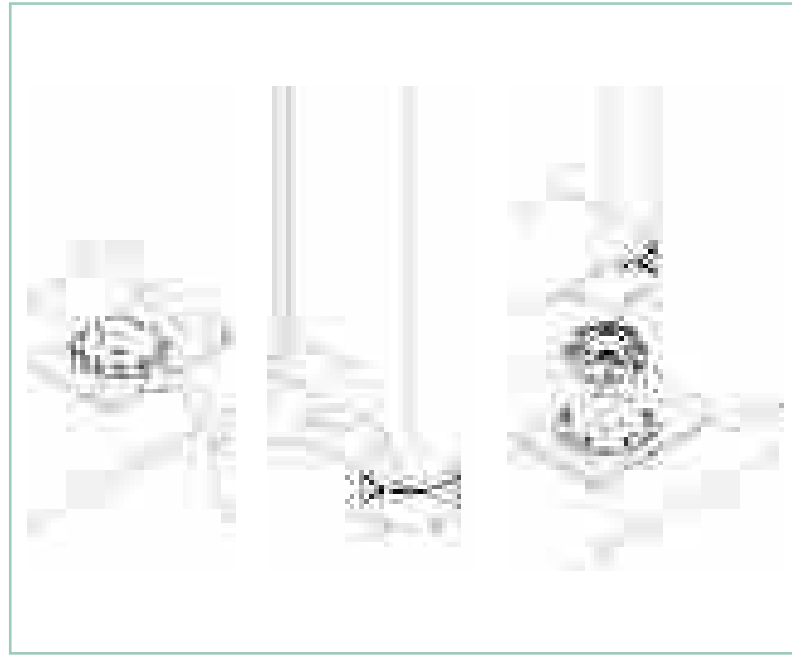
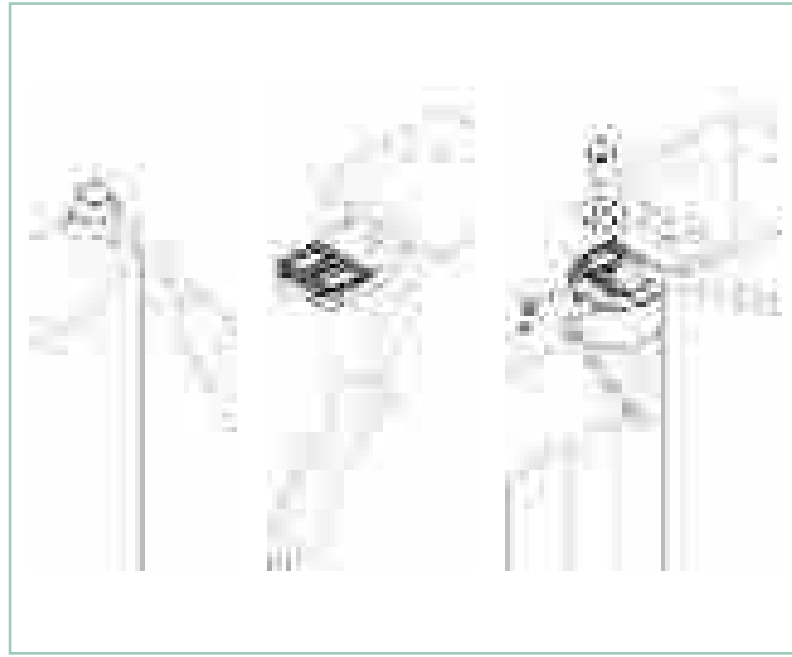
INGRASSATORE_GREASE NIPPLE

- Presenza di ingrassatore M6 sull'accessorio. • Lubrificazione effettuabile ad accessorio montato..
- The accessory has an M6 greaser. • Lubrication with accessory installed.



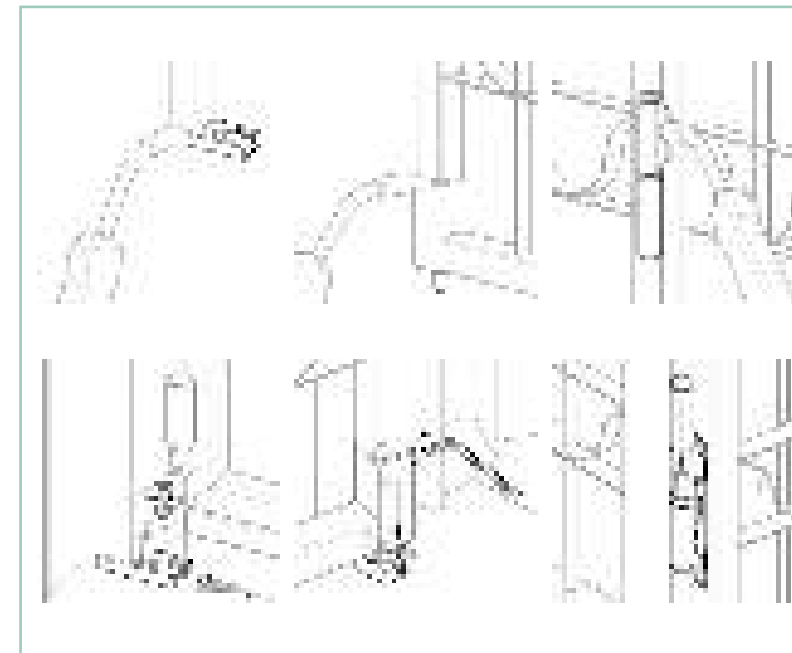
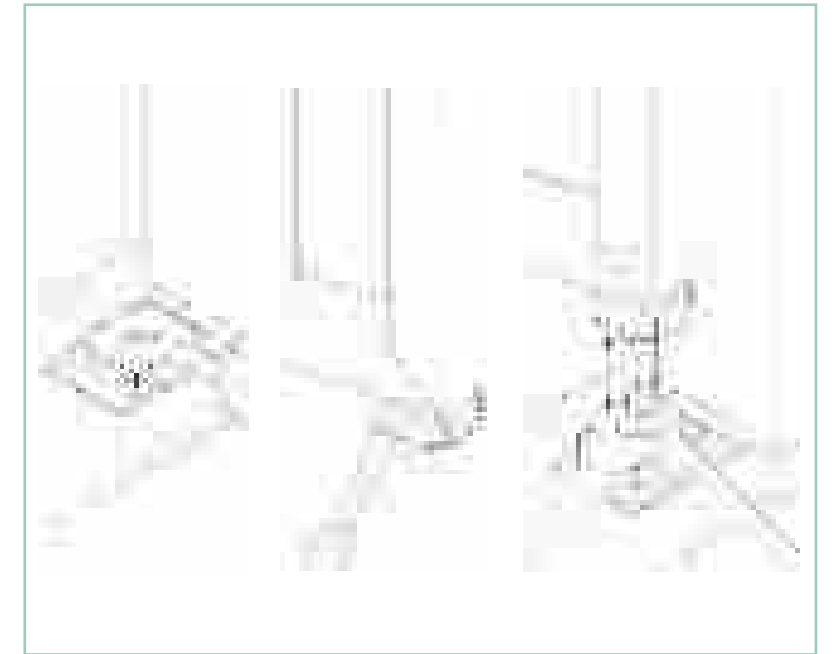
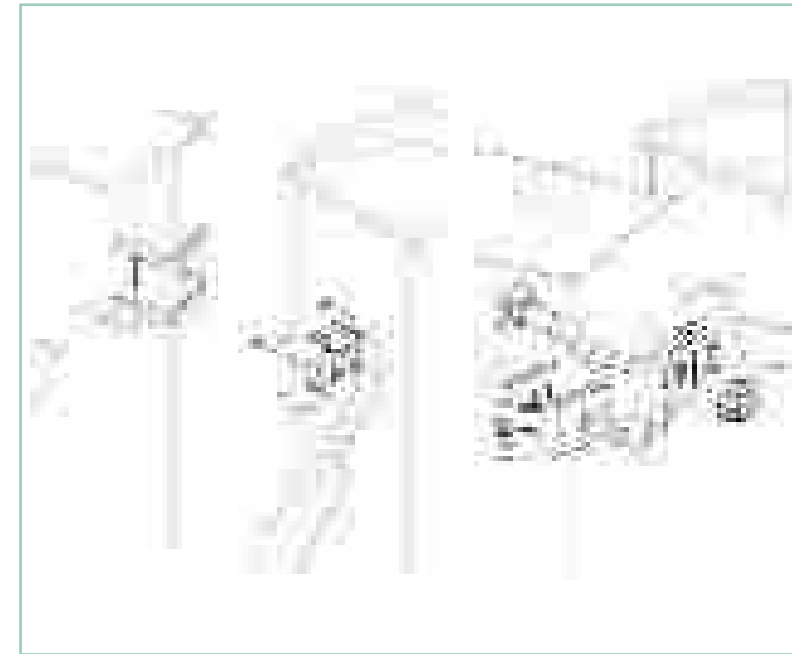
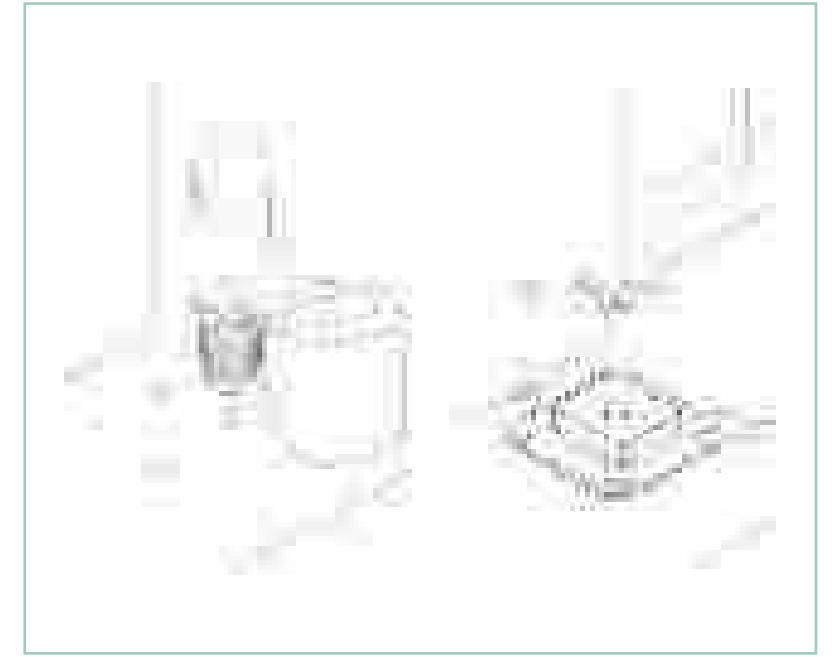
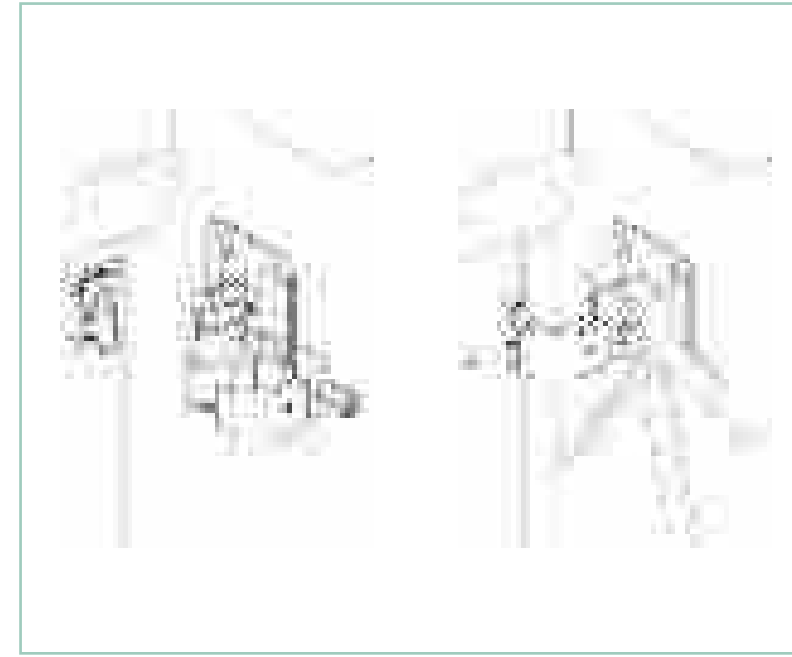
APPLICATIVI

Applications



APPLICATIVI

Applications





SISTEMI DI
CHIUSURA
Block - System

PRECISION

art. 205

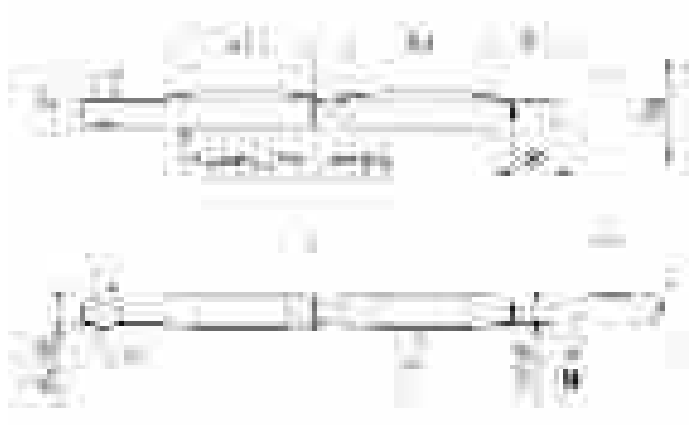
Catenaccio verticale
Vertical square bolt 10x10
шпингалет вертикальный,
оцинкованный, 10x10,
квадратный стержень



cod.	mm.	pz/pcs	L	R	passanti
205.130	130	10	130	2-40	1
205.300	300	10	300	2-40	2
205.500	500	10	500	2-40	2

art. 206

Catenaccio verticale con punta tonda
Vertical square bolt 10x10 with round trip
шпингалет вертикальный,
оцинкованный, 10x10, квадратный
стержень с закруглённым концом



cod.	mm.	pz/pcs	L	R	passanti
206.130	130	10	130	2-40	1
206.300	300	10	300	2-40	2
206.500	500	10	500	2-40	2

art. 210

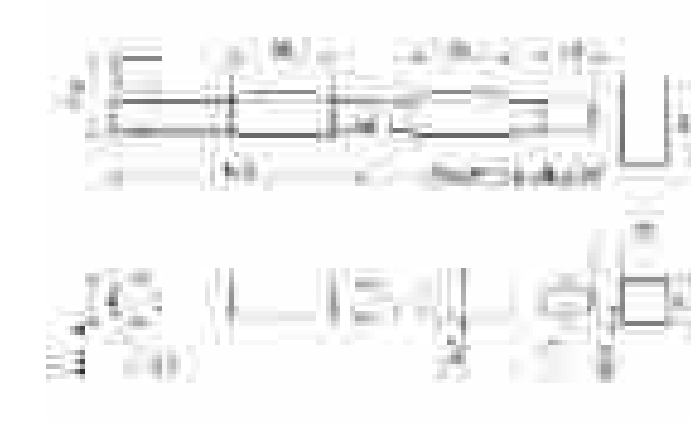
Catenaccio verticale
Vertical square bolt 14x14
шпингалет вертикальный,
оцинкованный, 14x14



cod.	mm.	pz/pcs	L	passanti
210.300	300	10	320	2
210.600	600	8	590	2

art. 211

Catenaccio verticale con punta tonda
Vertical square bolt 14x14 with round trip
шпингалет вертикальный,
оцинкованный, 14x14,
квадратный стержень с
закруглённым концом



cod.	mm.	pz/pcs	L	passanti
211.300	300	10	320	2
211.600	600	8	590	2

art. 215

Catenaccio verticale
Vertical bolt to be welded
шпингалет вертикальный,
оцинкованный, под сварку



cod.	mm.	pz/pcs	L	R
215.150	150	10	151	0 - 49
215.200	200	10	201	0 - 49
215.250	250	10	251	0 - 49
215.300	300	10	301	0 - 49
215.400	400	10	401	0 - 49
215.500	500	10	501	0 - 49
215.700	700	10	701	0 - 49

art. 216

Catenaccio verticale con fori
Vertical bolt screw fix
шпингалет вертикальный,
оцинкованный, крепление болтами



cod.	mm.	pz/pcs	L	R
216.200	200	10	201	0 - 30
216.250	250	10	251	0 - 30
216.300	300	10	301	0 - 30
216.400	400	10	401	0 - 30
216.500	500	10	501	0 - 30
216.700	700	10	701	0 - 30

art. 217

Catenaccio verticale a punta
con fori verniciato
black painted vertical bolt screw fix
шпингалет вертикальный,
окрашенный, чёрный,
крепление болтами



cod.	mm.	pz/pcs	L	R
217.200	200	10	201	0 - 26
217.250	250	10	251	0 - 26
217.300	300	10	301	0 - 26
217.400	400	10	401	0 - 26
217.500	500	10	501	0 - 26
217.700	700	10	701	0 - 26

art. 218

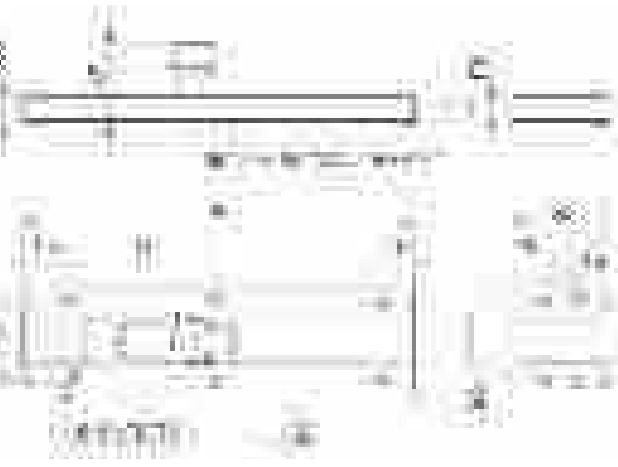
Catenaccio trasversale pesante verniciato
Brown painted heavy transverse bolt
шпингалет усиленный,
окрашенный, коричневый



cod.	mm.	pz/pcs	A	B	C	E	R
218.200	200	6	155	50	55	16	0 - 44
218.300	300	6	222	70	89	25	0 - 72
218.400	400	6	300	95	124	25	0 - 99
218.500	500	6	400	95	182	25	0 - 99

art. 219

Catenaccio verticale pesante verniciato
Brown painted heavy vertical bolt
шпингалет вертикальный, усиленный,
окрашенный, коричневый



cod.	mm.	pz/pcs	A	C	R
219.200	200	6	200	74	0 - 45
219.300	300	6	300	125	0 - 55
219.400	400	6	400	175	0 - 55
219.500	500	6	500	224	0 - 55
219.700	700	4	700	323	0 - 55

art. 220

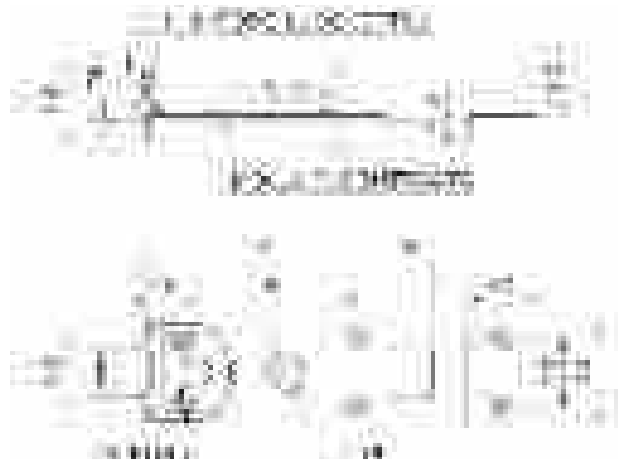
Catenaccio verticale pesante
Heavy vertical bolt to be welded
шпингалет вертикальный, усиленный



cod.	mm.	pz/pcs	L	R
220.200	200	10	200	0 - 43
220.250	250	10	250	0 - 43
220.300	300	10	300	0 - 43
220.400	400	10	400	0 - 53
220.500	500	6	500	0 - 78



cod.	pz/pcs	mm.	A	R
284.130	10	130	82	0 - 35
284.180	10	180	125	0 - 47
284.250	10	250	195	0 - 47



cod.	mm.	pz/pcs	A	B	R
285.150	150	10	105	76	0 - 38
285.200	200	10	150	117	0 - 48

art. 284

Catenaccio portalucchetto
Galvanized padlock - bolt
шпингалет, оцинкованный,
под навесной замок



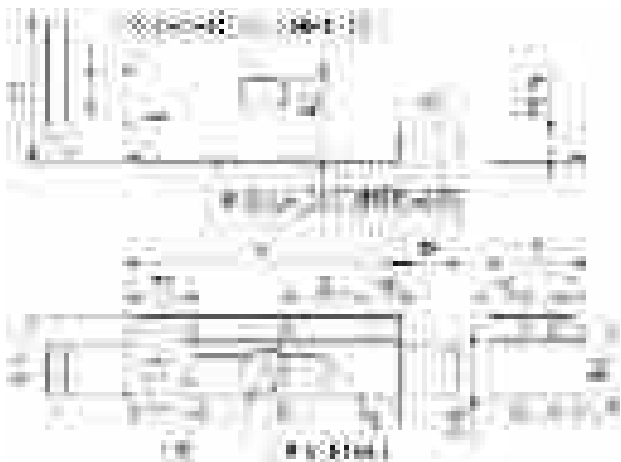
art. 285

Catenaccio portalucchetto
Galvanized padlock - bolt
шпингалет, оцинкованный,
под навесной замок



art. 286

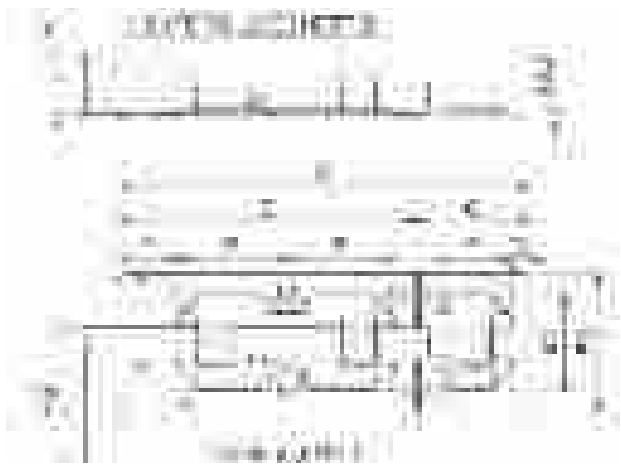
Catenaccio portalucchetto pesante
Galvanized heavy padlock-bolt
шпингалет, усиленный,
оцинкованный, под навесной замок



cod.	mm.	pz/pcs	A	B	E	F	R
286.200	200	5	140	-	50	16	0 - 58
286.300	300	5	205	78	90	25	0 - 90
286.400	400	5	305	126	90	25	0 - 90

art. 287

Catenaccio portalucchetto con asta tonda
Galvanized padlock-bolt
шпингалет, оцинкованный,
под навесной замок



cod.	mm.	pz/pcs	A	B	C	D	E	F	G
287.180	180	6	180	131	49	26	48	33	8
287.220	220	6	215	157	58	27	59	36	10
287.270	270	6	270	184	86	29	74	70	8

art. 288

Catenaccio portalucchetto con asta tonda
Galvanized padlock-bolt with round rod
шпингалет, оцинкованный, под
навесной замок, с круглым стержнем



cod.	mm.	pz/pcs	A	B	C	E	R
288.150	150	10	119	38	32	-	0 - 38
288.200	200	10	143	38	57	-	0 - 63
288.250	250	10	169	64	82	33	0 - 88
288.300	300	10	193	64	107	33	0 - 113

art. 289

Catenaccio verticale con asta tonda
Galvanized round vertical bolt
with round rod to be welded
шпингалет вертикальный, оцинкованный,
круглый стержень, под сварку



cod.	mm.	pz/pcs	L	R
289.150	150	12	150	0 - 55
289.200	200	12	200	0 - 55
289.250	250	12	250	0 - 55
289.300	300	12	300	0 - 55
289.400	400	6	400	0 - 55
289.500	500	6	500	0 - 55
289.700	700	6	700	0 - 55



cod.	mm.	pz/pcs	A	B	R
290.70	70	12	50	20	0 - 22
290.120	120	12	80	40	0 - 38
290.150	150	12	100	50	0 - 50
290.200	200	12	120	70	0 - 75



cod.	mm.	pz/pcs	A	B	R
291.70	70	12	50	20	0 - 22
291.120	120	12	80	40	0 - 38
291.150	150	12	100	50	0 - 50
291.200	200	12	120	70	0 - 75

art. 290

Catenaccio trasversale zincato
Galvanized transverse bolt
шпингалет, оцинкованный



art. 291

Catenaccio trasversale verniciato
Brown painted transverse bolt
шпингалет, окрашенный, коричневый



art. 293

Catenaccio trasversale verniciato
Brown painted transverse bolt
шпингалет, окрашенный, коричневый



cod.	mm.	pz/pcs	A	B	C	R
293.200	200	10	150	40	62	0 - 48
293.250	250	10	200	40	89	0 - 48
293.300	300	10	220	70	97	0 - 78
293.400	400	10	290	100	135	0 - 108

art. 295

Catenaccio verticale verniciato
Brown painted vertical bolt
шпингалет вертикальный, окрашенный, коричневый



cod.	mm.	pz/pcs	A	C	R
295.150	150	10	150	62	0 - 48
295.200	200	10	200	89	0 - 48
295.250	250	10	250	110	0 - 48
295.300	300	10	300	135	0 - 48
295.400	400	10	400	187	0 - 48
295.500	500	8	500	239	0 - 48
295.700	700	6	700	337	0 - 48

art. 297

Catenaccio verticale
Galvanized vertical bolt
Горизонтальный шпингалет



cod.	mm.	pz/pcs	A	C	ØD	E	sp.
297.230	230	10	230	140	Ø16	50	3
297.560	560	10	560	465	Ø16	50	3
297.740	740	10	740	630	Ø20	50	4

art. 298

Catenaccio verticale con portalucchetto
Galvanized padlock - bolt
Горизонтальный шпингалет под навесной замок

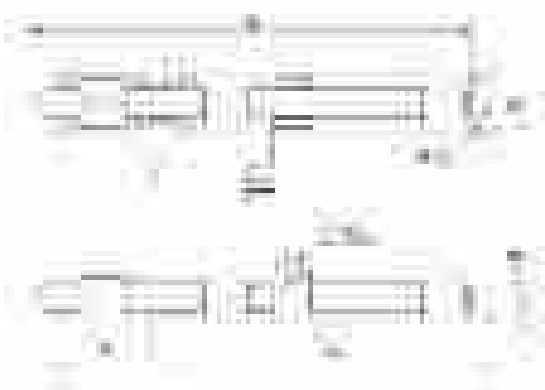


cod.	mm.	pz/pcs	A	C	ØD	E	ØF	sp.
298.12x420	420	10	420	385	Ø12	35	Ø10,5	3
298.16x420	420	10	420	385	Ø16	35	Ø10,5	3
298.16x560	560	10	560	465	Ø16	50	Ø10,5	3
298.20x560	560	10	560	465	Ø20	50	Ø12	4

COMING SOON!

art. 299

Catenaccio trasversale
Galvanized transverse bolt
Шпингалет



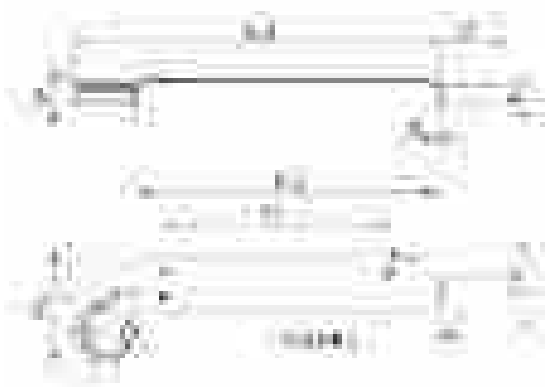
cod.	mm.	pz/pcs	A	B	C	ØD	E
299.100	100	10	100	15	68	Ø10	35
299.150	150	10	150	40	100	Ø12	35
299.200	200	10	200	55	155	Ø12	35
299.250	250	10	250	70	180	Ø16	35
299.320	320	10	320	75	245	Ø16	50
299.560	560	10	560	150	350	Ø16	50

COMING SOON!

art. 301

Paletto a molla con leva ottone
Automatic spring bolt gate closer w/brass lever
заводка с пружиной, реверсивная

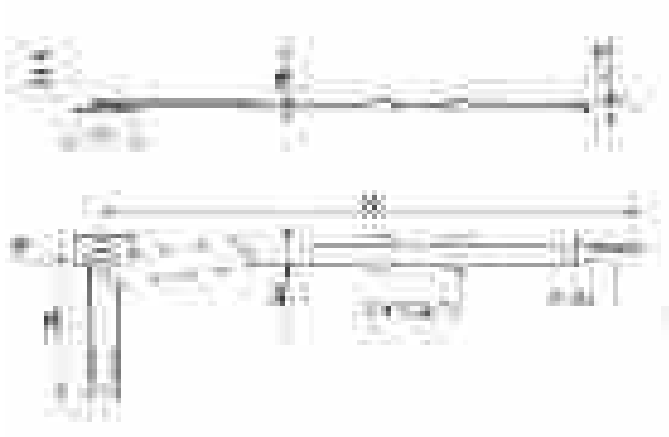
Versione Inox/Stainless Steel pag.194



cod.	mm.	pz/pcs	C
301	UNICA	6	0 - 25

art. 305

Paletto a leva per cancelli
Lever bolt for gates
шпингалет, рычажный для ворот



cod.	mm.	pz/pcs	R	passanti
305.350	350	10	321 - 355	2 pz
305.450	450	10	421 - 455	2 pz
305.600	600	10	571 - 605	3 pz
305.700	700	10	671 - 705	3 pz

art. 310

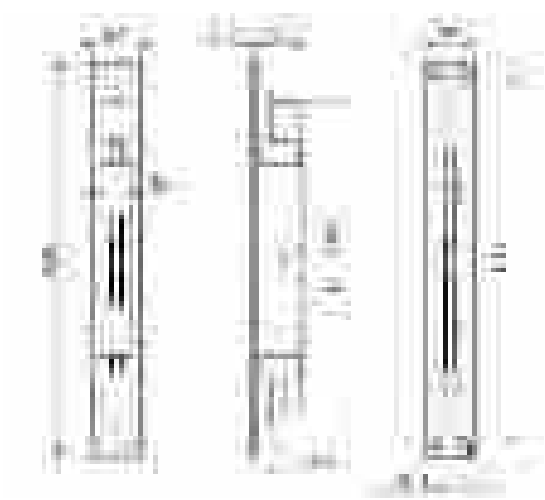
Paletto a leva pesante per cancelli
Heavy lever bolt for gates
шпингалет, усиленный,
рычажный для ворот



cod.	mm.	pz/pcs	R
310.500	500	10	431 - 465
310.700	700	10	631 - 665

art. 221

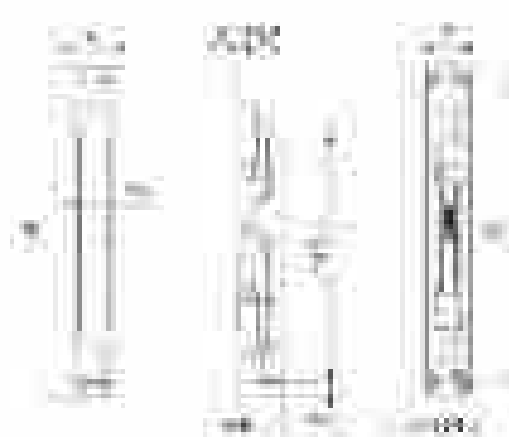
Catenaccio doppia azione con leva ottone
Double action flush-mounted bolt
with brass lever
шпингалет, врезной,
двусторонний, бронзовый рычаг



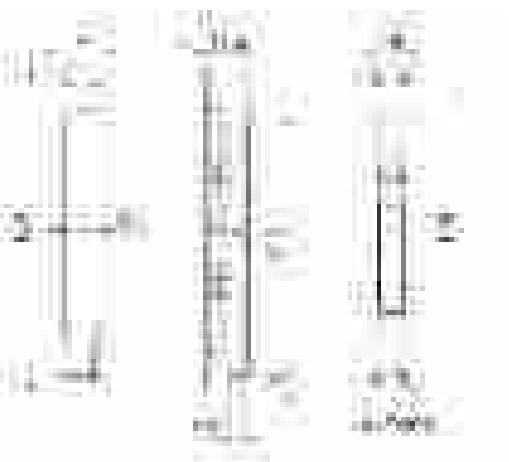
cod.	mm.	pz/pcs
221.24	24	10

art. 222

Catenaccio una azione c/leva acciaio
Single action flush - mounted bolt
шпингалет, врезной, односторонний,
оцинкованный рычаг



cod.	mm.	pz/pcs	A	B	C	E	F	corsa
222.16	16	10	16	147	125	-	6,5	17
222.20	20	10	20	152	135	12,5	9	17
222.24	24	10	24	160	141	14	13	17



art. 223

Catenaccio una azione con leva ottone
Flush bolt with brass lever
шпингалет, врезной, односторонний,
бронзовый рычаг



cod.	mm.	pz/pcs	A	corsa
223.20	20	10	20	17
223.24	24	10	24	17



art. 225

Chiavistello pesante
Small bolt to be welded
шпингалет малый, под сварку



cod.	mm.	pz/pcs
225	UNICA	50

art. 230

Tavellino per sportelli
Flap doors latch
завдвижка поворотная

Versione Inox/Stainless Steel pag.198



cod.	mm.	pz/pcs
230	UNICA	50

art. 231

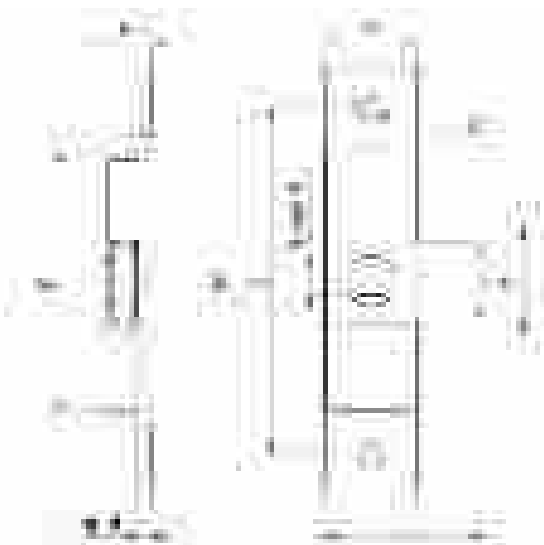
Chiave per tavellino
Key for latch
ключ для задвижки



cod.	mm.	pz/pcs
231	UNICA	50

art. 232

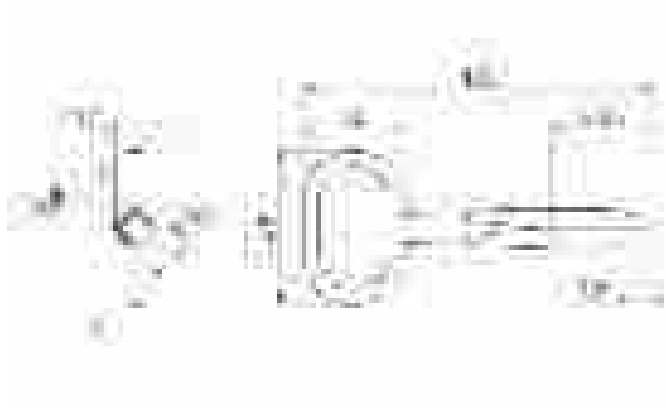
Chiavistello a scatto per sportelli
Heavy latch for flap doors
завдвижка поворотная, усиленная



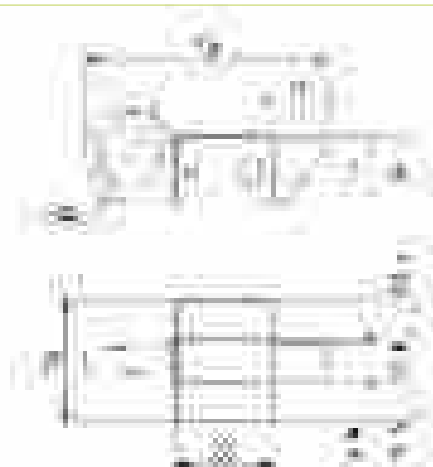
cod.	mm.	pz/pcs	A	B	C	ØD	E	F	L	R
232.P	PICCOLO	20	18	101	81	Ø5,3	12	64	34	6,5x18
232.G	GRANDE	20	27	126	102	Ø6,5	15	77	47	7,5x24

art. 233

Chiave per chiavistello a scatto
Key for latch
ключ для задвижки, усиленной



cod.	mm.	pz/pcs
233	UNICA	20

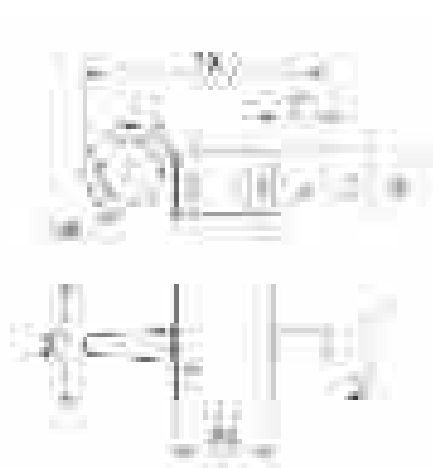


art. 265

Cricchetto medio
Medium catch
защёлка средняя

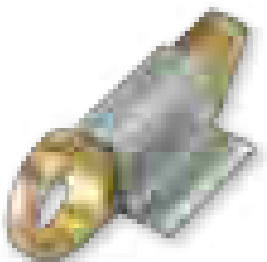


cod.	mm.	pz/pcs	C
265	MEDIO	20	2 - 16



art. 265 T

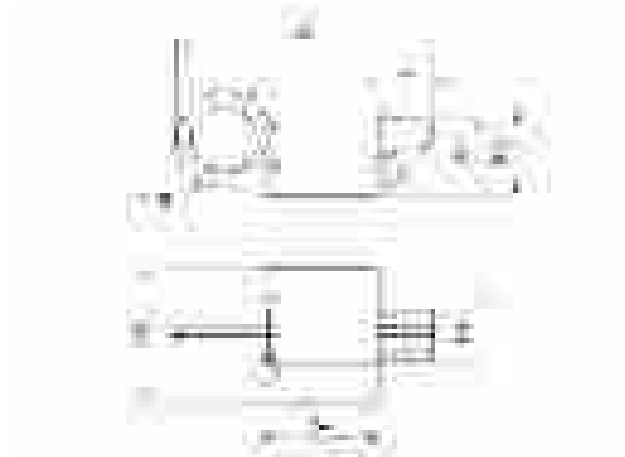
Cricchetto medio tropicalizzato
Medium galvanized catch
защёлка средняя, оцинкованная



cod.	mm.	pz/pcs	C
265T	MEDIO	20	2 - 16

art. 266

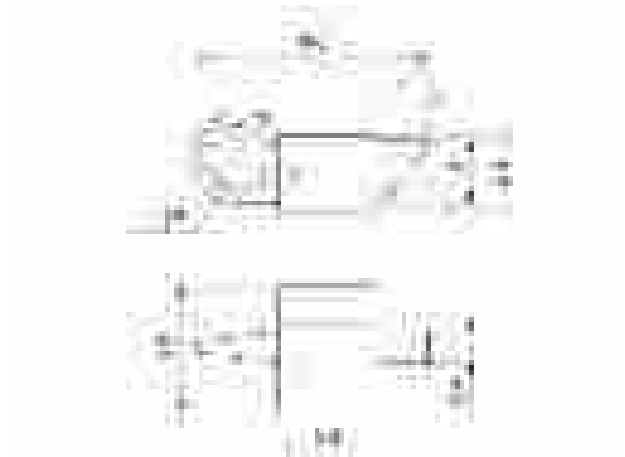
Cricchetto gigante
Large catch
защёлка большая



cod.	mm.	pz/pcs	C
266	GIGANTE	25	0 - 16

art. 267

Cricchetto medio ottone
Medium brass catch
защёлка средняя, латунная



cod.	mm.	pz/pcs	C
267	MEDIO	25	0 - 15

art. 270

Piastrina aperta per cricchetto medio
Medium u-staple catch
планка ответная, средняя



cod.	mm.	pz/pcs
270	MEDIA	50

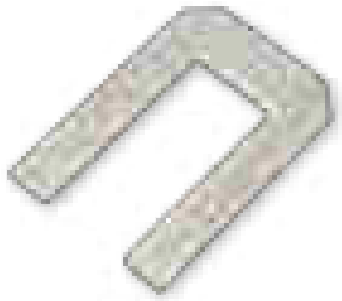


art. 271

Piastrina per cricchetto gigante
Large u-staple catch
планка ответная, большая



cod.	mm.	pz/pcs
271	GIGANTE	100



art. 274

Vite fermavetro
Screws for glass profile
болт для профиля

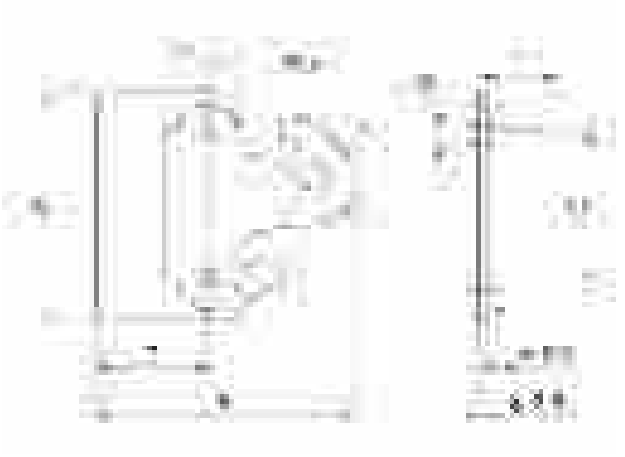


cod.	mm.	pz/pcs	A	ØD	L	M
274.10	10	1000	9,5	Ø6	14,5	Ø4,2
274.12	12	1000	13	Ø8	19,5	Ø4,8



art. 275

Cerniera wasistas
Bottom wasistas hinge
нижняя петля

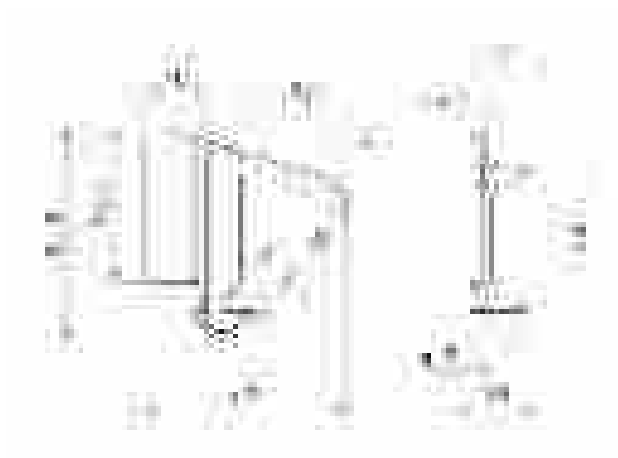


cod.	mm.	pz/pcs	A	B	C	ØD	E	F
275.65	65	20	66	76	32,5	Ø6	44	13,5
275.85	85	20	87	93	37	Ø7	55	11,5



art. 278

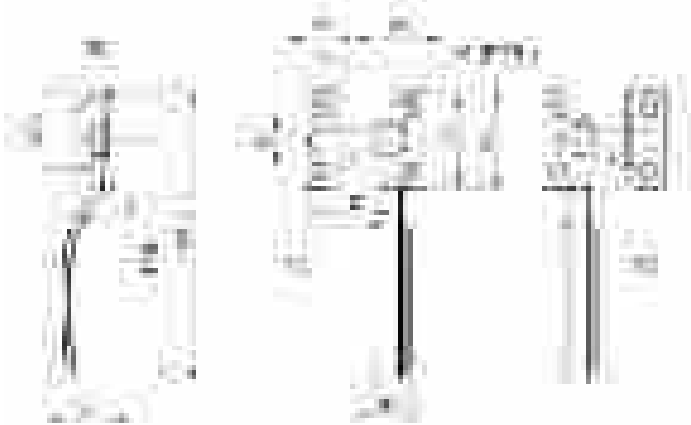
Cerniera wasistas con ala lunga
Bottom wasistas hinge with long wing
нижняя петля с длинным крылом



cod.	mm.	pz/pcs
278.65	65	20

art. 280

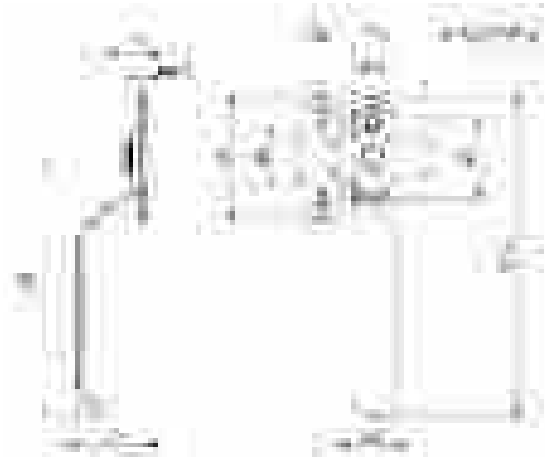
Maniglia a blocco
Right/left lever bolt for windows
задвижка оконная, левая, правая



cod.	mm.	pz/pcs
280DX	DX	12
280SX	SX	12

art. 281

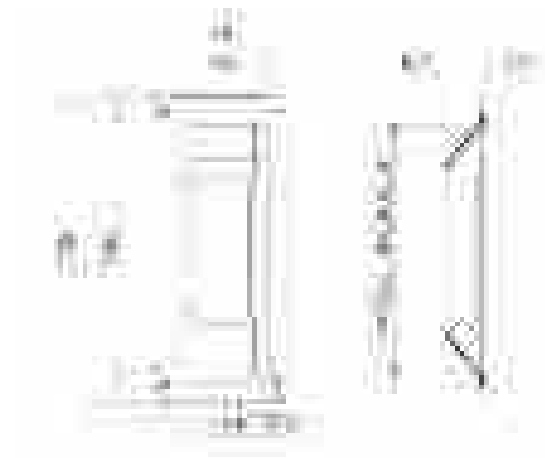
Maniglia a blocco ambidestra
Right/left lever bolt for windows
задвижка оконная, универсальная



cod.	mm.	pz/pcs
281	AMBIDX	12

art. 337

Maniglia da incasso a fissare
Flush-mounted handle
ручка утопленная

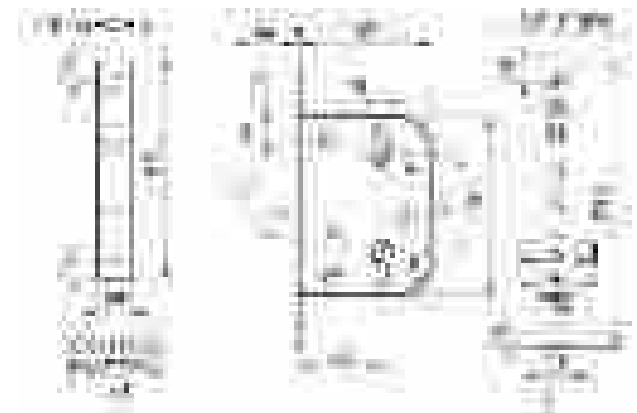


cod.	mm.	pz/pcs
337	UNICA	30



art. 350

Serratura a gancio con contropiastra e cilindro
Sliding gates hook-lock w/counter-plate w/cylinder
замок для откатных ворот с цилиндром 60мм и ответной планкой

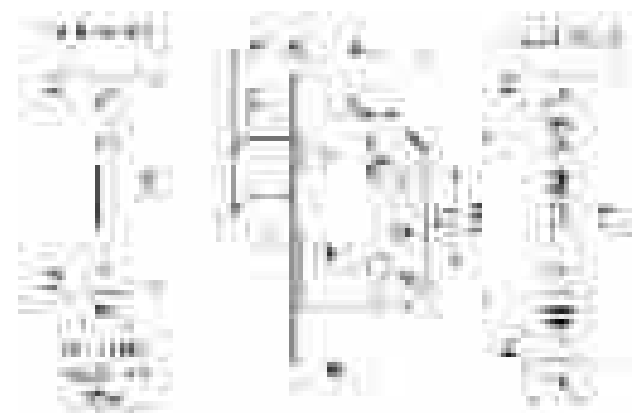


cod.	mm.	pz/pcs
350.60	60	1

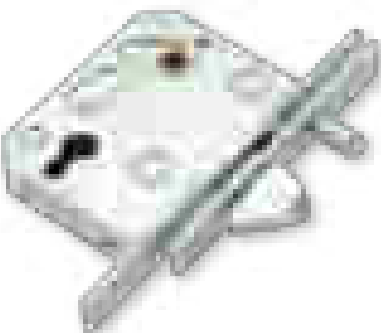


art. 351

Serratura a gancio con
contropiastra senza cilindro
Sliding gates hook-lock
w/counter-plate without cylinder
замок для откатных ворот с
ответной планкой

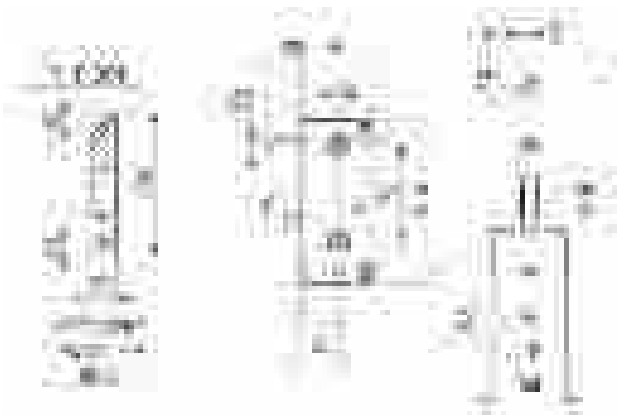


cod.	mm.	pz/pcs
351.60	60	1



art. 353

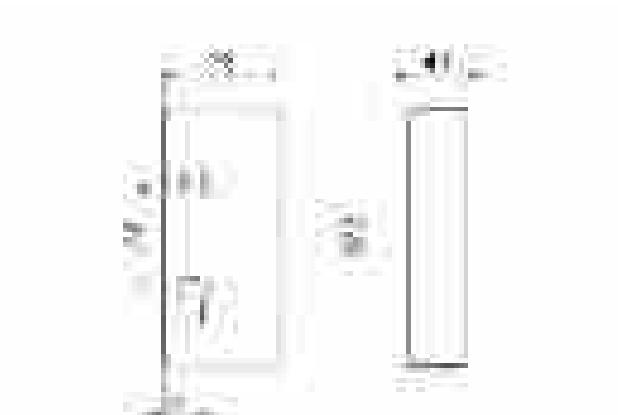
Serratura a gancio con contropiastra e cilindro
Sliding gates hook-lock w/counter-plate w/cylinder
замок для откатных ворот с
цилиндром и ответной планкой



cod.	mm.	pz/pcs	A	B
353.30	30	5	27	53
353.40	40	5	37	63

art. 354

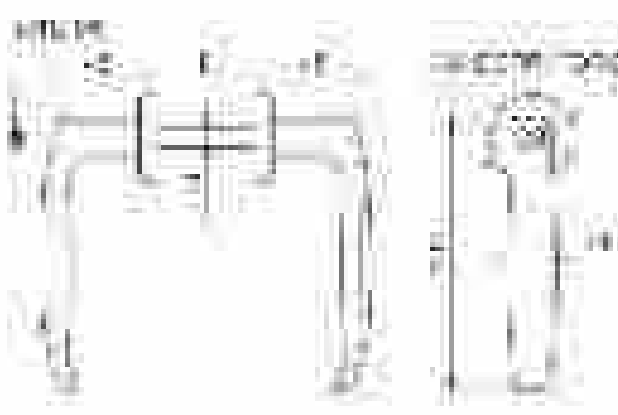
Scatola copriserratura
Lock cover box
кожух для замка оцинкованный



cod.	mm.	pz/pcs	A
354.40	40	6	20
354.50	50	6	10

art. 355

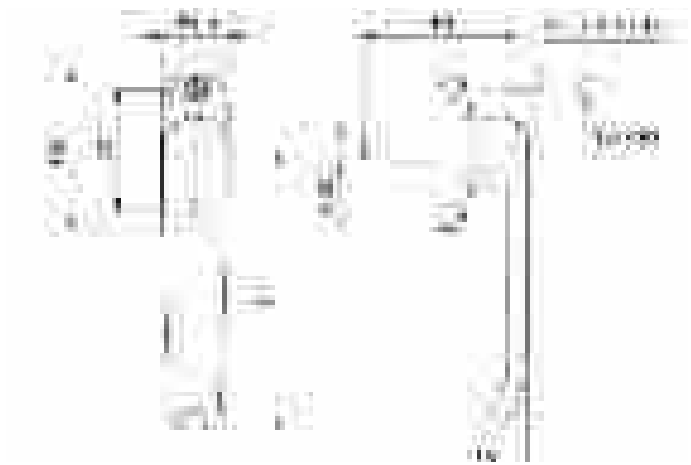
Maniglia con vite in testa verniciata
Painted handle with screw
ручка чёрная



cod.	mm.	pz/pcs	L
355.25/35	25-35	20	25-35
355.40/50	40-50	20	40-50
355.50/60	50-60	20	50-60

art. 356

Maniglia per persiana in nylon
Nylon black handle for shutter
ручка чёрная



cod.	mm.	pz/pcs
356	UNICA	10

art. 357

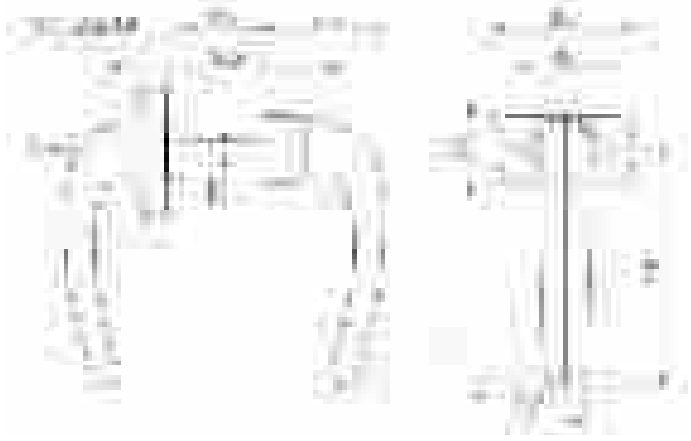
Maniglia con grano regolabile verniciata
Painted handle with adjustable pin
ручка чёрная



cod.	mm.	pz/pcs	L
357	UNICA	20	64-77

art. 358

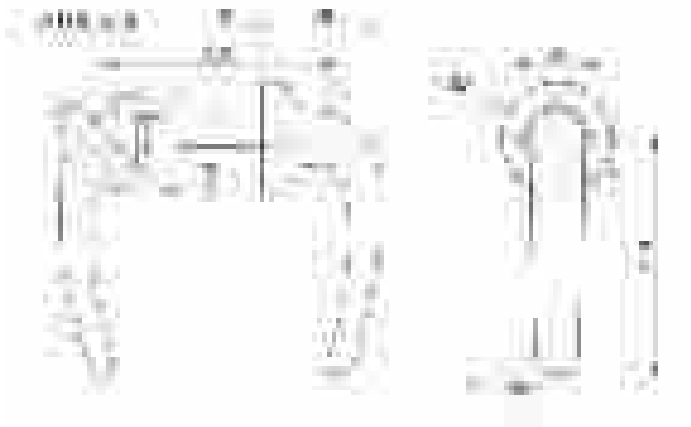
Maniglia per montante in nylon
Nylon black handle
ручка чёрная



cod.	mm.	pz/pcs
358	UNICA	8

art. 359

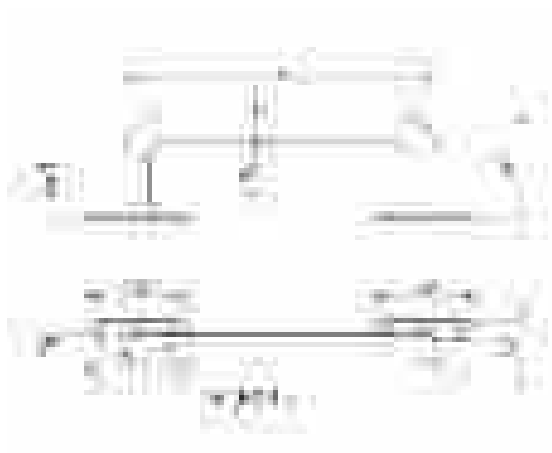
Maniglia per fascia in nylon
Nylon black handle for side door
ручка чёрная



cod.	mm.	pz/pcs
359	UNICA	8

art. 360

Maniglione diritto verniciato
Painted straight handle for gates
ручка, прямая, окрашенная, для ворот



cod.	mm.	pz/pcs	L
360.180	180	10	180
360.230	230	10	230

art. 361

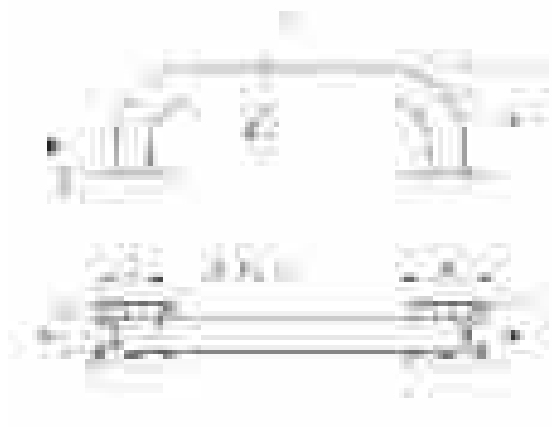
Maniglione curvato verniciato
Paintes folded handle for gates
ручка, изогнутая, окрашенная, для ворот



cod.	mm.	pz/pcs	L
361.180	180	10	180
361.230	230	10	230

art. 363

Maniglione tubolare diritto verniciato
Painted straight tubular handle for gates
ручка, прямая, окрашенная, для ворот

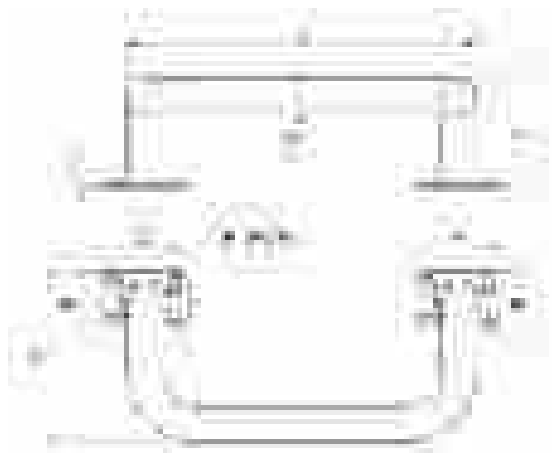


cod.	mm.	pz/pcs	A	B	C	E	ØD	ØF	H	L	sp
363.180	180	10	50	35	35	20	Ø20	Ø6	64	200	3
363.280	280	10	65	46	47	28	Ø28	Ø7	80	308	4



art. 365

Maniglione tubolare curvato verniciato
Painted folded tubular handle for gates
ручка, изогнутая, окрашенная, для ворот

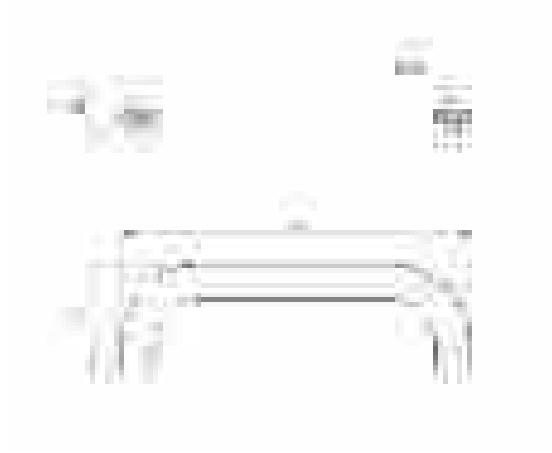


cod.	mm.	pz/pcs	A	B	C	ØD	E	ØF	H	L	M	sp
365.180	180	10	50	35	35	Ø20	20	Ø6	64	200	98	3
365.280	280	10	65	46	47	Ø28	28	Ø7	80	308	144	4



art. 364

Maniglione tubolare diritto
c/boccole a fissare
Painted straight tubular handle
for gates with bush, screw fix
ручка, прямая, окрашенная, для
ворот, скрытое крепление

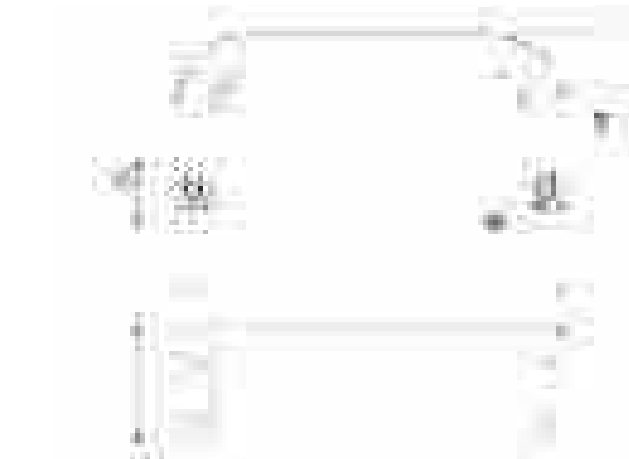


cod.	mm.	pz/pcs	ØD	H	L
364.180	180	10	Ø20	60	200
364.280	280	10	Ø28	74	308



art. 366

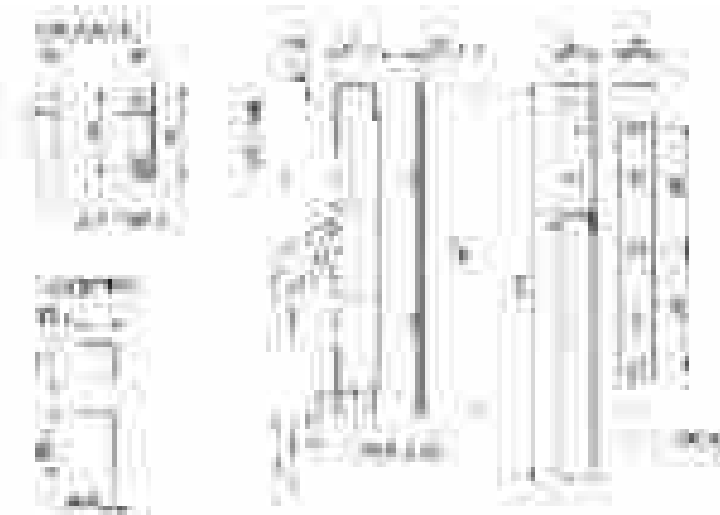
Manigliere tubolare curvato
c/boccole a fissare
*Painted folded tubular handle
for gates with bush screw fix*
ручка, изогнутая, окрашенная,
для ворот, скрытое крепление



cod.	mm.	pz/pcs	ØD	H	L	M
366.180	180	10	Ø20	60	200	90
366.280	280	10	Ø28	74	308	135

art. 385

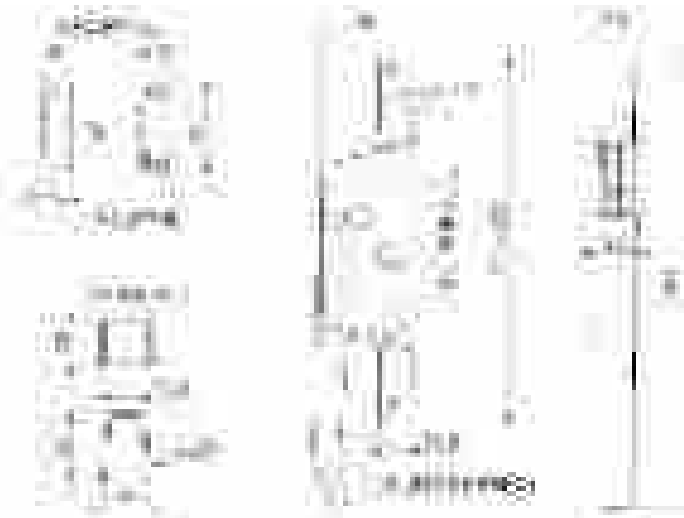
Cariglione per asta 10x10 verniciato
Painted closing lever bolt system
ручка-здвижка двусторонняя,
окрашенная



cod.	mm.	pz/pcs	incontro	passante	vite	asta (art.393)
385	UNICA	6	2 pz	4 pz	2 pz	10x10

art. 390

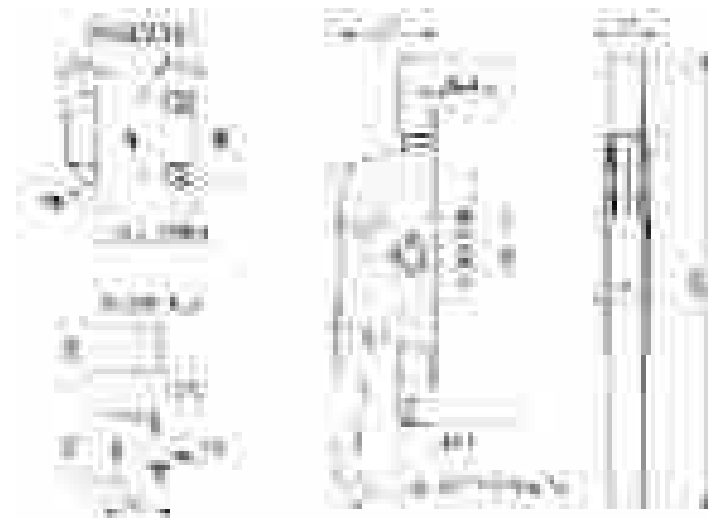
Cariglione per asta 14x14 senza cilindro
Galvanized closing lever bolt system
ручка задвижка двусторонняя,
оцинкованная



cod.	mm.	pz/pcs	asta (art.394)	perno	passante	incontro
390	UNICA	5	14x14	2 pz	4 pz	1 pz

art. 391

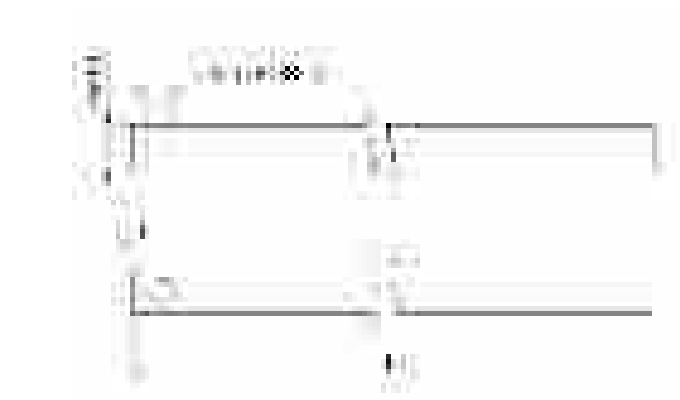
Cariglione per asta 14x14 con cilindro
*Galvanized closing lever
bolt system with cylinder*
ручка задвижка двусторонняя,
оцинкованная, с цилиндром



cod.	mm.	pz/pcs	asta (art.394)	perno	passante	incontro
391	UNICA	5	14x14	2 pz	4 pz	1 pz

art. 393

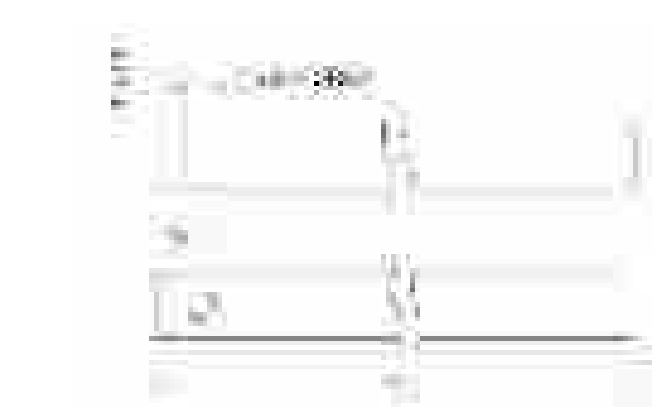
Asta 10x10
Lever bolt rod
ригель для ручки-здвижки 10x10



cod.	m.	pz/pcs	L	cariglione
393.10x1,5	1,5	1	1500	art. 385
393.10x2	2	1	2000	

art. 394

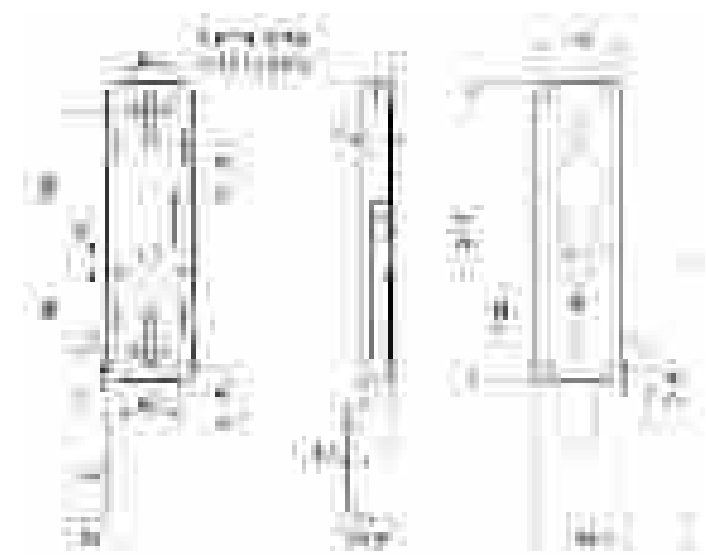
Asta 14x14
Lever bolt rod
ригель для ручки-здвижки 14x14



cod.	m.	pz/pcs	L	cariglione
394.14x1,5	1,5	1	1500	art. 390-391
394.14x2	2	1	2000	

art. 5000

Cariglione grande
Closing lever bolt system
замок-зadвижка двусторонний,
левый/правый



cod.	mm.	pz/pcs	asta
5000.DX	DX	2	10x30
5000.SX	SX	2	10x30

LEGENDA SIMBOLI

Symbol description



COMPONENTE DA SALDARE_COMPONENTS REQUIRING WELDING

- Realizzare una saldatura di dimensioni adatte a supportare le forze in gioco e con materiale d'apporto idoneo.
- Rinforzare adeguatamente le zone d'attacco all'anta e/o alla struttura / telaio.
- The weld must be adequately sized to support the applied forces and with suitable electrode material.
- Adequately strengthen the areas anchoring the door and/or structure / frame.



COMPONENTE DA FISSARE_COMPONENTS REQUIRING SCREW MOUNTING

- Fissare con tasselli / bulloni di dimensioni adatte a supportare le forze in gioco.
- Rinforzare adeguatamente le zone d'attacco all'anta e/o alla struttura / telaio.
- Mount with adequately sized expansion bolts capable of sustaining the applied forces.
- Adequately strengthen the areas anchoring the door and/or structure / frame.



COMPONENTE REGOLABILE_ADJUSTABLE COMPONENT

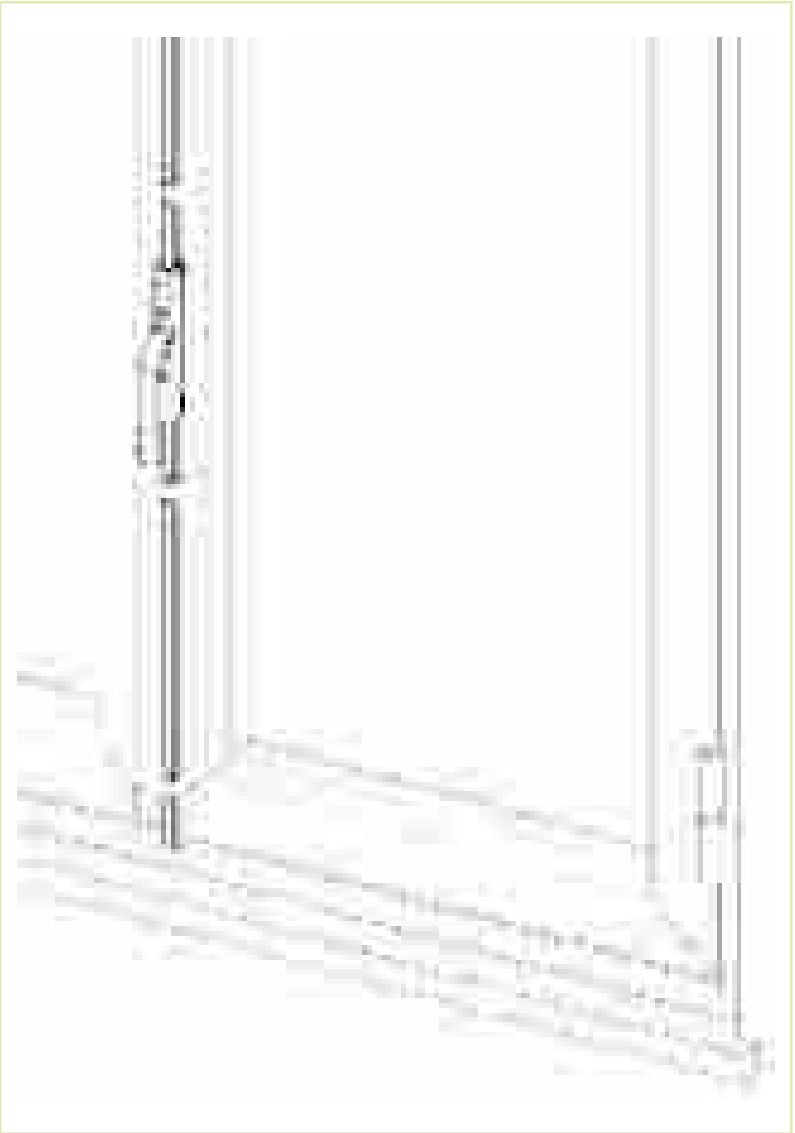
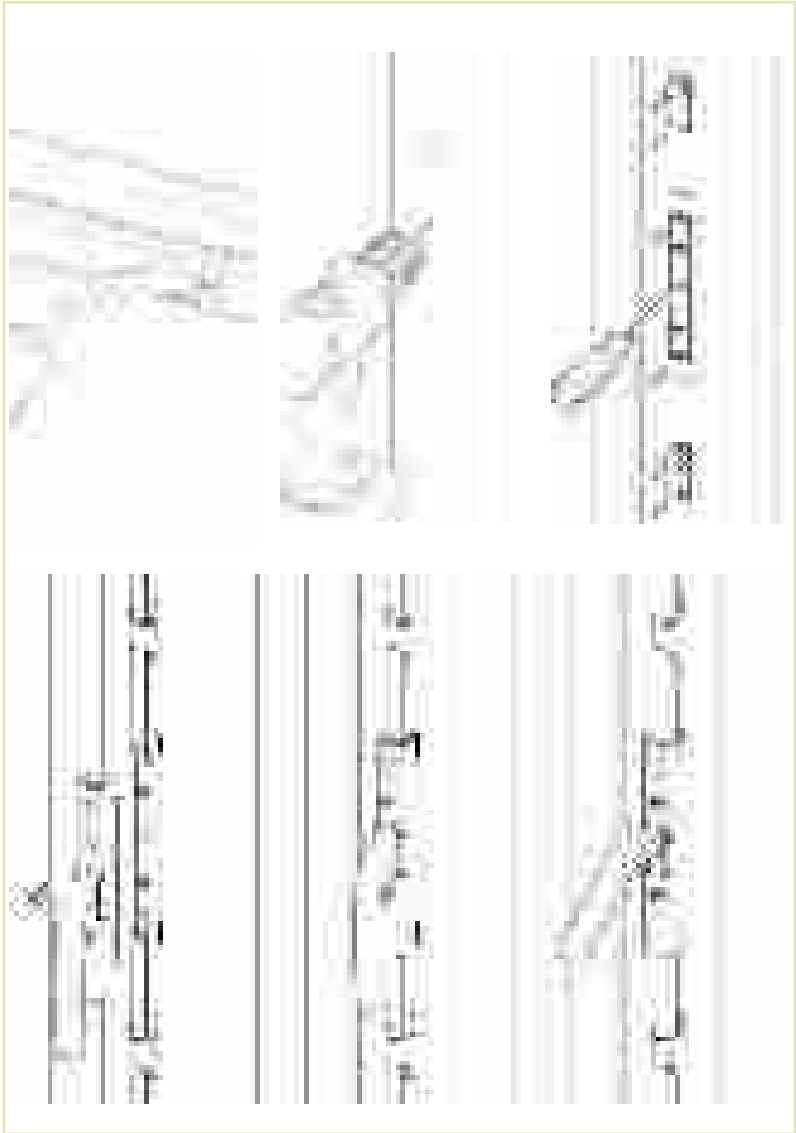
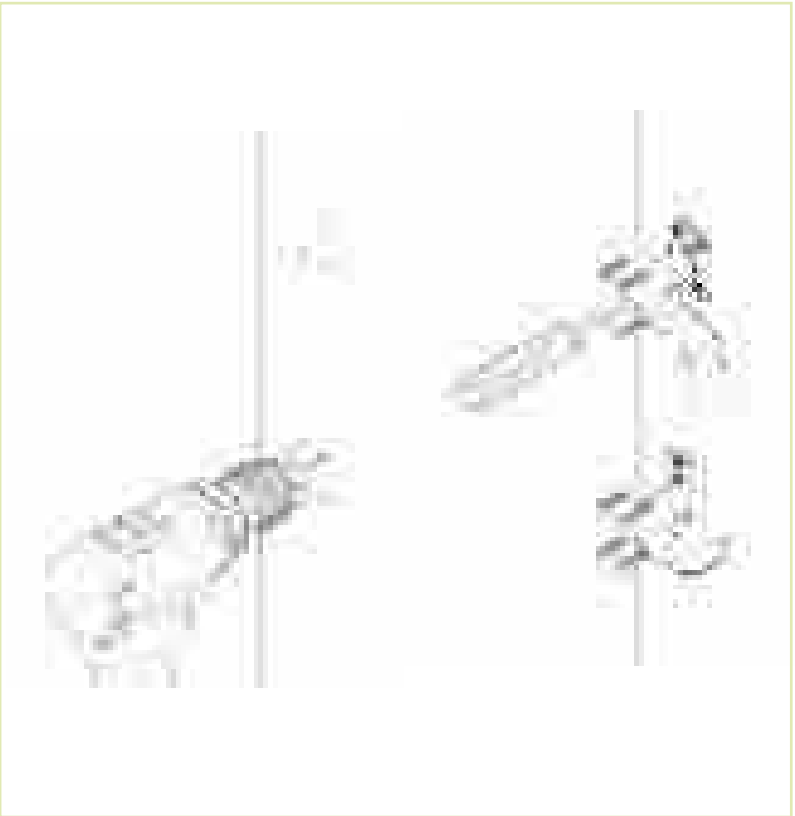
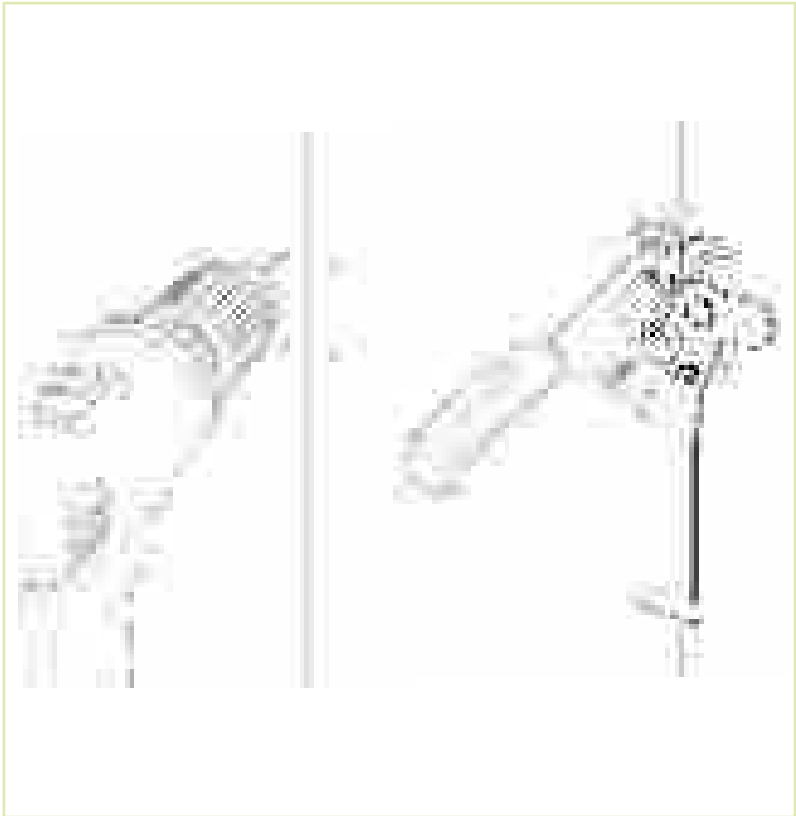
- Regolazione effettuabile ad accessorio montato.
- The accessory can be adjusted after installation.

NOTE

Notes

APPLICATIVI

Applications



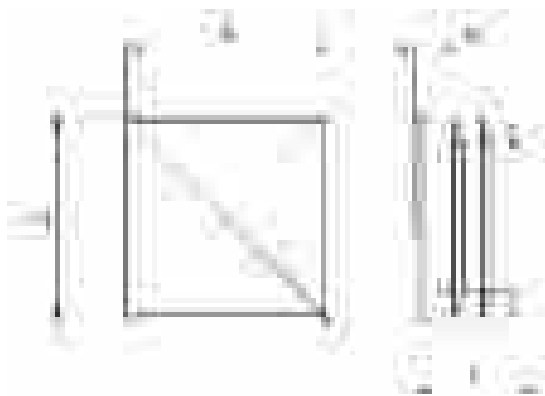


SECURITY

ACCESSORI
Hardware

art. 330

Copripilastro quadro in plastica
Square post cap
колпак на столб квадратный



cod.	mm.	A	H	L
330.12	12	12x12	2	10
330.15	15	15x15	3	10
330.16	16	16x16	3	10
330.20	20	20x20	4	11
330.25	25	25x25	3	15
330.30	30	30x30	6	16
330.35	35	35x35	5	15
330.40	40	40x40	5	15
330.50	50	50x50	5	21
330.60	60	60x60	6	24
330.80	80	80x80	6	30
330.100	100	100x100	9	27

art. 331

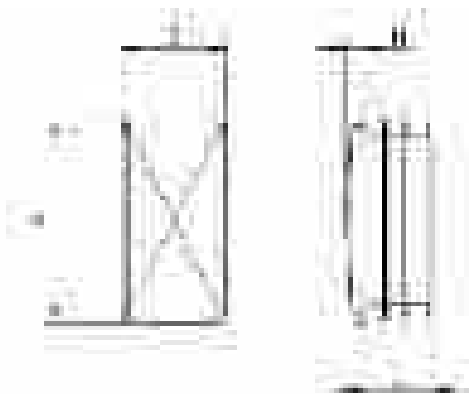
Copripilastro tondo in plastica
Round post cap
колпак на столб круглый



cod.	Ø	ØD	H	L
331.10	10	Ø10	2	8
331.15	15	Ø15	3	9
331.16	16	Ø16	3	9
331.20	20	Ø20	4	10
331.25	25	Ø25	3	15
331.30	30	Ø30	5	16
331.32	32	Ø32	4	16
331.35	35	Ø35	5	17
331.40	40	Ø40	4	17
331.45	45	Ø45	4	16
331.50	50	Ø50	4	17
331.60	60	Ø60	8	17
331.80	80	Ø80	5	17
331.100	100	Ø100	8	28

art. 332

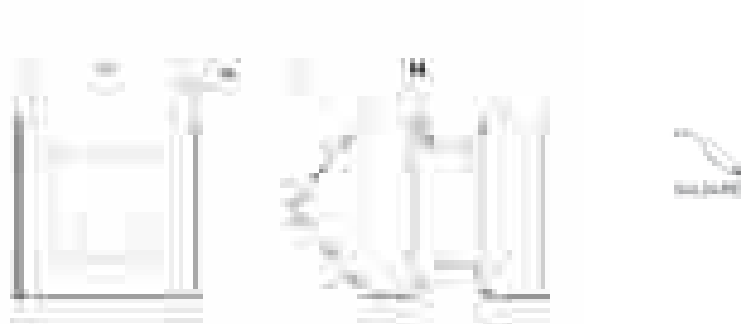
Copripilastro rettangolare in plastica
Rectangular post cap
колпак на столб прямоугольный



cod.	mm.	A	B	H	L
332.15x30	15x30	30	15	4	10
332.20x30	20x30	30	20	4	10
332.20x40	20x40	40	20	5	10
332.20x80	20x80	80	20	3	17
332.25x40	25x40	40	25	5	12
332.25x50	25x50	50	25	5	12
332.30x40	30x40	40	30	6	12
332.30x50	30x50	50	30	6	12
332.30x60	30x60	60	30	6	19
332.30x100	30x100	100	30	3	16

art. 339

Copripilastro quadro sagomato
Shaped post cap
колпак на столб, фигурный

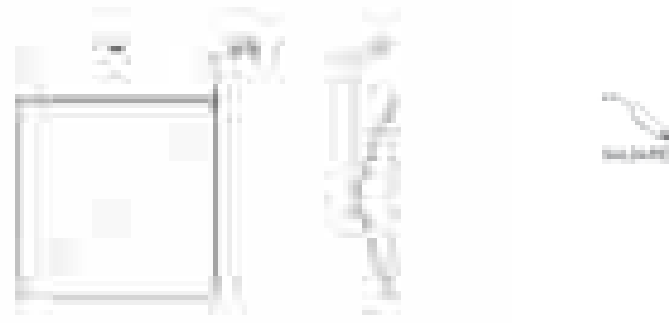


cod.	mm.	pz/pcs	A	H	sp
339.50	50	10	52x52	71	1,5
339.60	60	10	62x62	85	1,5
339.70	70	10	72x72	97	1,5
339.80	80	10	82x82	120	1,5
339.100	100	8	102x102	148	2
339.120	120	6	122x122	166	2
339.150	150	4	152x152	195	2,2

art. 340

Copripilastro quadro
Square post cap
колпак на столб квадратный

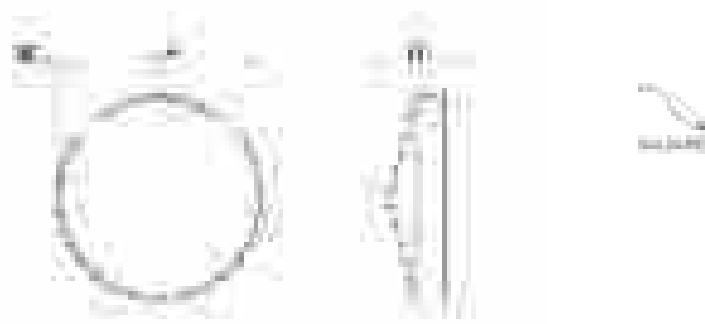
Versione Inox/Stainless Steel pag.192



cod.	cod.zincato	mm.	pz/pcs	A	H	sp
340.50	340Z.50	50	100	51x51	17	1,5
340.60	340Z.60	60	80	61x61	20	1,5
340.80	340Z.80	80	50	81x81	22	1,5
340.100	340Z.100	100	40	101x101	26	1,5
340.120	340Z.120	120	50	121x121	29	1,5
340.150	340Z.150	150	30	151x151	35	1,5
340.175	340Z.175	175	25	176x176	37	1,8
340.200	340Z.200	200	20	201x201	40	1,8

art. 341

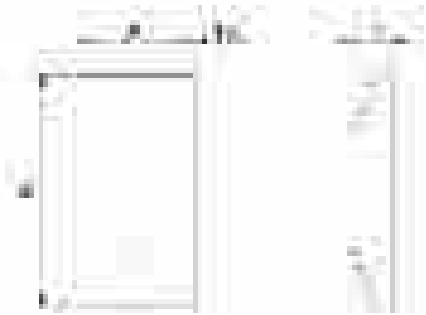
Copripilastro tondo
Round post cap
колпак на столб круглый



cod.	cod.zincato	Ø	pz/pcs	A	H	sp
341.30	341Z.30	30	100	Ø31	19	1,5
341.33	341Z.33	33	100	Ø34	19	1,5
341.42	341Z.42	42	100	Ø43	22	1,5
341.48	341Z.48	48	100	Ø49	26	1,5
341.60	341Z.60	60	70	Ø61	26	1,5
341.76	341Z.76	76	50	Ø77	36	1,5
341.90	341Z.90	90	40	Ø90	27	1,5
341.101	341Z.101	101	36	Ø102	28	1,5
341.114	341Z.114	114	32	Ø115	37	1,5

art. 342

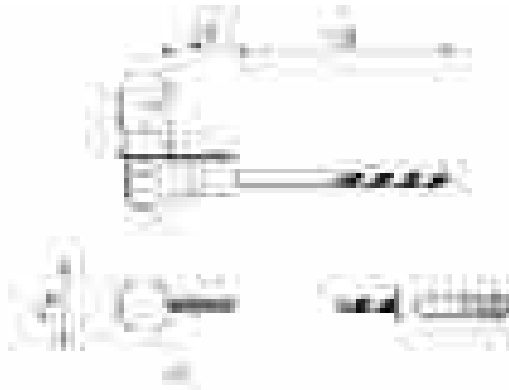
Copripilastro rettangolare
Rectangular post cap
колпак на столб
прямоугольный



cod.	cod.zincato	mm.	pz/pcs	A	B	H	sp
342.20x30	342Z.20x30	20x30	100	21	31	12	1,5
342.20x40	342Z.20x40	20x40	100	21	41	12	1,5
342.30x50	342Z.30x50	30x50	100	31	51	14	1,5
342.30x60	342Z.30x60	30x60	100	31	61	14	1,5
342.40x60	342Z.40x60	40x60	100	41	61	16	1,5
342.40x80	342Z.40x80	40x80	100	41	81	16	1,5
342.50x100	342Z.50x100	50x100	60	51	101	18	1,5

art. 500

Fermapersiana omino
Window shutter - latch without stop
защёлка для ставень



cod.	pz/pcs	finitura
500.N	25	verniciato nero
500.T	25	tropicalizzato

art. 501

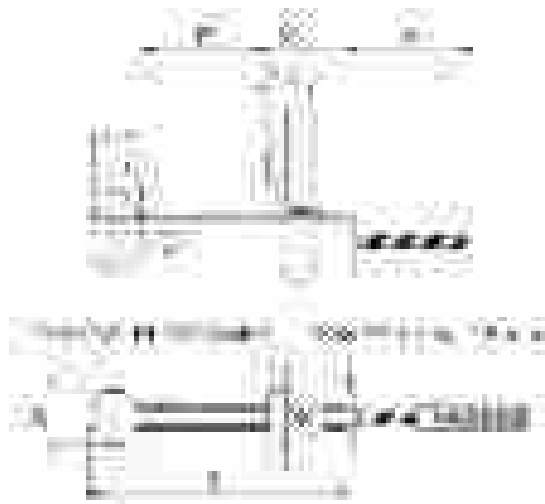
Fermapersiana omino con fermo
Window shutter - latch adjustable stop
защёлка для ставень с упором



cod.	pz/pcs	finitura
501.N	25	verniciato nero
501.T	25	tropicalizzato

art. 502

Fermapersiana omino con fermo regolabile
Window shutter-latch with adjustable stop
защёлка для ставень с регулируемым упором



cod.	pz/pcs	A	L	R	anta	finitura
502.N	40	55	115	25 - 60	singola	verniciato nero
502.T	40	55	115	25 - 60	singola	tropicalizzato
502.DAN	25	65	185	25 - 130	doppia	verniciato nero
502.DAT	25	65	185	25 - 130	doppia	tropicalizzato



art. 503

Fermapersiana tipo zanca con fermo
Window shutter-latch with fixed stop
защёлка для ставень



cod.	pz/pcs	finitura
503.N	25	verniciato nero
503.T	25	tropicalizzato



art. 504

Fermapersiana tipo molla con fermo
Window shutter-latch with fixed stop
защёлка для ставень

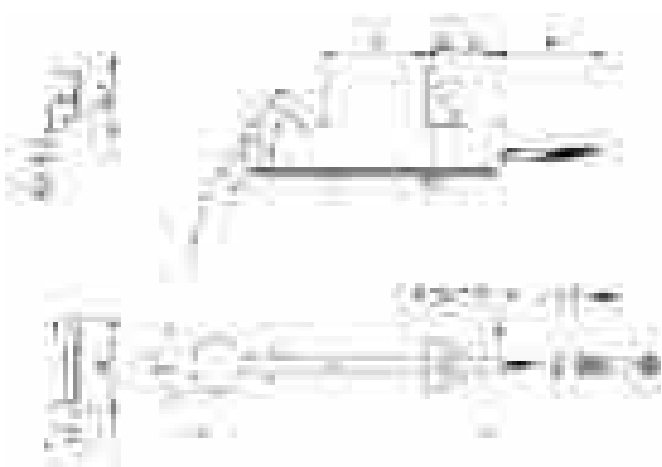


cod.	pz/pcs	anta	finitura
504.N	25	singola	verniciato nero
504.T	25	singola	tropicalizzato



art. 505

Fermapersiana regolabile a pendolo
Window shutter - latch with adjustable stop
защёлка для ставень
с регулируемым упором



cod.	pz/pcs	A	L	R	anta	finitura
505.N	40	55	150	0 - 60	singola	verniciato nero
505.T	40	55	150	0 - 60	singola	tropicalizzato
505.DAN	25	65	215	0 - 125	doppia	verniciato nero
505.DAT	25	65	215	0 - 125	doppia	tropicalizzato

art. 506

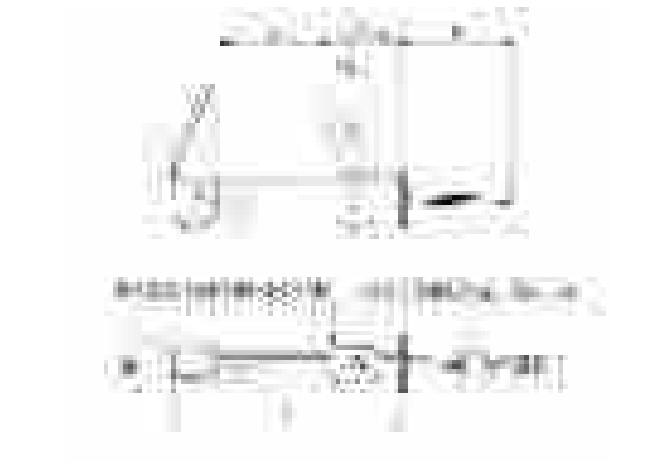
Fermapersiana regolabile stilizzato
Window shutter - latch with adjustable stop
защёлка для ставень
с регулируемым упором



cod.	pz/pcs	A	L	R	anta	finitura
506.N	50	55	110	30 - 65	singola	verniciato nero
506.T	50	55	110	30 - 65	singola	tropicalizzato
506.DAN	25	65	180	30 - 135	doppia	verniciato nero
506.DAT	25	65	180	30 - 135	doppia	tropicalizzato

art. 507

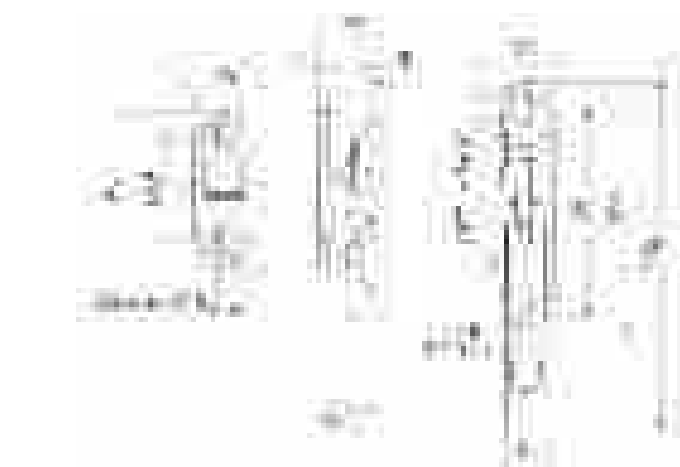
Fermapersiana regolabile stilizzato
con fermo reversibile
*Reversible window shutter - latch
with adjustable stop*
защёлка для ставень с
регулируемым упором, реверсивная



cod.	pz/pcs	A	L	R	anta	finitura
507.N	50	55	110	25 - 60	singola	verniciato nero
507.DAN	25	65	180	25 - 130	doppia	verniciato nero

art. 508

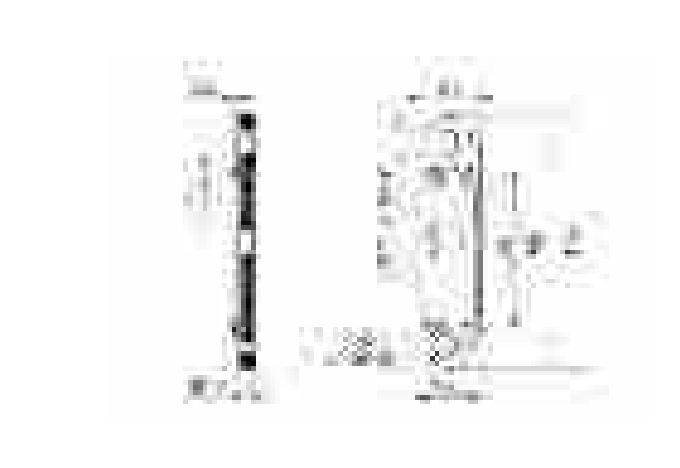
Fermapersiana autobloccante
Door shutter-latch self-looking
защёлка для дверей



cod.	pz/pcs	finitura
508.N	25	verniciato nero
508.T	25	tropicalizzato

art. 509

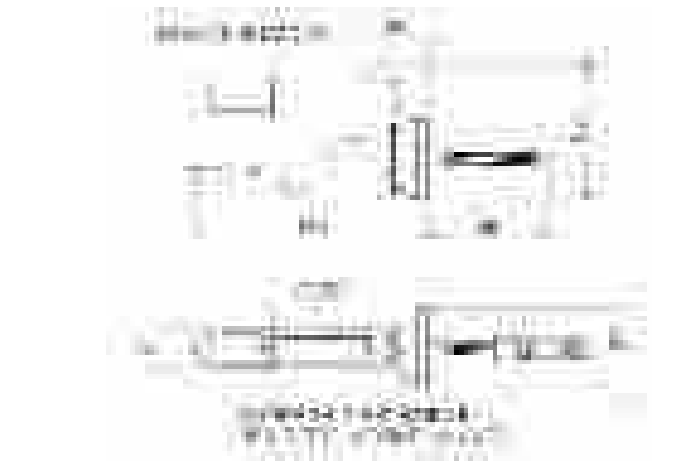
Distanziale per fermapersiana Art.508
Door shutter-latch spacer Art.508
plattina для защёлки 508



cod.	pz/pcs
509.N	25

art. 510

Fermapersiana automatica in plastica
Automatic nylon window shutter-latch
защёлка для ставень,
автоматическая



cod.	pz/pcs	anta
510	50	40, 45, 50, 55

art. **511**

Fermapersiana a cannocchiale
doppia registrazione
*Adjustable window shutter - latch
with adjustable stop*
защёлка для ставень, регулируемая,
с регулируемым упором



cod.	pz/pcs	D	L	R	anta	finitura
511.N	40	16 - 54	97 - 132	75 - 110	singola	verniciato nero
511.T	40	16 - 54	97 - 132	75 - 110	singola	tropicalizzato
511.DAN	25	16 - 80	142 - 188	120 - 166	doppia	verniciato nero
511.DAT	25	16 - 80	142 - 188	120 - 166	doppia	tropicalizzato

art. **512**

Fermapersiana automatica nylon
Nylon window shutter - latch automatic
защёлка для ставень,
автоматическая, пластиковая



cod.	pz/pcs	L	R	anta
512.N	12	132	0 - 60	singola
512.DAN	8	200	40 - 120	doppia

art. **513**

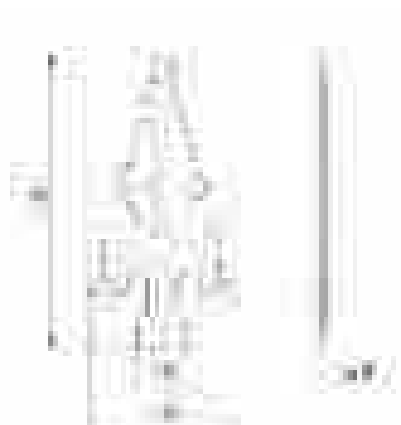
Fermapersiana automatica nylon
con vite lunga
*Nylon window shutter - latch automatic,
with screw*
защёлка для ставень, автоматическая,
пластиковая, с креплением



cod.	pz/pcs	L	R	anta
513.N	12	132	0 - 60	singola
513.DAN	8	200	40 - 120	doppia

art. **700**

Lancia ornamentale in lamiera stampata
Sheet-steel decorative spear
копьё декоративное, штампованное



cod.	mm.	pz/pcs
700	UNICA	50



cod.	mm.	pz/pcs
701	UNICA	50



art. **701**

Lancia ornamentale in lamiera stampata
Sheet-steel decorative spear
копьё декоративное, штампованное

art. **702**

Lancia ornamentale in lamiera stampata
Sheet-steel decorative spear
копьё декоративное, штампованное



cod.	mm.	pz/pcs
702	UNICA	50

art. 703

Lancia ornamentale in lamiera stampata
Sheet - steel decorative spear
копьё декоративное, штампованное



cod.	mm.	pz/pcs
703	UNICA	50

art. 2010

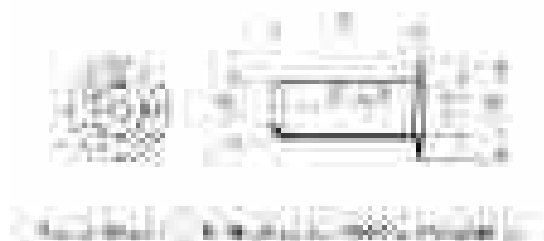
Поззетто в оттоне антиполвере с/молла инх
Brass spring hook
улавливател ригеля, с пружиною



cod.	Ø	pz/pcs	ØA	ØB	C	ØD	E
2010.6	6	100	Ø15	Ø6	30	Ø10	20
2010.8	8	100	Ø18	Ø8	30	Ø12	20
2010.10	10	100	Ø20	Ø10	30	Ø14	20
2010.12	12	100	Ø22	Ø12	30	Ø16	20
2010.14	14	100	Ø25	Ø14	30	Ø18	20
2010.16	16	100	Ø28	Ø16	31	Ø20	20
2010.18	18	50	Ø30	Ø18	31	Ø22	20
2010.20	20	50	Ø32	Ø20	32	Ø24	25
2010.22	22	50	Ø34	Ø22	30	Ø26	25

art. 2020

Pozzetto in ottone senza molla
Brass hook without spring
улавливатель ригеля



cod.	Ø	pz/pcs	ØA	ØB	C	ØD
2020.6	6	100	Ø12	Ø6	20	Ø7,5
2020.8	8	100	Ø16	Ø8	25	Ø9,5
2020.10	10	100	Ø18	Ø10	25	Ø11,5
2020.12	12	100	Ø20	Ø12	25	Ø13,5
2020.14	14	100	Ø20	Ø14	25	Ø15,5
2020.16	16	100	Ø25	Ø16	25	Ø17,5
2020.18	18	50	Ø25	Ø18	25	Ø19,5
2020.20	20	50	Ø30	Ø20	25	Ø22
2020.22	22	50	Ø30	Ø22	25	Ø24

art. 274

Vite fermavetro
Screws for glass profile
болт для профиля



cod.	mm.	pz/pcs	A	ØD	L	M
274.10	10	1000	9,5	Ø6	14,5	Ø4,2
274.12	12	1000	13	Ø8	19,5	Ø4,8

NOTE
Notes



COMPONENTE DA SALDARE_COMPONENTS REQUIRING WELDING

- Realizzare una saldatura di dimensioni adatte a supportare le forze in gioco e con materiale d'apporto idoneo.
- Rinforzare adeguatamente le zone d'attacco all'anta e/o alla struttura / telaio.
- *The weld must be adequately sized to support the applied forces and with suitable electrode material.*
- *Adequately strengthen the areas anchoring the door and/or structure / frame.*



COMPONENTE DA FISSARE_COMPONENTS REQUIRING SCREW MOUNTING

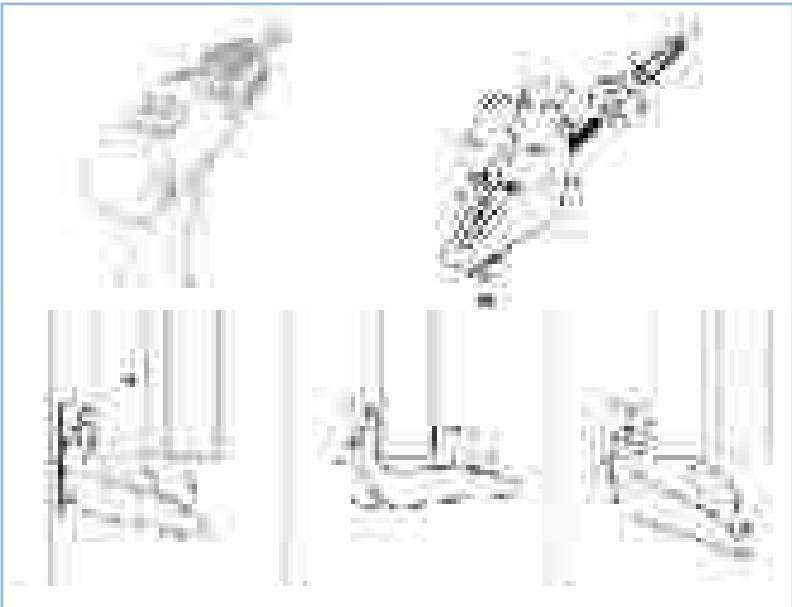
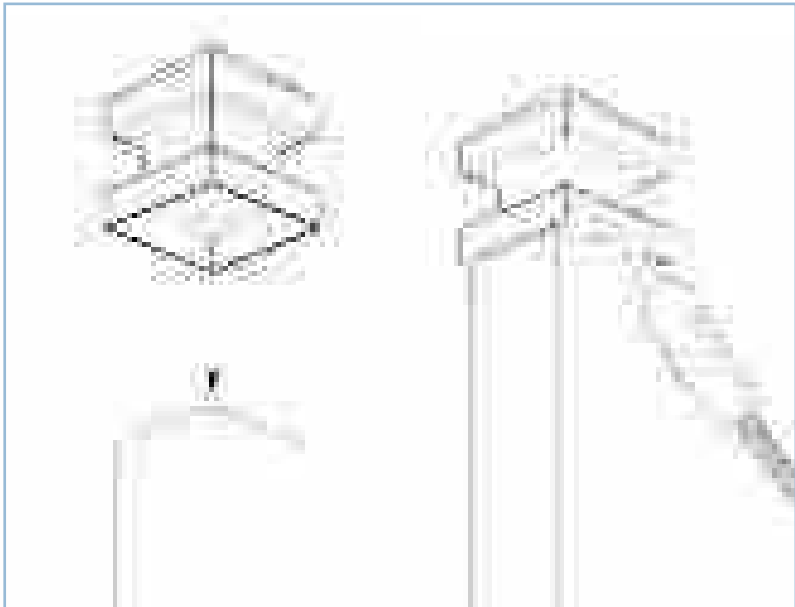
- Fissare con tasselli / bulloni di dimensioni adatte a supportare le forze in gioco.
- Rinforzare adeguatamente le zone d'attacco all'anta e/o alla struttura / telaio.
- *Mount with adequately sized expansion bolts capable of sustaining the applied forces.*
- *Adequately strengthen the areas anchoring the door and/or structure / frame.*



COMPONENTE REGOLABILE_ADJUSTABLE COMPONENT

- Regolazione effettuabile ad accessorio montato.
- *The accessory can be adjustable after installation.*

APPLICATIVI
Applications

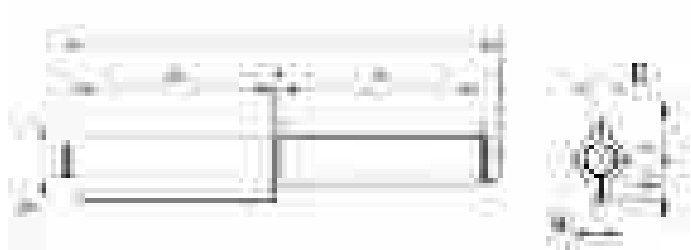




RESISTANCE

art. 101 IX

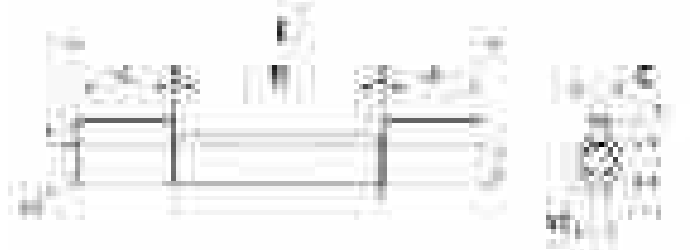
Cerniera inox 2 ali perno e rondella sfilabile
Stainless steel hinge to be welded
with 2 wings and extractable pin
петля разборная 2 части под сварку,
нержавеющая сталь



cod.	mm.	pz/pcs	A	C	sp	ØD	E	L	S
101IX.80	80	48	36	10	2	Ø8	4,5	83	2,2
101IX.100	100	24	46	11,5	2	Ø9	4,5	102	2,2
101IX.120	120	24	56	12	2,3	Ø10	5	124	2,2
101IX.140	140	24	66	13	2,5	Ø11	5,5	144	2

art. 106 IX

Cerniera inox 3 ali perno e rondelle sfilabili
Stainless steel hinge to be welded
with 3 wings and extractable pin
петля разборная 3 части под
сварку нержавеющая сталь



cod.	mm.	pz/pcs	A	B	C	sp	ØD	E	L	S
106IX.80	80	48	17	36	10	2	Ø8	4,5	83	2,2
106IX.100	100	24	22	46	11,5	2	Ø9	4,5	102	2,2
106IX.120	120	24	27	56	12	2,3	Ø10	5	124	2,2
106IX.140	140	24	32	66	13	2,5	Ø11	5,5	144	2

art. 109 IX

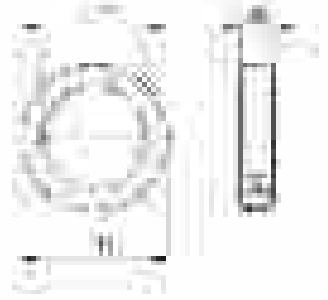
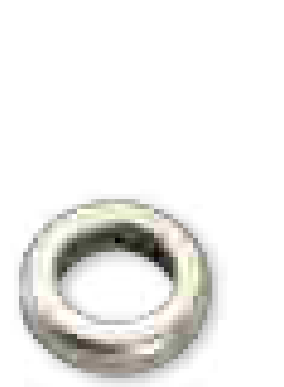
Cerniera a tappo inox 2 ali perno
con rondella fissa
Stainless steel plug hinge to be welded
with 2 wings and fixed pin
петля неразборная 2 части
под сварку нержавеющая сталь



cod.	mm.	pz/pcs	A	C	sp	ØD	E	L	S
109IX.80	80	48	36	10	2	Ø8	4,5	84	2
109IX.100	100	24	46	11,5	2	Ø9	4,5	105	2,3
109IX.120	120	24	56	12	2,3	Ø10	5	126	2,4
109IX.140	140	24	66	13	2,5	Ø11	5,5	149	2,7

art. 114 IX

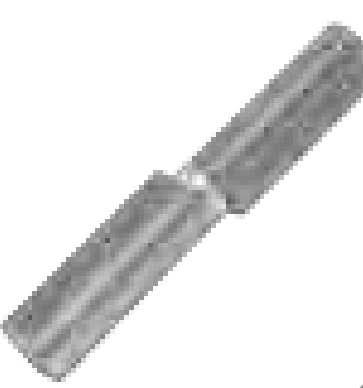
Cuscinetto reggispinta inox
Stainless steel ball bearing
подшипник, нержавеющая сталь



cod.	Ø	pz/pcs	portata	ØF	ØD	sp
114IX.10	10	100	4000 N	Ø10	Ø17,5	6
114IX.12	12	100	5500 N	Ø12	Ø20	6,5
114IX.14	14	100	6500 N	Ø14	Ø22	6,7

art. 261 IX

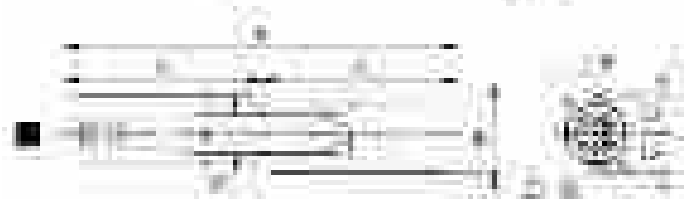
Cerniera a goccia tornita perno ottone
con cuscinetto inox
Stainless steel drop turned hinge
with brass pin with bearing
петля-капля латунный
стержень с подшипником



cod.	mm.	pz/pcs	A	B	C	ØD	ØE	L	S
261IX.16x20x120	Ø16x20x120	24	58	20	12	Ø9	Ø16	121,5	5,6
261IX.20x25x120	Ø20x25x120	18	57	25	15	Ø12	Ø20	120,5	6,5
261IX.20x25x140	Ø20x25x140	18	67	25	15	Ø12	Ø20	140,5	6,5
261IX.20x25x150	Ø20x25x150	18	71	25	15	Ø12	Ø20	148,5	6,5

art. 263 RIX

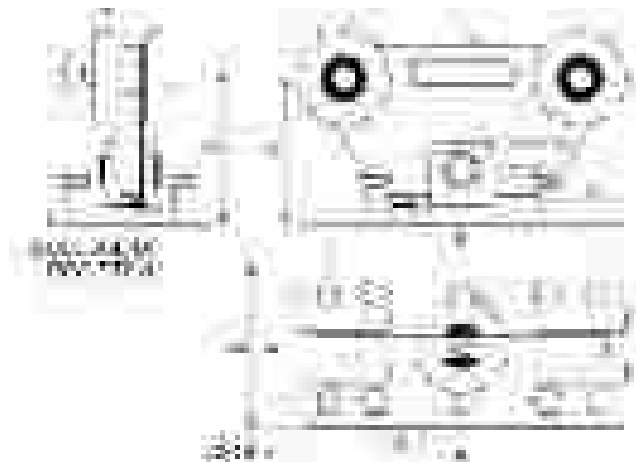
Cerniera a goccia tornita regolabile inox
Stainless steel adjustable steel
drop turned hinge with steel pin
петля-капля с шариком регулируемая



cod.	mm.	pz/pcs	A	B	C	ØD	ØE	R	
263RIX.20x25x150	Ø20x25x150	18	71	25	15	Ø12	Ø20	142-148	●
263RIX.22x25x150	Ø22x25x150	18	71	25	14	Ø14	Ø22	142-148	■

art. 395 IX

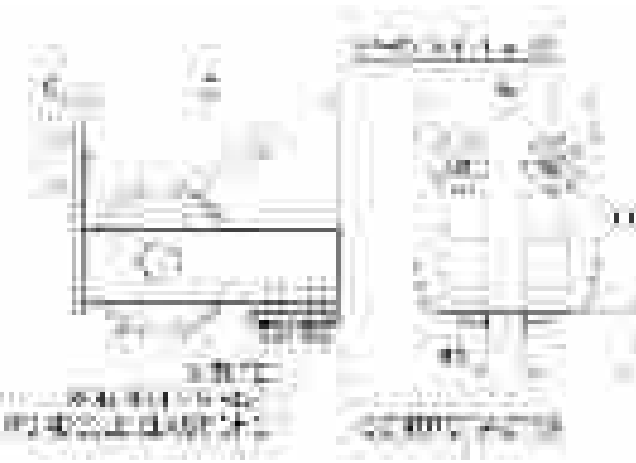
Carrello di guida 5 ruote inox
Stainless steel 5 wheels cantilever gate carriage
тележка с роликами



cod.	mm.	pz/ pcs	A	B	C	ØD	E	F	G	H	S	asole	viti	bullone
365IX.P	PICCOLO	1	180	150	135	Ø59	125	100	100	100	15	n.4 18x25	-	M8
395IX.M	MEDIO	1	300	150	220	Ø86	250	100	140	135	20	n.6 18x25	M16x35	M12
395IX.G	GRANDE	1	500	200	380	Ø126	440	150	202	197	30	n.6 22x30	M16x35	M12

art. 396 IX

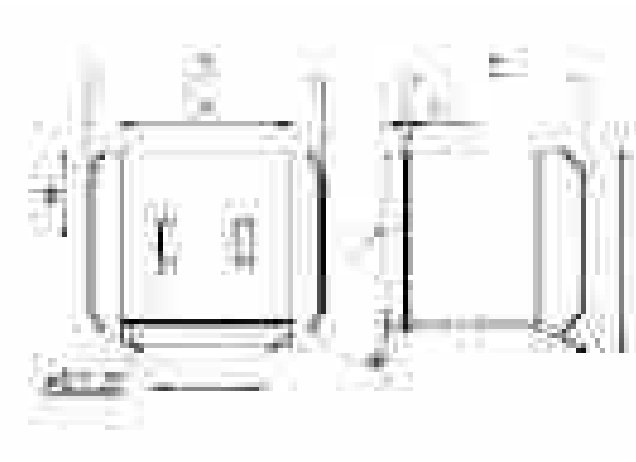
Ruota d'estremità inox
Stainless steel end guide wheel
концевой ролик



cod.	mm.	pz/pcs	A	B	C	ØD	E	H	sp	viti	contropiastra	paracolpi
396IX.P	PICCOLA	2	67	67	4	Ø67	120	14,5	15	M8	50x46 sp.5	1
396IX.M	MEDIA	2	98	98	4	Ø77	135	12	20	M8	50x46 sp.5	2
396IX.G	GRANDE	2	140	140	5	Ø97	165	13,5	30	M10	90x60 sp.6	2

art. 397 IX

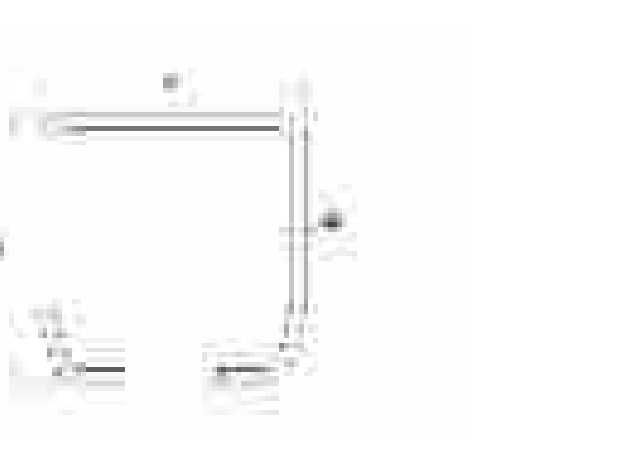
Battente laterale inox
Stainless steel end stop
улавливатель концевого ролика



cod.	mm.	pz/pcs	A	B	C	D	E	sp	I	H	asole
397IX.P	PICCOLO	2	81	115	81	98	104	3	38	40,5	11x30
397IX.M	MEDIO	2	113	154	112	133	119	4	50	60	11x30
397IX.G	GRANDE	2	154	203	155	180	140	5	75	82,5	13x35

art. 399 IX

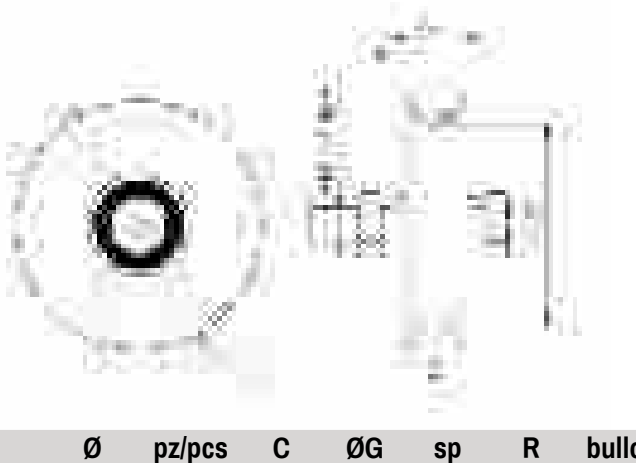
Binario per carrelli di guida inox
Stainless steel cantilever gate track
рельс направляющий



cod.	cod.	mm.	pz/pcs	lunghezza		A	B	sp
399IX.P6	399IX.P3	PICCOLO	1	3 m	6 m	67	67	3
399IX.M6	399IX.M3	MEDIO	1	3 m	6 m	98	98	5
399IX.G6	399IX.G3	GRANDE	1	3 m	6 m	140	140	6

art. 400 IX

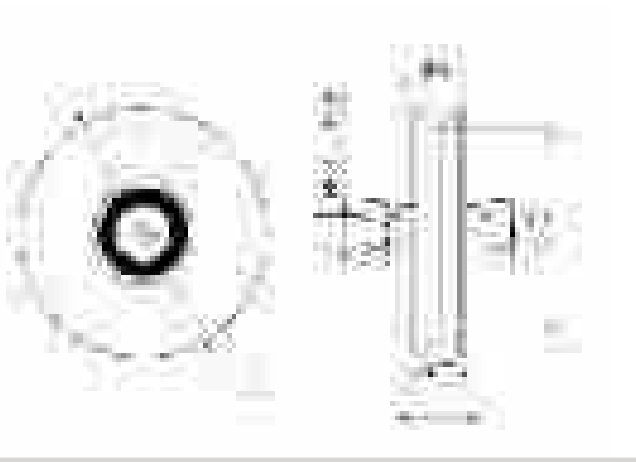
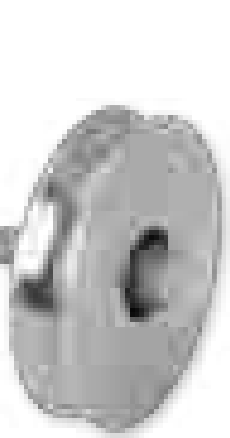
Ruota inox 1 cuscinetto gola tonda
Stainless steel wheel round groove 1 bearing
колесо круглый вырез 1 подшипник,
нержавеющая сталь



cod.	Ø	pz/pcs	C	ØG	sp	R	bullone	cusc	binario	portata
400IX.60	60	6	24	Ø48	17	5,3	M10x45	1	-	100 kg.
400IX.80	80	6	33	Ø64	20	8,3	M14x70	1	art. 902IX Ø16	200 kg.
400IX.80/20	80/20	6	33	Ø59	24	10,3	M14x70	1	art. 902IX Ø20	200 kg.
400IX.90/20	90/20	6	33	Ø69	24	10,3	M14x70	1	art. 902IX Ø20	210 kg.
400IX.100/20	100/20	6	33	Ø79	24	10,3	M14x70	1	art. 902IX Ø20	230 kg.
400IX.120	120	4	33	Ø99	24	10,3	M14x70	1	art. 902IX Ø20	250 kg.
400IX.140	140	4	43	Ø117	25	10,3	M16x70	1	art. 902IX Ø20	280 kg.
400IX.160	160	2	43	Ø137	25	10,3	M16x70	1	art. 902IX Ø20	300 kg.
400IX.200	200	2	43	Ø177	25	10,3	M16x70	1	art. 902IX Ø20	340 kg.

art. 402 IX

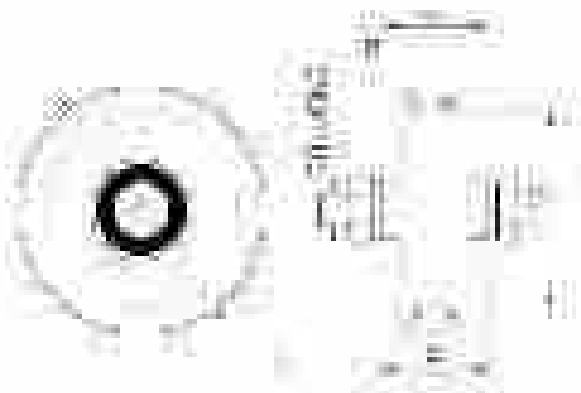
Ruota inox 1 cuscinetto gola V
Stainless steel wheel V groove 1 bearing
колесо v вырез 1 подшипник,
нержавеющая сталь



cod.	Ø	pz/pcs	C	ØG	sp	bullone	cusc	portata
402IX.60	60	12	24	Ø46	17	M10x45	1	100 kg.
402IX.80	80	6	33	Ø62	20	M14x70	1	200 kg.
402IX.90	90	6	33	Ø72	21	M14x70	1	210 kg.
402IX.100	100	6	33	Ø82	21	M14x70	1	230 kg.
402IX.120	120	4	33	Ø100	24	M14x70	1	250 kg.
402IX.140	140	4	43	Ø118	25	M16x70	1	280 kg.
402IX.160	160	2	43	Ø138	25	M16x70	1	300 kg.
402IX.200	200	2	43	Ø178	25	M16x70	1	340 kg.

art. 405 IX

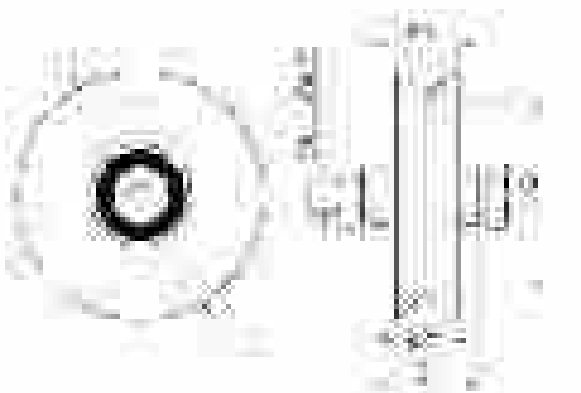
Ruota inox 2 cuscinetti gola tonda
Stainless steel wheel round groove 2 bearings
колесо круглый вырез 2 подшипника,
нержавеющая сталь



cod.	Ø	pz/pcs	C	ØG	sp	R	bullone	cusc	binario	portata
405IX.100	100	6	43	Ø77	28	10,3	M14x70	2	art. 902IX Ø20	410 kg.
405IX.120	120	6	43	Ø97	28	10,3	M14x70	2	art. 902IX Ø20	430 kg.
405IX.140	140	4	43	Ø117	32	10,3	M16x70	2	art. 902IX Ø20	550 kg.
405IX.160	160	2	43	Ø137	32	10,3	M16x70	2	art. 902IX Ø20	570 kg.
405IX.200	200	2	43	Ø177	32	10,3	M16x70	2	art. 902IX Ø20	600 kg.

art. 407 IX

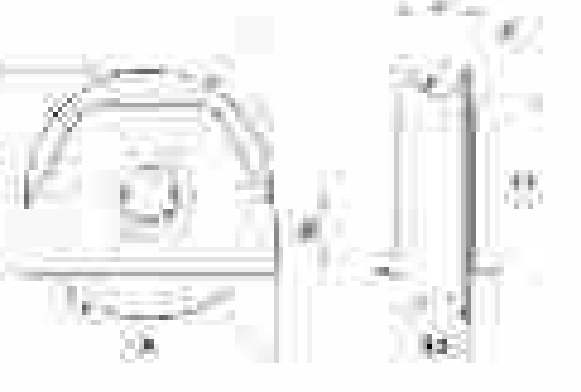
Ruota inox 2 cuscinetti gola V
Stainless steel wheel V groove 2 bearings
колесо v вырез 2 подшипника,
нержавеющая сталь



cod.	Ø	pz/pcs	C	ØG	sp	bullone	cusc	portata
407IX.100	100	6	43	Ø77	28	M14x70	2	410 kg.
407IX.120	120	6	43	Ø97	28	M14x70	2	430 kg.
407IX.140	140	4	43	Ø117	32	M16x70	2	550 kg.
407IX.160	160	2	43	Ø137	32	M16x70	2	570 kg.
407IX.200	200	2	43	Ø177	32	M16x70	2	600 kg.

art. 415 IX

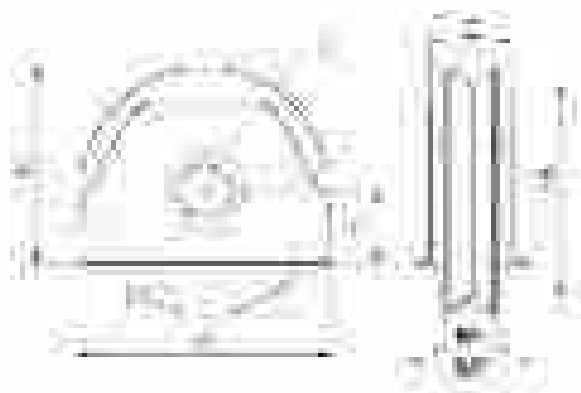
Ruota inox 1 cuscinetto gola tonda supporto laterale
Stainless steel wheel round groove
1 bearing with side support
колесо с боковой опорой круглый вырез
1 подшипник, нержавеющая сталь



cod.	Ø	pz/pcs	A	B	C	D	ØG	sp	R	cusc	binario	portata
415IX.80/20	80/20	6	80	19	33	59	Ø59	24	10,3	1	art. 902IX Ø20	200 kg.
415IX.90/20	90/20	6	100	22	33	67	Ø69	24	10,3	1	art. 902IX Ø20	210 kg.
415IX.100/20	100/20	6	100	28,5	33	78,5	Ø79	24	10,3	1	art. 902IX Ø20	230 kg.

art. 417 IX

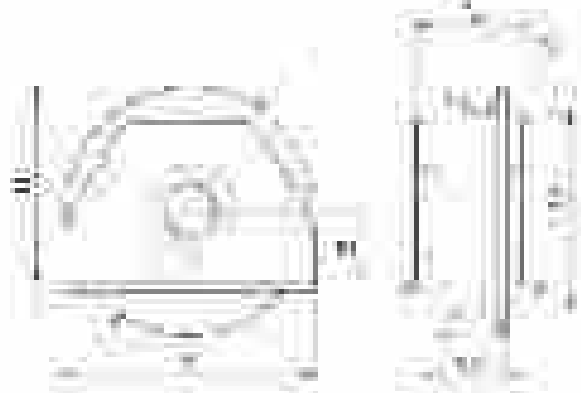
Ruota inox 1 cuscinetto gola V supporto laterale
Stainless steel wheel V groove
1 bearing with side support
колесо с боковой опорой v вырез
1 подшипник, нержавеющая сталь



cod.	Ø	pz/pcs	A	B	C	D	ØG	sp	cusc	portata
417IX.80	80	6	80	19	33	59	Ø62	20	1	200 kg.
417IX.90	90	6	100	22	31	67	Ø72	21	1	210 kg.
417IX.100	100	6	100	28,5	31	78,5	Ø82	21	1	230 kg.

art. 420 IX

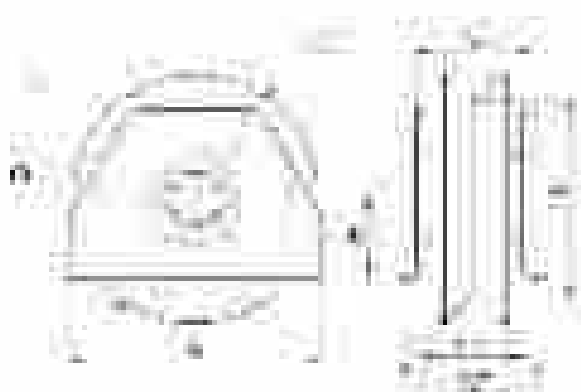
Ruota inox 2 cuscinetti gola tonda supporto laterale
Stainless steel wheel round groove
2 bearings with side support
колесо с боковой опорой круглый вырез
2 подшипника, нержавеющая сталь



cod.	Ø	pz/pcs	A	B	C	D	ØG	sp	R	cusc	binario	portata
420IX.100	100	4	100	28,5	43	78,5	Ø77	28	10,3	2	art. 902IX Ø20	410 kg.
420IX.120	120	4	120	38	44	98	Ø97	28	10,3	2	art. 902IX Ø20	430 kg.

art. 422 IX

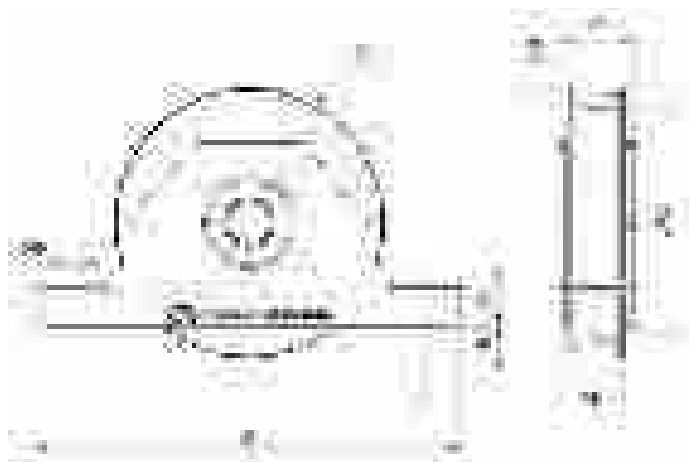
Ruota inox 2 cuscinetti gola V supporto laterale
Stainless steel wheel V groove
2 bearings with side support
колесо с боковой опорой v вырез
2 подшипника, нержавеющая сталь



cod.	Ø	pz/pcs	A	B	C	D	ØG	sp	cusc	portata
422IX.100	100	4	100	28,5	43	78,5	Ø77	28	2	410 kg.
422IX.120	120	4	120	38	44	98	Ø97	28	2	430 kg.

art. 425 IX

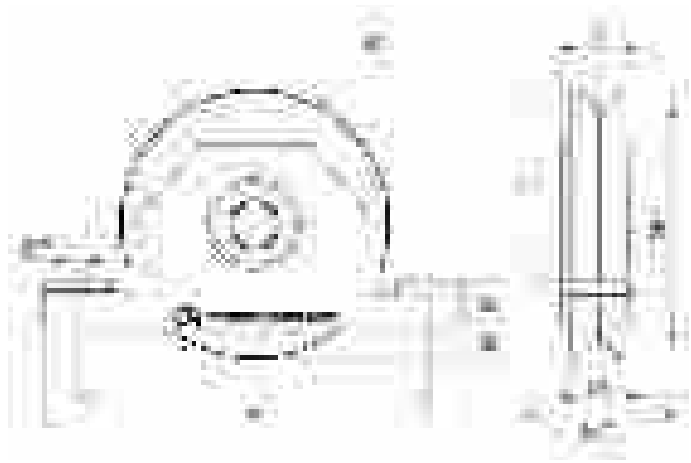
Ruota inox 1 cuscinetto gola tonda supporto interno
Stainless steel wheel round groove
1 bearing with inside support
колесо с внутренней опорой круглый
вырез 1 подшипник, нержавеющая сталь



cod.	Ø	pz/pcs	A	B	C	D	ØF	I	H	ØG	sp	R	cusc	binario	portata
425IX.80	80	4	135	12	33	17	Ø9	110	49	Ø64	20	8,3	1	art. 902IX Ø16	200 kg.
425IX.80/20	80/20	4	135	12	33	17	Ø9	110	49	Ø59	24	10,3	1	art. 902IX Ø20	200 kg.
425IX.90/20	90/20	6	155	9	33	18	Ø9	130	61	Ø69	24	10,3	1	art. 902IX Ø20	210 kg.
425IX.100/20	100/20	6	155	14	33	18	Ø9	130	66	Ø79	24	10,3	1	art. 902IX Ø20	230 kg.
425IX.120	120	6	185	14	32	20	Ø9	155	84	Ø99	24	10,3	1	art. 902IX Ø20	250 kg.

art. 427 IX

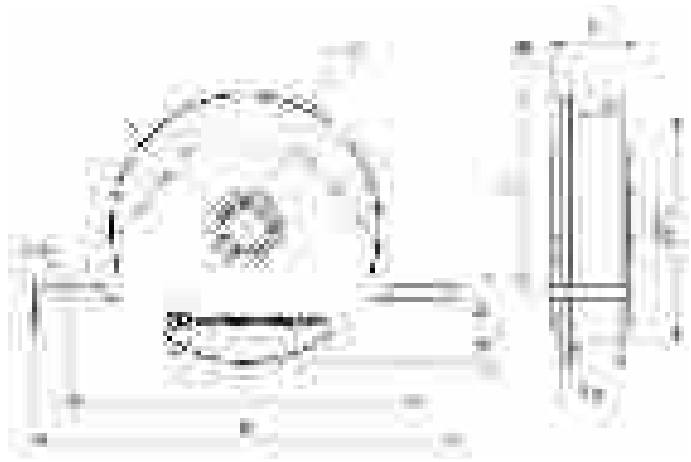
Ruota inox 1 cuscinetto gola V supporto interno
Stainless steel wheel V groove
1 bearing with inside support
колесо с внутренней опорой v вырез
1 подшипник, нержавеющая сталь



cod.	Ø	pz/pcs	A	B	C	D	ØF	I	H	ØG	sp	cusc	portata
427IX.80	80	4	135	12	33	17	Ø9	110	49	Ø62	20	1	200 kg.
427IX.90	90	6	155	9	33	18	Ø9	130	61	Ø72	21	1	210 kg.
427IX.100	100	6	155	14	33	18	Ø9	130	66	Ø82	21	1	230 kg.
427IX.120	120	6	185	14	32	20	Ø9	155	84	Ø100	24	1	250 kg.

art. 430 IX

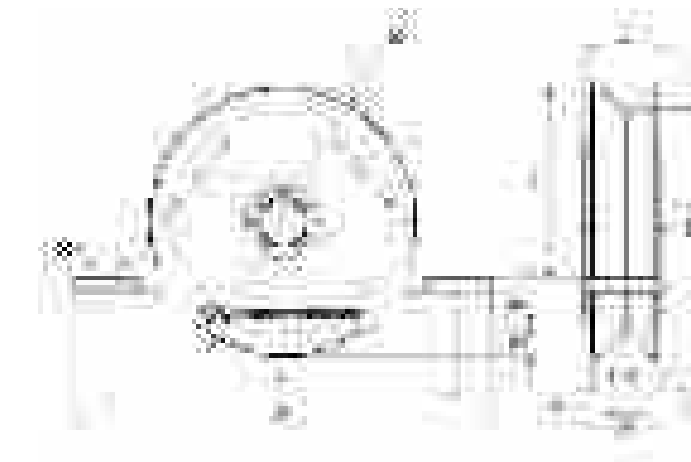
Ruota inox 2 cuscinetti gola tonda supporto interno
Stainless steel wheel round groove
2 bearings with inside support
колесо с внутренней опорой круглый
вырез 2 подшипника, нержавеющая сталь



cod.	Ø	pz/pcs	A	B	C	D	ØF	I	H	ØG	sp	R	cusc	binario	portata
430IX.90	90	6	155	9	33	18	Ø9	130	61	Ø71	24	10,3	2	art. 902IX Ø20	390 kg.
430IX.100	100	6	155	14	33	18	Ø9	130	66	Ø77	24	10,3	2	art. 902IX Ø20	410 kg.
430IX.120	120	4	185	14	37	20	Ø9	155	84	Ø97	28	10,3	2	art. 902IX Ø20	430 kg.

art. 432 IX

Ruota inox 2 cuscinetti gola V supporto interno
Stainless steel wheel V groove
2 bearings with inside support
колесо с внутренней опорой v вырез
2 подшипника, нержавеющая сталь



cod.	Ø	pz/pcs	A	B	C	D	ØF	I	ØG	H	sp	cusc	portata
432IX.90	90	6	155	9	33	18	Ø9	130	Ø70	61	24	2	390 kg.
432IX.100	100	6	155	14	33	18	Ø9	130	Ø77	66	24	2	410 kg.
432IX.120	120	4	185	14	37	20	Ø9	155	Ø97	84	28	2	430 kg.

art. 902 IX

Binario Tondo a fissare inox
Stainless steel round surface track
направляющая круглая под болт,
нержавеющая сталь



cod.	Ø	pz/pcs	Ø	L	asole
902IX.20x3	20 - 3 m.	50	Ø20	3000	nr. 9+9
902IX.20x6	20 - 6 m.	50	Ø20	6000	nr. 17+17

art. 901 IX

Giunzione inox a fissare
Stainless steel joint pin for embedded
round track and surface track
штифт соединительный для круглой
направляющей, нержавеющая сталь



cod.	Ø	pz/pcs	binario
901IX.13	13	30	Ø20

art. 450 IX

Oliva nylon con perno inox
Nylon roller with stainless steel pin
ролик пластиковый, с основанием из
нержавеющей стали, нержавеющая сталь



cod.	Ø	pz/pcs	A	L	M	CH
450IX.30x40	30x40	8	40	76	M14	Es.6
450IX.40x45	40x45	10	45	83	M16	Es.8

art. 462 IX

Piastra guida regolabile inox 4 olive nylon
Stainless steel upper guide bracket 4 guide rollers
направляющая верхняя регулируемая
4 ролика, нержавеющая сталь



cod.	mm.	pz/pcs	olive	M	A	B	C
462IX.P	PICCOLA	6	Ø30x40	M14	43-86	93-156	149-197
462IX.M	MEDIA	6	Ø40x45	M16	47-90	89-152	149-197

art. 800 IX

Cremagliera quadra 22x22 M.4 inox
Stainless steel square sliding gate rack
рейка зубчатая м.4 22x22 мм,
нержавеющая сталь



cod.	m.	pz/pcs	L	modulo	nr. denti	passo	ang. press.
800IX.22x1	1	5	1005	M.4	80	12,566	20°
800IX.22x2	2	5	2010	M.4	160	12,566	20°

art. 805 IX

Cremagliera inox rettangolare 30x12 M.4
Stainless steel rectangular sliding gate rack
рейка зубчатая м.4 30x12 мм,
нержавеющая сталь



cod.	m.	pz/pcs	L	nr. asole	modulo	nr. denti	passo	ang. press.
805IX.30x12x1	1	10	1005	3	M.4	80	12,566	20°
805IX.30x12x2	2	5	2010	5	M.4	160	12,566	20°

art. 810 IX

Attacco inox per cremagliera a saldare
Stainless steel rack fixing screw to be welded
болт для рейки зубчатой,
нержавеющая сталь



cod.	mm	pz/pcs
810IX	UNICA	30

art. 753 IX

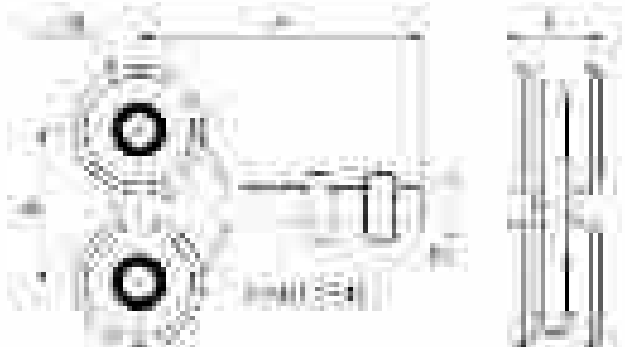
Carrello scorrevole 2 ruote
con cuscinetti schermati inox
Stainless steel sliding trolley with
2 screened wheels/bearings
подвесная тележка с 2 роликами



cod.	mm.	pz/pcs	A	C	ØD	M	portata
753IX.M	MEDIO	12	86	22	Ø42	M12	150 kg.

art. 754 IX

Carrello scorrevole 4 ruote
con cuscinetti schermati inox
*Stainless steel sliding trolley
with 4 screened wheels/bearings*
подвесная тележка с 4 роликами



cod.	mm.	pz/pcs	A	C	ØD	E	M	portata
754IX.M	MEDIO	6	93	22	Ø42	50	M12	400 kg.

art. 920 IX

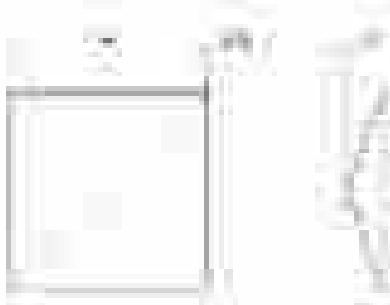
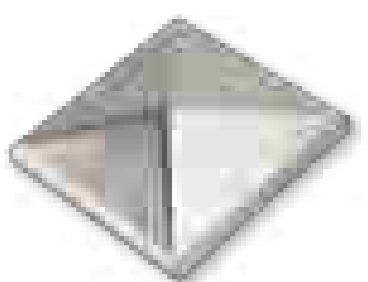
Monorotaia superiore per carrelli scorrevoli inox
Stainless steel sliding trolley track
направляющий рельс



cod.	mm.	pz/pcs	L	A	C	H	sp
920IX.M	MEDIA	1	6000	43	22	53	2,5

art. 340 IX

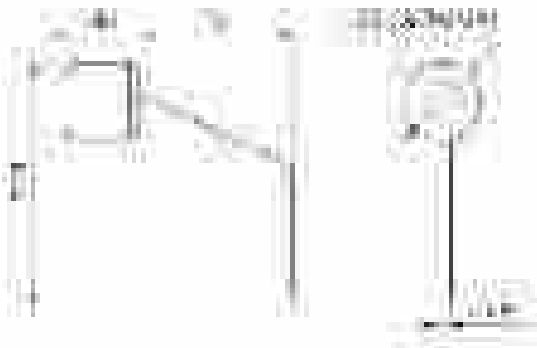
Copripilastro quadro inox
Stainless steel square post cap
колпак на столб квадратный,
нержавеющая сталь



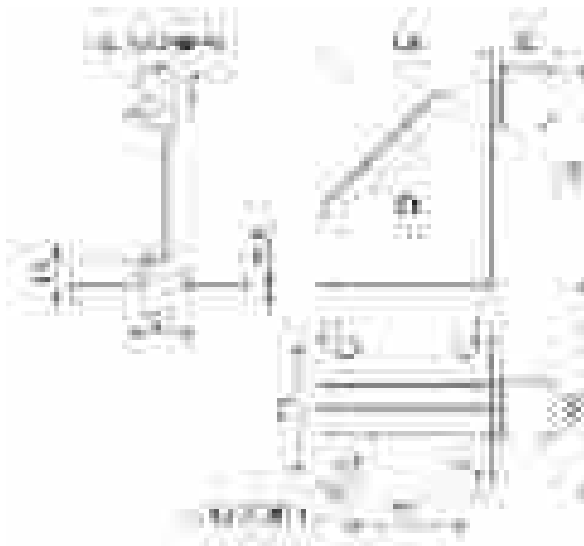
cod.	mm.	pz/pcs	A	H	sp
340IX.30	30	50	31x31	13	1,5
340IX.40	40	50	41x41	15	1,5
340IX.50	50	50	51x51	17	1,5
340IX.60	60	80	61x61	20	1,5
340IX.80	80	50	81x81	22	1,5
340IX.100	100	40	101x101	26	1,5
340IX.120	120	50	121x121	29	1,5
340IX.150	150	30	151x151	35	1,5

art. 381 IX

Arresto fine-corsa a saldare inox
Stainless steel sliding gate stop to be welded
буфер для откатных ворот под сварку,
нержавеющая сталь



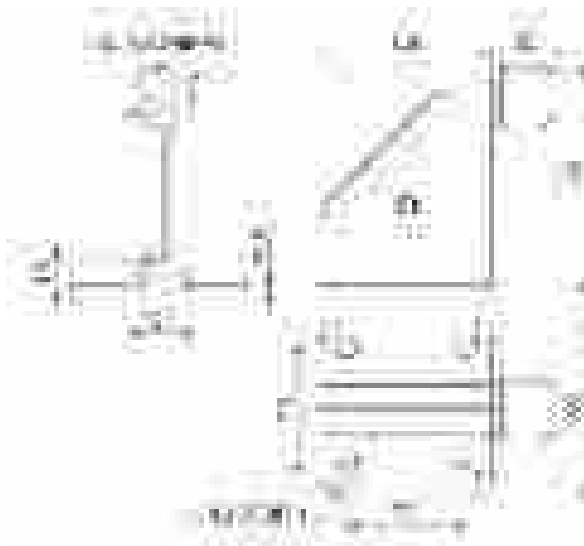
cod.	mm.	pz/pcs
381IX.G	GRANDE	10



cod.	mm.	pz/pcs
381IX.G	GRANDE	10

art. 383 IX

Arresto fine-corsa con
piastra copribinario a fissare inox
*Stainless steel sliding gate stop - track
mounted - screw fix*
буфер для откатных ворот
на направляющую под болты,
нержавеющая сталь



art. 300 IX

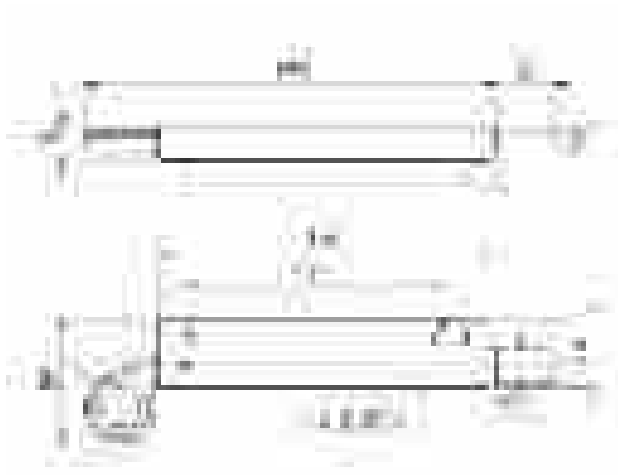
Paletto a molla reversibile inox
Stainless steel automatic spring bolt gate closer
шпингалет, автоматический,
нержавеющая сталь



cod.	mm.	pz/pcs	C
300IX	UNICA	5	0 - 30

art. 301 IX

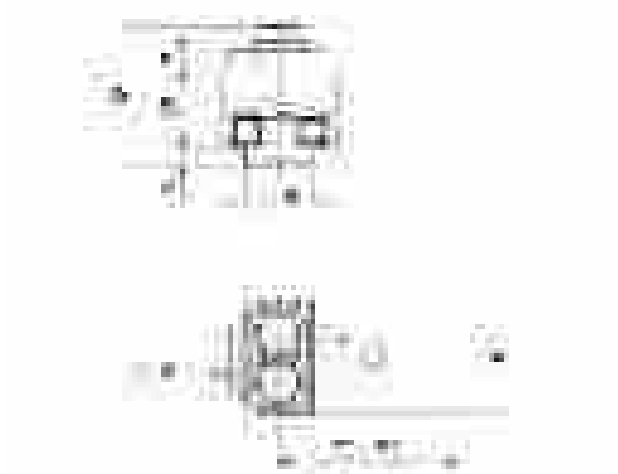
Paletto a molla inox con leva ottone
Automatic spring bolt gate closer w/brass lever
шпингалет автоматический г



cod.	mm.	pz/pcs	C
301IX	UNICA	6	0 - 25

art. 345 IX.M

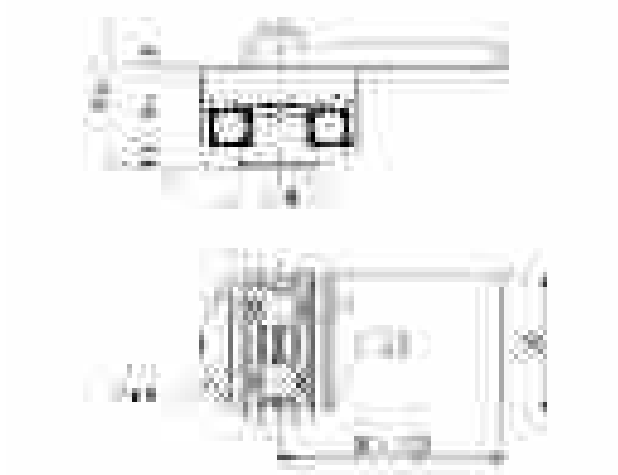
Cardine con cuscinetto regolabile medio inox
Stainless steel medium adjustable hinge with bearing
петля регулируемая с подшипником, средняя, нержавеющая сталь.



cod.	mm.	pz/pcs	viti TE
345IX.M	MEDIO	4	M10

art. 345 IX.G

Cardine con cuscinetto regolabile grande inox
Stainless steel large adjustable hinge with bearing
петля регулируемая с подшипником, большая, нержавеющая сталь.



cod.	mm.	pz/pcs	viti TE
345IX.G	GRANDE	4	M10

art. 346 IX.M

Piastra girevole inox c/cuscinetto c/ingrassatore
Stainless steel medium bottom plate with thrust bearing with grease cup
петля опорная, с опорным подшипником и пресс-маслёнкой, средняя, нержавеющая сталь



cod.	mm.	pz/pcs
346IX.M	MEDIA	4

art. 346 IX.G

Piastra girevole inox c/cuscinetto c/ingrassatore
Stainless steel large bottom plate with thrust bearing with grease cup
петля опорная, с опорным подшипником и пресс-маслёнкой, большая, нержавеющая сталь



cod.	mm.	pz/pcs
346IX.G	GRANDE	4

art. 376 IX

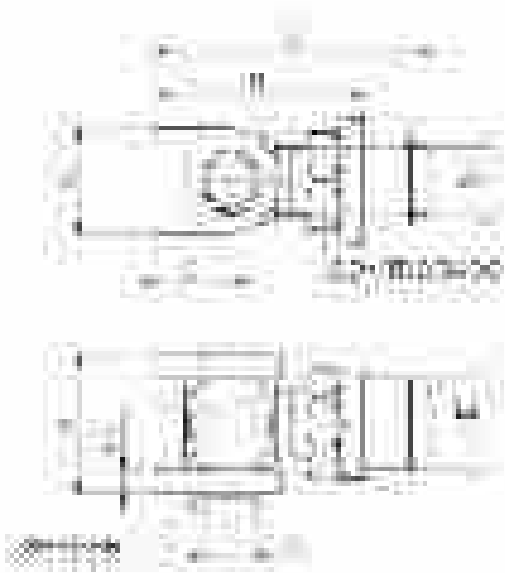
Cardine a cavallo con boccola e controdado inox
Stainless steel u-bolt hinge with bush to be welded
петля u-образная, под сварку, нержавеющая сталь



cod.	mm.	pz/pcs	A	B	C	ØD	ØE	L	M	R	sp
376IX.20	M20	10	30	39	22	Ø14	Ø25	94	M20	56-81	6
376IX.24	M24	6	35	44	27	Ø17	Ø30	100	M24	66-84	6

art. 876 IX

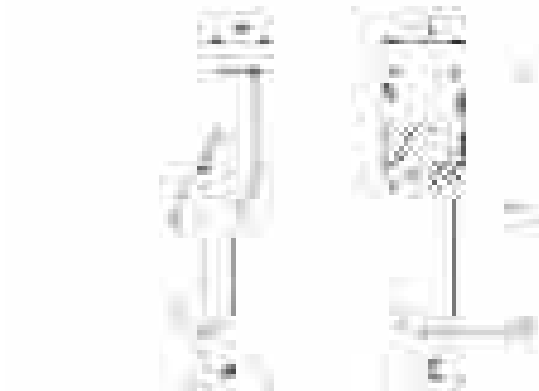
Cardine con alette con
boccola e controdado inox
*Stainless steel wings hinge
with bush to be welded*
петля, регулируемая, с гайкой под
сварку, нержавеющая сталь



cod.	mm.	pz/pcs	A	B	C	ØD	ØE	L	sp	M	R
876IX.18	M18	12	27	35	21	Ø12	Ø23	78	5	M18	54-67
876IX.22	M22	6	35	46	25	Ø17	Ø27	92	8	M22	61-76

art. 348 IX

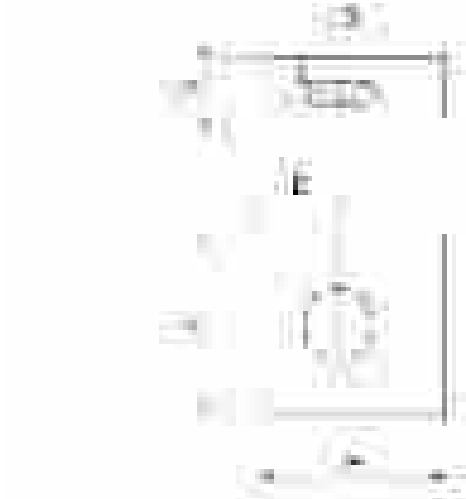
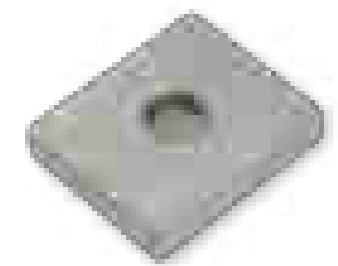
Perno sferico inferiore inox
Stainless steel round bottom pin
палец опорный с шариком,
нержавеющая сталь



cod.	Ø	pz/pcs	A	B	C	ØD	H
348IX.20	20	10	18	10	30	Ø20	89
348IX.24	24	6	22	12	32	Ø23	98

art. 349 IX

Piastra inox per perno art.348IX
*Stainless steel bottom plate
for round bottom pin*
пластина опорная,
нержавеющая сталь



cod.	Ø	pz/pcs	A	B	C	ØD	E
349IX.20	20	10	50	50	15	Ø20	20
349IX.24	24	6	60	60	20	Ø23	25

art. 880 IX

Cardine con alette con piastra
regolabile per apertura 180° inox
*Stainless steel hinge with fixing plate to allow
180° opening with 2 way adjustment*
петля, регулируемая, с пластиной,
открытие 180*, нержавеющая сталь



cod.	mm.	pz/pcs	A	B	C	ØD	L	sp	M	P	R	piastra
880IX.12	M12	10	45	34,5	24	Ø12	100	6	M12	23-36	43-87	75x45x6
880IX.16	M16	10	45	41	27	Ø14	118	6	M16	27-43	48-102	88x50x8

art. 859 AIX

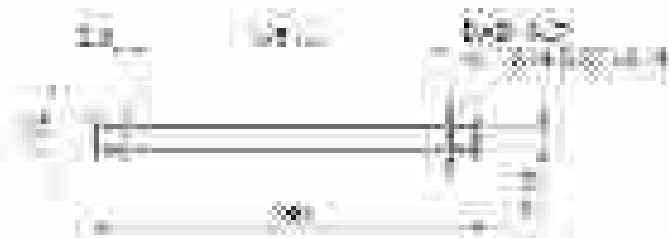
Cavo anti-caduta fune Ø6 inox
*Stainless steel security cable for
swing gates anti downfall*
трос безопасности



cod.	mm.	pz/pcs	L	portata
859AIX.400	400	5	400	 1800 Kg.
859AIX.500	500	5	500	
859AIX.530	530	5	530	
859AIX.600	600	5	600	
859AIX.700	700	5	700	

art. 859 MIX

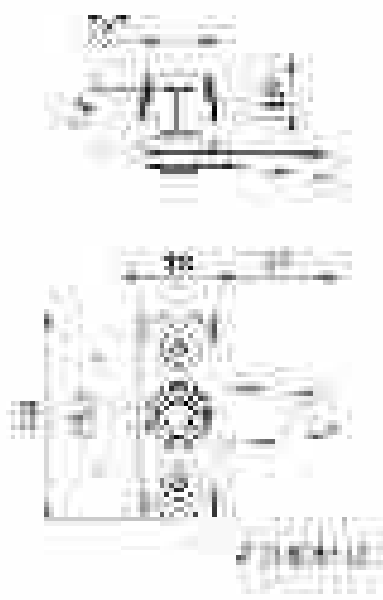
Accessorio di montaggio inox per art.859AIX
Stainless steel assembly hardware for art.859AIX
приспособление для сборки



cod.	mm.	pz/pcs
859MIX	180	5

art. **230 IX**

Tavellino inox per sportelli
Stainless steel latch for flap doors
завдвижка поворотная



cod.	mm.	pz/pcs
230IX	UNICA	50

LEGENDA SIMBOLI
Symbol description



COMPONENTE DA SALDARE_COMPONENTS REQUIRING WELDING
• Realizzare una saldatura di dimensioni adatte a supportare le forze in gioco e con materiale d'apporto idoneo.
• Rinforzare adeguatamente le zone d'attacco all'anta e/o alla struttura / telaio.
• *The weld must be adequately sized to support the applied forces and with suitable electrode material.*
• *Adequately strengthen the areas anchoring the door and/or structure / frame.*



COMPONENTE DA FISSARE_COMPONENTS REQUIRING SCREW MOUNTING
• Fissare con tasselli / bulloni di dimensioni adatte a supportare le forze in gioco.
• Rinforzare adeguatamente le zone d'attacco all'anta e/o alla struttura / telaio.
• *Mount with adequately sized expansion bolts capable of sustaining the applied forces.*
• *Adequately strengthen the areas anchoring the door and/or structure / frame.*



COMPONENTE REGOLABILE_ADJUSTABLE COMPONENT
• Regolazione effettuabile ad accessorio montato.
• *The accessory can be adjusted after installation.*



CUSCINETTO REGGISPINTA_THRUST BEARING
• Carico assiale max. e manutenzione, vedi pag 183
• Lubrificare prima dell'installazione. Usare grasso che supporti le condizioni ambientali, evitare grassi che tendono ad essiccarsi rapidamente.
• *For max axial load and maintenance, see page 183*
• *Lubricate before installation. Use grease suited to the ambient conditions, avoid grease that tends to dry rapidly.*



CUSCINETTO A SFERE BALL BEARING
• Cuscinetto radiale ad una corona di sfere con guarnizioni striscianti (2RS).• Senza manutenzione.
• *Single row radial bearing with contact seals (2RS).• Maintenance-free.*



CUSCINETTO A RULLI_ROLLER BEARINGS
• Cuscinetto radiale-assiale ad una corona di rulli conici, scomponibile
• Lubrificare prima dell'installazione. Usare grasso che supporti le condizioni ambientali, evitare grassi che tendono ad essiccarsi rapidamente.
• *Single row tapered radial-axial roller bearings, separable design.*
• *Lubricate before installation. Use grease suited to the ambient conditions, avoid grease that tends to dry rapidly.*



INGRASSATORE_INGRASSATORE
• Presenza di ingrassatore M6 sull'accessorio. • Lubrificazione effettuabile ad accessorio montato.
• *Presenza di ingrassatore M6 sull'accessorio. • Lubrificazione effettuabile ad accessorio montato.*



RONDELLA OTTONE_BRASS WASHER
• Lubrificare prima dell'installazione. Usare grasso che supporti le condizioni ambientali, evitare grassi che tendono ad essiccarsi rapidamente.
• *Lubricate before installation. Use grease suited to the ambient conditions, avoid grease that tends to dry rapidly.*

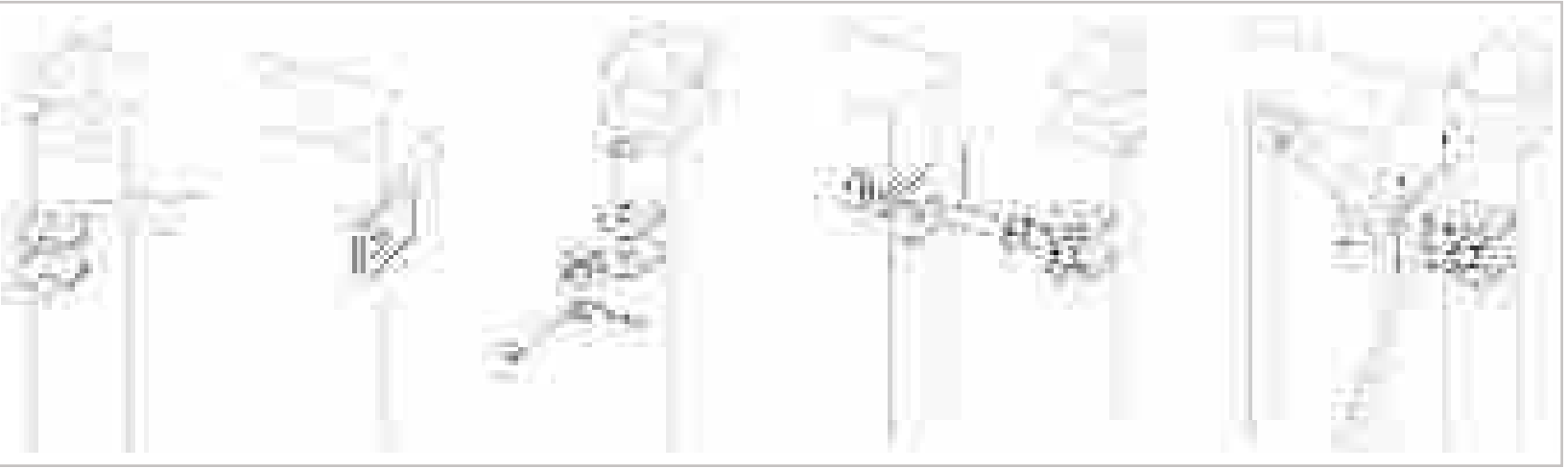
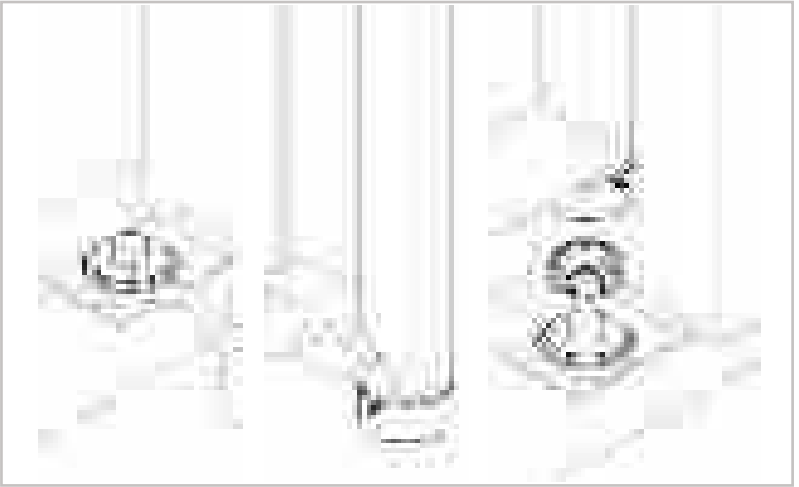
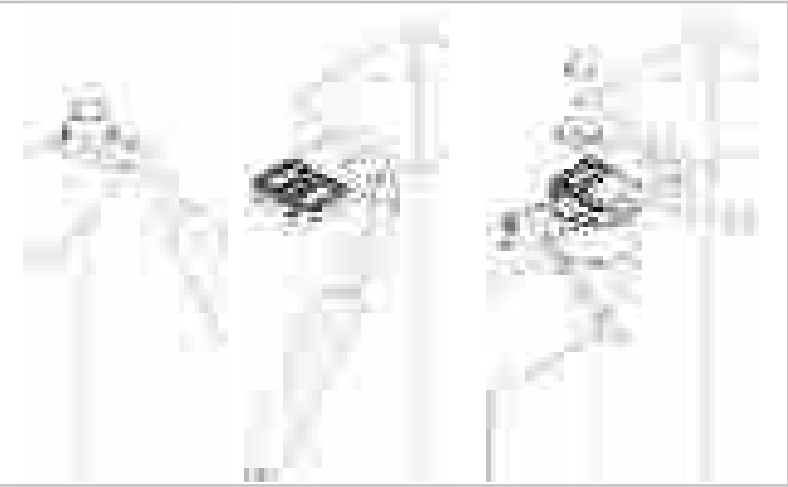
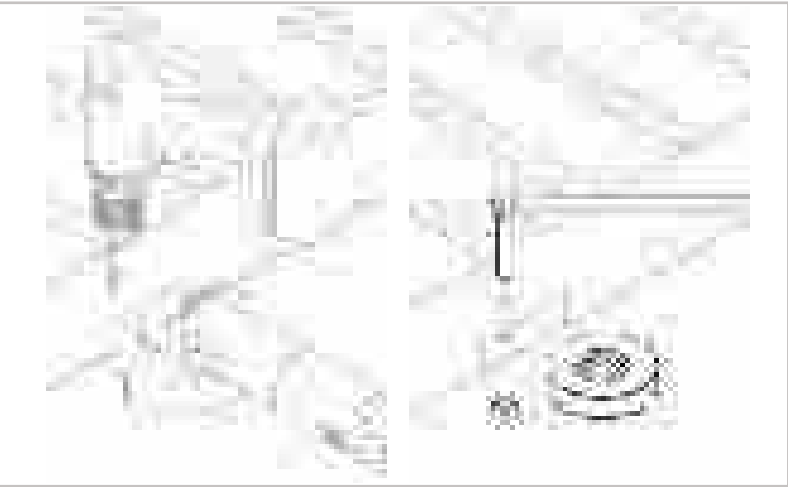
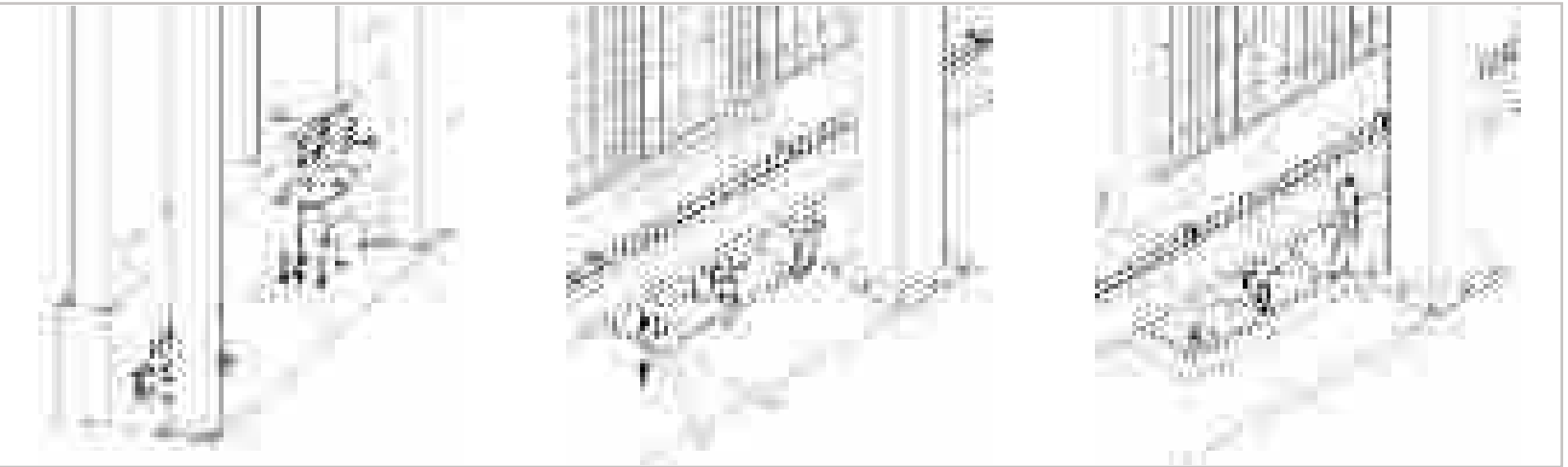


PERNO INOX_STAINLESS STEEL PIN
• Lubrificare prima dell'installazione. Usare grasso che supporti le condizioni ambientali, evitare grassi che tendono ad essiccarsi rapidamente.
• *Lubricate before installation. Use grease suited to the ambient conditions, avoid grease that tends to dry rapidly.*



PERNO CON RONDELLE FISSA INOX_PIN WITH FIXED STAINLESS STEEL WASHER
• Lubrificare prima dell'installazione. Usare grasso che supporti le condizioni ambientali, evitare grassi che tendono ad essiccarsi rapidamente.
• *Lubricate before installation. Use grease suited to the ambient conditions, avoid grease that tends to dry rapidly.*

APPLICATIVI
Applications



COD.	PAG.
100	10
101IX	182
105	10
106IX	182
108	10
109IX	182
110	11
110SFL	11
111	24
112	25
113	25
114IX	183
115	32
120	32
125	32
130	33
135	33
140	33
145	34
150	34
155	34
160	35
165	35
170	35
175	36
180	36
185	36
190	37
195	37
200	37
201	38
202	38
203	38
205	142
206	142
210	142
211	143
215	143
216	143
217	144
218	144
219	144
220	145
221	150
222	151
223	151
225	151
230	152
230IX	198
231	152
232	152
233	153
237	11

COD.	PAG.
238	12
239	12
240	12
245	13
246	13
249	13
250	14
251	14
254	14
1254	17
1257	17
1258R	17
255	15
256	15
257	15
257SFL	16
257TP	16
258R	16
259	20
260	20
261	20
261IX	183
261SFL	21
262	21
263R	21
263RIX	183
1200	22
1202	22
1204	22
1206	23
1208R	23
1210	23
1212R	24
1214R	24
265	153
265T	153
266	154
267	154
270	154
271	155
274	155 - 177
275	155
278	156
280	156
281	156
284	145
285	145
286	146
287	146
288	146
289	147
290	147
291	147

COD.	PAG.
293	148
295	148
297	148
298	149
299	149
300IX	132 - 193
301	132 - 149
301IX	132 - 193
305	133 - 150
310	133 - 150
330	168
331	168
332	168
337	157
339	169
340	169
340IX	192
341	169
342	170
343	110
344	110
345P	110
345RM	111
345R MAXI	111
345MIX	194
345RMPST	112
345RG	111
345GIX	194
345RGPST	112
345RGL	112
345RGLPST	113
346P	113
346M	113
346MIX	195
346MAXI	114
346G	114
346GIX	195
346PST	114
347	118
347R	118
348	119
348IX	196
349	119
349IX	196
349PST	119
350	88 - 157
351	89 - 157
352	130
352F	130
353	89 - 158
354	89 - 158
355	90 - 158
356	159

COD.	PAG.
357	90 - 159
358	159
359	160
360	160
361	160
363	161
364	161
365	161
366	162
370	120
371	120
372	120
374	121
375	115
376	115
376IX	195
377	115
378	116
379	116
380	130
380F	131
381	90
381IX	193
382	91
383	91
383IX	193
384	91
384F	92
385	162
386	131
387	131
388	132
390	162
391	163
393	163
394	163
395	42
395IX	184
395EKHO	42
395NY	42
395DIMA	43
395PST	44
395RUS	44
396	44
396IX	184
396R	45
396T	45
397	45
397IX	184
397STF	46
398	46
399IX	185
399	46

COD.	PAG.
400	60
400IX	185
400NY	60
401	61
402	61
402IX	185
403	62
404	62
405	63
405IX	186
406	63
407	63
407IX	186
408	64
409	64
410	64
411	65
412	65
413	65
415	66
415IX	186
416	66
417	66
417IX	187
418	67
420	67
420IX	187
421	67
422	68
422IX	187
423	68
425	69
425IX	188
425NY	69
426	70
427	70
427IX	188
428	71
430	71
430IX	188
431	72
432	72
432IX	189
433	73
435	73
436	74
437	74
440	75
441	75
442	76
445	76
446	77
447	85

COD.	PAG.
448	85
449	86
450	86
450IX	190
450SHK	86
451	87
452	87
452PST	87
453	88
455	88
457	51 - 80
458	51 - 80
459	81
460	81
461	81
462	47 - 82
462IX	190
462STF	47 - 82
463	47 - 82
463STF	48 - 83
464	48 - 83
465	48 - 83
467	49 - 84
468	49 - 84
468S	49 - 84
468STF	50 - 85
470	50
471	50
472	51
500	170
501	170
502	171
503	171
504	171
505	172
506	172
507	172
508	173
509	173
510	173
511	174
512	174
513	174
600	77
602	77
603	78
700	175
701	175
702	175
703	176
730	25
731	26
745	96

COD.	PAG.
747	96
750	97
752	97
753	97
753IX	191
754	98
754IX	192
755NY	98
756NY	98
768	99
770	99
772	99
774	100
776	100
778	100
780	101
782	101
783	101
784	102
786	102
788	102
790	103
792	103
794	103
800	92
800IX	190
805	92
805IX	191
806	93
807	93
810	93
810IX	191
811	94
812	94
813	94
820NY	95
822NY	95
824NY	95
829	96
845	121
847	121
848	122
849	122
850	122
851	123
855	123
856	123
857	124
858	124
859A	133
859AIX	197
859M	134
859MIX	197

COD.	PAG.
860E	129
860G	128
860R	129
860P	128
860S	127
860T	128
861G	125
861P	125
861T	124
861X	125
862	126
862R	126
862T	126
863	129
875	116
876	117
876IX	196
877	117
878	117
879	118
880	127
880IX	197
885	127
900	78
901	79
901IX	189
902	78
902IX	189
904	79
906	79
907	80
920	104
920IX	192
922	104
924	104
1500	134
1501	134
1600	135
1605	135
1630	135
1635	136
1640	136
1645	136
1650	137
2010	176
2020	176
5000	164
9999	43
9999NY	43

LAVORAZIONI

MACHINING

PARTICOLARI SPECIALI SU SPECIFICA RICHIESTA DEL CLIENTE E CON DIFFERENTI METODOLOGIE PRODUTTIVE, APPLICATE A VARI SETTORI (ES. SETTORE AUTOMOTIVE-SISTEMI DI ANCORAGGI, ETC.). PRODOTTI STAMPATI A FREDDO; PRODOTTI TORNITI; PRODOTTI TRANCIATI. AFFIDABILITÀ E SICUREZZA DI UNA ASSISTENZA SEMPRE PRESENTE PRIMA E DOPO LA VENDITA.

Special parts to customer specification and with different production methods, applied to all kinds of sectors (e.g. automotive sector-fastening systems, etc.). Cold-moulded, machine tooled and sheared products. The reliability and assurance of assistance before and after sales.



CONDIZIONI GENERALI DI VENDITA

Sales Conditions

ORDINI

Gli ordini dovranno pervenire con gli esatti riferimenti di codice articolo, in caso contrario l'azienda non si assume nessuna responsabilità per eventuali errori che derivino da manchevoli o insufficienti indicazioni. La conferma d'ordine dovrà essere ritornata dal cliente firmata per accettazione. Le quantità non multiple degli imballi standard indicati nel listino prezzi verranno automaticamente arrotondate per eccesso.

Non si accettano ordini telefonici.

SPEDIZIONI

La merce viaggia a rischio e pericolo del committente anche se venduta franco destino. L'azienda non si assume alcuna responsabilità per ritardi, perdite, danni causati durante il trasporto.

La consegna si intende effettuata al momento in cui la merce viene consegnata allo spedizioniere.

RECLAMI

Eventuali reclami rilevati al momento dello scarico della merce dovranno essere annotati sul documento di trasporto (D.D.T.) o sulla lettera di vettura e comunicati direttamente all'azienda entro 8 giorni a mezzo raccomandata.

TERMINI DI CONSEGNA

I termini di consegna sono indicativi e quindi non impegnativi. In caso di forza maggiore che impedisca o limiti l'effettivo tempo di consegna, i termini si interrompono o si prolungano.

RESA MERCE

Si accettano resi di merce solo in porto franco, e, solo se concordati ed autorizzati dall'azienda. Alla merce resa verrà applicato un valore (da concordare) in base allo stato ed alle spese di gestione da sostenere.

CONDIZIONI DI PAGAMENTO

Le condizioni di pagamento sono concordate direttamente all'acquisizione dell'ordine con l'azienda o con l'agente autorizzato. In caso di ritardato pagamento verranno applicati gli interessi in uso.

Ogni irregolarità nei pagamenti, indipendentemente dalla causa, autorizza l'azienda a sospendere o ad annullare gli ordini in corso di esecuzione senza che ciò pregiudichi il suo diritto ad eventuali azioni per il risarcimento del danno.

CONTROVERSIE

Per ogni controversia è competente il foro di Lecco - Italia.

ORDERS

All orders must contain the exact reference to the article number, otherwise the company will not take on any responsibility for any possible mistakes resulting from lacking or insufficient information. The order confirmation must be sent back by the customer signed for acceptance. The quantities which are not a multiple of the standard packages given in the price list will be automatically rounded off. Orders given on the phone are not accepted.

SHIPPING

Goods are carried at the consignor's risk even if they are sold free at destination. The company does not take on any responsibility for any delay, loss or damage caused during the transport. Goods are delivered when they are handed over to the shipping agent.

COMPLAINTS

Any complaint which can arise when the goods are being unloaded must be recorded on the shipping document or way-bill and made known to the company within 8 days by registered letter.

DELIVERY TERMS

The delivery terms are just indicative and not binding. In case of force majeure which affects the delivery time the delivery terms will be broken off or delayed.

RETURNS OF GOODS

Returns of goods are accepted only free port and if they are agreed upon and authorized by the company. The returned goods will be given a value (to be agreed upon) according to their conditions and the working expenses to be born.

TERMS OF PAYMENT

The terms of payment are first agreed upon with the company or with the authorized agent when the order is given. In case of delayed payment the current interests will be applied. In case of irregular payment the company is authorized, independently of its cause, to stop or cancel the pending orders without prejudicing its right to take legal action for a compensation for damages.

DISPUTES

In case of dispute the competent court is the court of Lecco - Italy.

Ogni scheda tecnica e dimensionale descritta nel catalogo è puramente indicativa; l'azienda si riserva di apportare in qualsiasi momento modifiche tecniche ed estetiche senza nessun preavviso. Nel caso specifico di esigenze tecniche e relativi disegni, è consigliabile rivolgersi all'Ufficio Tecnico della società COMBI ARIALDO SNC. Si declina ogni responsabilità per uso improprio della merce. Tutti i dati sono redatti e controllati con la massima cura. Non ci assumiamo comunque nessuna responsabilità per eventuali errori o omissioni.

Ogni disegno, fotografia, marchi, loghi, ecc. devono intendersi come proprietà esclusiva della società COMBI ARIALDO.

Tutti gli utilizzi non espressamente autorizzati saranno perseguiti penalmente.

All the technical and dimensional cards described in the catalogue are just for reference. The Company reserve the right to make technical and aesthetical changes at any time without notice.

To loose technical problems as well as to have the related drawings available it is advisable to contact the Engineering Department of the Company COMBI ARIALDO SNC.

The Company have not responsibility for incorrect use of the articles.

All the data are given and checked very carefully. However, we cannot take on the responsibility for any possible errors and omissions.

All drawings, pictures, brands, logos, etc. are exclusive ownership of the Company COMBI ARIALDO. Any use, which has not been expressly authorized, will be prosecuted.

CA

COMBI ARIALDO

Via degli Artigiani, 11 • 23811 BALLABIO (Lecco) • ITALY
Tel. +39 0341 530674 • Fax +39 0341 531124
www.combiaraldo.it • e-mail: info@combiaraldo.it



A tutti coloro che, senza nome e senza volto, lavorando con passione e dedizione, rendono possibile la realizzazione di qualcosa che è più di un semplice accessorio.

To all those, who remain nameless and unknown, and dedicate their passion to the realisation of something which is more than just a simple hardware.

Grazie Arioaldo, grazie papà.
Thank you Arioaldo

CONCEPT & GRAPHIC www.primopianoweb.com
PRINTED IN ITALY

PER PUBBLICIZZARE CON FOTO OD ALTRI MEZZI LA MERCE FOTOGRAFATA È NECESSARIA LA PREVENTIVA AUTORIZZAZIONE SCRITTA DELLA DITTA.
Prior written permission from the supplier is required for advertising the goods photographed with photo or other means.



www.combiaraldo.it

ENJOY TOMORROW

BALLABIO_LECCO **ITALY**