60

1961-2021

FINAT 2.2

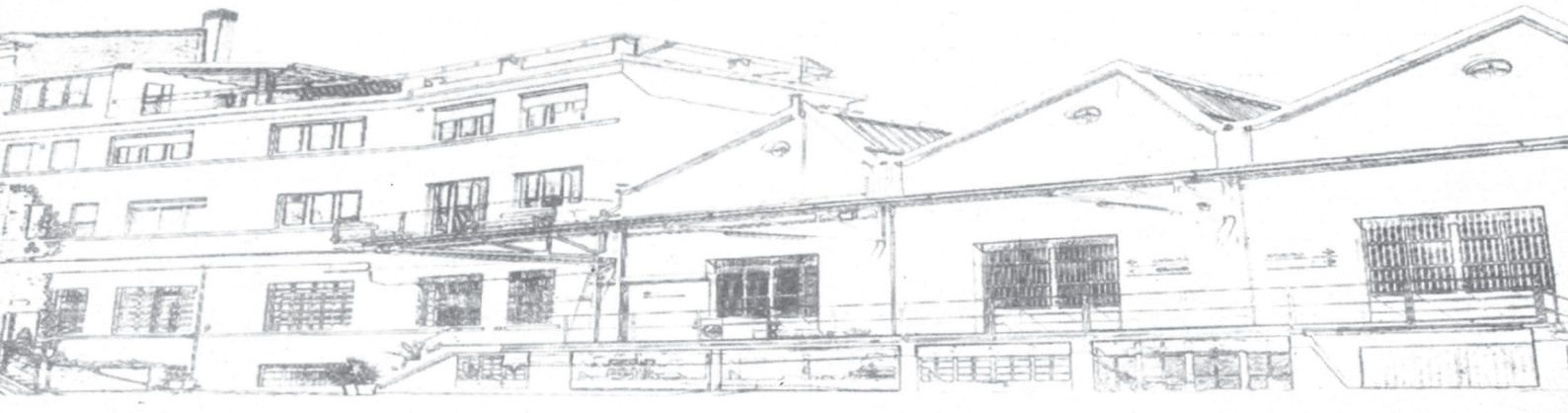
TOOLING SYSTEM



SERRAGGIO • BLOCCAGGIO RAPIDO • SOLLEVAMENTO • INSERTI AVVITAMENTO • PNEUMATICA

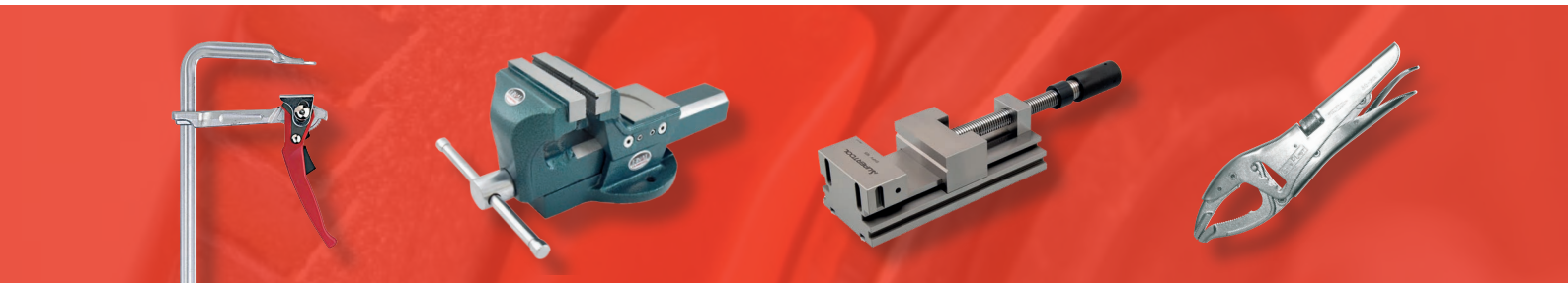
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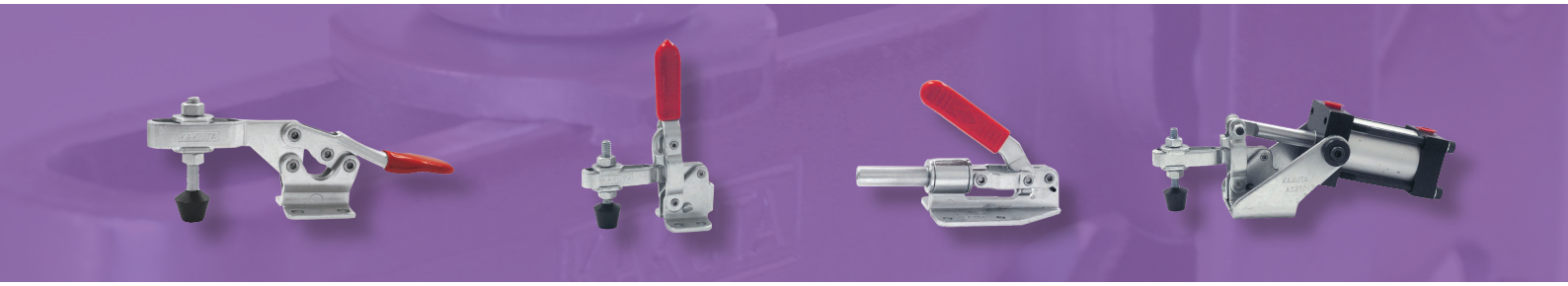
TOOLING SYSTEM



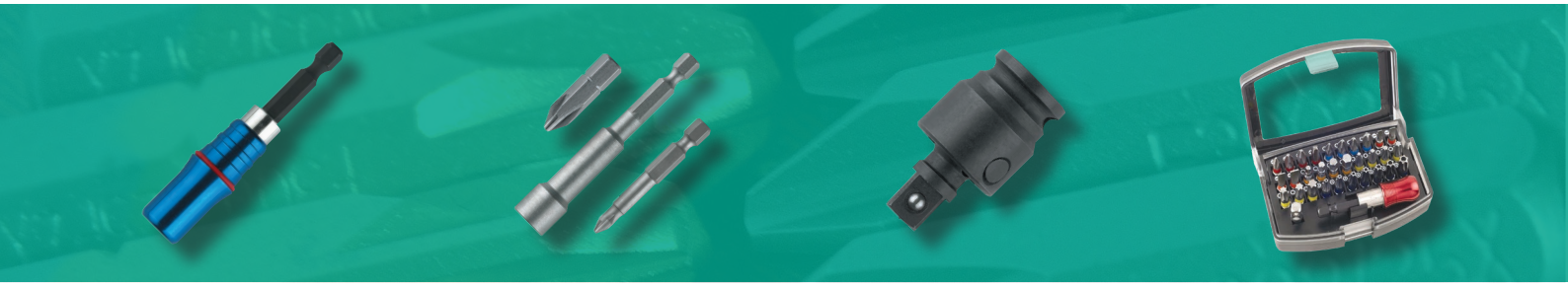
CATALOGO 2.2

FINAT
TOOLING SYSTEM







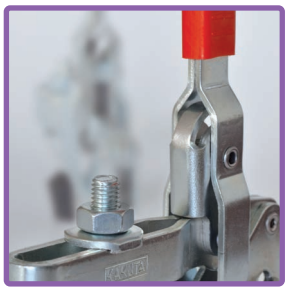




FINAT
CLAMPING



FINAT
QUICK CLAMPING



FINAT
LIFTING



FINAT
AIR TOOLING SYSTEM



FINAT
AIR TOOLING SYSTEM




MASINEXPORT
XLIV FIERA CAMPIONARIA INTERNAZIONALE DI MILANO
14-23 Aprile 1956
A. STUDIO - VIALE MONZA 180 TEL. 28 73 05


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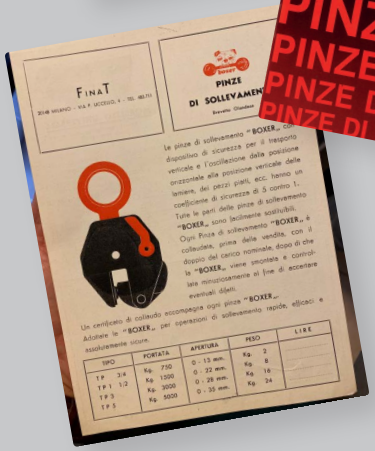







BESSEY
ITALIA
TECNOLOGIA
DEL SERRAGGIO
FINAT

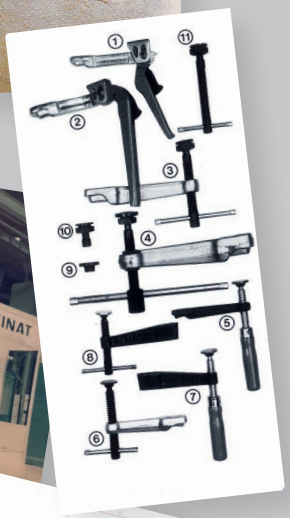

PINZE
DI SOLLEVAMENTO LAMIERE
CON DISPOSITIVO
DI SICUREZZA


FINAT
PINZE
DI SOLLEVAMENTO
Le pinze di sollevamento "BOXER"
Un certificato di collaudo accompagna ogni pinza "BOXER"
TIPO
PORTATA
APERTURA
PESO
LIRE


Sollevatori con stacco per paranco
C 60 (cod. 323)
L 50 (cod. 324)
FINAT
106


FINAT
FINAT
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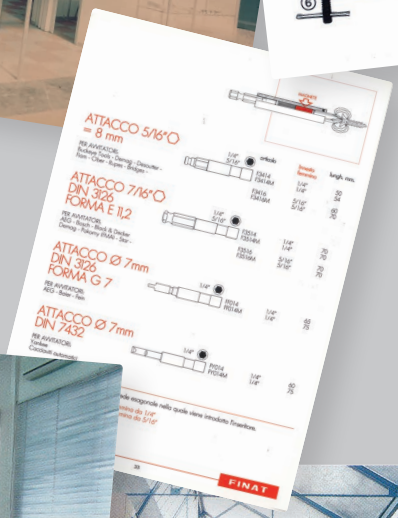





FINAT
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ATTACCO 5/16"O
= 8 mm
ATTACCO 7/16"O
DIN 3126
FORMA E 11,2
ATTACCO Ø 7mm
DIN 3126
FORMA G 7
ATTACCO Ø 7mm
DIN 7432
FINAT








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LIFTING


niente è più importante
della qualità
la VESSEL
lancia la sfida
FINAT








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La Finat inizia la sua attività nel lontano 1961 operando nell'ambito della consulenza tecnica e dello studio di nuove soluzioni per elementi di bloccaggio su macchine utensili con applicazioni speciali a disegno.

La commercializzazione e vendita di attrezzature ed utensili per l'industria, è per noi una conseguenza del tutto naturale in virtù dell'esperienza acquisita in questi decenni a diretto contatto con il tessuto produttivo e tutte le sue differenti esigenze e problematiche.

I principali settori di riferimento, sono, da sempre, quelli della saldatura, della carpenteria, delle costruzioni meccaniche, della movimentazione industriale ed assemblaggio, della cantieristica civile e navale, dello stampaggio plastica e dell'industria in generale.

L'acquisizione di prestigiosi marchi internazionali, ci ha portato, negli anni, a collezionare un catalogo ricco di prodotti di grande risalto ed apprezzati per qualità ed affidabilità.

Ricerca ed innovazione, attenti all'evoluzione rapida dei mercati, mantengono alta l'attenzione verso prodotti sempre più performanti e ci garantiscono il continuo raggiungimento degli obbiettivi prefissati.

Offriamo un servizio capillare e puntuale su tutto il territorio nazionale con interventi regolari di vendita ed assistenza tecnica presso tutti i nostri rivenditori del settore assicurando, grazie al nostro sempre più qualificato team di Agenti e a mezzi dimostrativi dedicati, tutto il supporto necessario per la promozione dei nostri prodotti presso l'industria e l'utilizzatore finale.

Da oltre 60 anni, i nostri clienti apprezzano serietà, competenza e professionalità che rendono la Finat un partner su cui poter sempre contare.

60 ANNI
1961-2021

Finat started its activity back in 1961 working in the field of technical consultancy and study of new solutions for clamping elements on machine tools with special applications according to drawings.

The commercialization and sale of equipment and tools for the industry *is for us a natural consequence of the experience acquired in these decades in direct contact with the productive fabric and all its different needs and issues.*

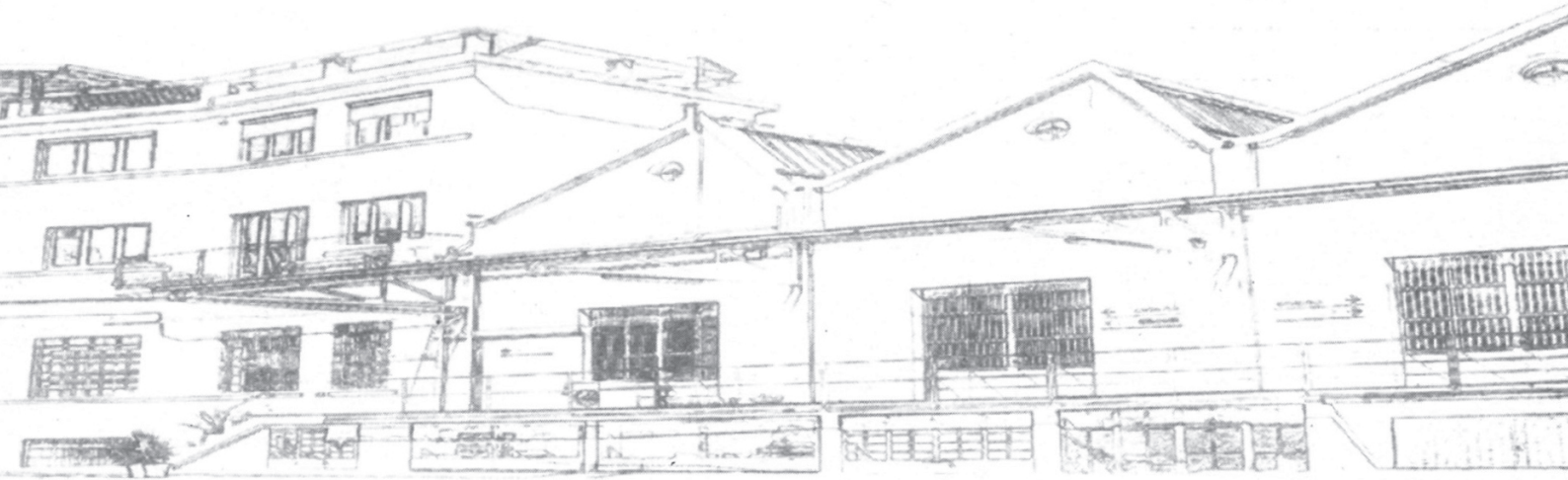
The main sectors of reference *have always been welding, carpentry, mechanical construction, industrial handling and assembly, civil and naval shipbuilding, plastic molding and industry in general.*

The acquisition of prestigious international brands, *has led us, over the years, to collect a catalogue full of products of great prominence and appreciated for quality and reliability.*

Research and innovation, *attentive to the rapid evolution of the markets, keep our attention high towards more and more performing products and guarantee us the continuous achievement of our goals.*

We offer a capillary and punctual service *on the whole national territory with regular sales and technical assistance at all our retailers in the sector, ensuring, thanks to our increasingly qualified team of sales Agents and dedicated demonstration vehicles, all the support necessary for the promotion of our products to the industry and the end user.*

For over 60 years, our customers have appreciated the reliability, competence and professionalism that make Finat a partner they can always count on.







Prenota anche tu una visita dedicata!
vendite@finat.it
















FINAT
CLAMPING



STRETTOI RAPIDI
pag. 3a



STRETTOI STANDARD
pag. 3a



STRETTOI ULTRA-PESANTI
pag. 8a



STRETTOI A CRICCHETTO
pag. 9a



STRETTOI A VITE PROTETTA
pag. 13a



STRETTOI COMPONIBILI
pag. 14a



STRETTOI A "C"
pag. 15a



STRETTOI CON GANASCE IN GHISA
pag. 17a



STRETTOI ASTA PIATTA
pag. 19a



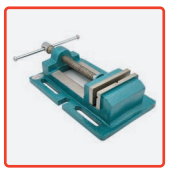
STRETTOI AD AVVICINAMENTO RAPIDO
pag. 20a



SUPPORTI TELESCOPICI
pag. 22a



MORSE DA BANCO
pag. 23a



MORSE DA TRAPANO
pag. 28a



MORSA A 90°
pag. 30a



PINZE GRIP
pag. 31a



CHIAVI UNIVERSALI
pag. 33a



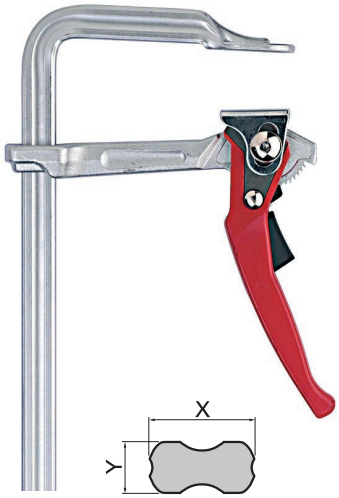
RICAMBI ORIGINALI
pag. 34a



ESPOSITORI
pag. 38a

Articolo / Article	Pagina / Page
A 16	19a
A 20	19a
A 25	19a
A 30	19a
A 40	19a
A 50	19a
AP	11a
AW 16	19a
AW 20	19a
AW 25	19a
AW 30	19a
AW 40	19a
AW 50	19a
B 30	19a
B 40	19a
B 50	19a
B 60	19a
B 80	19a
BC-500 ASTA	15a
BC-1000 ASTA	15a
BC-SML BARRA	14a
BC-SM BARRA	14a
BC-SP BARRA	14a
BC-SM S120 - Scorr.comp.	14a
BC-SM S140 - Scorr.comp.	14a
BC-SML - Scorr.comp.	14a
BC-SP - Scorr.comp.	14a
BT 115	22a
BT 180	22a
BT 290	22a
BT 365	22a
BT-A ACCESSORIO	22a
GIUNTO BAR.1 MT 27x13	14a
GIUNTO BAR.1 MT 30x15	14a
GIUNTO BAR.1 MT 40x20	14a
BW 30	19a
BW 40	19a
BW 50	19a
BW 60	19a
BW 80	19a
C 100	19a
C 120	19a
C 40P	19a
C 50P	19a
C 60P	19a
CM	38a
CR	38a
CW 100	19a
CW 120	19a
D150S12	19a
D40PS20	19a
D50PS20	19a
D60PS20	19a
D40PS25	19a
D50PS25	19a
D60PS25	19a
D80PS25	19a
DW 150 S12	19a
HW 105	33a
HW 105-A	33a
HW 165	33a
MFW 280-S	33a
MOCR 125	27a
MOCR 150	27a
MOE 100	27a
MOE 125	27a
MOE 150	27a
MOE 300	27a
MOE-TR 75	28a
MOE-TR 100	28a
MOE-TR 150	28a
MOI 100	23a
MOI 125	23a
MOI 150	23a
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MOP 125	25a
MOP 150	25a
MOP 200	25a
MOP 100T	26a
MOP 125T	26a
MOP 150T	26a
MOP 200T	26a
MOP-TR 75	28a
MOP-TR 100	28a
MOP-TR 125	28a
MOT 2"	30a
MOT 3,5"	30a
MOT 4,5"	30a
MOTR-AR 100	29a
PW 100	33a
SAC 2	15a
SAC 3	15a
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SAC 6	15a
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SAR 900	20a
SAR150-P	21a
SAR300-P	21a
SAR450-P	21a
SAR600-P	21a
SAR150-V	21a
SAR300-V	21a
SAR450-V	21a
SBL 30	15a
SBL 40	15a
SBL 50	15a
SG 200C	31a
SG 200 CS	32a
SG 200L	32a
SG 225	31a
SG 250	31a
SHPV 165	29a
SL 16	3a
SL 20	3a
SL 25	3a
SL 30	3a
SL 40	3a
SL 50	3a
SL 60	3a
SL 80	3a
SL 100	3a
SL 125	3a
SL 150	3a
SL25-12-6U	12a
SL 10ML	16a
SL 12ML	16a
SL 16ML	16a
SL 20ML	16a
SL 25ML	16a
SL 30ML	16a
SL 40ML	16a
SL 50ML	16a
SL 60ML	16a
SL 80ML	16a
SL 100ML	16a
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SLC 40	9a
SLC 50	9a
SLC 60	9a
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SLC 100	9a
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SLC 150	9a
SLP 40	4a
SLP 60	4a
SLP 80	4a
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SL20-VP	13a
SL30-VP	13a
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SM 30	6a
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SM 50	6a
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SM 80	6a
SM 100	6a
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SM 200	6a
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SM 30-0	10a
SM 50-0	10a
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SMC 30	9a
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SO 120	30a
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SP 150	7a
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SP 80-O	10a
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SP 125-O	10a
SP 150-O	10a
SP 40-17-15U	12a
SR 12	3a
SR 16	3a
SR 20	3a
SR 25	3a
SR 30	3a
SR 40	3a
SR 50	3a
SR 60	3a
SR 80	3a
SR 100	3a
SR25-12-6U	12a
SRL 30	11a
SRL 60	11a
SRL 100	11a
SRLL 12	20a
SRLL 16	20a
SRLL 20	20a
SRLL 25	20a
SW 10 S 5	17a
SW 12 S 6	17a
SW 16 S 8	17a
SW 20 S 10	17a
SW 25 S 12	17a
SW 30 S 12	17a
SW 30 S 14	17a
SW 40 S 12	17a
SW 50 S 12	17a
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SW 80 S 12 S	17a
SW 100 S 12 S	17a
T285-225	8a
T285-450	8a
T285-750	8a
T285-1000	8a
T257-300	8a
T257-450	8a
T257-600	8a
T257-900	8a
T257-1350	8a
RICAMBI strettoi	34a
RICAMBI morse	37a
* nuovo NEW	

SR Strettoi rapidi



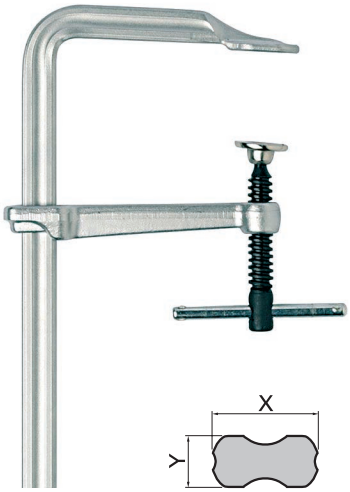


Sistema a leva rapida.
La leva di serraggio a fine corsa è in posizione verticale. Resistenza alle vibrazioni.
Forza di serraggio 750 Kg.

Quick lever clamps.
End-position of clamping lever: vertical.
Unaffected by vibrations.
Clamping force up to 750 Kg.

Articolo Article	Codice Code	Apertura mm Opening mm	Scartamento mm Depth mm	X	Y	Peso Kg Weight Kg	
SR 12	188043	120	60	13,5	6,5	0,53	10
SR 16	188050	160	80	16	7,5	0,67	10
SR 20	188067	200	100	19,5	9,5	1,13	10
SR 25	188074	250	120	22	10,5	1,50	10
SR 30	188081	300	140	25	12	2,26	10
SR 40	188098	400	120	25	12	2,40	10
SR 50	188104	500	120	25	12	2,62	5
SR 60	188111	600	120	25	12	2,84	5
SR 80	188128	800	120	27	13	3,64	5
SR 100	188135	1000	120	27	13	4,22	5

SL Strettoi standard





Strettoi a vite sezione standard.
Forza di serraggio 500 Kg.

Standard screw clamps
Clamping force tup to 500 Kg.





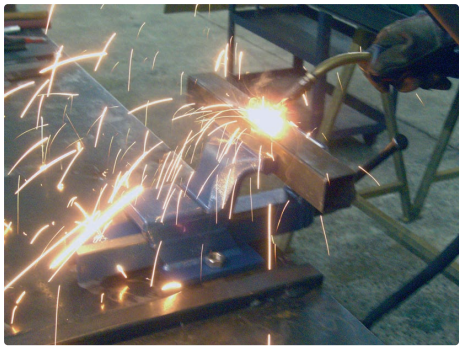
Cappuccio tornito
vedi a pag. 36a

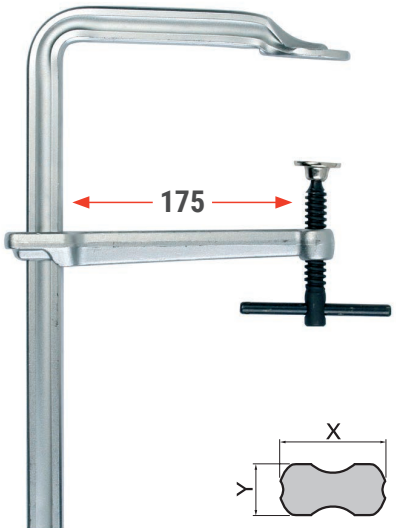
Articolo Article	Codice Code	Apertura mm Opening mm	Scartamento mm Depth mm	X	Y	Peso Kg Weight Kg	
SL 16	188395	160	80	16	7,5	0,50	10
SL 20	188401	200	100	19,5	9,5	0,88	10
SL 25	188418	250	120	22	10,5	1,23	10
SL 30	188425	300	140	25	12	1,85	10
SL 40	188432	400	120	25	12	1,97	10
SL 50	188449	500	120	25	12	2,18	5
SL 60	188456	600	120	25	12	2,40	5
SL 80	188463	800	120	27	13	3,26	5
SL 100	188470	1000	120	27	13	3,76	5
SL 125	188487	1250	120	27	13	4,36	5
SL 150	208703	1500	120	27	13	4,96	5

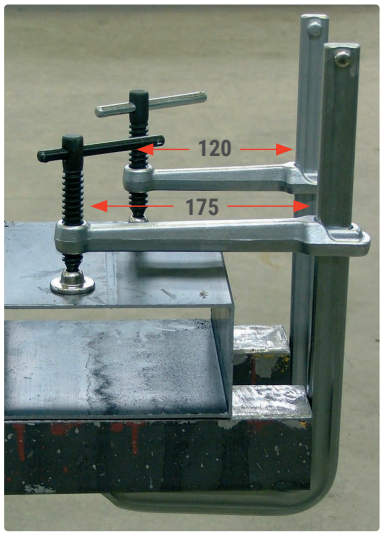
SLP Strettoi scartamento maggiorato 175 mm

Strettoi a vite scartamento profondo.
Forza di serraggio 700 Kg.

Large throat depth screw clamps.
Clamping force tup to 500 Kg.







Articolo Article	Codice Code	Apertura mm Opening mm	Scartamento mm Depth mm	X	Y	Peso Kg Weight Kg	
SLP 40	189095	400	175	27	13	2,57	10
SLP 60	189101	600	175	27	13	3,06	5
SLP 80	189118	800	175	27	13	3,55	6
SLP 100	189125	1000	175	27	13	4,04	6

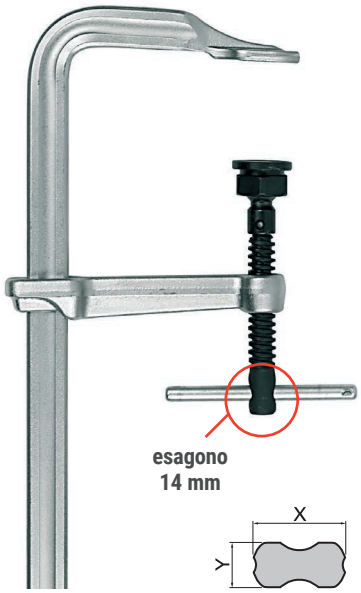


SML Strettoi per lavorazioni medio/leggere

CON CAPPUCCIO ESAGONALE "KOMBI-SET"

Strettoi a vite con cappuccio esagonale snodato.
Forza di serraggio 850 Kg con momento torcente a 25 Nm.

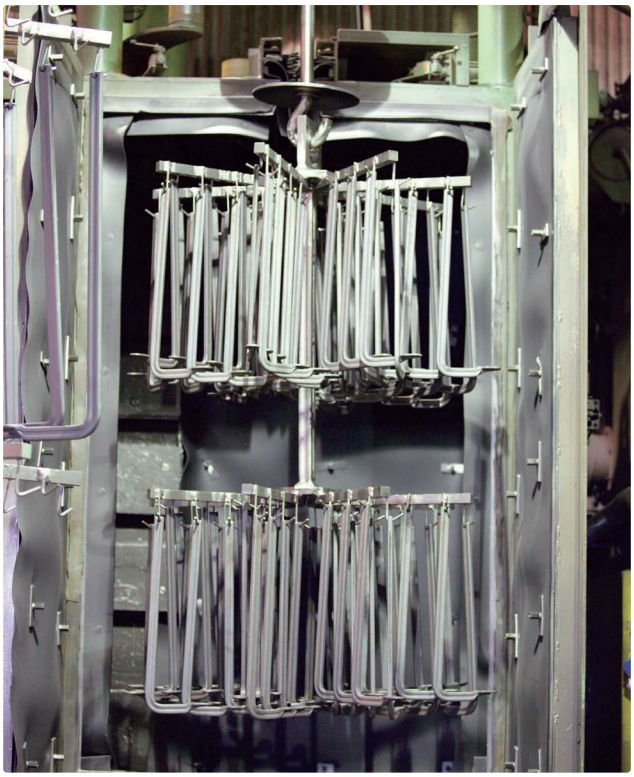
Screw clamps with special heat-resistant pressure plate.
Clamping force up to 850 Kg with a tightening torque of 25 Nm.





Articolo Article	Codice Code	Apertura mm Opening mm	Scartamento mm Depth mm	X	Y	Peso Kg Weight Kg	
SML 20	188654	200	120	27	13	1,97	10
SML 25	188661	250	120	27	13	2,09	10
SML 30	188142	300	120	27	13	2,21	5
SML 40	188159	400	120	27	13	2,46	5
SML 50	188166	500	120	27	13	2,71	5
SML 60	188678	600	120	27	13	2,96	5



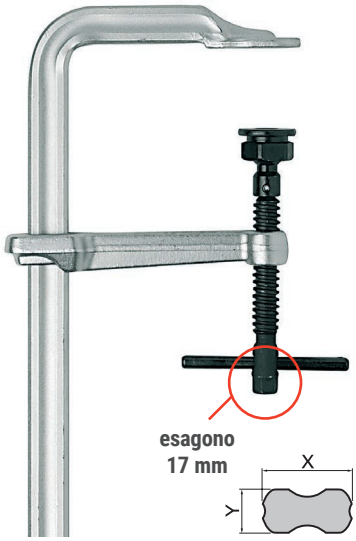


SM Strettoi per lavorazioni medio/pesanti

CON CAPPUCCIO ESAGONALE "KOMBI-SET"

Strettoi a vite con cappuccio esagonale snodato.
Forza di serraggio 1200 Kg con momento torcente a 40 Nm.

Screw clamp with special heat-resistant pressure plate.
Clamping force up to 1200 Kg with a tightening torque of 40 Nm.





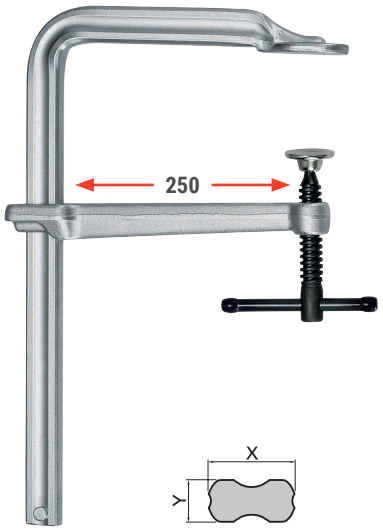
Articolo Article	Codice Code	Apertura mm Opening mm	Scartamento mm Depth mm	X	Y	Peso Kg Weight Kg	
SM 25	188685	250	120	30	15	2,76	5
SM 30	188173	300	140	30	15	3,03	5
SM 40	188234	400	120	30	15	3,24	5
SM 50	188180	500	120	30	15	3,60	5
SM 60	188241	600	120	30	15	3,88	5
SM 80	188197	800	120	30	15	5,60	5
SM 100	188203	1000	120	30	15	5,14	5
SM 125	188210	1250	120	30	15	5,94	5
SM 150	188227	1500	120	30	15	6,72	5
SM 200	208772	2000	120	30	15	8,00	5

SMP Strettoi scartamento maggiorato 250 mm

NEW

Strettoi a vite scartamento profondo.
Forza di serraggio 1200 Kg con momento torcente a 40 Nm.

Large throat depth screw clamps
Clamping force up to 1200 Kg with a tightening torque of 40 Nm.



Articolo Article	Codice Code	Apertura mm Opening mm	Scartamento mm Depth mm	X	Y	Peso Kg Weight Kg	
SMP 40	221924	400	250	30	15	3,55	6
SMP 50	221931	500	250	30	15	3,87	6
SMP 60	221948	600	250	30	15	4,19	6
SMP 80	221955	800	250	30	15	4,82	4
SMP 100	221962	1000	250	30	15	5,46	4

SP Strettoi per lavorazioni pesanti

CON CAPPUCCIO ESAGONALE "KOMBI-SET"

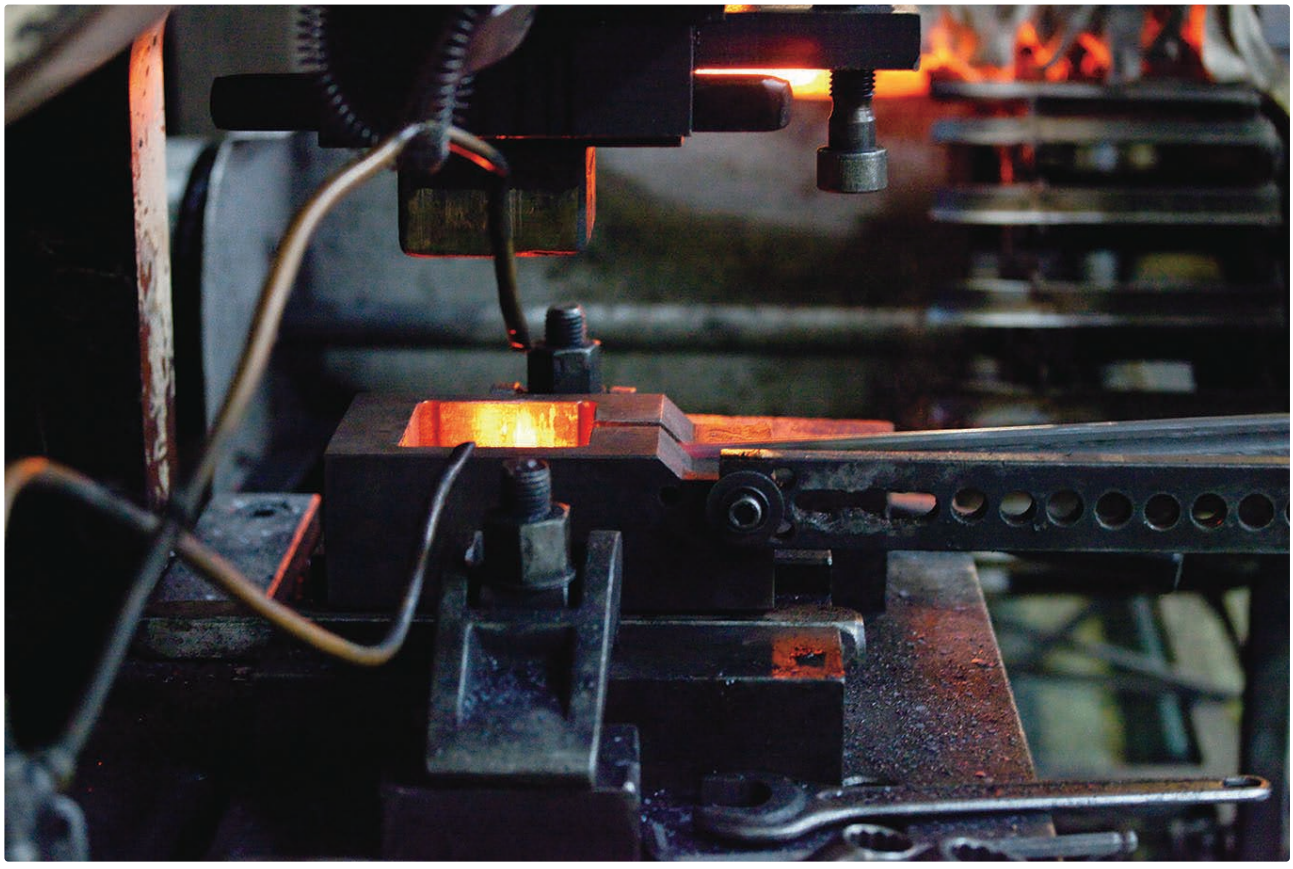
Strettoi a vite con cappuccio esagonale snodato.
Forza di serraggio 2200 Kg con momento torcente a 70 Nm.

Screw clamp with special heat-resistant pressure plate.
Clamping force up to 2200 Kg with a tightening torque of 70 Nm.

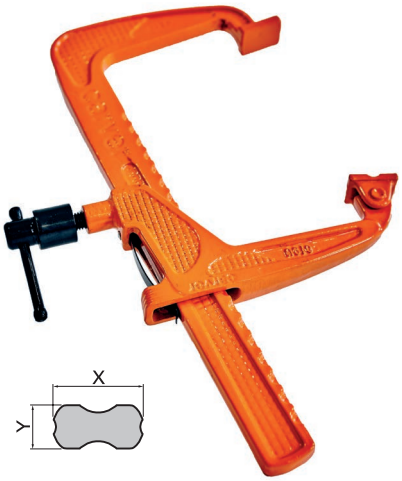




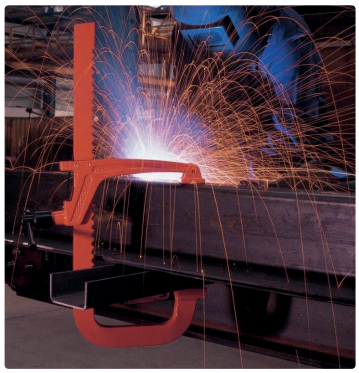
Articolo Article	Codice Code	Apertura mm Opening mm	Scartamento mm Depth mm	X	Y	Peso Kg Weight Kg	
SP 30	188258	300	175	40	20	5,50	1
SP 40	188265	400	175	40	20	6,10	1
SP 50	188272	500	175	40	20	6,60	1
SP 60	188289	600	175	40	20	7,20	1
SP 80	188296	800	175	40	20	8,30	1
SP 100	188302	1000	175	40	20	9,43	1
SP 125	188319	1250	175	40	20	10,83	1
SP 150	188326	1500	175	40	20	12,07	1

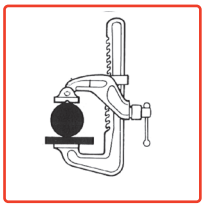


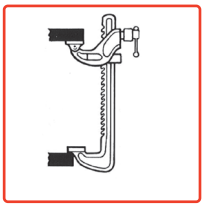
T285 Strettoi a barra dentata scartamento maggiorato NEW

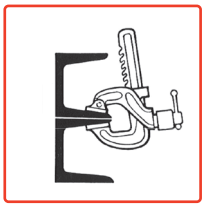


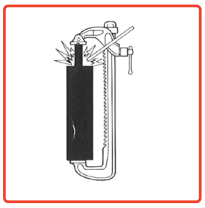
Forza di serraggio **900 Kg.**
*Clamping force up to **900 Kg.***









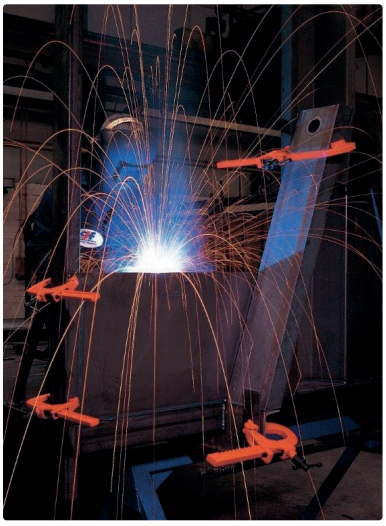


Articolo Article	Codice Code	Apertura mm Opening mm	Scartamento mm Depth mm	X	Y	Peso Kg Weight Kg	
T285-225	223317	225	200	40	20	7,1	1
T285-450	223324	450	200	40	20	8,5	1
T285-750	223331	750	200	40	20	10,0	1
T285-1000	223348	1000	200	40	20	11,5	1

T257 Strettoi a barra dentata per lavorazioni ultra-pesanti NEW



Forza di serraggio **2700 Kg.**
*Clamping force up to **2700 Kg.***



Articolo Article	Codice Code	Apertura mm Opening mm	Scartamento mm Depth mm	X	Y	Peso Kg Weight Kg	
T257-300	223263	300	115	51	22	10,9	1
T257-450	223270	450	115	51	22	12,2	1
T257-600	223287	600	115	51	22	13,1	1
T257-900	223294	900	115	51	22	15,8	1
T257-1350	223300	1350	115	51	22	19,1	1

SLC Strettoi a cricchetto

Serie a cricchetto doppia azione.
Pensato per gli spazi di manovra angusti.
Impugnatura molto confortevole.
Forza di serraggio 750 Kg.

2 way ratchet structure.
No space operating.
Ergonomic handle.
Clamping force up to 750 Kg.





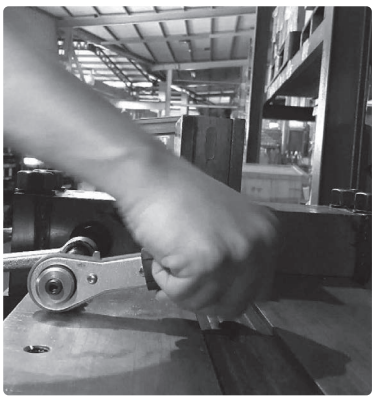
Articolo Article	Codice Code	Apertura mm Opening mm	Scartamento mm Depth mm	X	Y	Peso Kg Weight Kg	
SLC 30	210614	300	140	25	12	2,00	10
SLC 40	210621	400	120	25	12	2,10	10
SLC 50	210638	500	120	25	12	2,31	10
SLC 60	210720	600	120	25	12	2,52	10
SLC 80	211444	800	120	27	13	3,41	6
SLC 100	211833	1000	120	27	13	3,89	6
SLC 125	211840	1250	120	27	13	4,52	4
SLC 150	211857	1500	120	27	13	5,04	4

SMC Strettoi a cricchetto

Serie a cricchetto doppia azione.
Pensato per gli spazi di manovra angusti.
Impugnatura molto confortevole.
Forza di serraggio 1200 Kg.

2 way ratchet structure.
No space operating.
Ergonomic handle.
Clamping force up to 1200 Kg.



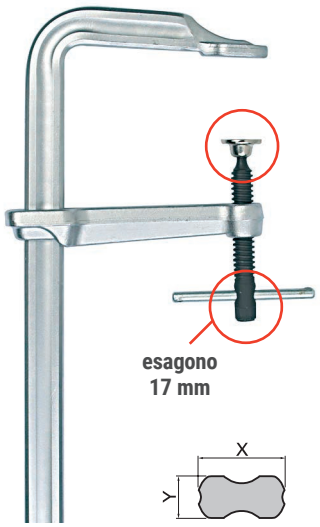


Articolo Article	Codice Code	Apertura mm Opening mm	Scartamento mm Depth mm	X	Y	Peso Kg Weight Kg	
SMC 30	210645	300	140	30	15	2,84	10
SMC 40	210652	400	120	30	15	3,19	6
SMC 50	210669	500	120	30	15	3,41	6
SMC 60	210676	600	120	30	15	3,88	6
SMC 80	210683	800	120	30	15	4,38	6

SM-O Strettoi per lavorazioni medio/pesanti

Strettoi a vite con cappuccio versione standard.
Forza di serraggio 1200 Kg con momento torcente a 40 Nm.

Screw clamp with standard pad plate.
Clamping force up to 1200 Kg with a tightening orque of 40 Nm.





Articolo Article	Codice Code	Apertura mm Opening mm	Scartamento mm Depth mm	X	Y	Peso Kg Weight Kg	
SM 25-O	188692	250	120	30	15	2,52	5
SM 30-O	188708	300	140	30	15	2,88	5
SM 50-O	188333	500	120	30	15	3,35	5
SM 80-O	188715	800	120	30	15	4,27	5

SP-O Strettoi per lavorazioni pesanti

Strettoi a vite con cappuccio versione standard.
Forza di serraggio 2200 Kg con momento torcente a 80 Nm.

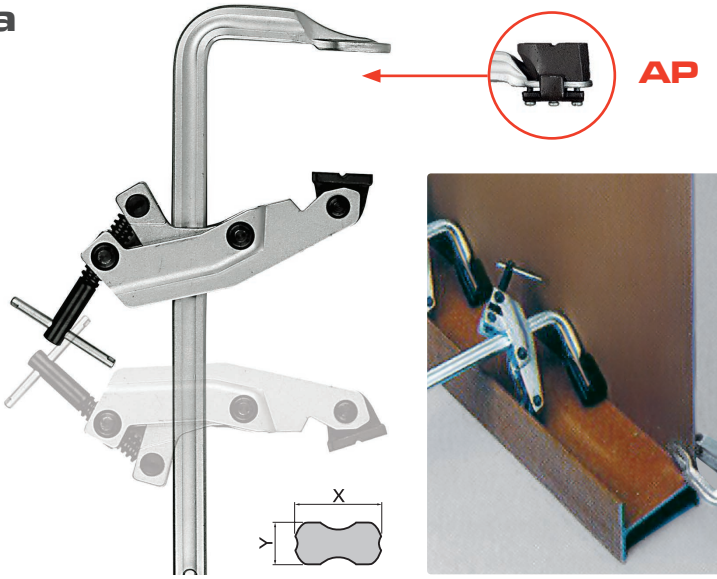
Screw clamp with standard pad plate.
Clamping force up to 2200 Kg with a tightening orque of 80 Nm.





Articolo Article	Codice Code	Apertura mm Opening mm	Scartamento mm Depth mm	X	Y	Peso Kg Weight Kg	
SP 30-O	188340	300	175	40	20	5,20	1
SP 40-O	188722	400	175	40	20	5,76	1
SP 50-O	188739	500	175	40	20	6,32	1
SP 60-O	188746	600	175	40	20	6,88	1
SP 80-O	188753	800	175	40	20	8,00	1
SP 100-O	188760	1000	175	40	20	9,13	1
SP 125-O	188777	1250	175	40	20	10,53	1
SP 150-O	188784	1500	175	40	20	11,77	1

SRL Strettoi a leva



La ganascia mobile, sfruttando il principio della leva, esprime una grandissima pressione.
La vite brunita è protetta contro eventuali scorie di saldatura e permette, essendo **posizionata esternamente**, un facile accesso allo spazio di lavoro.
Forza di serraggio 750 Kg.

***The offset spindle** is protected against welding spatter; it also provides unobstructed access to the working area.*
Clamping force up to 750 Kg.

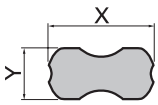
Articolo Article	Codice Code	Apertura mm Opening mm	Scartamento mm Depth mm	X	Y	Peso Kg Weight Kg	
SRL 30	189019	300	100	27	13	2,72	5
SRL 60	189026	600	100	27	13	3,46	5
SRL 100	189033	1000	100	27	13	4,41	5
AP	189002	Trasforma gli strettoi SRL in **distanziatori/divaricatori.** Facile applicazione. *Accessory for SRL secondary clamp use, i.e. expanding (pressing) from inside to out.*				0,30	1

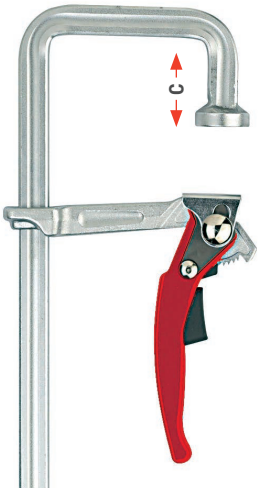


SR-U Strettoi rapidi forma “U”

La forma dell’asta permette di arrivare laddove gli strettoi tradizionali diventano inutilizzabili a serrare facilmente **profili, sezioni a “U” o putrelle con forma a "T",** con una distribuzione razionale della forza. Forza di serraggio 380 Kg.

*Due to the **special “U” shape** of the rail you can reach even difficult access points: “U” profile, “T” bars etc. Clamping force up to 380 Kg.*







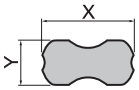
Articolo Article	Codice Code	Apertura mm Opening mm	Scartamento mm Depth mm	X	Y	C	Peso Kg Weight Kg	
SR 25-12-6 U	188920	250	120	**22**	**10,5**	60	1,78	10

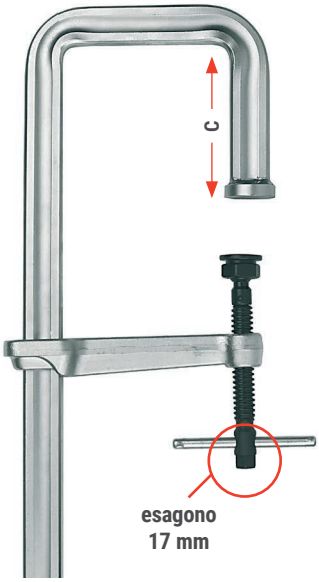
SL-U SM-U SP-U

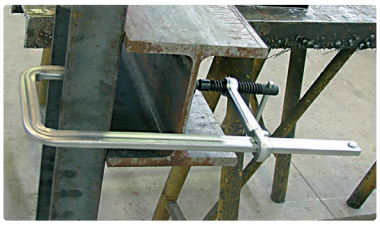
Strettoi a vite forma “U”

La forma dell’asta permette di arrivare laddove gli strettoi tradizionali diventano inutilizzabili a serrare facilmente profili, **sezioni a “U” o putrelle con forma a "T",** con una distribuzione razionale della forza. Forza di serraggio fino a 2200 Kg.

*Due to the **special “U” shape** of the rail you can reach even difficult access points: “U” profile, “T” bars etc. Clamping force up to 2200 Kg.*







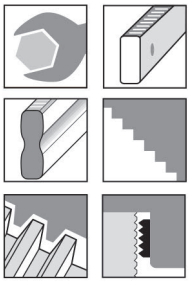




Articolo Article	Codice Code	Apertura mm Opening mm	Scartamento mm Depth mm	X	Y	C	Peso Kg Weight Kg	
SL 25-12-6 U	188647	250	120	**22**	**10,5**	60	1,05	10
SM 30-14-10 U	188630	300	140	**30**	**15**	100	3,76	5
SP 40-17-15 U	188937	400	175	**40**	**20**	150	7,70	1

SL-VP Strettoi vite protetta NEW



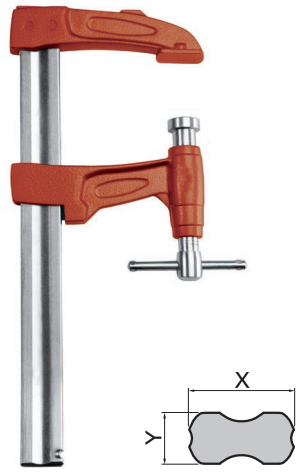


Utilizzabili in ambienti polverosi e in presenza di fluidi. All'esterno e in presenza di umidità.
Meccanismo con cuscinetti a sfera.
Forza di serraggio 800 Kg.

Useful in dusty environments or under fluids.
Outdoor and in presence of humidity.
Ball bearings mechanism.
Clamping force up to 800 Kg.

Articolo Article	Codice Code	Apertura mm Opening mm	Scartamento mm Depth mm	X	Y	Peso Kg Weight Kg	
SL20-VP	223706	200	120	35	8	2,13	1
SL30-VP	223713	300	120	35	8	2,33	1
SL40-VP	223720	400	120	35	8	2,52	1
SL50-VP	223737	500	120	35	8	2,74	1
SL60-VP	223744	600	120	35	8	2,99	1
SL80-VP	223751	800	120	35	8	3,49	1
SL100-VP	223768	1000	120	35	8	3,99	1
SL120-VP	223775	1200	120	35	8	4,49	1
SL150-VP	223782	1500	120	35	8	5,24	1
SL200-VP	223799	2000	120	35	8	6,49	1
SL250-VP	223805	2500	220	40	10	10,30	1
SL300-VP	223812	3000	220	40	10	11,75	1

SL-VPP Strettoi vite protetta "potenti" NEW





Utilizzabili in ambienti polverosi e in presenza di fluidi. All'esterno e in presenza di umidità.
Meccanismo con cuscinetti a sfera.
Forza di serraggio 1000 Kg.

Useful in dusty environments or under fluids.
Outdoor and in presence of humidity. Ball bearings mechanism. Clamping force up to 1000 Kg.

Articolo Article	Codice Code	Apertura mm Opening mm	Scartamento mm Depth mm	X	Y	Peso Kg Weight Kg	
SL20-VPP	223829	200	107	35	8	1,99	1
SL30-VPP	223836	300	107	35	8	2,19	1
SL40-VPP	223843	400	107	35	8	2,38	1
SL50-VPP	223850	500	107	35	8	2,61	1
SL60-VPP	223867	600	107	35	8	2,80	1
SL80-VPP	223874	800	107	35	8	3,18	1
SL100-VPP	223881	1000	107	35	8	3,56	1
SL120-VPP	223898	1200	107	35	8	3,94	1
SL150-VPP	223904	1500	107	35	8	4,51	1
SL200-VPP	223911	2000	107	35	8	5,46	1
SL250-VPP	223928	2500	125	40	10	10,20	1
SL300-VPP	223935	3000	125	40	10	11,65	1

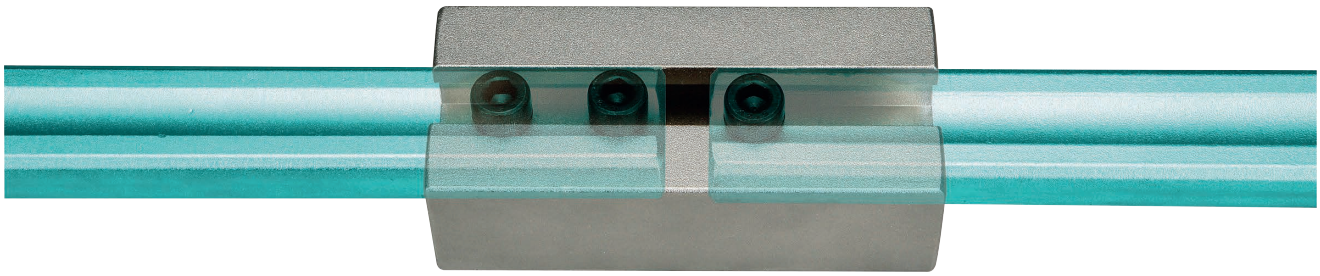
BC Strettoi componibili

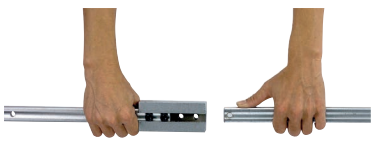
Strettoi a barre componibili con ganasce reversibili per lavori pesanti e lavori speciali. Barre da 1 mt, scorrevoli corredati da vite Kombi-set e giunti di inserimento con bulloni per l'aumento delle aperture per **stringere o distanziare** oggetti in lavorazione. Forza di serraggio 900 Kg.

Modular bar clamps, *1 mt lenght, use together with available moveable arms and joint to* ***tighten or widen.*** *Clamping force up to 900 Kg.*



Articolo Article	Codice Code	Lunghezza mm Lenght mm	X	Y	
BC-SML Barra	189132	1000	**27**	**13**	1
Scorrevole completo prof. 120 mm	188548	-	-	-	-
Giunto	189934	-	-	-	-
BC-SM Barra	189149	1000	**30**	**15**	1
Scorrevole completo prof. 140 mm	188555	–	–	–	–
Scorrevole completo prof. 120 mm	188562	–	–	–	–
Giunto	189941	–	–	–	–
BC-SP Barra	189156	1000	**40**	**20**	1
Scorrevole completo prof. 175 mm	188579	–	–	–	–
Giunto	189958	–	–	–	–





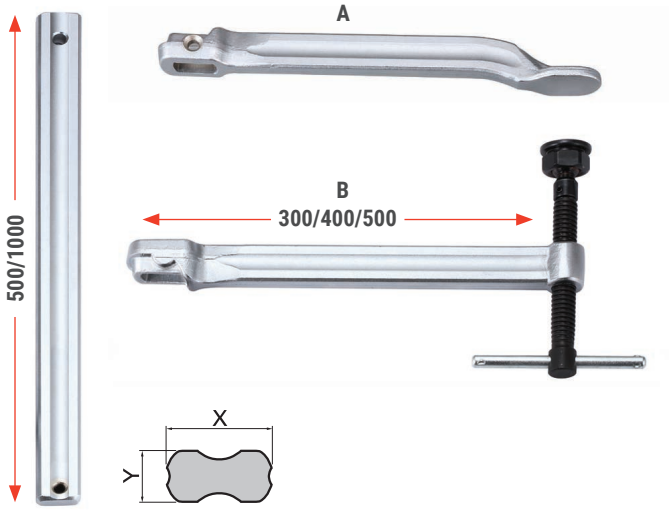




SBL Strettoi componibili scartamento maggiorato

Strettoio lungo scartamento per raggiungere lunghe profondità. Forza di serraggio 850 Kg.

Long gauge clamp *with long arm for deeper clamping. Clamping force up to 850 Kg.*

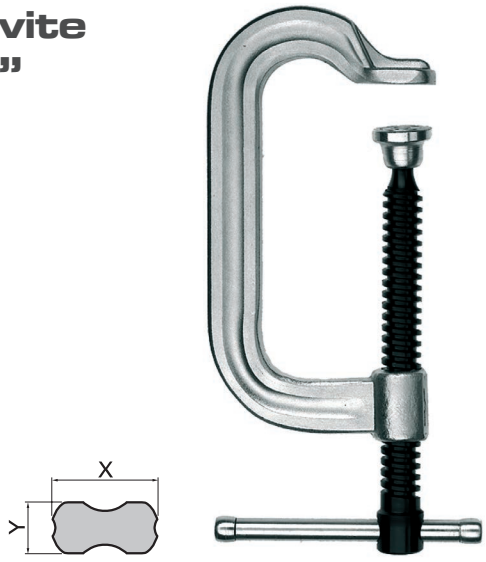


Articolo Article	Codice Code	Apertura mm Opening mm	Scartamento mm Depth mm	X	Y	Peso Kg Weight Kg	
BC-500 asta	196444	500	–	**36**	**18**	2,85	1
BC-1000 asta	221870	1000	–	**36**	**18**	5,70	1
SBL-30 scorrevole (A+B)	196413	–	**300**	**36**	**18**	3,91	4
SBL-40 scorrevole (A+B)	196420	–	**400**	**36**	**18**	4,81	4
SBL-50 scorrevole (A+B)	196437	–	**500**	**36**	**18**	5,72	4

SAC Strettoi a vite forma a "c"

In acciaio di alta qualità, fucinati, zincati.
Vite brunita con traversino.
Forza di serraggio 1500 Kg.

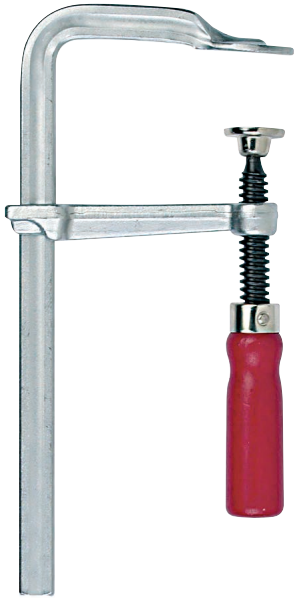
High-grade steel, drop forged, galvanized, spindle with browned, with tommy bar. Clamping force up to 1500 Kg.

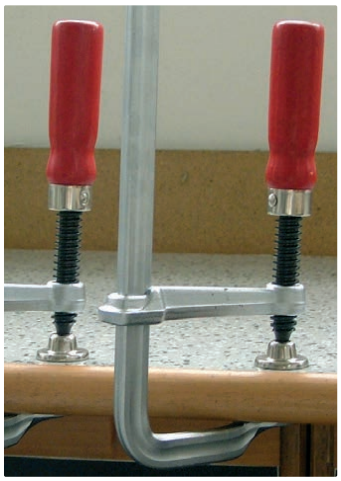


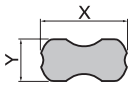


Articolo Article	Codice Code	Apertura mm Opening mm	Scartamento mm Depth mm	X	Y	Peso Kg Weight Kg	
SAC 2	188869	50	50	**19,5**	**9,5**	0,42	10
SAC 3	188494	75	50	**22**	**10,5**	0,62	10
SAC 4	188500	100	60	**25**	**12**	0,96	10
SAC 6	188517	150	75	**27**	**13**	1,44	10
SAC 8	188876	200	90	**30**	**15**	2,28	10
SAC 10	188883	250	100	**40**	**20**	4,30	5

SL-ML Strettoi standard impugnatura in legno







Ideali per un serraggio elastico e flessibile.
Precisione dosaggio forza.
Forza di serraggio 500 Kg.

For precise, accurate clamping.
Clamping force up to 500 Kg.

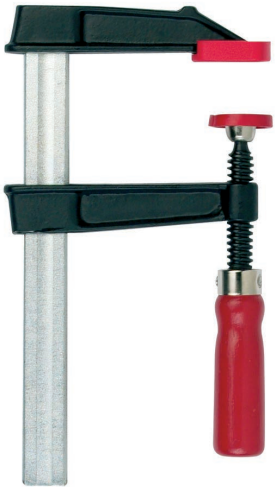
Articolo Article	Codice Code	Apertura mm Opening mm	Scartamento mm Depth mm	X	Y	Peso Kg Weight Kg	
SL 10 ML	188791	100	50	11,5	5,7	0,18	10
SL 12 ML	188357	120	60	13,5	6,5	0,30	10
SL 16 ML	188364	160	80	16	7,5	0,50	10
SL 20 ML	188371	200	100	19,5	9,5	0,88	10
SL 25 ML	188388	250	120	22	10,5	1,23	10
SL 30 ML	188807	300	140	**25**	**12**	1,85	10
SL 40 ML	188814	400	120	**25**	**12**	1,91	10
SL 50 ML	188821	500	120	**25**	**12**	2,12	5
SL 60 ML	188838	600	120	**25**	**12**	2,33	5
SL 80 ML	188845	800	120	27	13	3,26	5
SL 100 ML	188852	1000	120	27	13	3,75	5

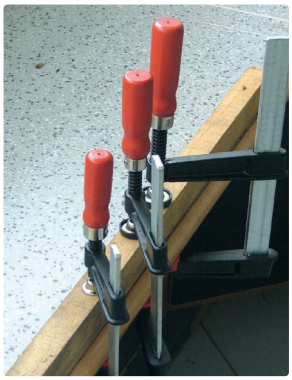


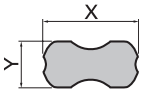
SW Strettoi con ganasce in ghisa malleabile

Impugnatura ergonomica in legno.
Con cappucci protettivi.
Forza di serraggio 600 Kg.

Ergonomically shape wood handle.
With protective caps.
Clamping force up to 600 Kg.





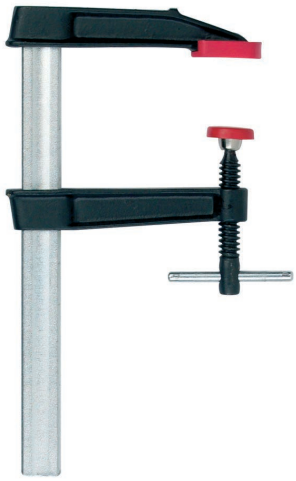


Articolo Article	Codice Code	Apertura mm Opening mm	Scartamento mm Depth mm	X	Y	Peso Kg Weight Kg	
SW 10 S 5	189163	100	50	20	5	0,47	10
SW 12 S 6	189170	120	60	20	5	0,57	10
SW 16 S 8	189187	160	80	25	6	0,82	10
SW 20 S 10	189194	200	100	27	7	1,05	10
SW 25 S 12	189200	250	120	29	9	1,49	10
SW 30 S 14	189217	300	140	32	10	1,88	10
SW 30 S 12	189224	300	120	29	9	1,58	10
SW 40 S 12	189231	400	120	29	9	1,76	10
SW 50 S 12	189248	500	120	29	9	1,94	10
SW 60 S 12	189255	600	120	29	9	2,12	5
SW 80 S 12	189262	800	120	29	9	2,49	5
SW 100 S 12	189279	1000	120	29	9	2,85	5

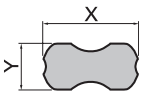
SW-S Strettoi con ganasce in ghisa malleabile

Con vite e traversino.
Con cappucci protettivi.
Forza di serraggio 600 Kg.

Screw and spindle.
With protective caps.
Clamping force up to 600 Kg.







Articolo Article	Codice Code	Apertura mm Opening mm	Scartamento mm Depth mm	X	Y	Peso Kg Weight Kg	
SW 30 S 14 S	189286	300	140	32	10	1,88	5
SW 30 S 12 S	189293	300	120	29	9	1,58	10
SW 40 S 12 S	189309	400	120	29	9	1,76	10
SW 50 S 12 S	189316	500	120	29	9	1,94	5
SW 60 S 12 S	189323	600	120	29	9	2,12	5
SW 80 S 12 S	189330	800	120	29	9	2,49	5
SW 100 S 12 S	189347	1000	120	29	9	2,85	5





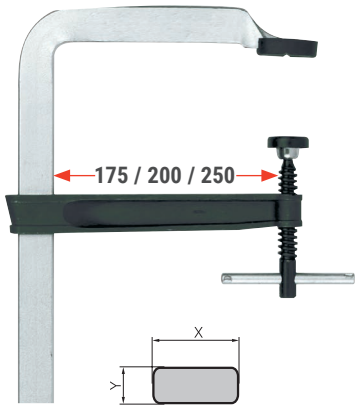


A-B-C-D/W

Strettoi asta piatta
Flat bar clamps



Articolo Article	Codice Code	Apertura Opening mm	Scartamento Depth mm	X	Y	Peso Kg Weight Kg	
A 16	189354	160	80	25	6	0,73	10
A 20	189361	200	80	25	6	0,77	10
A 25	189378	250	80	25	6	0,83	10
A 30	189385	300	80	25	6	0,88	10
A 40	189392	400	80	25	6	1,00	10
A 50	189408	500	80	25	6	1,10	10
B 30	189415	300	100	30	8	1,49	10
B 40	189422	400	100	30	8	1,67	10
B 50	189439	500	100	30	8	1,85	5
B 60	189446	600	100	30	8	2,03	5
B 80	189453	800	100	30	8	2,39	5
C 100	189460	1000	120	35	9	3,70	5
C 120	189477	1200	120	35	9	4,18	5
D 150 S 12	189484	1500	120	35	11	5,79	5



Scartamento braccio lungo

Articolo Article	Codice Code	Apertura Opening mm	Scartamento Depth mm	X	Y	Peso Kg Weight Kg	
C 40P	195935	400	175	35	9	2,56	10
C 50P	195942	500	175	35	9	2,8	10
C 60P	195959	600	175	35	9	3,03	10
D 40 PS 20	195966	400	200	35	11	3,1	5
D 50 PS 20	195973	500	200	35	11	3,4	5
D 60 PS 20	195980	600	200	35	11	3,6	5
D 40 PS 25	195997	400	250	35	11	3,3	5
D 50 PS 25	196000	500	250	35	11	3,6	5
D 60 PS 25	196017	600	250	35	11	3,9	5
D 80 PS 25	196024	800	250	35	11	4,45	5

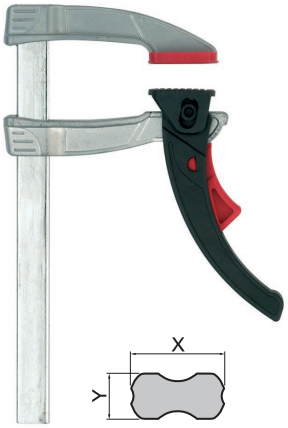


Articolo Article	Codice Code	Apertura Opening mm	Scartamento Depth mm	X	Y	Peso Kg Weight Kg	
AW 16	189491	160	80	25	6	0,73	10
AW 20	189507	200	80	25	6	0,77	10
AW 25	189514	250	80	25	6	0,83	10
AW 30	189521	300	80	25	6	0,88	10
AW 40	189538	400	80	25	6	1,00	10
AW 50	189545	500	80	25	6	1,10	5
BW 30	189552	300	100	30	8	1,49	10
BW 40	189569	400	100	30	8	1,67	10
BW 50	189576	500	100	30	8	1,85	5
BW 60	189583	600	100	30	8	2,03	5
BW 80	189590	800	100	30	8	2,39	5
CW 100	189606	1000	120	35	9	3,70	5
CW 120	189613	1200	120	35	9	4,18	5
DW 150 S 12	189620	1500	120	35	11	5,79	5

SRLL Strettoi rapidi ultra leggeri

Plastica rinforzata con fibre di vetro
e acciaio di ottima qualità, trafilato a freddo.
Forza di serraggio 50 Kg.

Fiberglass-reinforced plastic and statically optimised, cold drawn.
Clamping force up to 50 Kg.





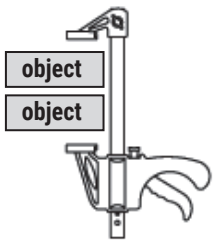
Articolo Article	Codice Code	Apertura mm Opening mm	Scartamento mm Depth mm	X	Y	Peso Kg Weight Kg	
SRLL 12	189057	120	80	20	5	0,280	25
SRLL 16	189064	160	80	20	5	0,310	25
SRLL 20	189071	200	80	20	5	0,340	25
SRLL 25	189088	250	80	20	5	0,380	25

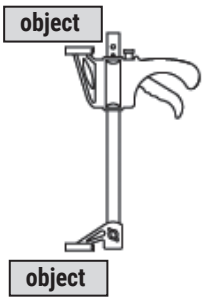
SAR Strettoi avvicinamento rapido

Impugnatura confortevole in gomma
termoplastica. Asta in acciaio.
Possibilità di inversione.
Forza di serraggio 50 Kg.

Soft grip. Steel bar.
Useful for clamping or spreading.
Clamping force up to 50 Kg.







Articolo Article	Codice Code	Apertura mm Opening mm	X	Y	Peso Kg Weight Kg	
SAR 150	212229	150	16	6	0,50	10
SAR 300	212236	300	16	6	0,60	10
SAR 450	212243	450	16	6	0,75	10
SAR 600	212250	600	16	6	0,85	10
SAR 900	212267	900	16	6	1,10	10

SAR-P Strettoi avvicinamento rapido potenti NEW

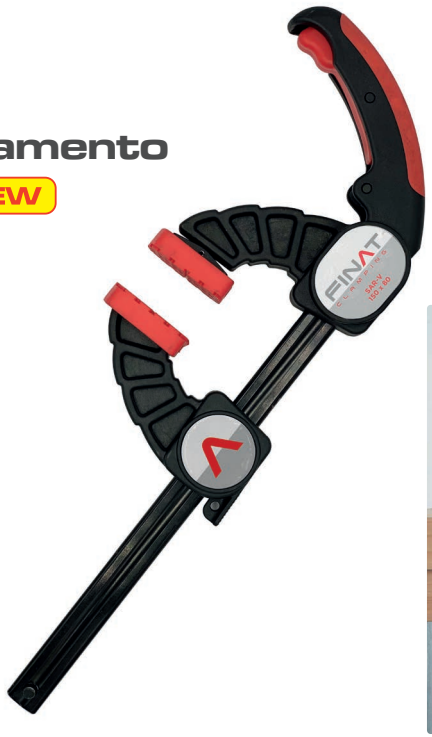


Forza di serraggio 350 Kg.
Corpo in alluminio per maggiore resistenza e durata.
Inversione rapida. Ganasce con superficie maggiorata.

Clamping force up to 350 Kg.
Aluminium structure for rigidity and durability.
Quick conversion. Fully clampable faces.

Articolo Article	Codice Code	Apertura mm Opening mm	Scartamento mm Depth mm	X	Y	Peso Kg Weight Kg	
SAR150-P	222754	150	95	19	6	0,94	12
SAR300-P	222761	300	95	19	6	1,04	12
SAR450-P	222778	450	95	19	6	1,14	12
SAR600-P	222785	600	95	19	6	1,28	12

SAR-V Strettoi avvicinamento rapido veloci NEW



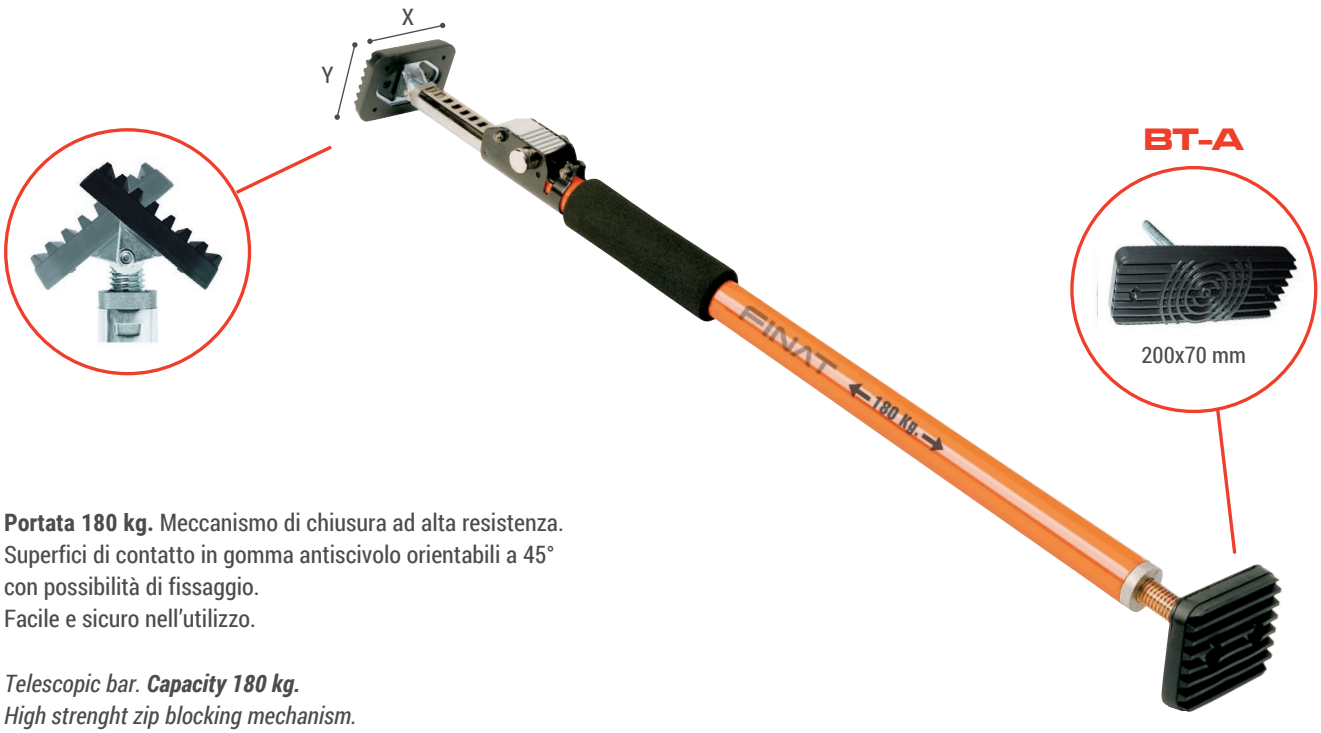


Velocità di serraggio.
Impugnatura confortevole in gomma.
Termoplastica.
Asta in acciaio.

Super-fast clamping.
Soft grip.
Fiberglass. Steel bar.

Articolo Article	Codice Code	Apertura mm Opening mm	Scartamento mm Depth mm	X	Y	Peso Kg Weight Kg	
SAR150-V	222792	150	80	19	6	0,66	10
SAR300-V	222808	300	80	19	6	0,78	10
SAR450-V	222815	450	80	19	6	0,89	10

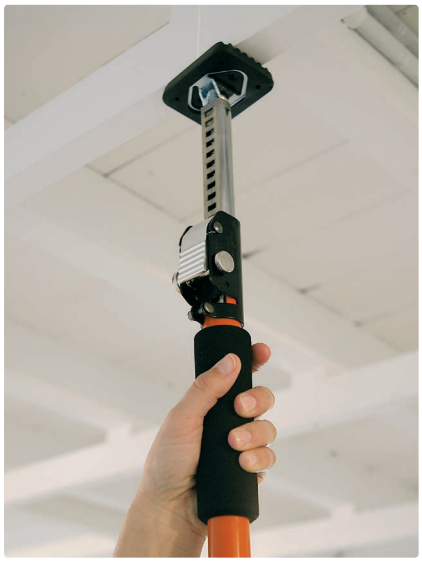
BT Supporto telescopico NEW



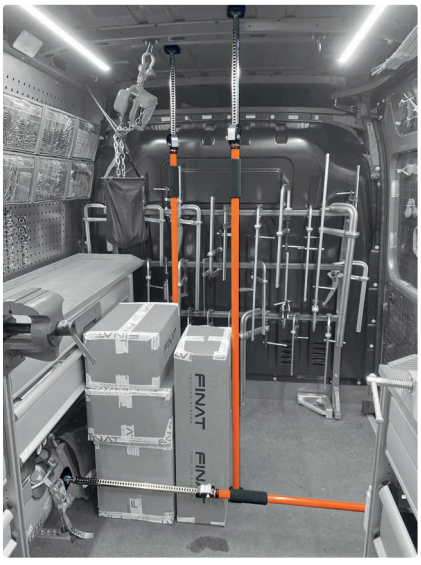
Portata 180 kg. Meccanismo di chiusura ad alta resistenza.
Superfici di contatto in gomma antiscivolo orientabili a 45° con possibilità di fissaggio.
Facile e sicuro nell'utilizzo.

Telescopic bar. ***Capacity 180 kg.***
High strenght zip blocking mechanism.
Non-slip pads 45° adjustable with the possibility to fix.

Articolo Article	Codice Code	Apertura mm Opening mm	X mm	Y mm	Peso Kg Weight Kg	
BT 115	223942	65 - 115	80	60	1,4	1
BT 180	223959	100 - 180	80	60	2,2	1
BT 290	223966	160 - 290	80	60	2,5	1
BT 365	223973	195 - 365	80	60	3,0	1
BT-A ACCESSORIO compatibile solo con mod. BT290	223980	-	200	70	0,5	2







MOI Morsa parallela industriale

Fusione acciaio speciale S.G.
Guida registrabile
Ganasce sostituibili
Supporto base maggiorato
Fusione unica
Totale assenza di saldature
Fermo vite fondo corsa
Ampia incudine
Vite passo 6 filetti per pollice
Ganasce fresate serraggio tondini

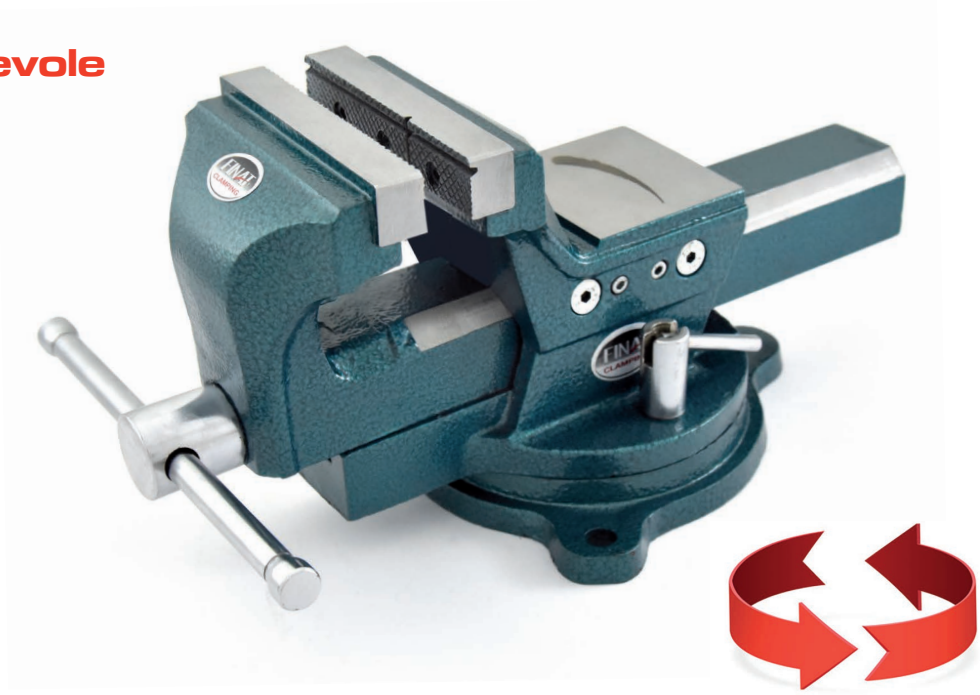
S.G. Iron casting
Adjustable guide
Replaceable jaws
Extended base
One single casting block
No welding
End screw stop
Wide anvil for striking
Lead screw with 6tpi thread
Cutting jaws for rods clamping



Articolo Article	Codice Code	Larghezza ganasce mm Jaws width mm	B mm	C mm	D mm	Peso Kg Weight Kg	
MOI 100	210812	100	130	70	140	7,3	1
MOI 125	210829	125	150	85	160	13,0	1
MOI 150	210836	150	180	105	190	17,2	1

Con base girevole
Swivel base version

(Vedi accessori pag. 37a)
(See component p. 37a)



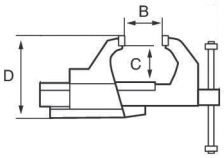
MOI-T Morsa parallela industriale con ganasce serratubo



Con ganasce serratubo fisse
Fusione acciaio speciale S.G.
Guida registrabile
Ganasce sostituibili
Supporto base maggiorato
Fusione unica
Totale assenza di saldature
Fermo vite fondo corsa
Ampia incudine
Vite passo 6 filetti per pollice
Ganasce fresate serraggio tondini

S.G. Iron casting
Adjustable guide
Replaceable jaws
Extended base
One single casting block
No welding
End screw stop
Wide anvil for striking
Lead screw with 6tpi thread
Cutting jaws for rods clamping



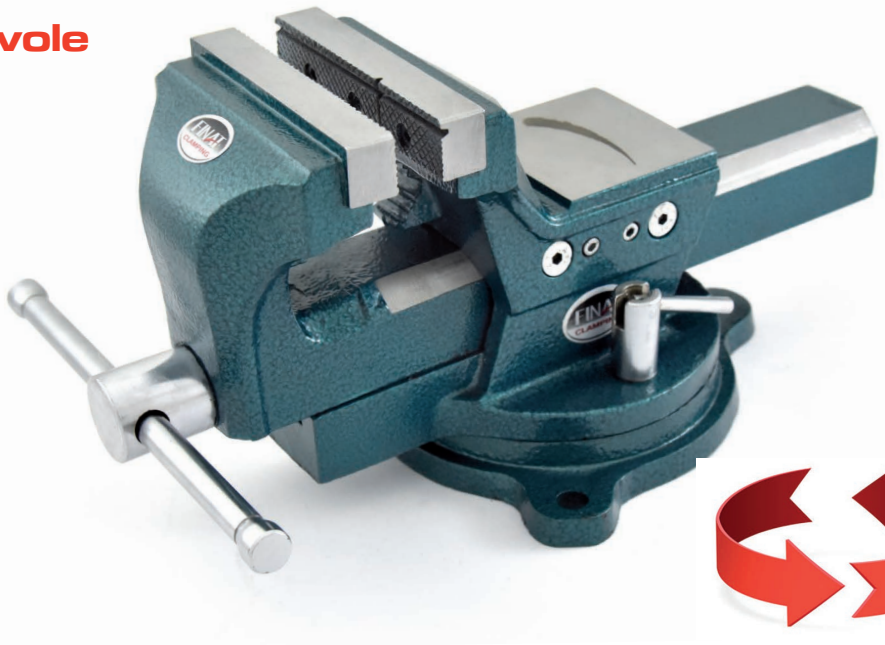


Articolo Article	Codice Code	Larghezza ganasce mm Jaws width mm	B mm	C mm	D mm	Peso Kg Weight Kg	
MOI 100 T	210843	100	130	70	140	7,5	1
MOI 125 T	210850	125	150	85	160	13,4	1
MOI 150 T	210867	150	180	105	190	17,7	1

Con base girevole
Swivel base version

(Vedi accessori pag. 37a)
(See component p. 37a)

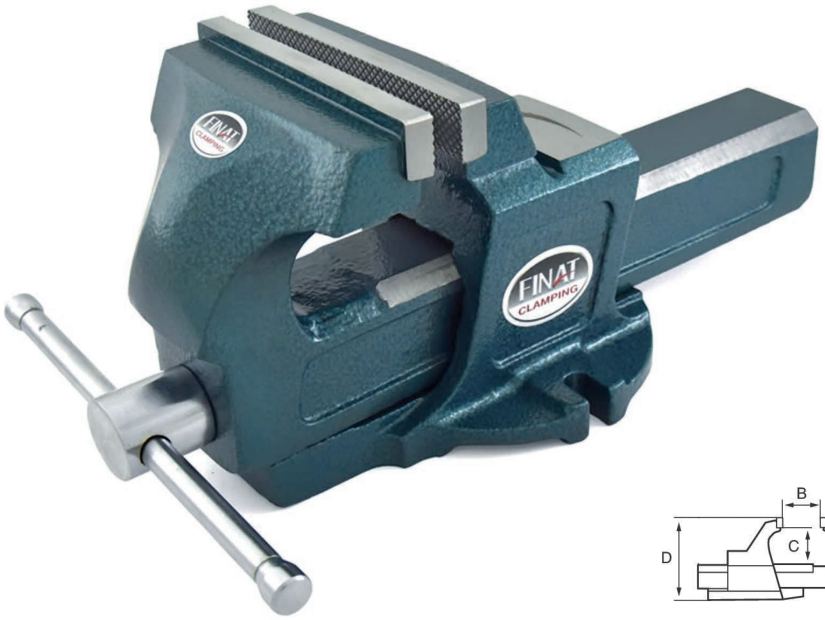




MOP Morsa parallela professionale

Fusione acciaio speciale S.G.
Ganasce sostituibili
Supporto base maggiorato
Fusione unica
Totale assenza di saldature
Fermo vite fondo corsa
Ampia incudine
Vite passo 6 filetti per pollice
Ganasce fresate serraggio tondini

S.G. Iron casting
Replaceable jaws
Extended base
One single casting block
No welding
End screw stop
Wide anvil for striking
Lead screw with 6tpi thread
Cutting jaws for rods clamping



Articolo Article	Codice Code	Larghezza ganasce mm Jaws width mm	B mm	C mm	D mm	Peso Kg Weight Kg	
MOP 100	211277	100	150	80	160	7,7	1
MOP 125	211284	125	180	90	175	12,0	1
MOP 150	211291	150	200	90	180	15,0	1
MOP 200	220361	200	230	100	200	19,4	1

Con base girevole
Swivel base version

(Vedi accessori pag. 37a)
(See component p. 37a)

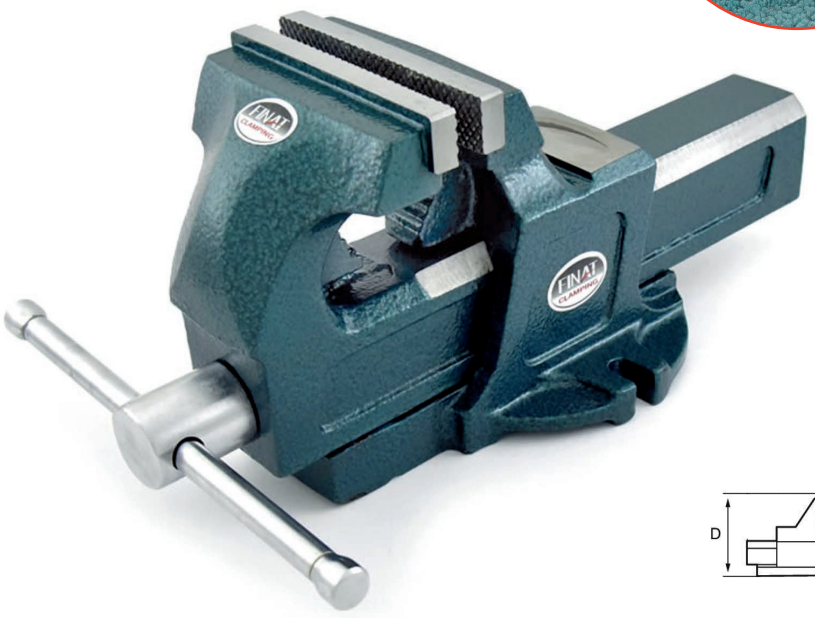


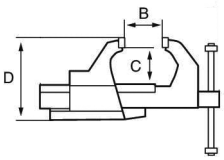
MOP-T Morsa parallela professionale con ganasce serratubo



Fusione acciaio speciale S.G.
Ganasce sostituibili
Supporto base maggiorato
Fusione unica
Totale assenza di saldature
Fermo vite fondo corsa
Ampia incudine
Vite passo 6 filetti per pollice
Ganasce fresate serraggio tondini

S.G. Iron casting
Replaceable jaws
Extended base
One single casting block
No welding
End screw stop
Wide anvil for striking
Lead screw with 6tpi thread
Cutting jaws for rods clamping





Articolo Article	Codice Code	Larghezza ganasce mm Jaws width mm	B mm	C mm	D mm	Peso Kg Weight Kg	
MOP 100 T	211307	100	150	80	160	7,9	1
MOP 125 T	211314	125	180	90	175	12,3	1
MOP 150 T	211321	150	200	100	180	15,4	1
MOP 200 T	220378	200	230	100	200	19,8	1

Con base girevole
Swivel base version

(Vedi accessori pag. 37a)
(See component p. 37a)



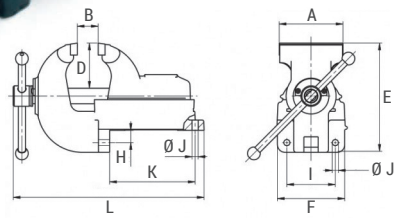


MOCR Morsa parallela "coda di rondine"

Fusione acciaio speciale S.G.
Scorrimento posteriore della ganascia mobile
Ganasce temprate
Ganasce sostituibili
Vite maggiorata a filetto coperto
Ampia incudine
Alta precisione

S.G. Iron casting
Mobile internal jaw
Hardened jaws
Replaceable jaws
Oversize covered screw
Wide anvil for striking
High precision



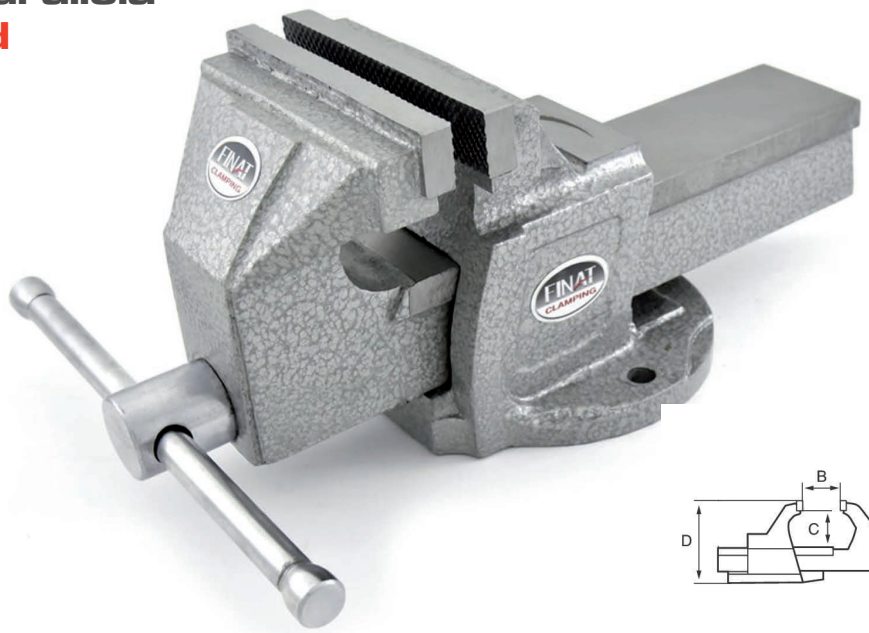


Articolo Article	Codice Code	Larghezza ganasce mm Jaws width mm	B mm	D mm	E mm	F mm	H mm	I mm	J mm	K mm	L mm	Peso Kg Weight Kg	
MOCR 125	211963	125	130	80	200	105	27	75	11	170	357	13	1
MOCR 150	211970	150	155	80	210	115	30	80	13	190	378	19	1

MOE Morsa parallela standard

Fusione acciaio speciale S.G.
Ganasce sostituibili
Fusione unica
Totale assenza di saldature
Fermo vite fondo corsa
Ampia incudine
Vite passo 6 filetti per pollice

S.G. Iron casting
Replaceable jaws
One single casting block
No welding
End screw stop
Wide anvil for striking
Lead screw with 6tpi thread



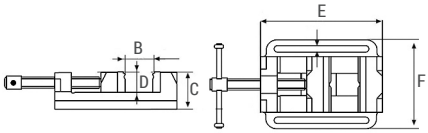
Articolo Article	Codice Code	Larghezza ganasce mm Jaws width mm	B mm	C mm	D mm	Peso Kg Weight Kg	
MOE 100	211338	100	120	55	120	5,0	1
MOE 125	211345	125	140	75	150	7,6	1
MOE 150	211352	150	145	95	175	14,0	1
MOE 300	220354	300	300	110	230	35,5	1

MOP-TR Morsa da trapano professionale NEW

Fusione acciaio speciale S.G.
Ganasce fresate
4 asole per fissaggio regolabile
Ganasce sostituibili

S.G. iron casting
Cutting jaws
4 slots for adjustable fixing
Replaceble jaws



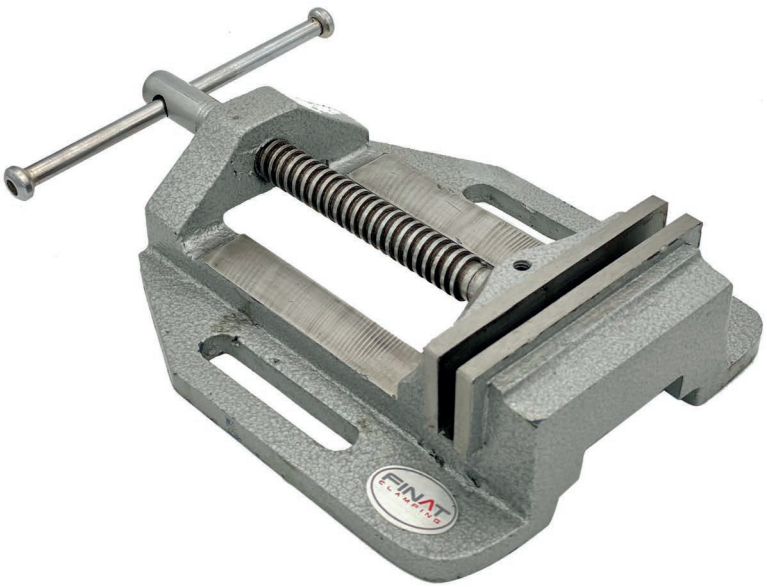


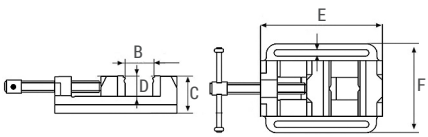
Articolo Article	Codice Code	Larghezza ganasce Jaws width mm	B mm	C mm	D mm	E mm	F mm	Peso Kg Weight Kg	
MOP-TR 75	220415	75	110	65	35	230	125	3,6	1
MOP-TR 100	220422	100	135	80	45	270	170	7,3	1
MOP-TR 125	220439	125	135	95	55	285	185	9,6	1

MOE-TR Morsa da trapano eco NEW

Fusione acciaio speciale S.G.
Doppia asola per fissaggio regolabile
Ganasce sostituibili

S.G. iron casting
2 slots for adjustable fixing
Replaceble jaws



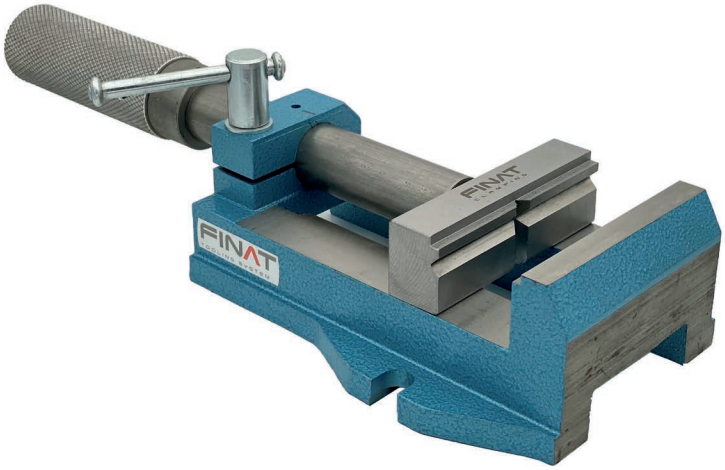


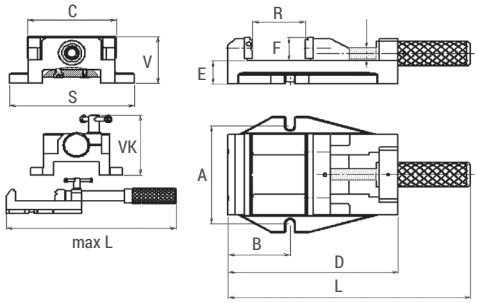
Articolo Article	Codice Code	Larghezza ganasce Jaws width mm	B mm	C mm	D mm	E mm	F mm	Peso Kg Weight Kg	
MOE-TR 75	220385	75	90	55	35	160	135	2,4	1
MOE-TR 100	220392	100	115	60	35	185	165	3	1
MOE-TR 150	220408	150	175	70	45	265	230	7,1	1

MOTR-AR Morsa da trapano ad avvicinamento rapido NEW

Morsa manuale per macchina utensile
Sistema avvicinamento rapido
Vitone coperto e protetto
Ganascia mobile fresata per lavorazione tondi

Handly machine vice
Quick clamp system
Covered main screw
Moving jaws with double prism



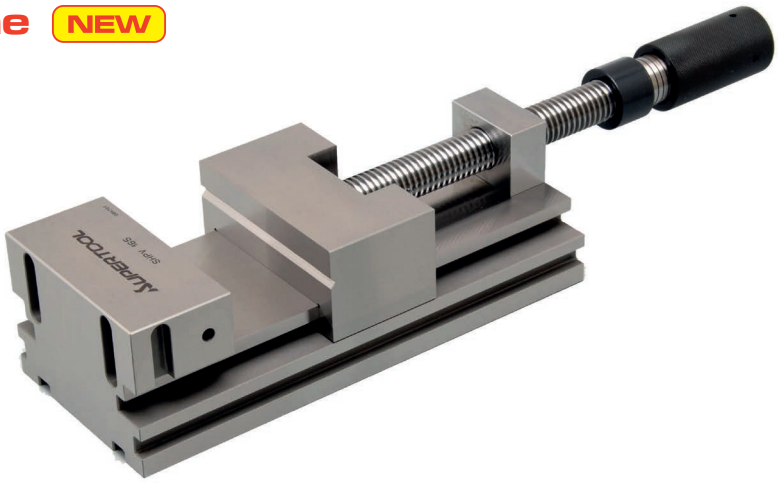


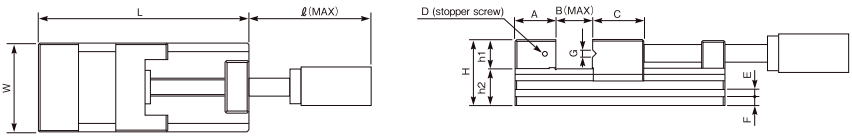
Articolo Article	Codice Code	Largh. ganasce Jaws width mm	S mm	L mm	max R mm	max L mm	V mm	VK mm	A mm	B mm	C mm	D mm	E mm	F mm	Peso Kg Weight Kg	
MOTR-AR 100	222495	100	140	330	100	430	67	98	125	64	100	191	32	35	5,4	1

SHPV Morsa parallela ad alta precisione NEW

Materiale altamente resistente SKS3 – HRC60
Tolleranza parallelismo: non più di 0.002/100 mm
Tolleranza guide scorrimento: non più di 0.005/100 mm
Ampio campo d'applicazione
Ganascia mobile fresata per lavorazione tondi

Material hardness SKS3 - HRC60
Parallelism tolerance: not more than 0.002/100 mm
Squareness tolerance: not more than 0.005/100 mm
Wide range of processing works
Groove for processing a spherical object
at a movable jaw





Articolo Article	Codice Code	Forza di serraggio kN Clamping capacity kN	L	W	H	h1	h2	A	B	C	D	E	F	ℓ	G	Peso Kg Weight Kg	
SHPV165	224086	15	300	125	90	40	50	60	165	70	M8	11x7	12	284	7 (90')	18.0	1

MOT Morsa da banco ribaltabile per tubi



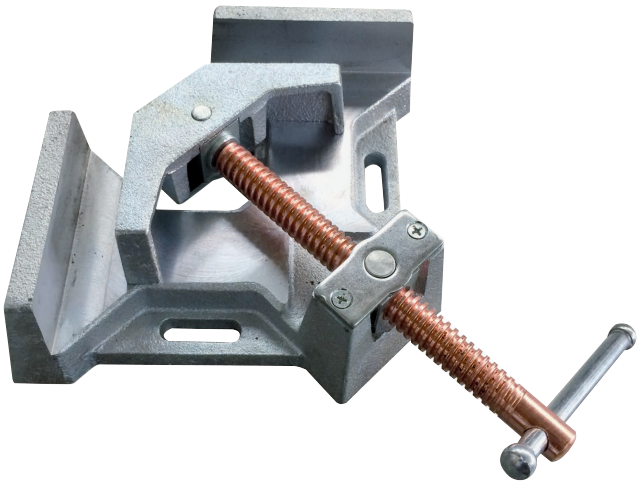
Morsa ribaltabile per tubi in acciaio forgiato.
Universal steel pipe vice.

Articolo Article	Codice Code	Per tubi ∅ pollici Pipe size inches ∅	Peso Kg Weight Kg	
MOT 2"	211987	2"	3,5	1
MOT 3,5"	211994	3,5"	7,5	1
MOT 4,5"	212007	4,5"	10,5	1

SO 90 Morsa per serrare in squadra 90°

Ganasce e struttura centrale di altissima qualità, vite ramata, ideale anche per i lavori di saldatura.
Il doppio snodo permette di serrare in automatico spessori differenti.

Welders' angle clamp. ***The double joint system allows to automatically tighten different thickness.***



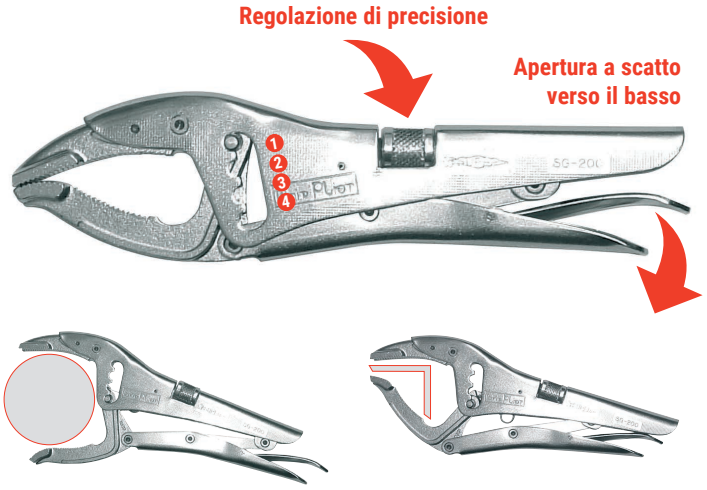


Articolo Article	Codice Code	Passaggio max mm Max travel mm	Capacità max mm Depth mm	Altezza ganasce mm Jaw height mm	Lunghezza ganasce mm Jaw lenght mm	Peso Kg Weight Kg	
SO 90	191142	60	2 x 90	35	110	3,8	1
SO 120	220460	130	2 x 120	60	110	6,8	1

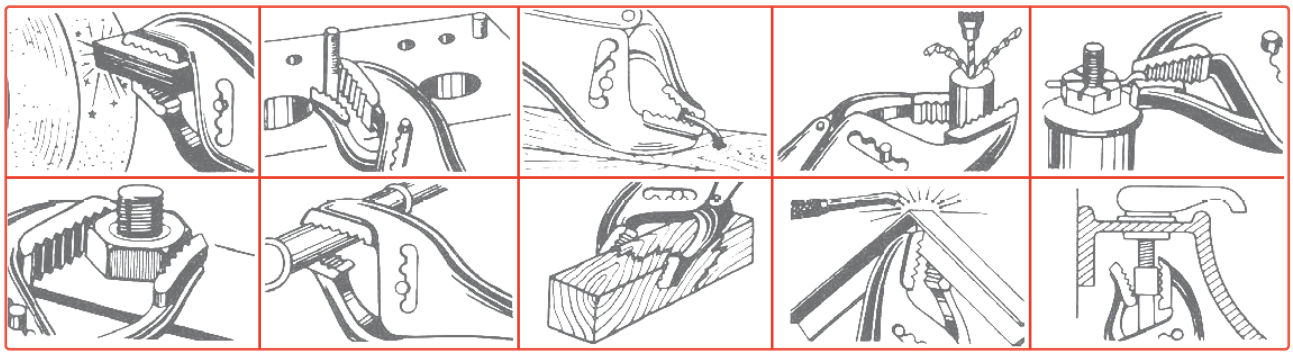
SG Pinza grip

La pinza SG ha **4 differenti posizioni di apertura,** ben individuabili sul fianco dell'utensile ed uno speciale rullino posto sul dorso dello stesso, permettono di regolare a piacimento e con una sola mano, le aperture volute e le relative pressioni.

4 stage quick adjustments *on the side and special roll adjuster on the badle, for easy and quick operation allowing the setting of the required opening and pressure.*

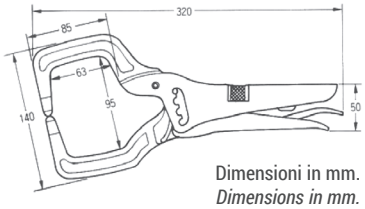


Articolo Article	Codice Code	Apertura mm Opening mm	Scartamento mm Depth mm	Peso Kg Weight Kg	
SG 225	205504	50	30	0,5	6
SG 250	202985	85	60	0,7	6

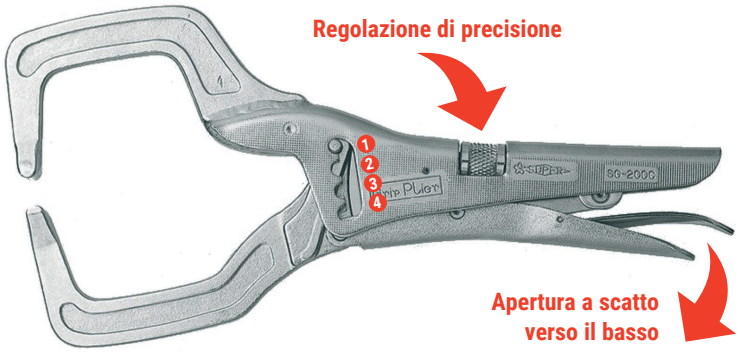


SG C Pinza grip

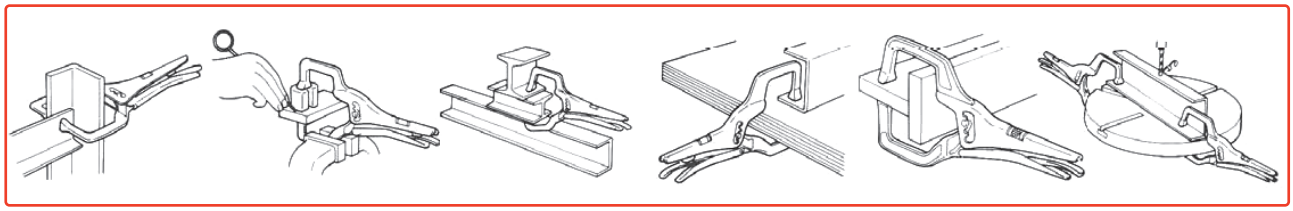
4 posizioni di apertura. **Forma a "C".**
4 stage quick adjustments. ***"C" shapes.***



Dimensioni in mm.
Dimensions in mm.



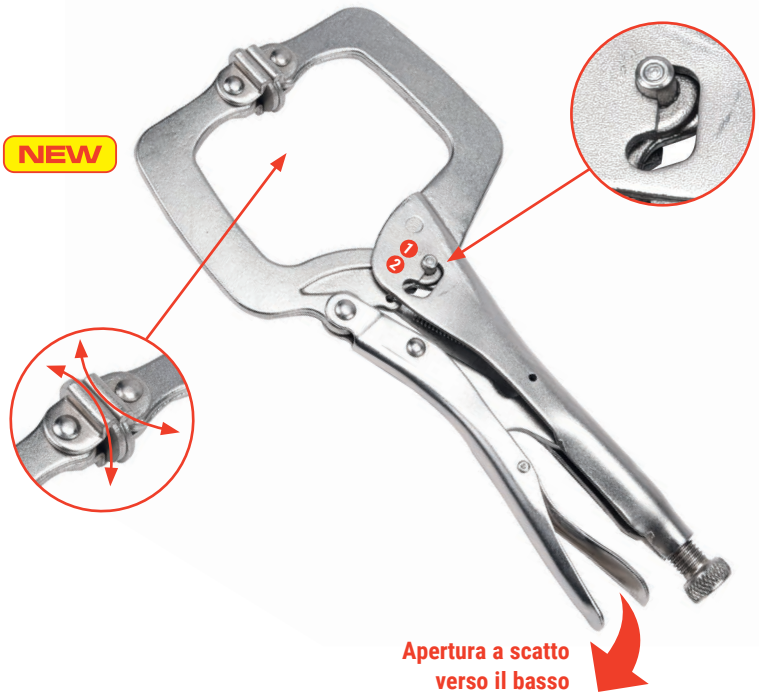
Articolo Article	Codice Code	Apertura mm Opening mm	Scartamento mm Depth mm	Peso Kg Weight Kg	
SG 200 C	187633	**150**	70	0,1	6



SG-CS Pinza grip autobloccante NEW

Testine orientabili.
Doppio scatto parallelo.
Regolazione posteriore
Apertura a scatto verso il basso

Swivel pads.
Double parallel snap.
Rear adjustament.

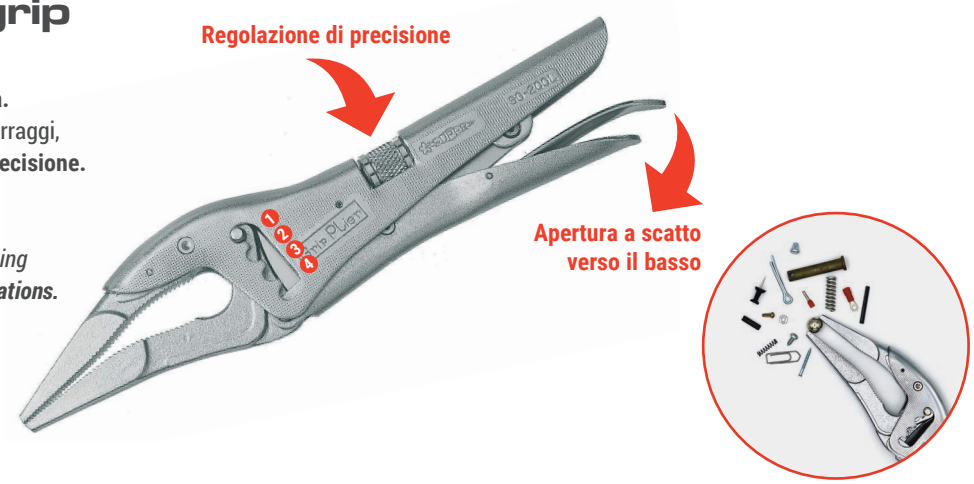


Articolo Article	Codice Code	Apertura mm Opening mm	Scartamento mm Depth mm	Peso Kg Weight Kg	
SG 200 CS	224093	125	70	0,94	4

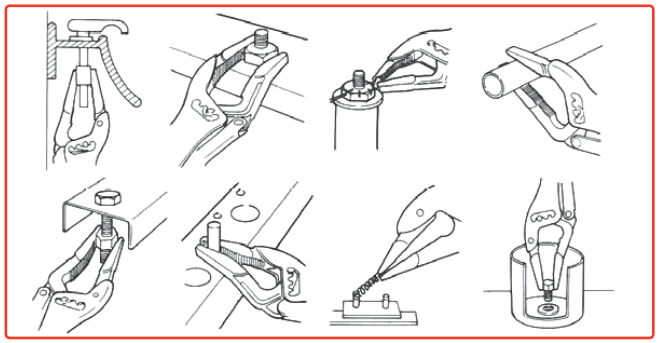
SG L Pinza grip

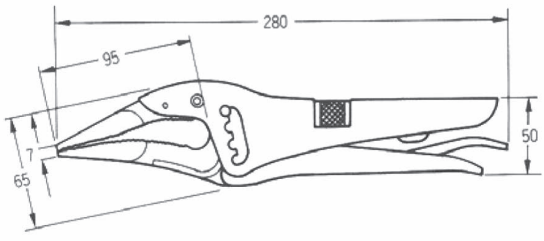
4 differenti posizioni di apertura.
Specifica forma affusolata per serraggi, manipolazioni e **lavorazioni di precisione.**

4 different nick adjustments.
*Precision tapered shape for clamping manipulation and **precision applications.***



Articolo Article	Codice Code	Apertura mm Opening mm	Scartamento mm Depth mm	Peso Kg Weight Kg	
SG 200 L	187640	75	95	0,8	6





Dimensioni in mm.
Dimensions in mm.

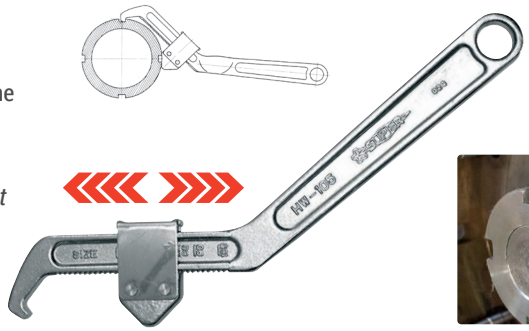
HW Chiavi a settore universale



HW 105-A

La chiave HW è dotata di un cursore che può essere posizionato a seconda della circonferenza desiderata: la regolazione viene effettuata mediante una leggera pressione del pollice, **con l'uso di una sola mano.**

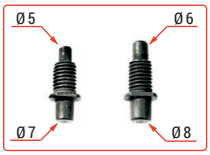
*HW spanner is provided with an adjustable jaw which can be set according to the required circumference. The opening can be adjusted by pushing on the arrow section **with your thumb.***





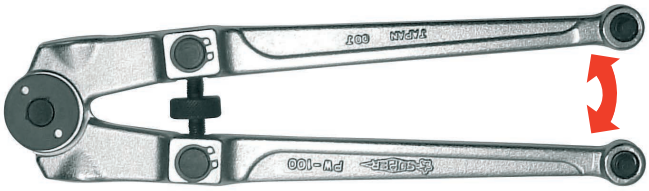
Articolo Article	Codice Code	Apertura Ø mm Opening Ø mm	Lunghezza mm Lenght mm	Peso Kg Weight Kg	
HW 105	110037	da 35 a 105	270	0,4	6
HW 165	110044	da 95 a 165	370	0,8	6
HW 105-A	222273	da 35 a 105	270	0,4	6

PW Chiave a compasso variabile



Con l'impiego di una sola chiave PW si ottengono aperture da un minimo di mm 18 ad un massimo di mm 100. In caso di necessità, escludendo l'azione della rondella zigrinata, si ottengono aperture utili oltre i mm 100. I perni situati alle due estremità sono intercambiabili rendendo così possibili ben **quattro diverse misure di presa,** esattamente per i fori da 5-6-7-8 mm.

*PW 100 allows opening from 18 mm to 100 mm. If needed, avoiding the adjustment through the knurled washer, the pitch can open larger than 100 mm. The two pins at the end of the terminals are exchangeable allowing **four different gripping sizes**: 5-6-7-8 mm.*



Articolo Article	Codice Code	Apertura mm Opening mm	Scartamento mm Depth mm	Peso Kg Weight Kg	
PW 100*	110051	da 18 a 100	250	0,6	5

* Ricambi disponibili a richiesta - *Spare parts available on request*

MFW-S Chiave universale a regolazione rapida NEW



Regolazione rapida tramite pulsante.
Ampio campo applicativo grazie all'ampio range di apertura rispetto alle chiavi regolabili standard.

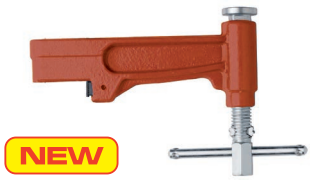
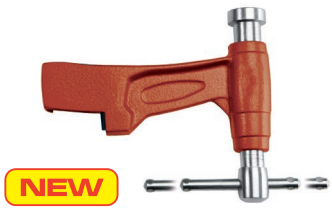
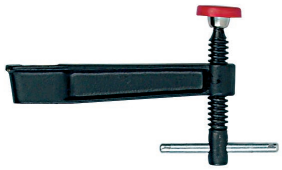
One-push quick slide mechanism.
***Wider use application** with wider mouth opening compared to a standard adjustable wrench.*

Articolo Article	Codice Code	Apertura mm Opening mm	Scartamento mm Depth mm	Lunghezza mm Lenght mm	Peso Kg Weight Kg	
MFW 280-S	110051	da 0 a 80	48	284	0,49	4

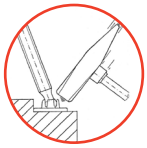
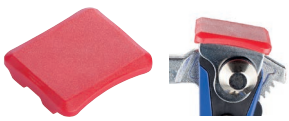
Ricambi originali

Accessorio Accessory	Codice Code		Descrizione Description		
	189637	RAPIDO	Scorrevole completo per	SR 12	1
	189644	RAPIDO	Scorrevole completo per	SR 16	1
	189651	RAPIDO	Scorrevole completo per	SR 20	1
	189668	RAPIDO	Scorrevole completo per	SR 25	1
	188524	RAPIDO	Scorrevole completo per	SR 30	1
	188531	RAPIDO	Scorrevole completo per	SR 40 - SR 50 - SR 60	1
	189675	RAPIDO	Scorrevole completo per	SR 80 - SR 100	1
	210706	LEGGERO	Scorrevole completo per	SLC 30	1
	210690	LEGGERO	Scorrevole completo per	SLC 40/60	1
	212519	LEGGERO	Scorrevole completo per	SLC 80/150	1
	212502	MEDIO	Scorrevole completo per	SMC 30	1
	210713	MEDIO	Scorrevole completo per	SMC 40/80	1
	188548	MEDIO/LEGG.	Scorrevole completo per	SML 20 - SML 25 - SML 30 SML 40 - SML 50 - SML 60	1
	188555	MEDIO	Scorrevole completo per	SM 30	1
	188562	MEDIO	Scorrevole completo per	SM 25/200	1
	188579	PESANTE	Scorrevole completo per	SP 30 - SP 40 - SP 50 - SP 60 SP 80 - SP 100 - SP 125 - SP 150	1
	189699	LEGGERO	Scorrevole completo per	SL 16	1
	189705	LEGGERO	Scorrevole completo per	SL 20	1
	189712	LEGGERO	Scorrevole completo per	SL 25	1
	189729	LEGGERO	Scorrevole completo per	SL 30	1
	188586	LEGGERO	Scorrevole completo per	SL 40 - SL 50 - SL 60	1
	188593	LEGGERO	Scorrevole completo per	SL 80 - SL 100 - SL 125 - SL 150	1
	188609	MEDIO	Scorrevole completo per	SM 30 O	1
	188616	MEDIO	Scorrevole completo per	SM 25 O - SM 50 O - SM 80 O	1
	188623	PESANTE	Scorrevole completo per	SP 30 O - SP 40 O - SP 50 O - SP 60 O SP 80 O - SP 100 O - SP 125 O - SP 150 O	1

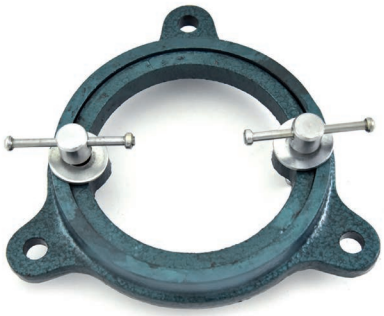
Ricambi originali

Accessorio Accessory	Codice Code	Descrizione Description		
 NEW	224024	Scorrevole completo per	**SL 20-VP / 200-VP**	1
	224021	Scorrevole completo per	**SL 250-VP / 300-VP**	1
 NEW	224055	Scorrevole completo per	**SL 20-VPP / 200-VPP**	1
	224048	Scorrevole completo per	**SL 250-VPP / 300-VPP**	1
	189736	Scorrevole completo per	**SL 10 ML**	1
	189743	Scorrevole completo per	**SL 12 ML**	1
	189750	Scorrevole completo per	**SL 16 ML**	1
	189767	Scorrevole completo per	**SL 20 ML**	1
	189774	Scorrevole completo per	**SL 25 ML**	1
	189781	Scorrevole completo per	**SL 30 ML**	1
	189798	Scorrevole completo per	**SL 40 ML - SL 50 ML - SL 60 ML**	1
	189804	Scorrevole completo per	**SL 80 ML - SL 100 ML**	1
	189866	Scorrevole completo per	**SW scartamento 50 mm**	1
	189873	Scorrevole completo per	**SW scartamento 60 mm**	1
	189880	Scorrevole completo per	**SW scartamento 80 mm**	1
	189897	Scorrevole completo per	**SW scartamento 100 mm**	1
	189903	Scorrevole completo per	**SW scartamento 120 mm**	1
	189910	Scorrevole completo per	**SW 14 S**	1
	189927	Scorrevole completo per	**SW 12 S**	1

Ricambi originali

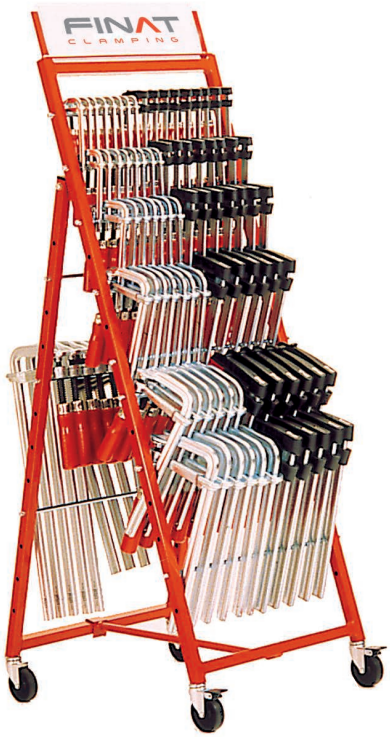
Accessorio Accessory	Codice Code	Descrizione Description		
  Da ribattere	189811	Cappuccio di pressione per	**SLML 12**	1
	189828	Cappuccio di pressione per	**SLML - SL 16**	1
	189835	Cappuccio di pressione per	**SLML - SL 20/25**	1
	189842	Cappuccio di pressione per	**SLML - SL 30/125**	1
	189859	Cappuccio di pressione per	**SM O - SP O**	1
NEW  A pressione	220330	Cappuccio di pressione **conico** per	**SLML - SL 20/25**	1
	220347	Cappuccio di pressione **conico** per	**SLML - SL 30/150**	1
	217712	Cap “Kombi Set” per	**SML**	1
	187954	Cap “Kombi Set” per	**SM - SP**	1
NEW 	221979	Cap **“Kombi Set Pro Grip”** per	**SM - SP**	1
NEW 	220323	Cap **“Kombi Set Prisma”** per tondi per	**SML**	1
	220316	Cap **“Kombi Set Prisma”** per tondi per	**SM - SP**	1
	188944	“Kombi Set” (vite + cappuccio) per vite Ø 18 mm	**SML**	1
	188975	“Kombi Set” (vite + cappuccio) per vite Ø 20 mm	**SM**	1
	188982	“Kombi Set” (vite + cappuccio) per vite Ø 22 mm	**SP**	1
NEW 	222013	Protezione in plastica (set 2 pz.) per	**SL 16**	1
	222020	Protezione in plastica (set 2 pz.) per	**SL 20**	1
	222037	Protezione in plastica (set 2 pz.) per	**SL 25**	1
	222044	Protezione in plastica (set 2 pz.) per	**SL 30/60**	1
	222051	Protezione in plastica (set 2 pz.) per	**SL 80/100**	1
NEW 	221986	Protezione in plastica per	**SR 12/16**	1
	221993	Protezione in plastica per	**SR 20/25**	1
	222006	Protezione in plastica per	**SR 30/100**	1

Accessori morse

Accessorio Accessory	Codice Code	Descrizione Description	
	211192	Base girevole per **MOI 100 / MOI 100-T**	1
	211208	Base girevole per **MOI 125 / MOI 125-T**	1
	211215	Base girevole per **MOI 150 / MOI 150-T**	1
	211864	Base girevole per **MOP 100 / MOP 100-T**	1
	211871	Base girevole per **MOP 125 / MOP 125-T**	1
	211888	Base girevole per **MOP 150 / MOP 150-T**	1
	211895	Coppia ganasce per **MOI 100 / MOI 100-T**	1 coppia
	211901	Coppia ganasce per **MOI 125 / MOI 125-T**	1 coppia
	211918	Coppia ganasce per **MOI 150 / MOI 150-T**	1 coppia
	211925	Coppia ganasce per **MOP 100 / MOP 100-T**	1 coppia
	211932	Coppia ganasce per **MOP 125 / MOP 125-T**	1 coppia
	211949	Coppia ganasce per **MOP 150 / MOP 150-T**	1 coppia
	211222	Coppia protezioni per ganasce da **100**	1 coppia
	211239	Coppia protezioni per ganasce da **125**	1 coppia
	211246	Coppia protezioni per ganasce da **150**	1 coppia
	211253	∅ 12 mm. Leva di manovra per morsa da **100**	1
	211758	∅ 13 mm. Leva di manovra per morsa da **125**	1
	211765	∅ 13 mm. Leva di manovra per morsa da **150**	1

CR Espositore strettoi

Modelli e quantità personalizzabili.
Customizable models and quantities.



Articolo Article	Codice Code	Larghezza mm Width mm	Profondità mm Depth mm	Altezza mm Height mm
CR	193191	500	600	1500

CM Espositore morse da banco NEW

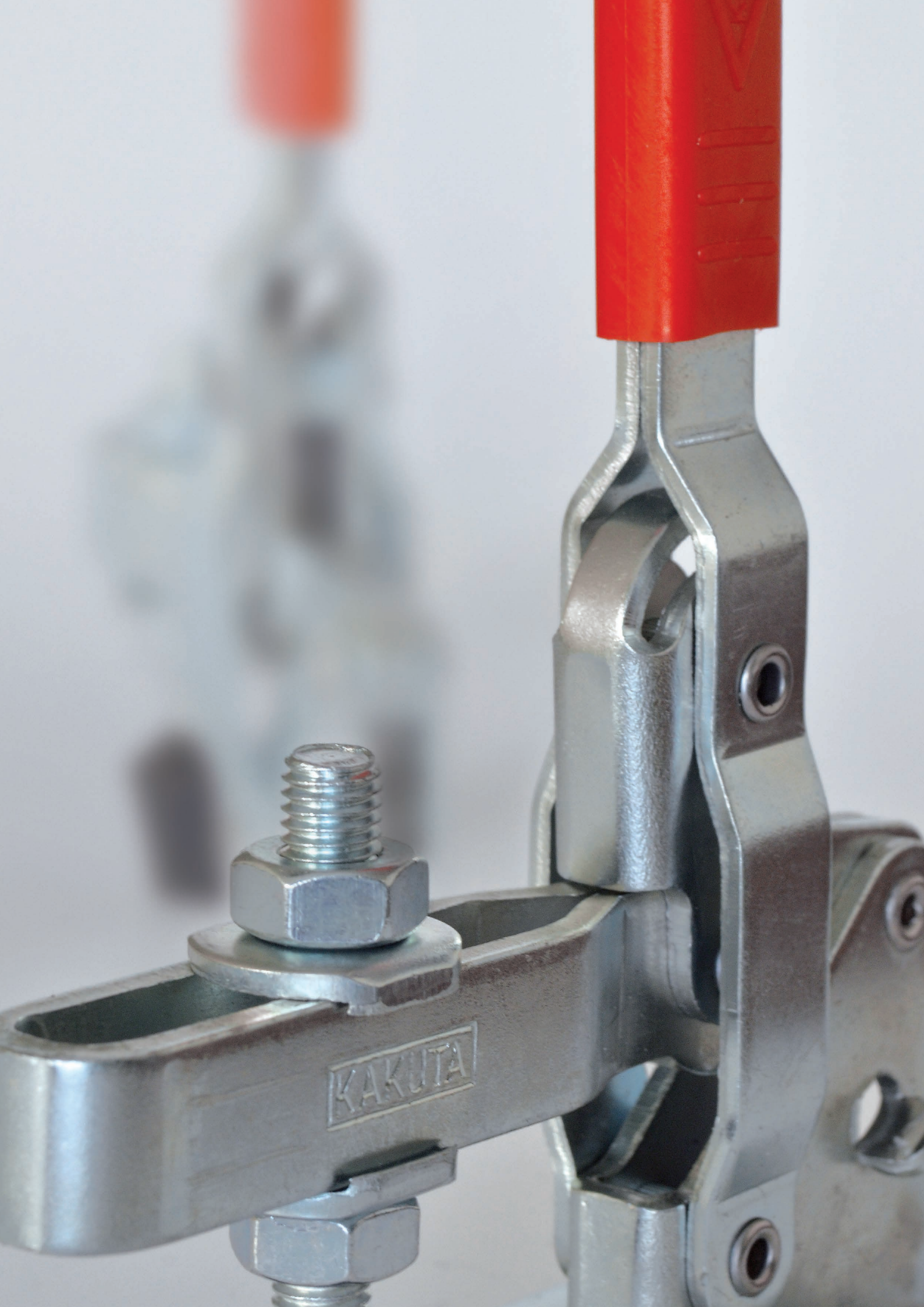
Modelli e quantità personalizzabili.
Customizable models and quantities.



Articolo Article	Codice Code	Larghezza mm Width mm	Profondità mm Depth mm	Altezza mm Height mm
CM	215794	350	300	1860


FINAT
CLAMPING
FINAT
STEL
Nothing but HEAVY DUTY.




KAKUTA



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QUICK CLAMPING



SERIE ORIZZONTALE
pag. 6b



SERIE VERTICALE
pag. 17b



SERIE VERTICALE/ORIZZONTALE
pag. 39b



SERIE A TIRANTE
pag. 40b



SERIE CON ASTA A SPINTA
pag. 47b



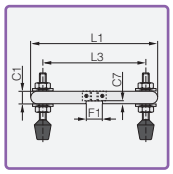
PINZE AUTOBLOCCANTI
pag. 58b



SERIE COMPONIBILE "VARI CLAMP"
pag. 62b



SERIE PNEUMATICA
pag. 64b



ACCESSORI
pag. 69b

TABELLA COMPARATIVA
pag. 71b

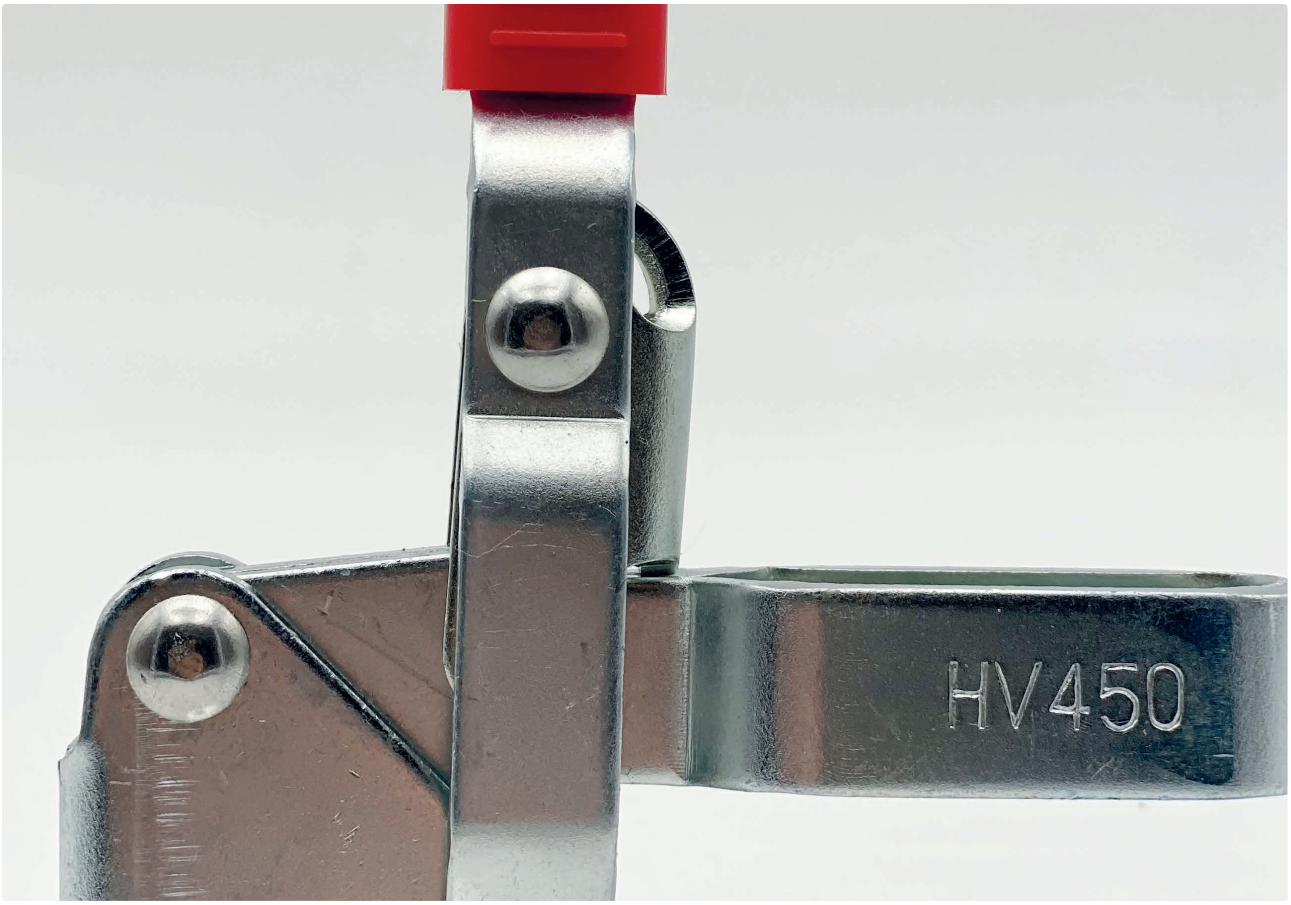
Articolo Article	Pagina Page
02	55b
38 B (Small)	14b
38 S (Small)	14b
38 B (Large)	14b
38 S (Large)	14b
42 A (42 A-2S INOX)	27b
42 K (42 K-2S INOX)	27b
42 P	27b
42 S	27b
51	55b
82	15b
82-S	15b
AC 82	64b
AC 82-S	64b
AC 82 SWT	64b
AC 82-S SWT	64b
AC 100-SL	68b
AC 100-SL SWT	68b
AC 250	65b
AC 250 SWT	65b
AC 350	65b
AC 350 SWT	65b
AC 350-SL	68b
AC 350-SL SWT	68b
AC 353-L	65b
AC 353-L SWT	65b
AC 450	66b
AC 450 SWT	66b
AC 453-L	66b
AC 453-L SWT	66b
AC 550	66b
AC 550 SWT	66b
AC 650	67b
AC 650 SWT	67b
FA 100 (FA 100-2S INOX)	42b
FA 102 (FA 102-2S INOX)	42b
FA 130 (FA 130-2S INOX)	44b
FA 140 (FA 140-2S INOX)	44b
FA 200 (FA 200-2S INOX)	42b
FA 200-RL	43b
FA 202 (FA 202-2S INOX)	42b
FA 230 (FA 230-2S INOX)	44b
FA 240 (FA 240-2S NOX)	44b
FA 300 (FA 300-2S INOX)	42b
FA 300-RL	43b
FA 302	42b
FA 330 (FA 330-2S INOX)	44b
FA 340 (FA 340-2S INOX)	44b
FA 600	45b
FA 601-B	45b
FA 700	46b
FM 50 (FM 50-2S INOX)	57b
FM 150 (FM 150-2S INOX)	57b
FM 150-1 (FM 150-1-2S INOX)	57b

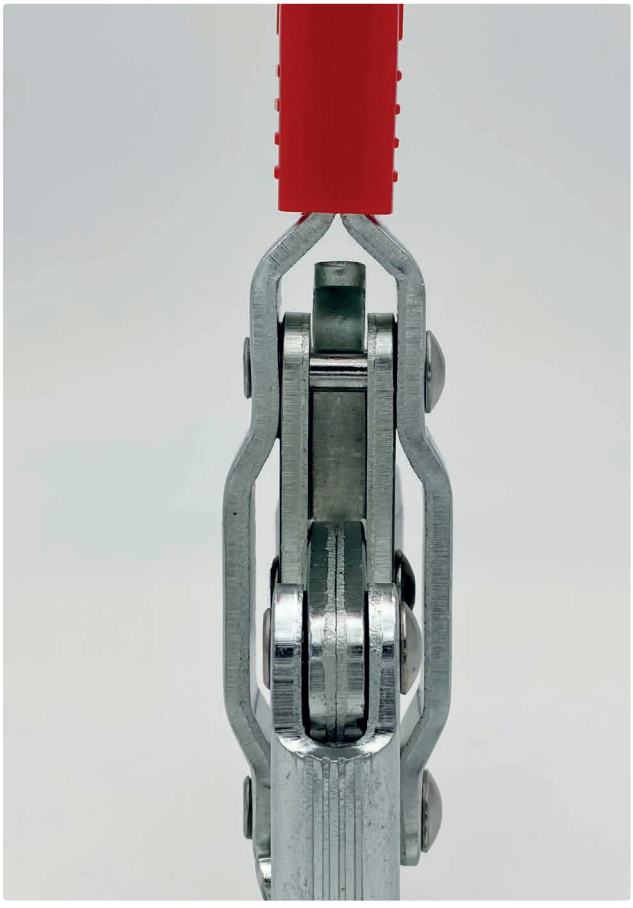
Articolo Article	Pagina Page
FM 250	57b
HH 150 (HH 150-2S INOX)	6b
HH 151-B (HH 151-B-2S INOX)	6b
HH 154-LE	6b
HH 155-R	6b
HH 250 (HH 250-2S INOX)	7b
HH 251-B (HH 251-B-2S INOX)	7b
HH 254-LE	7b
HH 255-R	7b
HH 300 (HH 300-2S INOX)	9b
HH 300-L	10b
HH 301-B (HH 301-B-2S INOX)	9b
HH 301-BL	10b
HH 350 (HH 350-2S INOX)	11b
HH 350-S	11b
HH 351-B (HH 351-B-2S INOX)	11b
HH 351-SB	11b
HH 400 (HH 400-2S INOX)	9b
HH 400-L	10b
HH 401-B (HH 401-B-2S INOX)	9b
HH 401-BL	10b
HH 450 (HH 450-2S INOX)	12b
HH 451-B (HH 451-B-2S INOX)	12b
HH 500 (HH 500-2S INOX)	9b
HH 500-L	10b
HH 501-B (HH 501-B-2S INOX)	9b
HH 501-BL	10b
HH 550	13b
HH 551-B	13b
HH 551-BN	13b
HH 600	9b
HH 601-B	9b
HV 150 (HV 150-2S INOX)	17b
HV 151-B (HV 151-B-2S INOX)	17b
HV 151-BT	17b
HV 152-T	17b
HV 153-XL	17b
HV 200 (HV 200-2S INOX)	18b
HV 200-RL	19b
HV 250 (HV 250-2S INOX)	20b
HV 250-U (HV 250-U-2S INOX)	22b
HV 250-U1 (HV 250-U1-2S INOX)	23b
HV 251-UB1	23b
HV 251-UBL	24b
HV 250-L	24b
HV 250-UF	23b
HV 251-B (HV 251-B-2S INOX)	20b
HV 251-BT	20b
HV 251-UB	22b
HV 251-UBT	22b
HV 252-T	20b
HV 252-UT	22b
HV 253-UL (HV 253-UL-2S INOX)	22b
HV 260 (HV 260-2S INOX)	25b

Articolo / Article		Pagina / Page
HV 260-S	(HV 260-S-2S INOX)	25b
HV 261-B	(HV 261-B-2S INOX)	25b
HV 261-SB	(HV 261-SB-2S INOX)	25b
HV 270	(HV 270-2S INOX)	26b
HV 280		26b
HV 300	(HV 300-2S INOX)	18b
HV 300-RL		19b
HV 310	(HV 310-2S INOX)	28b
HV 310-S	(HV 310-S-2S INOX)	28b
HV 311-B	(HV 311-B-2S INOX)	28b
HV 311-SB	(HV 311-SB-2S INOX)	28b
HV 350		29b
HV 351-B		29b
HV 351-BT		29b
HV 351-BL		29b
HV 351-BTL		29b
HV 352-T		29b
HV 352-TL		29b
HV 353-L		29b
HV 400	(HV 400-2S INOX)	18b
HV 400-RL		19b
HV 450	(HV 450-2S INOX)	31b
HV 450-F		32b
HV 450-L		33b
HV 451-B	(HV 451-B-2S INOX)	32b
HV 451-BT		32b
HV 451-BL		32b
HV 451-BTL		32b
HV 451-UBL		33b
HV 452-T		31b
HV 452-TL		31b
HV 453-L		31b
HV 453-XL		31b
HV 470	(HV 470-2S INOX)	34b
HV 470-S		34b
HV 471-B		34b
HV 471-SB		34b
HV 510		37b
HV 510-S		37b
HV 511-B		37b
HV 511-SB		37b
HV 550		35b
HV 551-B		35b
HV 551-BT		35b
HV 552-T		35b
HV 650		36b
HV 651-B		36b
HV 651-BT		36b
HV 652-T		36b
HV 750		38b
HV 751-B		38b
HV 850		38b
HV 851-B		38b
HV 950		38b

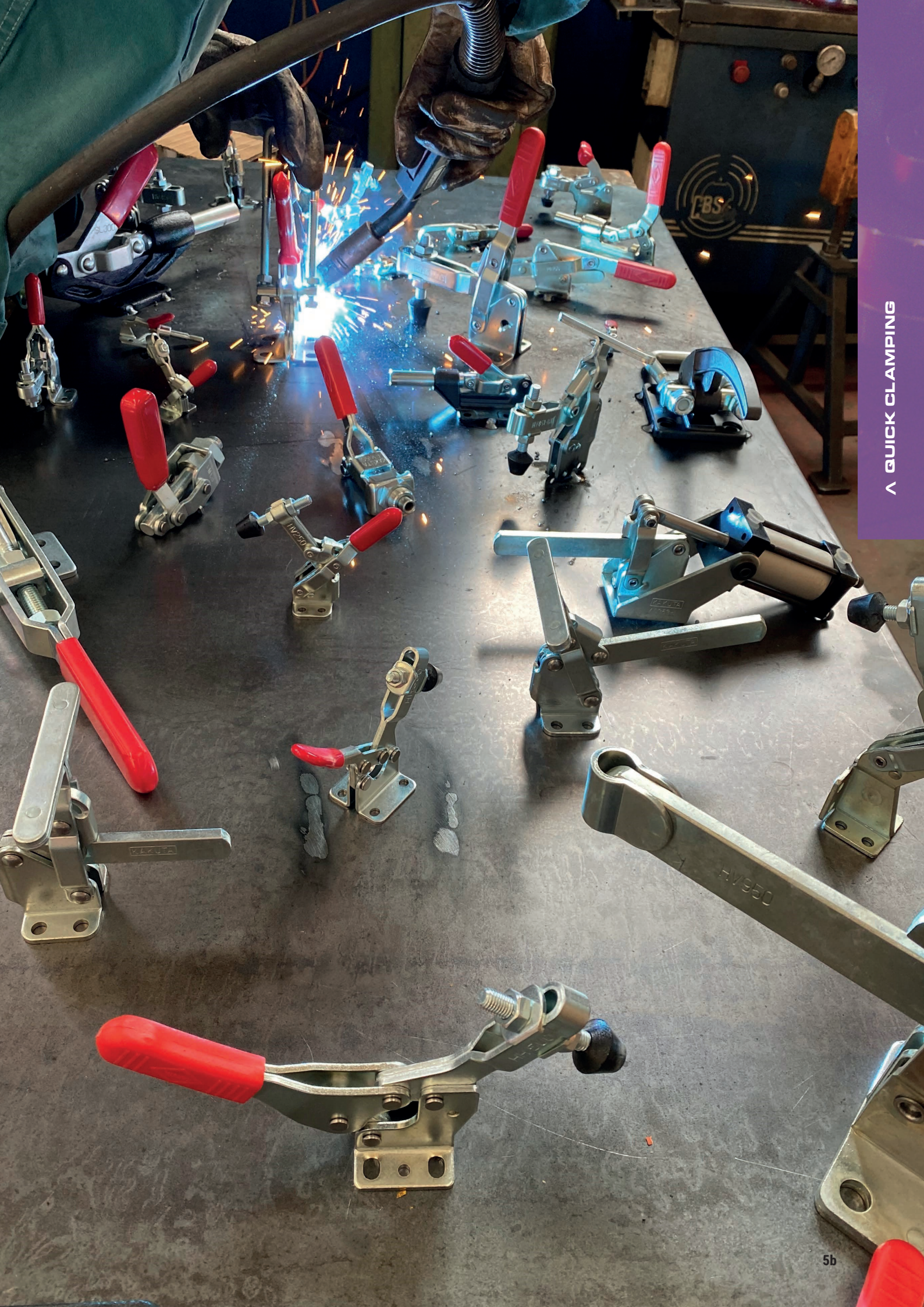
Articolo / Article		Pagina / Page
HV 951-B		38b
HV 1050		38b
HV 1051-B		38b
PA 50	(PA 50-2S INOX)	40b
PA 150	(PA 150-2S INOX)	40b
PA 170		40b
PA 250	(PA 250-2S INOX)	40b
PA 251-B	(PA 251-B-2S INOX)	40b
PA 270	(PA 270-2S INOX)	40b
PA 350		40b
SA 2		58b
SA 150		58b
SA 155-2		58b
SA 250		59b
SA 255-2		59b
SA 350		60b
SA 450		60b
SA 455-2		60b
SA 550		61b
SF 350		39b
SL 07		47b
SL 10	(SL 10-2S INOX)	47b
SL 15-2	(SL 15-2-2S INOX)	47b
SL 70	(SL 70-2S INOX)	49b
SL 70-LR		48b
SL 70-RR		48b
SL 100		49b
SL 105-2	(SL 150-2-2S INOX)	50b
SL 110		50b
SL 111-B		50b
SL 150		51b
SL 160		51b
SL 200		49b
SL 210		53b
SL 240		53b
SL 241-B		53b
SL 250		54b
SL 251-B		54b
SL 300		49b
SL 310		54b
SL 350		54b
SL 450		54b
UF 450		39b
VARI 1X		62b
VARI 2X		62b
VARI 3X		62b
VARI 1X-B		63b
VARI 2X-B		63b
VARI 3X-B		63b
ACCESSORI		71b
TABELLA COMPARATIVA		73b

* nuovo NEW


HV450






HV-950

HH 150

Ideale per materiali delicati e pressioni limitate.
Tutti i rivetti sono in acciaio inox.
Fornito completo di puntale in nylon.

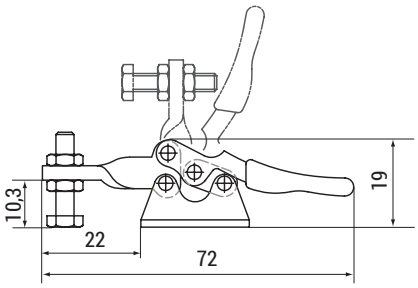
Ideal for lightweight material and light work.
All rivets are made of stainless steel.
Supplied with nylon threaded bolt.

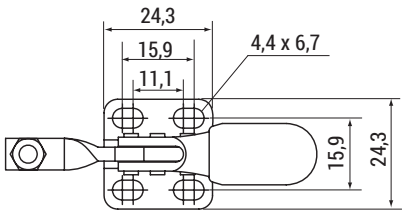
Rotazione leva: 70°
Handle moves: 70°



HH 150 — HH 150-2S INOX

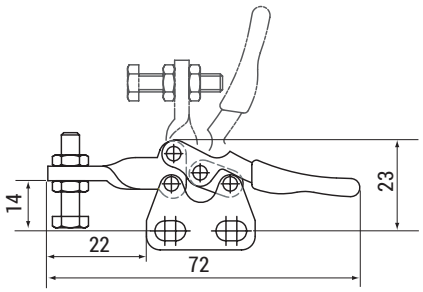
Base orizzontale
Horizontal base





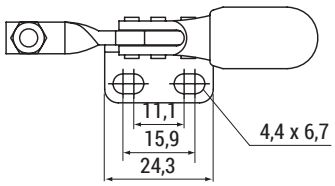
HH 151-B — HH 151-B-2S INOX

Base verticale
Vertical base



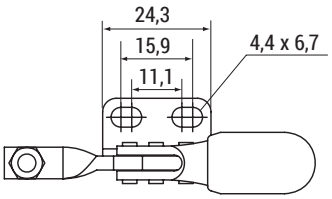
HH 154-LE

Mezza base sinistra
Half base - left



HH 155-R

Mezza base destra
Half base - right



Caratteristiche Specifications	Articolo Article	Codice Code	INOX	Codice Code	Portata Kg Capacity Kg	Peso g Weight g	
Base orizzontale / *Horizontal base*	HH 150	148467	HH 150-2S	193351	27	27	10
Base verticale / *Straight base*	HH 151-B	147804	HH 151-B-2S	210959	27	27	10
Mezza base sinistra / *Half base - left*	HH 154-LE	159463			27	27	10
Mezza base destra / *Half base - right*	HH 155-R	194921			27	27	10

HH 250

Rotazione leva: 70°
Handle moves: 70°

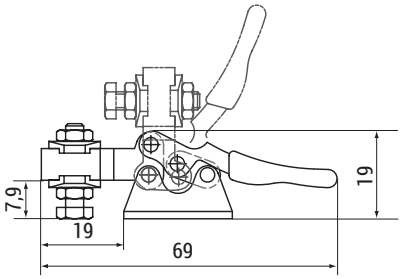
Ideale per materiali delicati e pressioni limitate.
Tutti i rivetti sono in acciaio inox.
Fornito completo di puntale in nylon.
Barra chiusa.

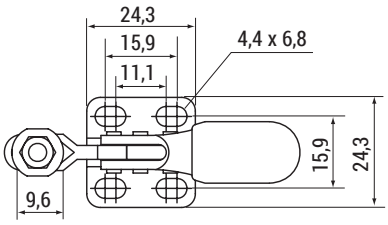
Ideal for lightweight material and light work.
All rivets are made of stainless steel.
Supplied with nylon threaded bolt.
Close clamping bar.



HH 250 — HH 250-2S INOX

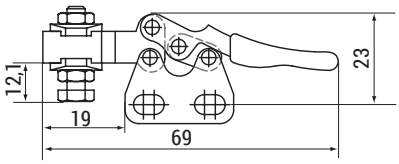
Base orizzontale
Horizontal base





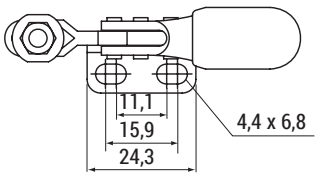
HH 251-B — HH 251-B-2S INOX

Base verticale
Vertical base



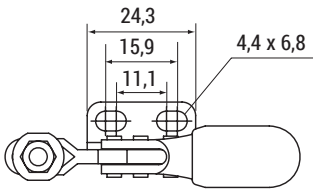
HH 254-LE

Mezza base sinistra
Half base - left

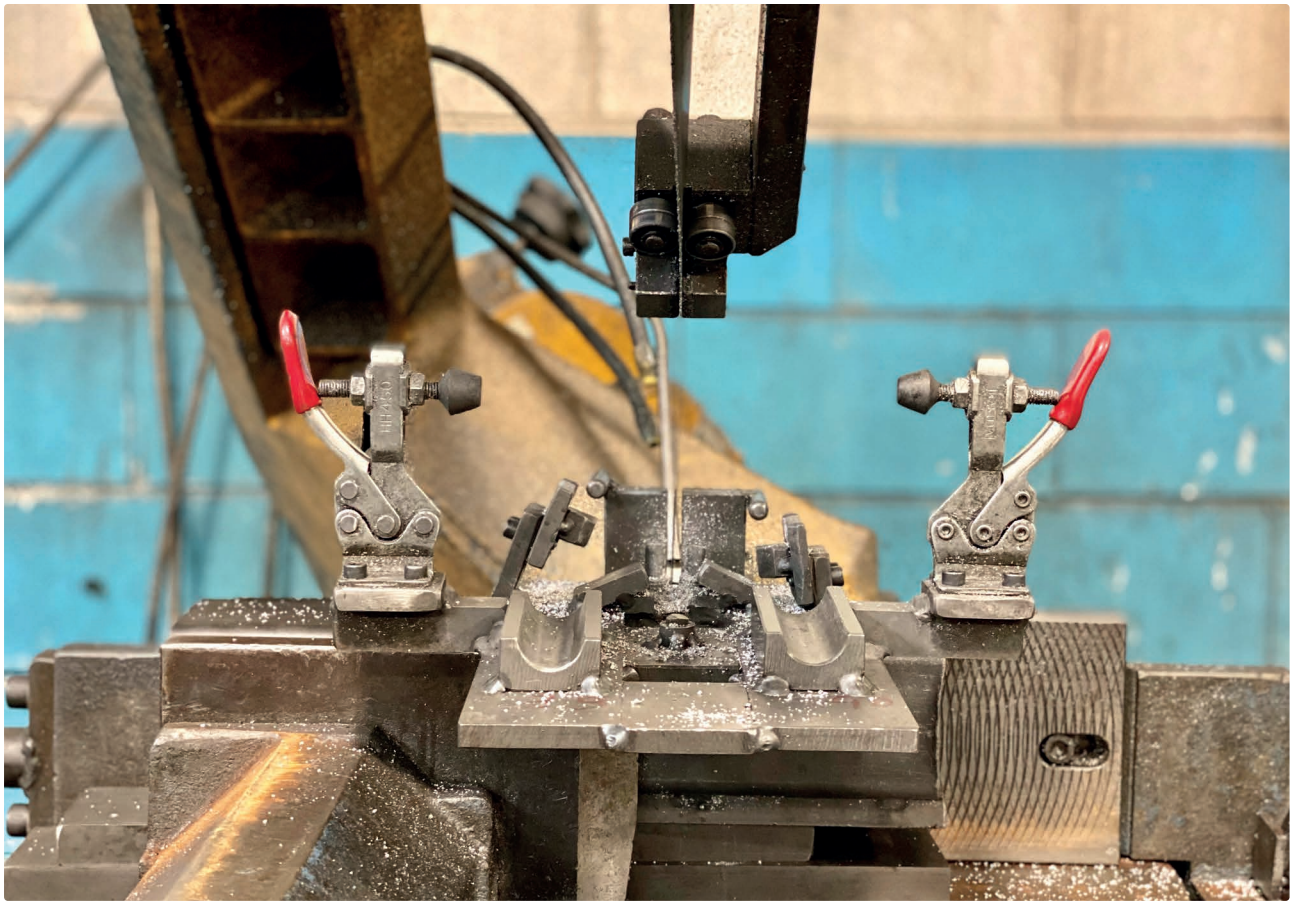


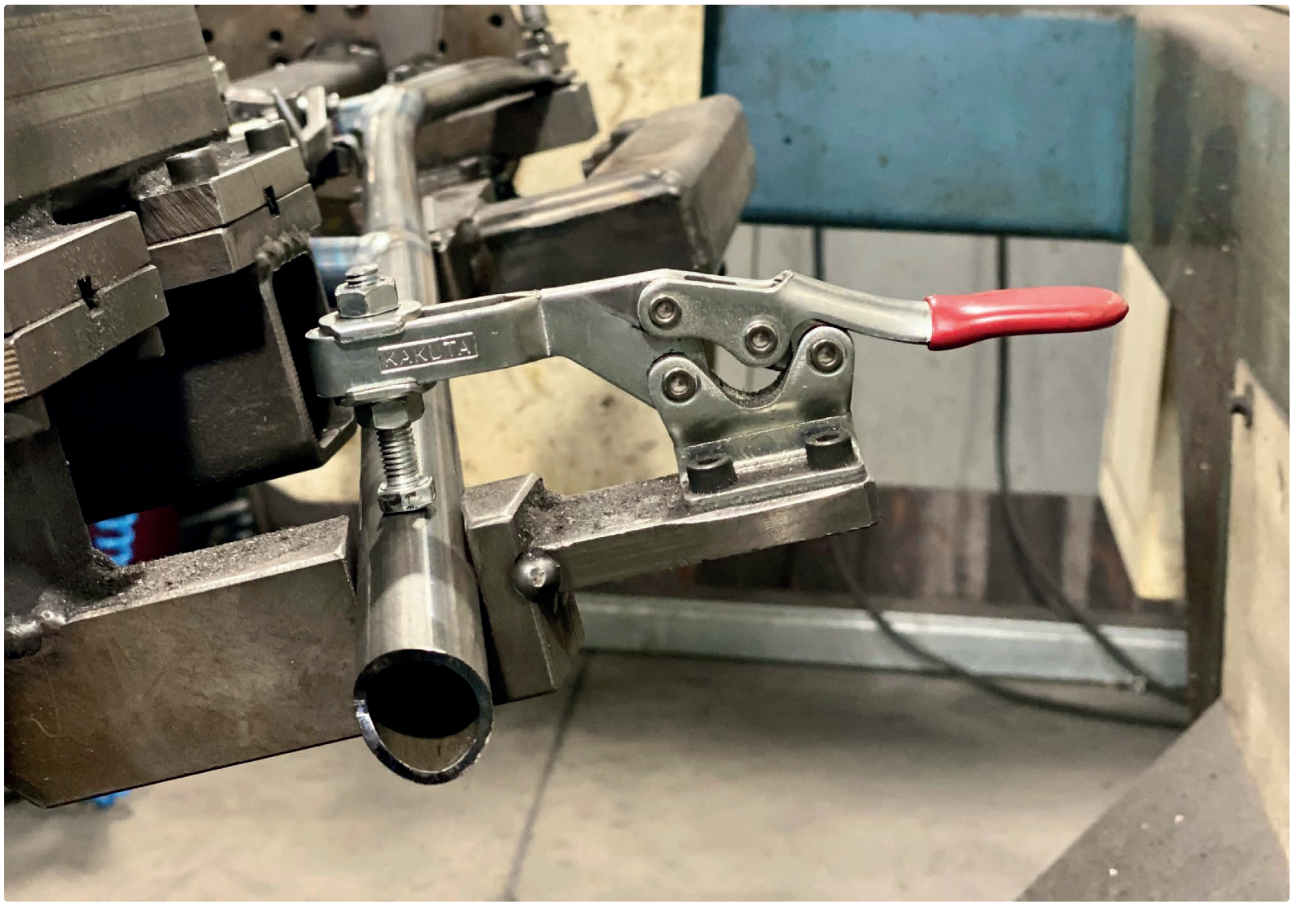
HH 255-R

Mezza base destra
Half base - right



Caratteristiche Specifications	Articolo Article	Codice Code	INOX	Codice Code	Portata Kg Capacity Kg	Peso g Weight g	
Base orizzontale / *Horizontal base*	HH 250	148474	HH 250-2S	193368	27	27	10
Base verticale / *Straight base*	HH 251-B	148481	HH 251-B-2S	210966	27	27	10
Mezza base sinistra / *Half base - left*	HH 254-LE	159470			27	27	10
Mezza base destra / *Half base - right*	HH 255-R	194938			27	27	10



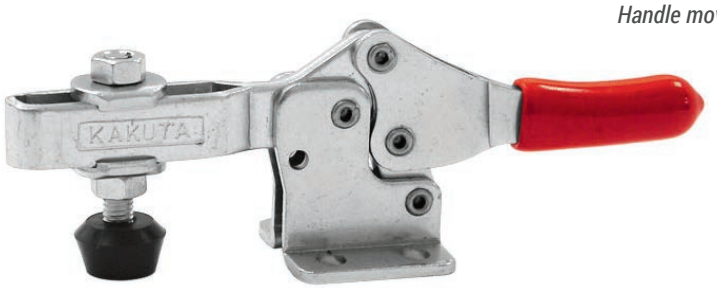

KAKUTA

HH 300 HH 400 HH 500 HH 600

Rotazione leva: 70°
Handle moves: 70°

Fornito completo di puntale in neoprene.
Tutti i rivetti sono in acciaio inox.
Barra chiusa.

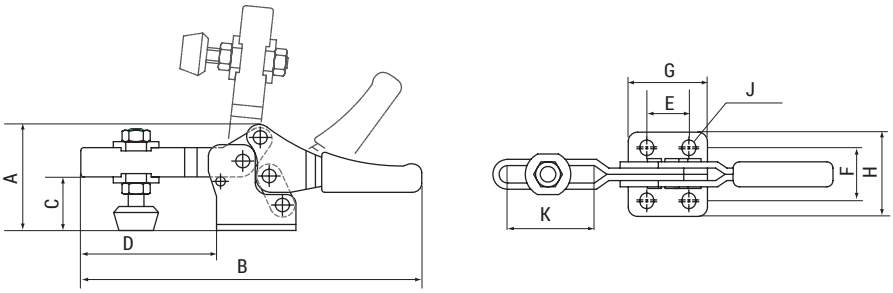
Supplied with neoprene tipped adjustable threaded spindle.
All rivets are made of stainless steel.
Close clamping bar.



HH 300 / HH 400 / HH 500 / HH 600

HH 300-2S / HH 400-2S / HH 500-2S INOX

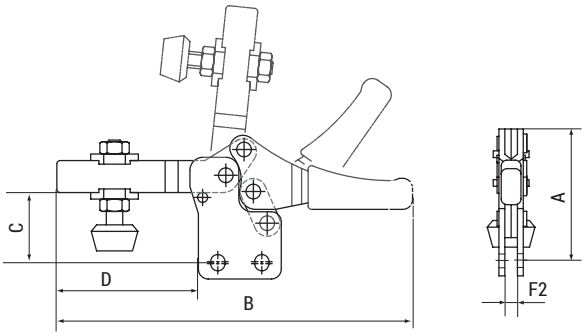
Base orizzontale
Horizontal base



HH 301-B / HH 401-B / HH 501-B / HH 601-B

HH 300-2S / HH 400-2S / HH 500-2S INOX

Base verticale
Vertical base



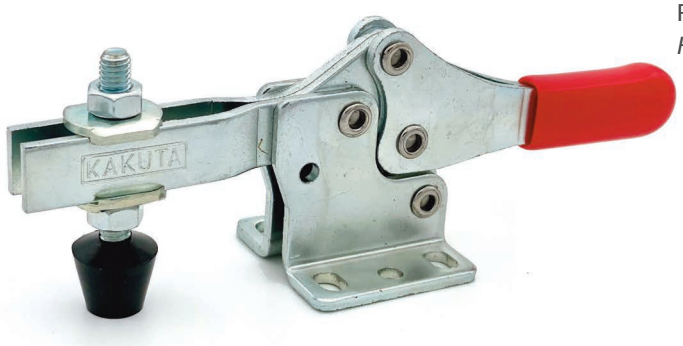
Articolo Article	Cod. Code	INOX	Cod. Code	Portata kg Capacity kg	A	B	C	D	E	F	F2	G	H	J	K	Peso g Weight g	
HH 300	159487	**HH 300-2S**	193375	68	35,5	111	18,5	43,4	13,5	17,6	--	25,4	27	4,4 x 5,2	27,5	80	10
HH 301-B	178686	**HH 301-B-2S**	193399	68	38,5	111	21,2	43,4	13,5	--	4	25,4	--	4,4 x 5,2	27,5	80	10
HH 400	159494	**HH 400-2S**	187084	90	49,4	160,5	24	61,8	26	28	--	37,4	38,6	5,5 x 8,5	40	205	10
HH 401-B	178693	**HH 401-B-2S**	210973	90	55,4	160,5	30	61,8	26	--	5,2	37,4	--	5,5 x 8,5	40	205	10
HH 500	159500	**HH 500-2S**	193382	227	61,8	195	34	67,3	26	31	--	40	43,6	6,6 x 9,1	33	322	10
HH 501-B	178709	**HH 501-B-2S**	211000	227	66,8	195	39	67,3	26	--	6,4	40	--	6,6 x 9,1	33	322	10
HH 600	179393			340	80,8	270	44,5	103	41	43	--	57	58	8 x 10	70	725	10
HH 601-B	179409			340	89,5	270	53,5	103	41	--	8	57	--	8 x 10	70	725	10

HH 300-L HH 400-L HH 500-L NEW

Rotazione leva: 70°
Handle moves: 70°

Fornito completo di puntale in neoprene.
Tutti i rivetti sono in acciaio inox.
Barra aperta.

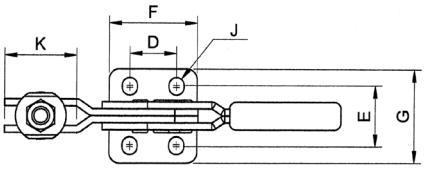
Supplied with neoprene tipped adjustable threaded spindle.
All rivets are made of stainless steel.
Open clamping bar.

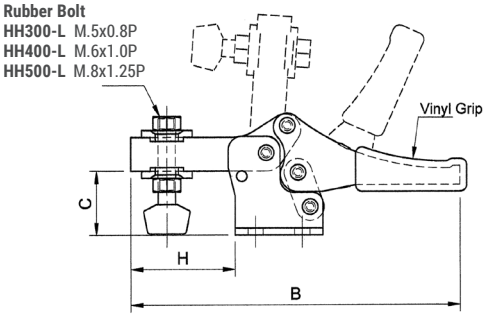


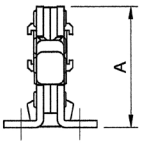
HH 300-L / HH 400-L / HH 500-L

HH 300-L-2S / HH 400-L-2S / HH 500-L-2S INOX

Base orizzontale
Horizontal base



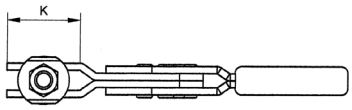


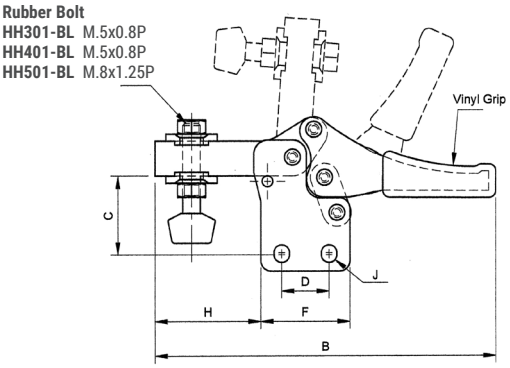


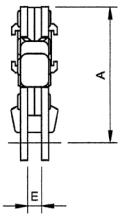
HH 301 - BL / HH 401 - BL / HH 501 - BL

HH 301-BL-2S / HH 401-BL-2S / HH 501-BL-2S INOX

Base verticale
Vertical base







Articolo Article	Codice Code	INOX	Codice Code	Portata kg Capacity kg	A	B	C	D	E	F	F2	H	J	K	Peso g Weight	
HH 300-L	224154	HH 300-L-2S	224260	68	35.5	97.0	18.5	13.5	17.6	25.4	27.0	30.0	4.4 x 5.2	20.7	75	10
HH 301-BL	224161	HH 301-BL-2S	224277	68	38.5	97.0	21.2	13.5	4.0	25.4	-	30.0	4.4 x 5.2	20.7	75	10
HH 400-L	224178	HH 400-L-2S	224291	90	49.4	154.3	24.0	26.0	28.0	37.4	38.6	54.7	5.5 x 8.5	39.3	195	10
HH 401-BL	224185	HH 401-BL-2S	224284	90	49.4	154.3	30.0	26.0	5.2	37.4	-	54.7	5.5 x 8.5	39.3	195	10
HH 500-L	224192	HH 500-L-2S	224307	227	61.8	184.2	34.0	26.0	31.0	40.0	43.6	61.46	6.6 x 9.1	34.6	307	10
HH 501-BL	224208	HH 501-BL-2S	224314	227	66.8	184.2	39	26.0	6.4	40.0	-	61.46	6.6 x 9.1	34.6	307	10

HH 350

Fornito completo di puntale in neoprene.
Tutti i rivetti sono in acciaio inox.

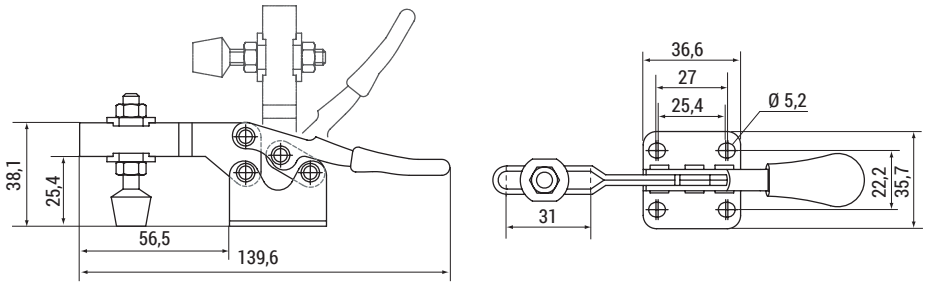
Supplied with neoprene tipped adjustable threaded spindle.
All rivets are made of stainless steel.



Rotazione leva: 60°
Handle moves: 60°

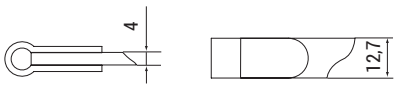
HH 350 | HH 350-2S INOX

Base orizzontale - Barra chiusa
Horizontal base - Close clamping bar



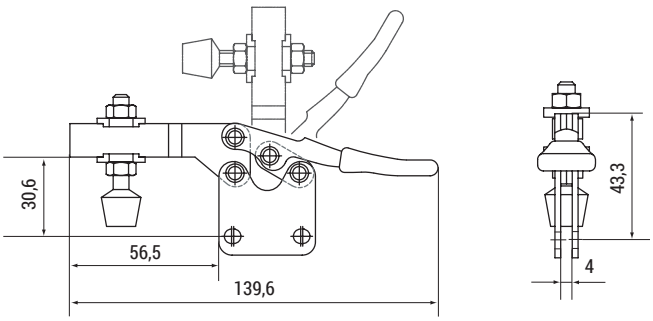
HH 350-S

Barra piena / *Solid bar*



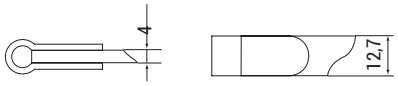
HH 351-B | HH 351-B-2S INOX

Base verticale - Barra chiusa
Straight base - Close clamping bar



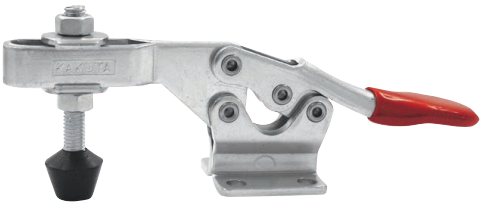
HH 351-SB

Barra piena / *Solid bar*



Caratteristiche Specifications	Articolo Article	Codice Code	INOX	Codice Code	Portata Kg Capacity Kg	Peso g Weight g	
Base orizzontale / *Horizontal base*	HH 350	148498	HH 350-2S	193405	90	125	10
Base verticale / *Straight base*	HH 351-B	148504	HH 351-B-2S	193412	90	125	10
B.orizz.-Barra piena / *Horizontal-Solid bar*	HH 350-S	179454			90	125	10
Vert.-Barra piena / *Straight-Solid bar*	HH 351-SB	179461			90	125	10

HH 450



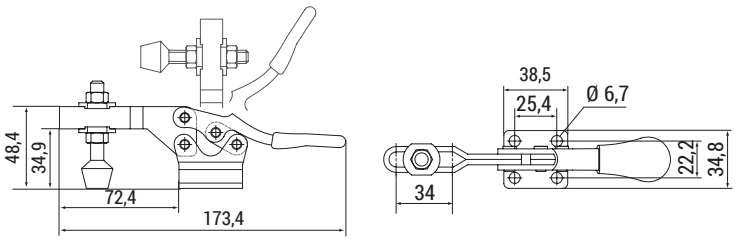
Fornito completo di puntale in neoprene.
Tutti i rivetti sono in acciaio inox.
Barra chiusa.

Supplied with neoprene tipped adjustable threaded spindle.
All rivets are made of stainless steel.
Close clamping bar.

Rotazione leva: 65°
Handle moves: 65°

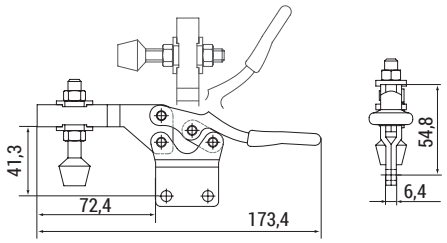
HH 450 | **HH 450-2S INOX**

Base orizzontale
Horizontal base



HH 451-B | **HH 451-B-2S INOX**

Base orizzontale
Horizontal base



Caratteristiche Specifications	Articolo Article	Codice Code	INOX	Codice Code	Portata Kg Capacity Kg	Peso g Weight g	
Base orizzontale / ***Horizontal base***	**HH 450**	148511	**HH 450-2S**	210980	240	274	10
Base verticale / ***Straight base***	**HH 451-B**	148528	**HH 451-B-2S**	210997	240	274	10





HH 550



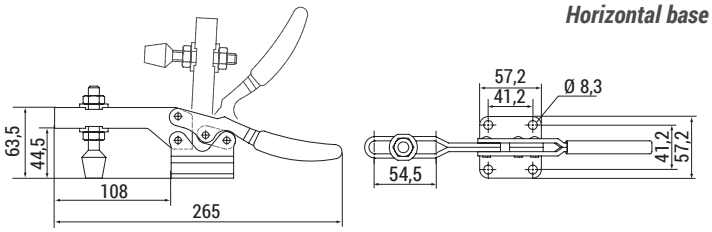
Fornito completo di puntale in neoprene.
Tutti i rivetti sono in acciaio inox.
Barra chiusa.

Supplied with neoprene tipped adjustable threaded spindle.
All rivets are made of stainless steel.
Close clamping bar.

Rotazione leva: 65°
Handle moves: 65°

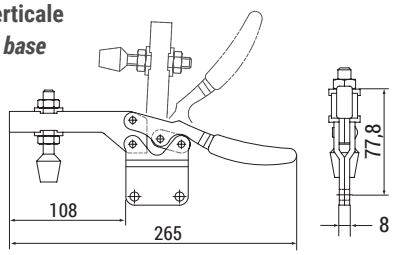
HH 550

Base orizzontale
Horizontal base



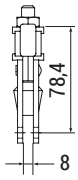
HH 551-B

Base verticale
Vertical base



HH 551-BN

Base verticale
Vertical base



Caratteristiche Specifications	Articolo Article	Codice Code	Portata Kg Capacity Kg	Peso g Weight g	
Base orizzontale / *Horizontal base*	**HH 550**	148535	340	686	10
Base verticale / *Straight base*	**HH 551-B**	148542	340	686	10
Base verticale / *Straight base*	**HH 551-BN**	194945	340	686	10

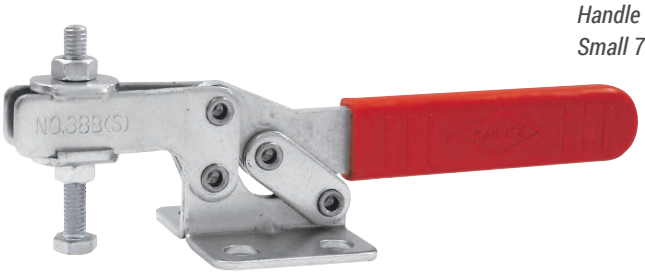
38 B • 38 S

Rotazione leva:
Small 70°, Large 80°

Handle moves:
Small 70°, Large 80°

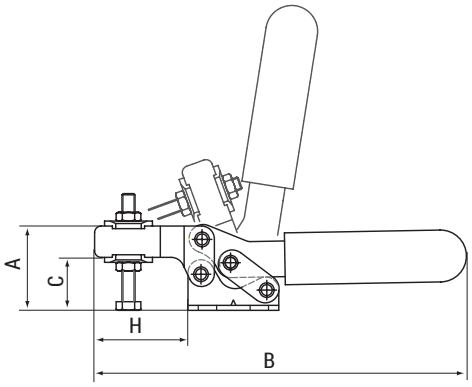
Fornito completo di puntale zincato a testa esagonale e due rondelle piegate.
Tutti i rivetti sono in acciaio inox.
Disponibile nelle misure small (S) e large (L).
Barra aperta.

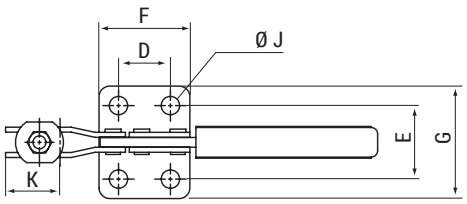
Supplied with hex head spindle assembly and two flanged washers.
All rivets are made of stainless steel.
Available in two sizes, small (S) and large (L).
Open clamping bar.



38 B (Small) 38 B (Large)

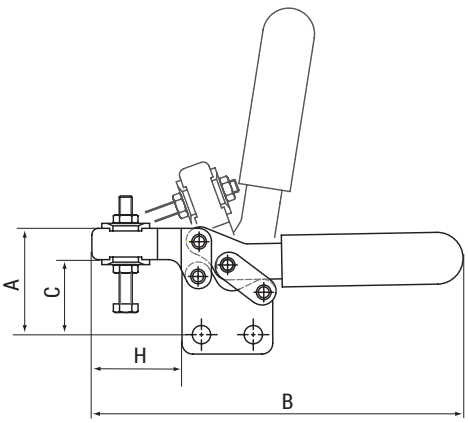
Base orizzontale
Horizontal base

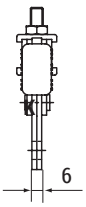




38 S (Small) 38 S (Large)

Base verticale
Vertical base





Articolo Article	Codice Code	Portata kg Capacity kg	A	B	C	D	E	F	G	H	J	K	Peso g Weight g	
38 B (S)	179225	250	39,2	170,9	24	24	34	42	52	43,2	8,5	25,4	200	10
38 S (S)	195119	250	53,2	170,9	38	24	4,6	42	–	43,2	8,5	25,4	200	10
38 B (L)	192217	280	57,9	238,9	37	30	37	57	57	85	10,5	55	490	10
38 S (L)	195126	280	71,6	238,9	50	30	6,4	57	–	85	10,5	55	490	10

82 • 82 S

Fornito completo di puntale in neoprene.
Tutti i rivetti sono in acciaio inox.
Doppia base di fissaggio.

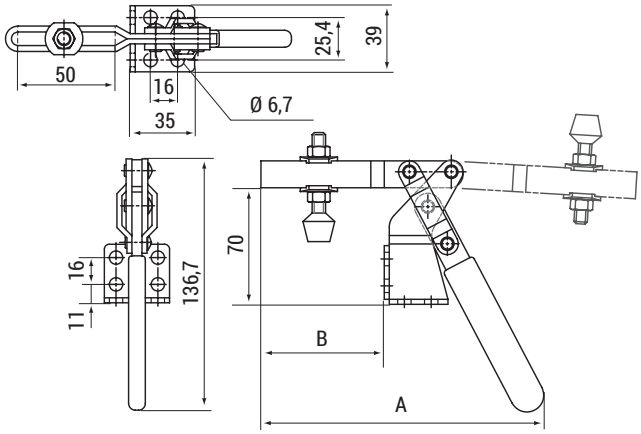
Supplied with neoprene tipped adjustable threaded spindle.
All rivets are made of stainless steel.
Two mounting areas.



Rotazione leva: 60°
Handle moves: 60°
Rotazione barra: 180°
Bar moves: 180°

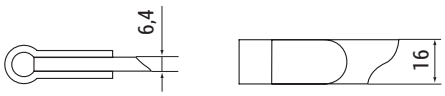
82 B

Barra chiusa
Close clamping bar



82 S

Barra piena
Solid bar



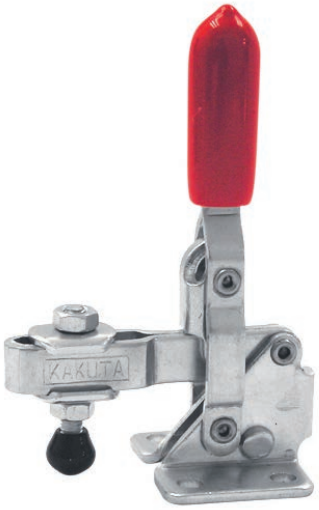
Caratteristiche Specifications	Articolo Article	Codice Code	Portata Kg Capacity Kg	A	B	Peso g Weight g	
Doppia base di fiss. - Barra a "U" / *Two mounting areas - "U" bar*	**82**	161961	100	154,2	65,8	396	10
Doppia base di fiss.- Barra piena / *Two mounting areas - Solid bar*	**82-S**	161954	100	168,4	80	433	10


KAKUTA

HV 150

Fornito completo di puntale in vinile.
Barra chiusa.
Tutti i rivetti sono in acciaio inox.

Supplied with vinyl coated adjustable threaded spindle. Close clamping bar.
All rivets are made of stainless steel.

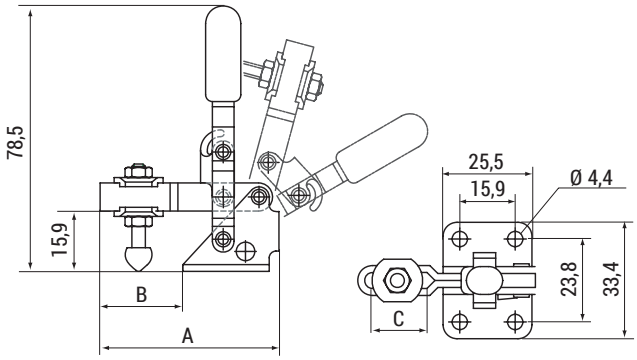


Rotazione leva: 60°
Handle moves: 60°

HV 150 | HV 150-2S INOX

Base orizzontale / *Horizontal base*

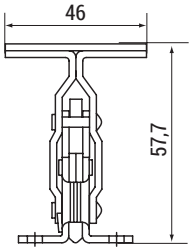
HV 153-XL **Barra lunga / *Longer arm***



HV 152 T

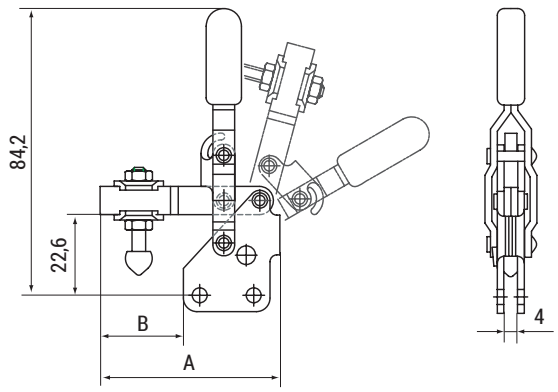
Impugnatura a "T"
Ideale per materiali delicati e pressioni limitate. Barra a "U"
Tutti i rivetti sono in acciaio inox.

"T" handle
Ideal for lightweight materials and light work. "U" bar.
All rivets are made of stainless steel.



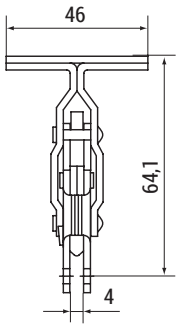
HV 151-B | HV 151-B-2S INOX

Base verticale / *Straight base*



HV 151-BT

Impugnatura a "T"
"T" handle
Straight base

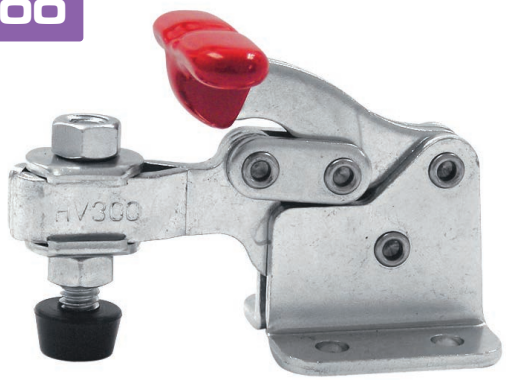


Caratteristiche Specifications	Articolo Article	Codice Code	INOX	Cod. Code	Portata Kg Cap. Kg	A	B	C	Peso g Weight g	
Base orizzontale / *Horizontal base*	**HV 150**	148559	**HV 150-2S**	193337	45	53,9	25,5	15,5	66	10
Base verticale / *Straight base*	**HV 151-B**	148566	**HV 151-B-2S**	193334	45	53,9	25,5	15,5	66	10
Base vert.-Imp. a "T" / *Straight base-"T" handle*	**HV 151-BT**	195287			45	53,9	25,5	15,5	70	10
Base orizz.-Imp. a "T" / *Hor. base-"T" handle*	**HV 152-T**	148573			45	53,9	25,5	15,5	70	10
Base orizz.-Barra lunga / *Hor. base-Longer arm*	**HV 153-XL**	195034			27	79,4	51	42	80	10

HV 200 HV 300 HV 400

Fornito completo di puntale in neoprene.
Impugnatura a "T". Barra chiusa.
Tutti i rivetti sono in acciaio inox.

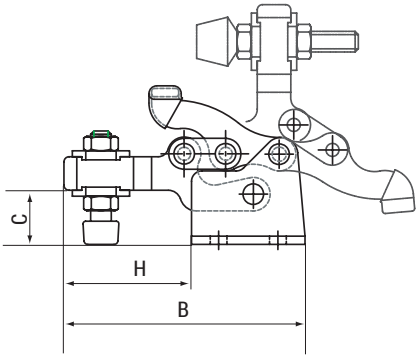
Supplied with vinyl coated spindle.
"T" handle close clamping bar.
All rivets are made of stainless steel.

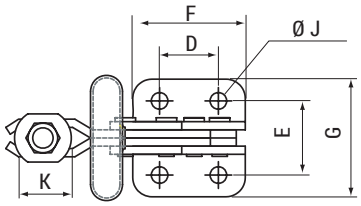


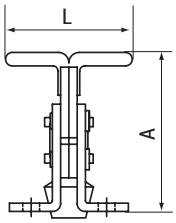
Rotazione leva: 175°
Handle moves: 175°

HV 200 / HV 300 / HV 400 | **HV 200-2S / HV 300-2S / HH 400-2S INOX**

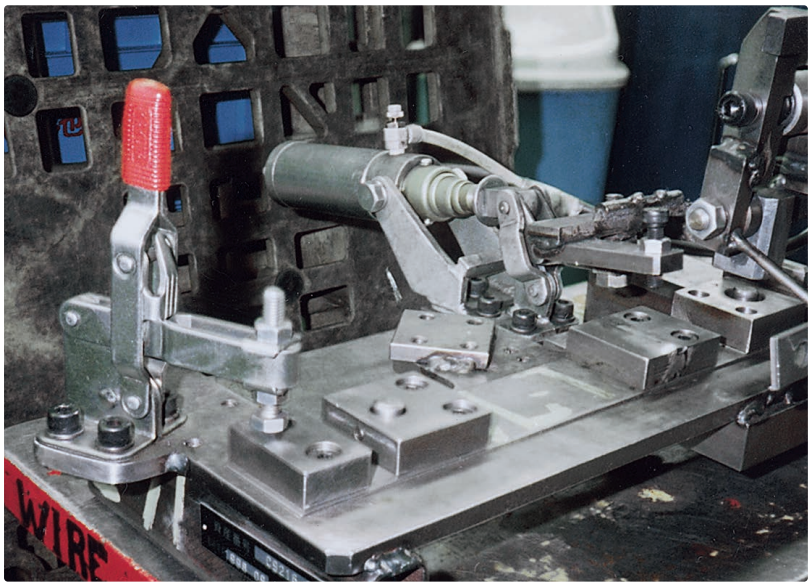
Base orizzontale
Horizontal base







Articolo Article	Cod. Code	INOX	Cod. Code	Portata kg Capacity kg	A	B	C	D	E	F	G	H	J	K	L	Peso g Weight	
HV 200	159517	**HV 200-2S**	182942	68	38,1	57,1	15	13,5	16	26,5	26	30,6	4,5	12,7	27	58	10
HV 300	179416	**HV 300-2S**	211055	150	62,5	93,5	22	23	29	44	46	49,5	6,5	19	50	220	10
HV 400	179423	**HV 400-2S**	211062	340	93,5	130,5	33	35	38	64	63	66,5	8,5	27	70	630	10





HV 200-RL HV 300-RL HV 400-RL NEW

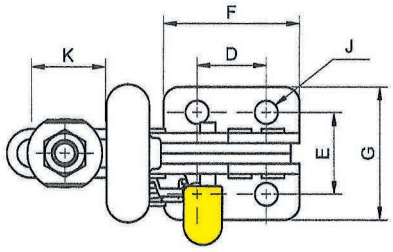
Con leva anti-sgancio.
Fornito completo di puntale in neoprene.
Barra chiusa.
Tutti i rivetti sono in acciaio inox.

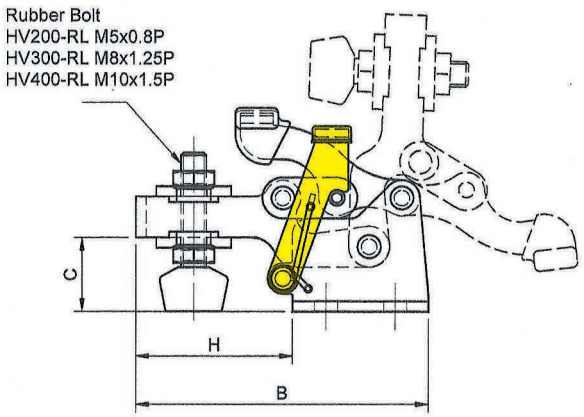
Anti-realeased lever.
Supplied with neoprene tipped adjustable threaded spindle. Close clamping bar.
All rivets are made of stainless steel.

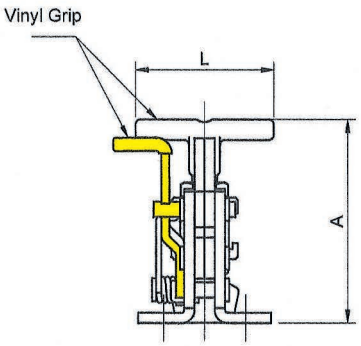


HV 200-RL / HV 300-RL / HV 400-RL

Base orizzontale
Horizontal base







Articolo Article	Codice Code	Portata kg Capacity kg	A	B	C	D	E	F	G	H	J	K	L	Peso g Weight	
HV 200-RL	201421	68	38,1	57,1	13	13,5	16	26,5	26	30,6	4,5	12,7	27	75	10
HV 300-RL	210256	150	62,5	93,5	22	23	29	44	46	49,5	6,5	19	50	330	10
HV 400-RL	222600	340	93,5	130,5	33	35	38	64	63	66,5	8,5	27	70	660	10

HV 250

Fornito completo di puntale in neoprene.
Barra piena. Posizione fissa del puntale.
Tutti i rivetti sono in acciaio inox.

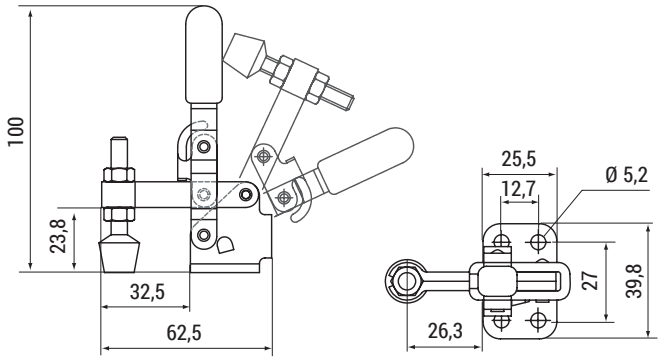
Supplied with neoprene tipped adjustable threaded spindle. Solid bar. Fixed spindle position.
All rivets are made of stainless steel.



Rotazione leva: 65°
Handle moves: 65°

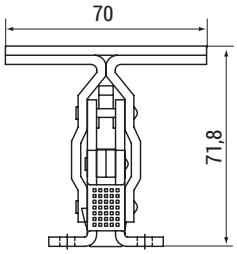
HV 250 — HV 250-2S INOX

Base orizzontale / *Horizontal base*



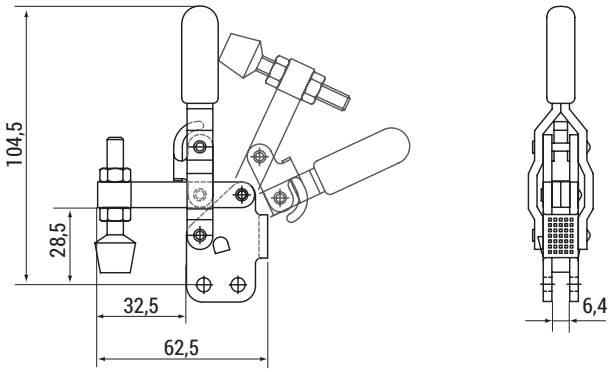
HV 252 T

Impugnatura a "T"
"T" handle



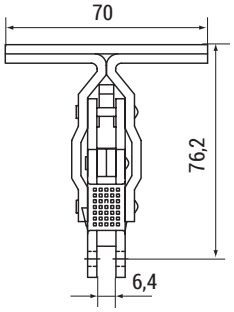
HV 251-B — HV 251-B-2S INOX

Base verticale / *Straight base*



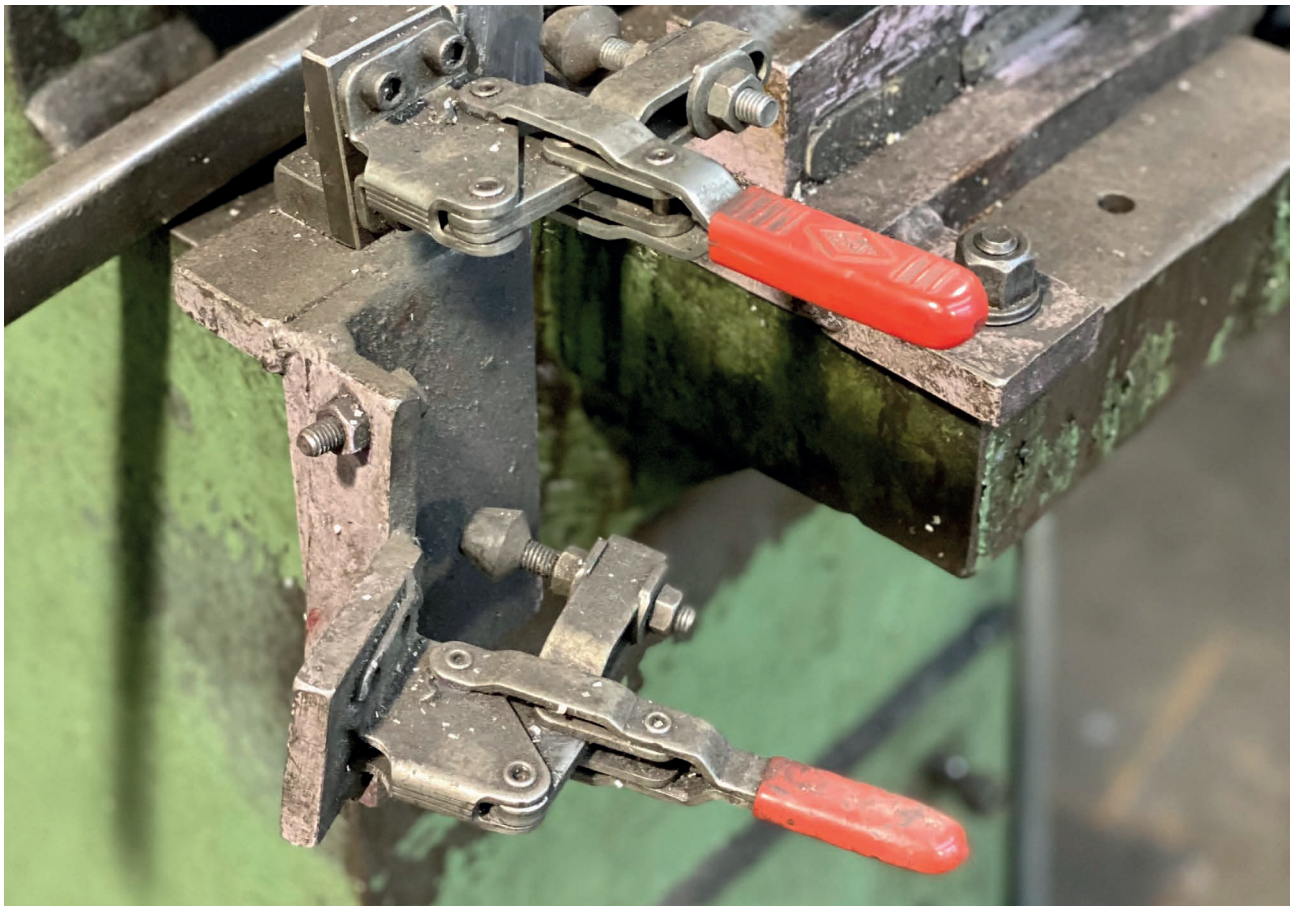
HV 251-BT

Impugnatura a "T"
"T" handle - Straight base



Caratteristiche Specifications	Articolo Article	Codice Code	INOX	Codice Code	Portata Kg Capacity Kg	Peso g Weight g	
Base orizzontale / *Horizontal base*	**HV 250**	148580	**HV 250-2S**	211017	90	167	10
Base verticale / *Straight base*	**HV 251-B**	148597	**HV 251-B-2S**	211024	90	167	10
B.vert.-Imp. a "T" / *Straight base-"T"handle*	**HV 251-BT**	194983			90	170	10
B.orizz.-Imp. a "T" / *Horizontal base-"T"handle*	**HV 252-T**	148603			90	170	10

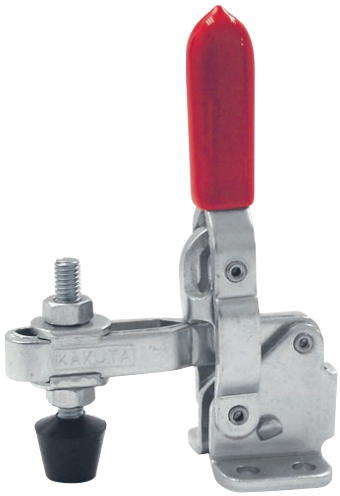




HV 250-U

Fornito completo di puntale in neoprene.
Barra chiusa.
Tutti i rivetti sono in acciaio inox.

Supplied with neoprene tipped adjustable threaded spindle. Close clamping bar.
All rivets are made of stainless steel.



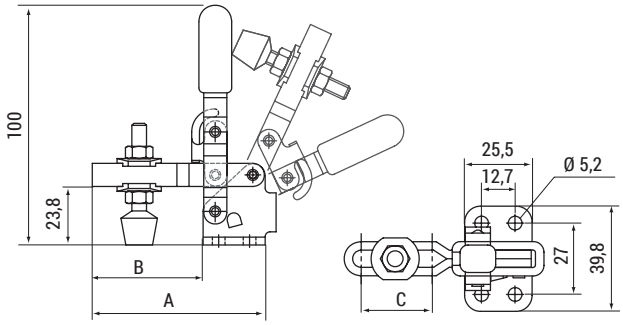
Rotazione leva: 65°
Handle moves: 65°

HV 250-U **HV 250-U-2S INOX**

Base orizzontale / *Horizontal base*

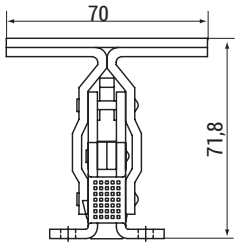
HV 253-UL **HV 253-UL-2S INOX**

Barra lunga / *Longer arm*



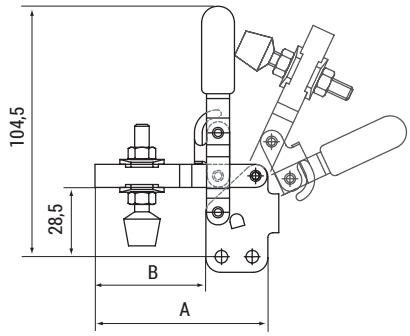
HV 252-UT

Impugnatura a "T"
"T" handle



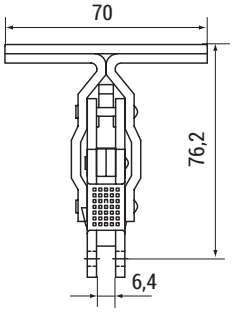
HV 251-UB

Base verticale
Straight base



HV 251-UBT

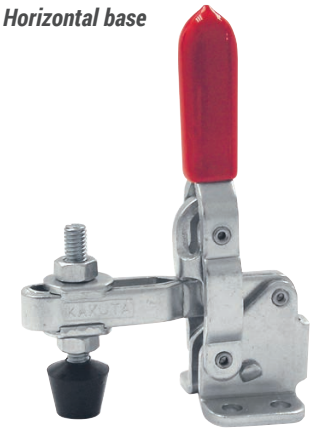
Impugnatura a "T"
"T" handle
Straight base

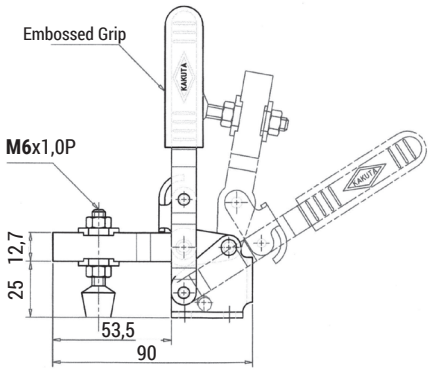


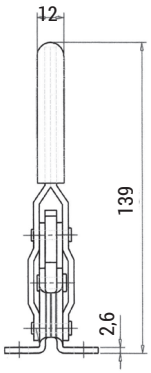
Caratteristiche Specifications	Articolo Article	Codice Code	INOX	Cod. Code	Portata Kg Cap. Kg	A	B	C	Peso g Weight g	
Base orizzontale / *Horizontal base*	HV 250-U	159524	HV 250-U-2S	211031	90	75,6	45,6	27,5	167	10
Base verticale / *Straight base*	HV 251-UB	178716			90	75,6	45,6	27,5	167	10
Base vert.-Imp. a "T" / *Straight base-"T" handle*	HV 251-UBT	195294			90	75,6	45,6	27,5	170	10
Base orizz.-Imp. a "T" / *Hor. base-"T" handle*	HV 252-UT	178761			90	75,6	45,6	27,5	170	10
Base orizz.-Barra lunga / *Hor. base-Longer arm*	HV 253-UL	194952	HV 253-UL-2S	211048	90	87,8	57,8	39,7	170	10

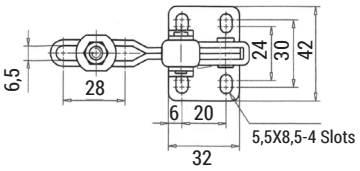
HV 250-U1 | HV 250-U1-2S INOX

Base orizzontale
Horizontal base



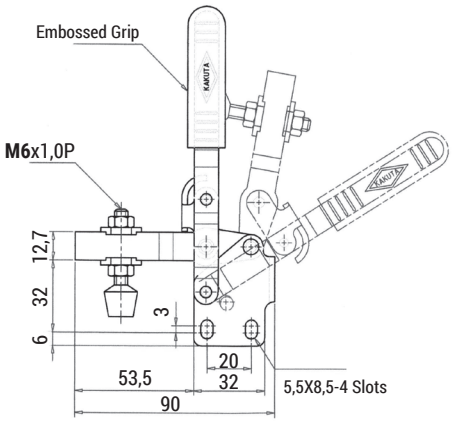


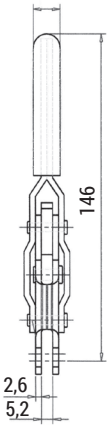


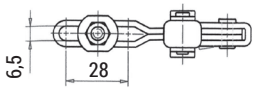


HV 251-UB1

Base verticale
Straight base

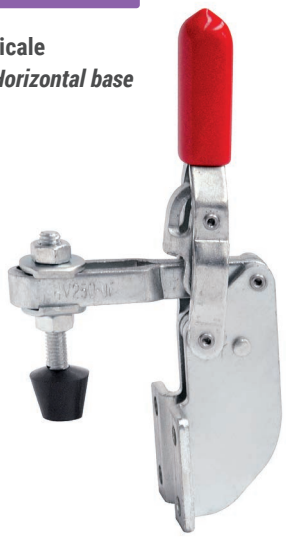


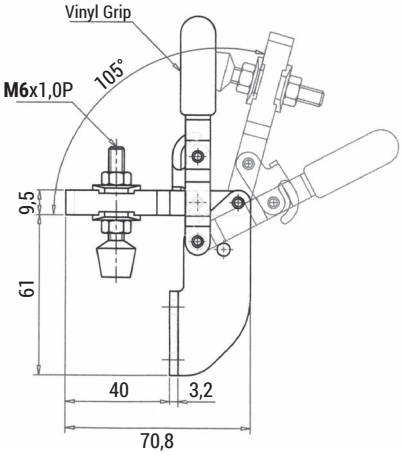


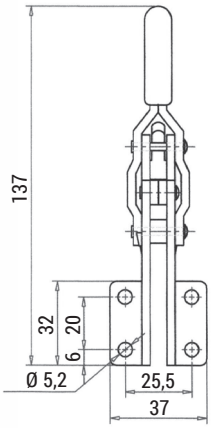


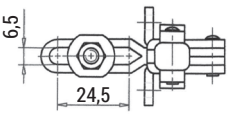
HV 250-UF

Base verticale
Straight-Horizontal base









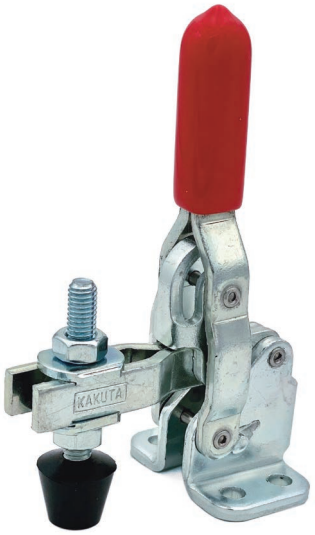
Caratteristiche Specifications	Articolo Article	Codice Code	INOX	Codice Code	Portata Kg Capacity Kg	Peso g Weight g	
Base orizzontale / *Horizontal base*	HV 250-U1	210300	HV 250-U1-2S	210317	100	210	10
Base verticale / *Straight base*	HV 251-UB1	210331			100	210	10
Base vert.-orizz. / *Straight-Horiz. base*	HV 250-UF	210324			100	210	10

HV 250-L

NEW

Fornito completo di puntale in neoprene.
Barra aperta.
Tutti i rivetti sono in acciaio inox.

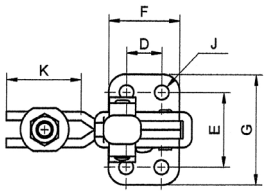
Supplied with neoprene tipped adjustable threaded spindle.
Open clamping bar.
All rivets are made of stainless steel.

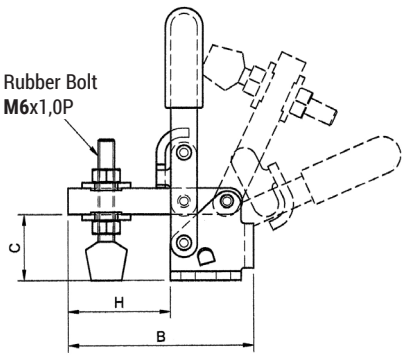


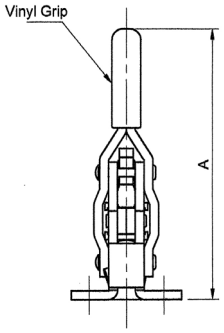
Rotazione leva: 60°
Handle moves: 60°

HV 250-L

Base orizzontale
Horizontal base

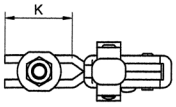


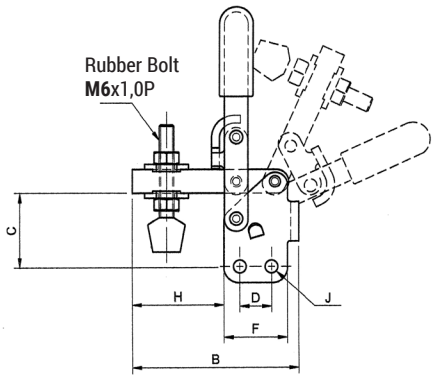


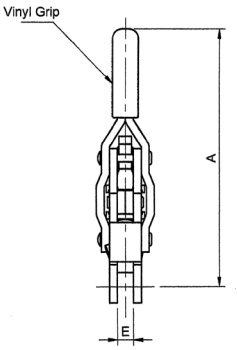


HV 251-UBL

Base verticale
Straight base







Articolo Article	Codice Code	Portata kg Capacity kg	A	B	C	D	E	F	G	H	J	K	Peso g Weight	
HV 250-L	224215	90	100	66,8	23,8	12,7	27	25,5	39,8	36,8	Ø 5,2	26,9	140	10
HV 251-UBL	224222	90	104,5	66,8	28,5	12,7	6,4	25,5	–	36,8	Ø 5,2	26,9	140	10

HV 260

Fornito completo di puntale in neoprene.
Tutti i rivetti sono in acciaio inox.

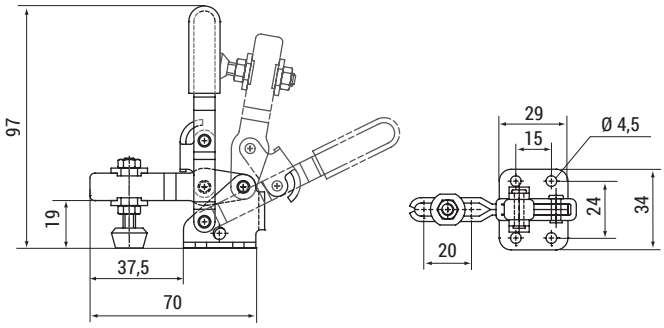
Supplied with neoprene tipped adjustable threaded spindle.
All rivets are made of stainless steel.



Rotazione leva: 63°
Handle moves: 63°

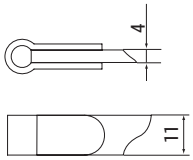
HV 260 | HV 260-2S INOX

Base orizzontale - Barra a "U"
Horizontal base - "U" bar



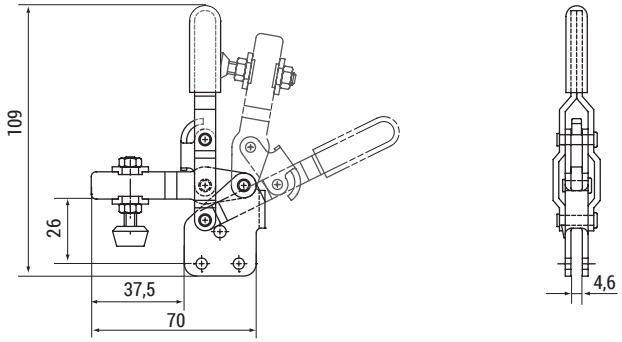
HV 260-S | HV 260-S-2S INOX

Base orizzontale - Barra piena
Horizontal base - Solid bar



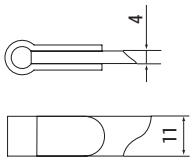
HV 261-B | HV 261-B-2S INOX

Base verticale - Barra a "U"
Straight base - "U" bar



HV 261-SB | HV 261-SB-2S INOX

Base verticale - Barra piena
Straight base - Solid bar

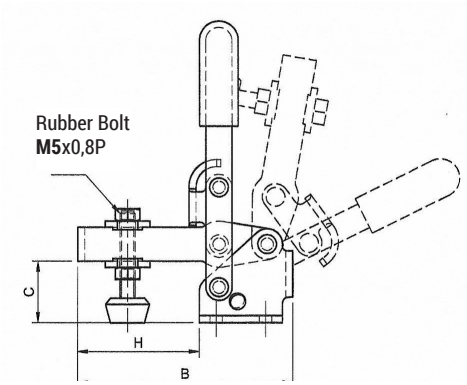


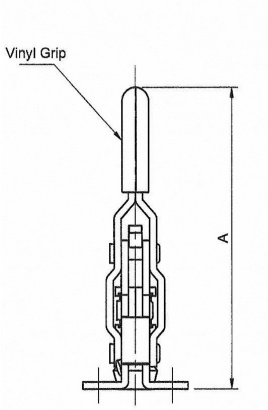
Caratteristiche Specifications	Articolo Article	Codice Code	INOX	Codice Code	Portata Kg Capacity Kg	Peso g Weight g	
Base orizz.-Barra a "U" / *Horiz. base-"U" bar*	HV 260	191449	HV 260-2S	210348	90	95	10
Base orizz.-Barra piena / *Horiz. base-Solid bar*	HV 260-S	191487	HV 260-S-2S	210355	90	95	10
Base vert.-Barra a "U" / *Straight base-"U" bar*	HV 261-B	191524	HV 261-B-2S	210362	90	95	10
Base vert.-Barra piena / *Straight base-Solid bar*	HV 261-SB	191562	HV 261-SB-2S	210379	90	95	10

HV 270 | HV 270-2S INOX NEW



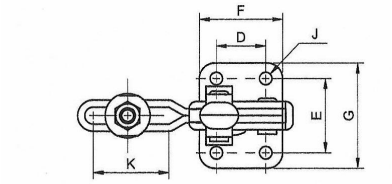
Rotazione leva: 64°
Handle moves: 64°





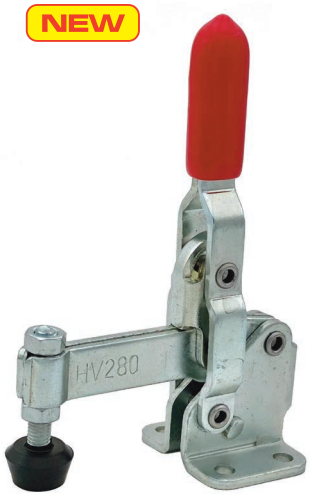
Fornito completo di puntale in neoprene a testa esagonale. Barra chiusa.
Tutti i rivetti sono in acciaio inox.

Supplied with neoprene head spindle assembly. Close clamping bar.
All rivets are made of stainless steel.

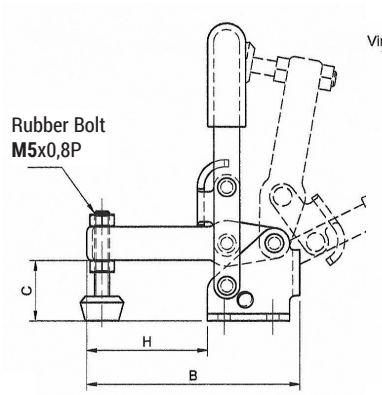


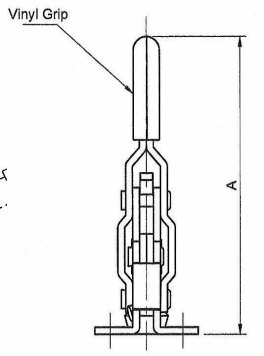
Articolo Article	Cod. Code	INOX	Cod. Code	Portata kg Capacity kg	A	B	C	D	E	F	G	H	J	K	Peso g Weight	
HV 270	210386	**HV 270-2S**	210409	90	98	70	20	16	24	27	34	39,5	4,5	24	110	10

HV 280 NEW



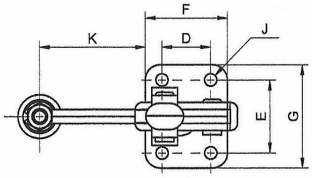
Rotazione leva: 64°
Handle moves: 64°





Fornito completo di puntale in neoprene a testa esagonale. Barra piena.
Tutti i rivetti sono in acciaio inox.

Supplied with neoprene head spindle assembly. Solid clamping bar.
All rivets are made of stainless steel.



Articolo Article	Codice Code	Portata kg Capacity kg	A	B	C	D	E	F	G	H	J	K	Peso g Weight g	
HV 280	210393	90	98	70	20	16	24	27	34	39,5	4,5	34,5	95	10

42 A•K•P•S

Fornito completo di puntale zincato a testa esagonale. Barra chiusa.
Tutti i rivetti sono in acciaio inox.

Supplied with hex head spindle assembly. Close clamping bar.
All rivets are made of stainless steel.

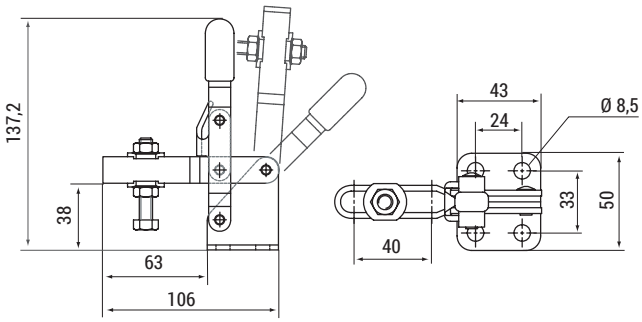




Rotazione leva: 45°
Handle moves: 45°

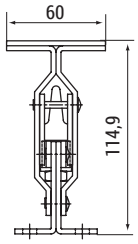
42 A — 42 A-2S INOX

Base orizzontale
Horizontal base



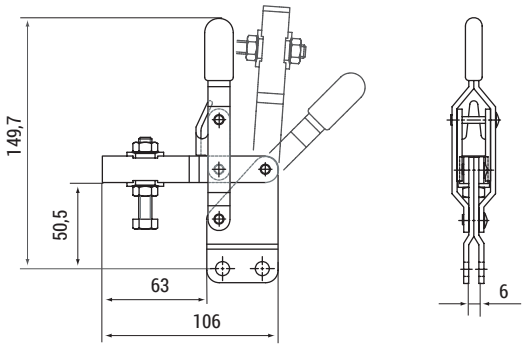
42 P

Impugnatura a "T"
T" handle



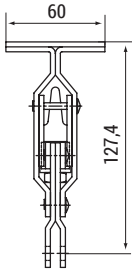
42 K — 42 K-2S INOX

Base verticale
Straight base



42 S

Impugnatura a "T" / *"T" handle*
Base verticale / *Straight base*

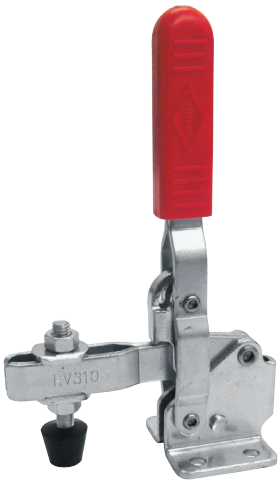


Caratteristiche Specifications	Articolo Article	Codice Code	INOX	Codice Code	Portata Kg Capacity Kg	Peso g Weight g	
Base orizzontale / *Horizontal base*	42 A	179232	42 A-2S	179720	150	390	10
Base verticale / *Straight base*	42 K	195133	42 K-2S	211093	150	390	10
Base oriz.-Imp. a "T" / *Hor. base - "T" handle*	42 P	179249			150	390	10
Base vert.-Imp. a "T" / *Straight b. - "T" handle*	42 S	195140			150	390	10

HV 310

Fornito completo di puntale in neoprene.
Tutti i rivetti sono in acciaio inox.

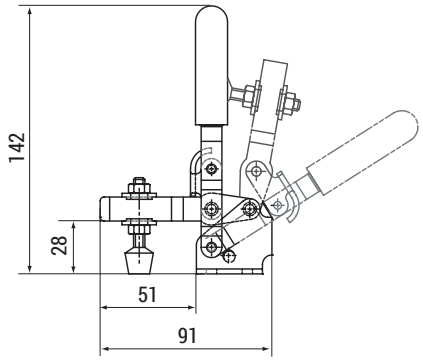
Supplied with neoprene tipped adjustable threaded spindle.
All rivets are made of stainless steel.

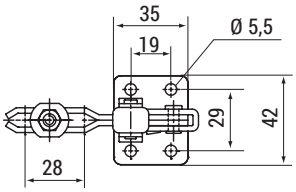


Rotazione leva: 58°
Handle moves: 58°

HV 310 — HV 310-2S INOX

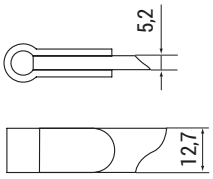
Base orizzontale - Barra chiusa
Horizontal base - Close clamping bar





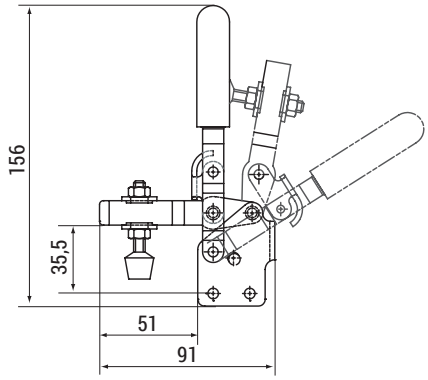
HV 310-S — HV 310-S-2S INOX

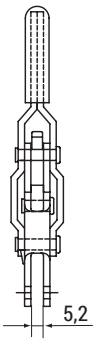
Base orizzontale - Barra piena
Horizontal base - Solid bar



HV 311-B — HV 311-B-2S INOX

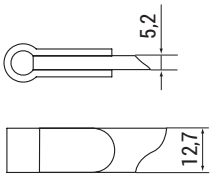
Base verticale - Barra chiusa
Straight base - Close clamping bar





HV 311-SB — HV 311-SB-2S INOX

Base verticale - Barra piena
Straight base - Solid bar



Caratteristiche Specifications	Articolo Article	Codice Code	INOX	Codice Code	Portata Kg Capacity Kg	Peso g Weight g	
B.orizz.-Barra a "U" / *Hor. base-"U" bar*	HV 310	191456	HV 310-2S	210430	160	210	10
B.orizz.-Barra piena / *Hor. base-Solid bar*	HV 310-S	191494	HV 310-S-2S	210591	160	210	10
B.vert.-Barra a "U" / *Straight base-"U" bar*	HV 311-B	191531	HV 311-B-2S	210447	160	210	10
B.vert.-Barra piena / *Straight base-Solid bar*	HV 311-SB	191579	HV 311-SB-2S	210454	160	210	10

HV 350

Fornito completo di puntale in neoprene.
Barra piena.
Tutti i rivetti sono in acciaio inox.

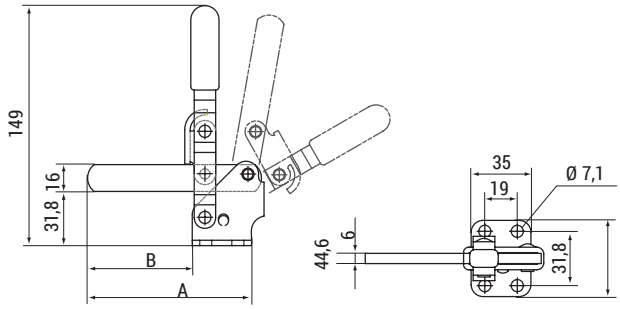
Supplied with neoprene tipped adjustable threaded spindle. Solid bar.
All rivets are made of stainless steel.



Rotazione leva: 60°
Handle moves: 60°

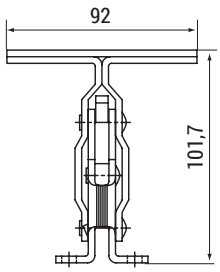
HV 350 Base orizzontale / *Horizontal base*

HV 353-L Barra lunga / *Longer arm*



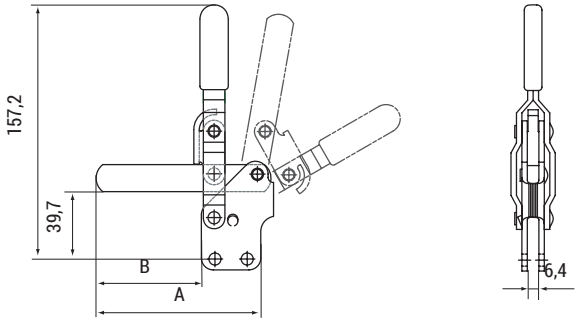
HV 352-T Impugnatura a "T" / *"T" handle*

HV 352-TL Barra lunga / *Longer arm*



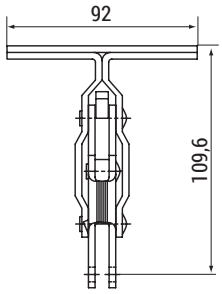
HV 351-B Base verticale / *Straight base*

HV 351-BL Barra lunga / *Longer arm*

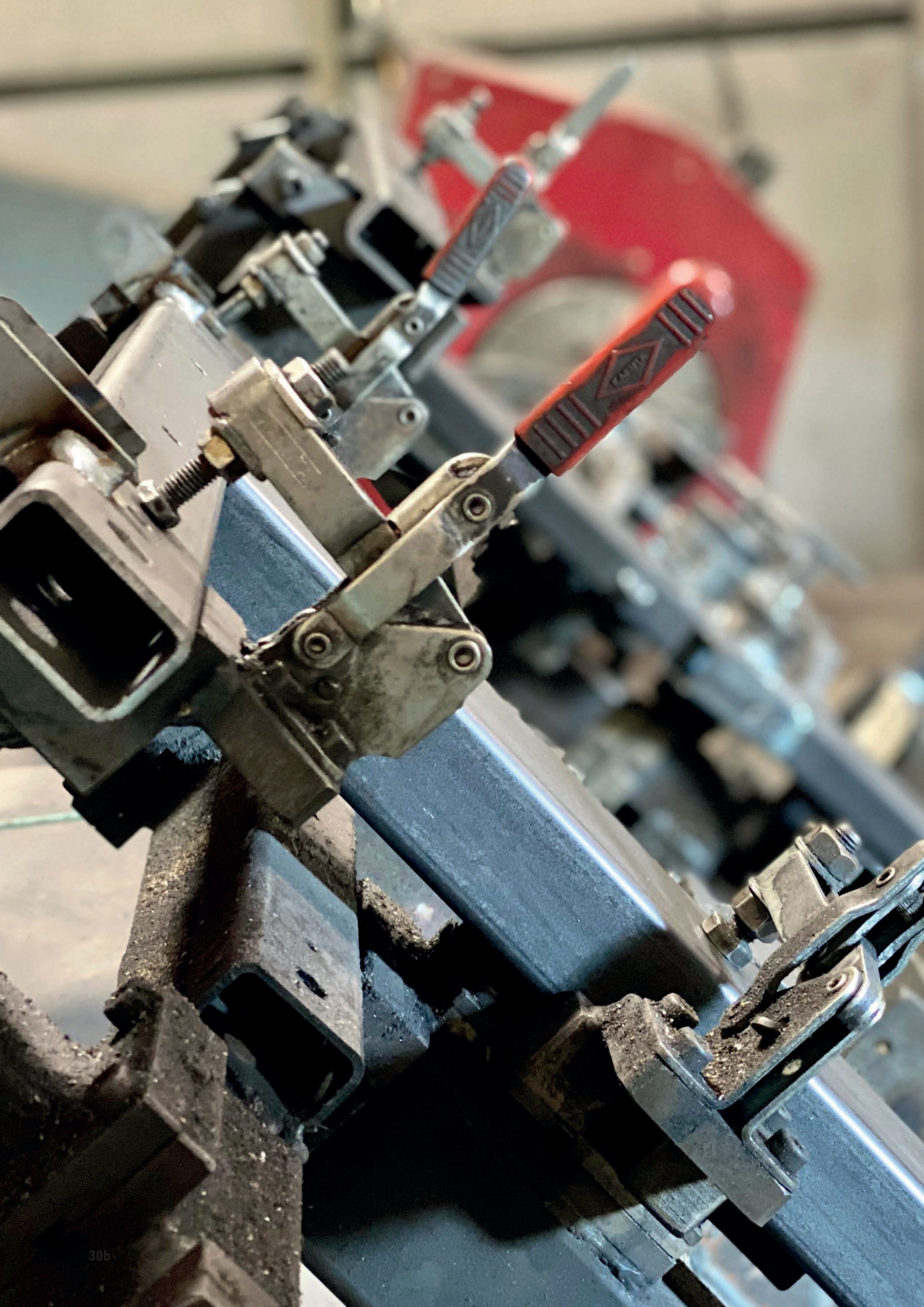


HV 351-BT Impugnatura a "T" / *"T" handle*

HV 351-BTL Barra lunga / *Longer arm*



Caratteristiche Specifications	Articolo Article	Codice Code	Portata Kg Capacity Kg	A	B	Peso g Weight g	
Base orizzontale / *Horizontal base*	HV 350	148610	225	104,5	62	350	10
Base verticale / *Straight base*	HV 351-B	148627	225	104,5	62	350	10
Base verticale - Impugnatura a "T" / *Straight base-"T" handle*	HV 351-BT	194990	225	104,5	62	370	10
Base verticale - Barra lunga / *Straight base - Longer arm*	HV 351-BL	195003	110	129,8	87,3	380	10
Base vert.-B. lunga - Imp. a "T" / *Str. base - Longer arm-"T" handle*	HV 351-BTL	195010	110	129,8	87,3	390	10
Base orizz.-Impugnatura a "T" / *Horizontal base - "T" handle*	HV 352-T	148634	225	104,5	62	370	10
Base orizz.-B. lunga-Imp. a "T" / *Hor.base - Longer arm-"T" handle*	HV 352-TL	195058	110	129,8	87,3	390	10
Base orizzontale - Barra lunga / *Horizontal base - Longer arm*	HV 353-L	148641	110	129,8	87,3	380	10



HV 450

Fornito completo di puntale in neoprene.
Barra chiusa.
Tutti i rivetti sono in acciaio inox.

Supplied with neoprene tipped adjustable threaded spindle. Close clamping bar.
All rivets are made of stainless steel.

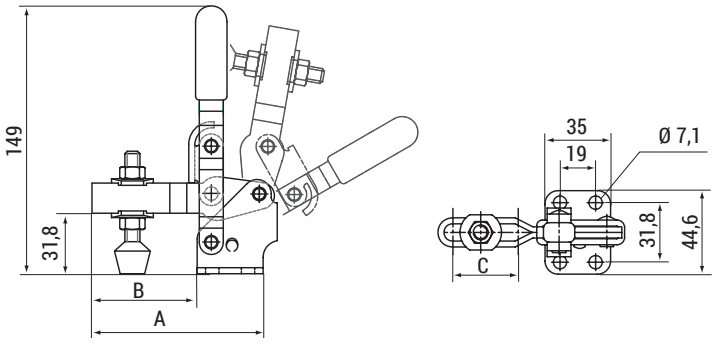


Rotazione leva: 60°
Handle moves: 60°

HV 450 **HV 450-2S INOX** Base orizzontale / *Horizontal base*

HV 453-L Barra lunga / *Longer arm*

HV 453-XL Barra extra-lunga / *Extra-long arm*

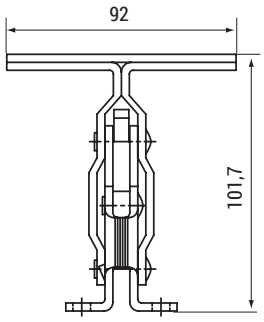


HV 452-T

Impugnatura a "T" / *"T" handle*

HV 452-TL

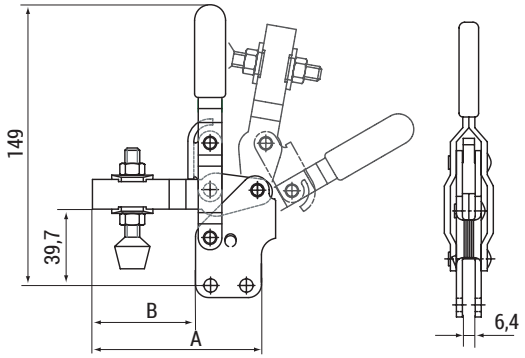
Impugnatura a "T" / *"T" handle*
Barra lunga / *Longer arm*



Caratteristiche Specifications	Articolo Article	Codice Code	INOX	Cod. Code	Portata Kg Cap. Kg	A	B	C	Peso g Weight g	
Base orizzontale / *Horizontal base*	HV 450	148658	HV 450-2S	211079	225	99,7	57,2	34,9	350	10
Base orizz.-Imp. a "T" / *Hor. base-"T" handle*	HV 452-T	148672			225	99,7	57,2	34,9	370	10
B.or.-B-lunga-Imp. a "T" / *Hor.base-L.arm-"T" h.*	HV 452-TL	195041			100	137,7	95,2	72,9	400	10
Base orizz.-Barra lunga / *Hor. base-Longer arm*	HV 453-L	148689			100	137,7	95,2	72,9	380	10
B.or.-Barra extra lunga / *Hor. base-Extra Long arm*	HV 453-XL	194969			80	156,5	114	134,2	440	10

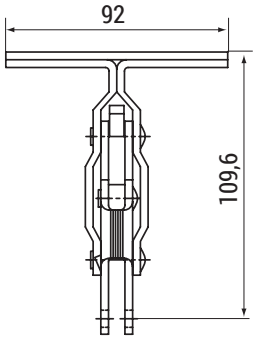
HV 451-B **HV 451-B-2S INOX** Base verticale *Straight base*

HV 451-BL Barra lunga *Longer arm*



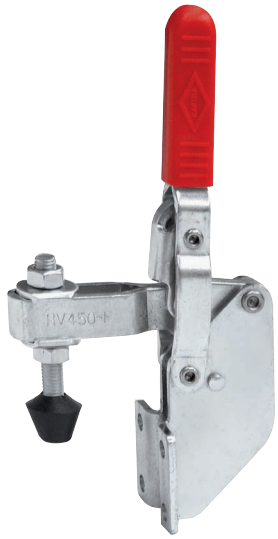
HV 451-BT Impugnatura a "T" *"T" handle*

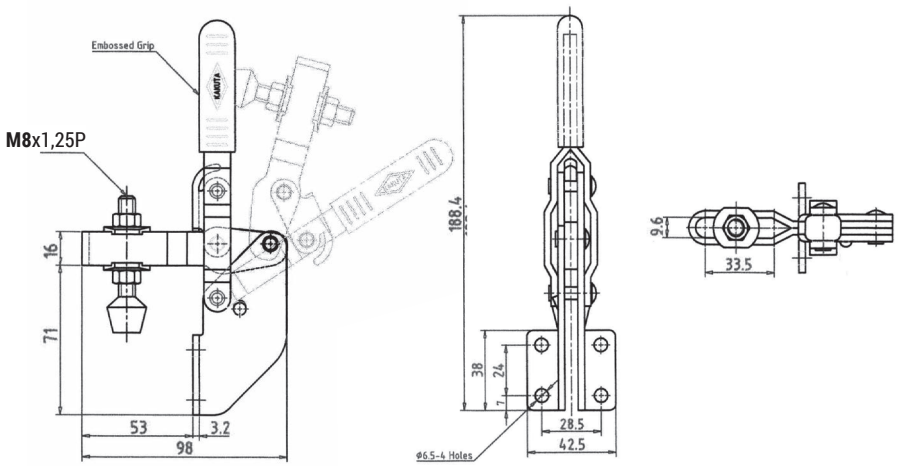
HV 451-BTL Barra lunga *Longer arm*



Caratteristiche Specifications	Articolo Article	Codice Code	INOX	Cod. Code	Portata Kg Cap. Kg	A	B	C	Peso g Weight g	
Base verticale / *Straight base*	HV 451-B	148665	HV 451-B-2S	211086	225	99,7	57,2	34,9	350	10
B. vert.-Imp. a "T" / *Straight base-"T" handle*	HV 451-BT	195256			225	99,7	57,2	34,9	370	10
B. vert.-Barra lunga / *Straight base-Longer arm*	HV 451-BL	195263			100	137,7	95,2	72,9	380	10
B.vert.-B-lunga-Imp."T" / *Str.base-L.arm-"T" h.*	HV 451-BTL	195270			100	137,7	95,2	72,9	400	10

HV 450-F Base verticale / *Straight base*





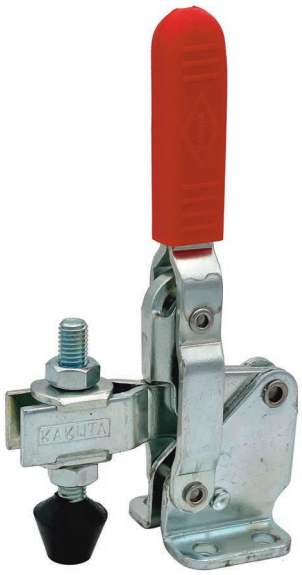
Caratteristiche Specifications	Articolo Article	Codice Code	Portata Kg Capacity Kg	A	B	C	Peso g Weight g	
Base verticale / *Straight base*	HV 450-F	210461	140	98,0	53,0	33,5	420	10

HV 450-L

NEW

Fornito completo di puntale in neoprene.
Barra aperta.
Tutti i rivetti sono in acciaio inox.

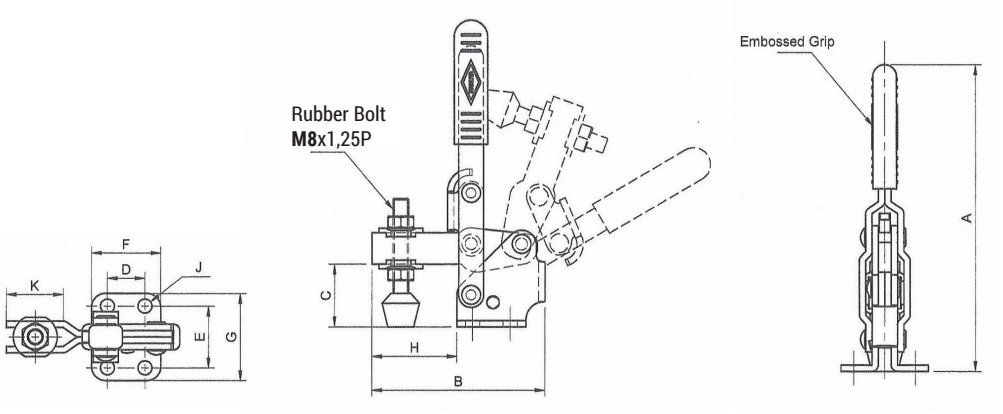
Supplied with neoprene tipped adjustable threaded spindle. Open clamping bar.
All rivets are made of stainless steel.



Rotazione leva: 60°
Handle moves: 60°

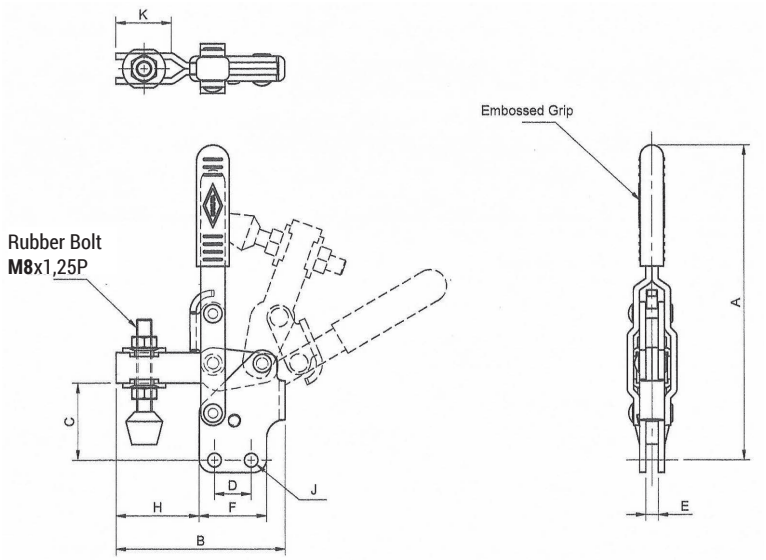
HV 450-L

Base orizzontale
Horizontal base



HV 451-UBL

Base verticale
Straight base



Articolo Article	Codice Code	Portata kg Capacity kg	A	B	C	D	E	F	G	H	J	K	Peso g Weight	
HV 450-L	224239	225	149	87,7	31,8	19	31,8	35	44,6	43	7,1	28	360	10
HV 451-UBL	224246	225	157,2	87,7	39,7	19	6,4	35	–	43	7,1	28	360	10

HV 470

Fornito completo di puntale in neoprene.
Tutti i rivetti sono in acciaio inox.

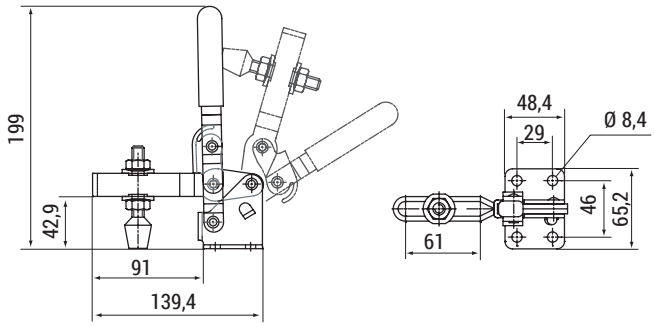
Supplied with neoprene tipped adjustable threaded spindle.
All rivets are made of stainless steel.



Rotazione leva: 58°
Handle moves: 58°

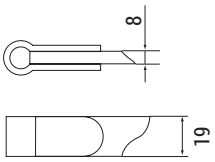
HV 470 — HV 470-2S INOX

Base orizzontale - Barra chiusa
Horizontal base - Close clamping bar



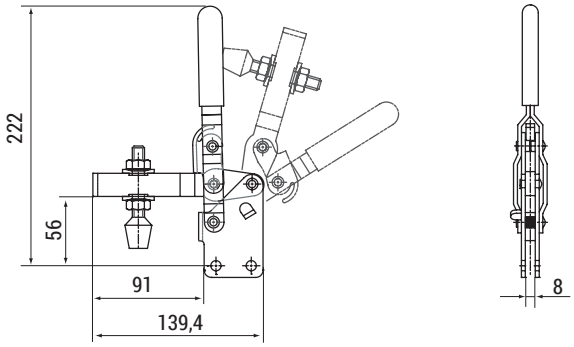
HV 470-S

Base orizzontale - Barra piena
Horizontal base - Solid bar



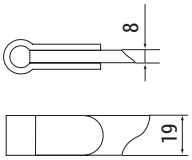
HV 471-B

Base verticale - Barra chiusa
Straight base - Close clamping bar



HV 471-SB

Base verticale - Barra piena
Straight base - Solid bar

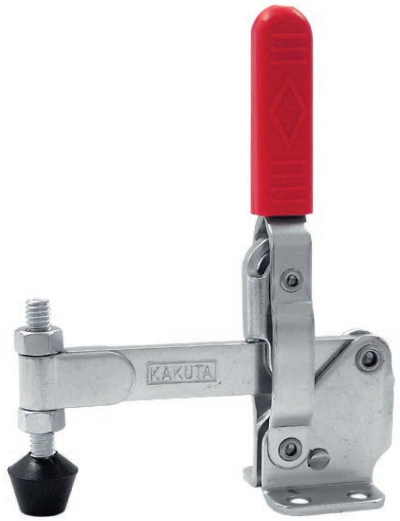


Caratteristiche Specifications	Articolo Article	Codice Code	INOX	Codice Code	Portata Kg Capacity Kg	Peso g Weight g	
B. orizz.-Barra a "U" / *Hor.base-"U" bar*	HV 470	191463	HV 470-2S	210478	340	660	10
B. orizz.-Barra piena / *Hor.base-Solid bar*	HV 470-S	191500			340	660	10
B. vert.-Barra a "U" / *Straight base-"U" bar*	HV 471-B	191548			340	660	10
B. vert.-Barra piena / *Straight base-Solid bar*	HV 471-SB	191586			340	660	10

HV 550

Fornito completo di puntale in neoprene.
Barra piena.
Tutti i rivetti sono in acciaio inox.

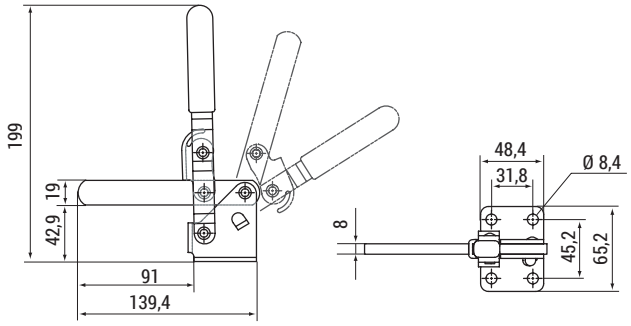
Supplied with neoprene tipped adjustable threaded spindle. Solid bar.
All rivets are made of stainless steel.



Rotazione leva: 50°
Handle moves: 50°

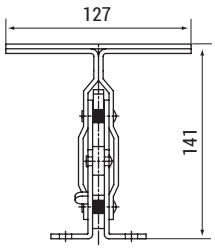
HV 550

Base orizzontale / *Horizontal base*



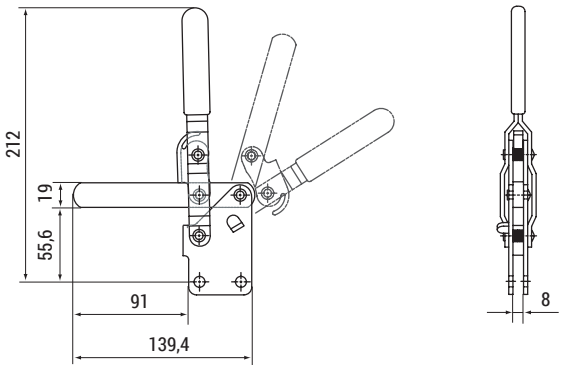
HV 552-T

Impugnatura a "T" / *"T" handle*



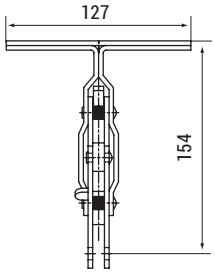
HV 551-B

Base verticale / *Straight base*



HV 551-BT

Impugnatura a "T" / *"T" handle*
Base verticale / *Straight base*

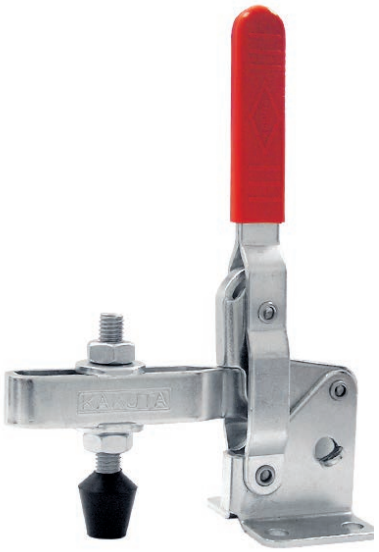


Caratteristiche Specifications	Articolo Article	Codice Code	Portata Kg Capacity Kg	Peso g Weight g	
Base orizzontale - Barra piena / *Horizontal base - Solid bar*	**HV 550**	148696	340	660	10
Base verticale - Barra piena / *Straight base - Solid bar*	**HV 551-B**	148702	340	660	10
Base vert.-Barra piena-Imp. a "T"/ *Straight base-Solid bar-"T" handle*	**HV 551-BT**	195027	340	660	10
Base orizz.-Barra piena-Imp. a "T" / *Hor. base-Solid bar -"T" handle*	**HV 552-T**	148719	340	660	10

HV 650

Fornito completo di puntale in neoprene.
Barra chiusa.
Tutti i rivetti sono in acciaio inox.

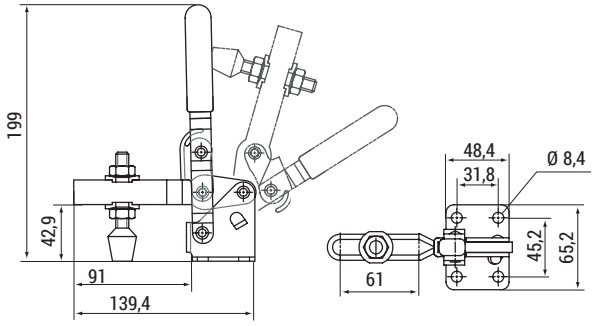
Supplied with neoprene tipped adjustable threaded spindle. Close clamping bar.
All rivets are made of stainless steel.



Rotazione leva: 58°
Handle moves: 58°

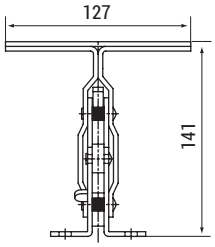
HV 650

Base orizzontale / *Horizontal base*



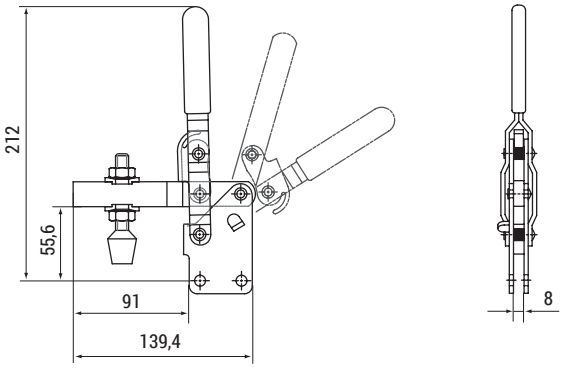
HV 652-T

Impugnatura a "T"
"T" handle



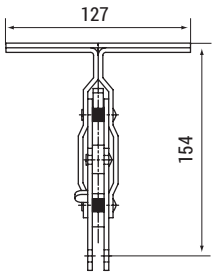
HV 651-B

Base verticale / *Straight base*



HV 651-BT

Impugnatura a "T" / *"T" handle*
Base verticale / *Straight base*



Caratteristiche Specifications	Articolo Article	Codice Code	Portata Kg Capacity Kg	Peso g Weight g	
Base orizzontale / *Horizontal base*	**HV 650**	148726	340	660	10
Base verticale / *Straight base*	**HV 651-B**	148733	340	660	10
Base verticale - Impugnatura a "T"/ *Straight base - "T" handle*	**HV 651-BT**	194976	340	660	10
Base orizzontale - Impugnatura a "T" / *Horizontal base - "T" handle*	**HV 652-T**	148740	340	660	10

HV 510

Forniti **senza** puntale in neoprene
Tutti i rivetti sono in acciaio inox.

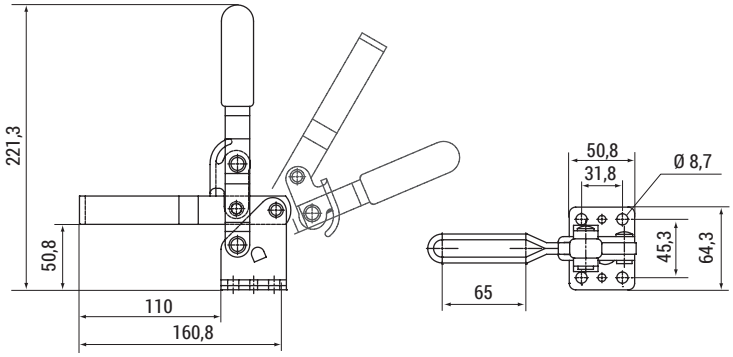
Neoprene tipped adjustable threaded spindle
to be ordered upon request.
All rivets are made of stainless steel.



Rotazione leva: 67°
Handle moves: 67°

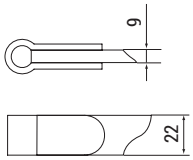
HV 510

Base orizzontale - Barra chiusa
Horizontal base - Close clamping bar



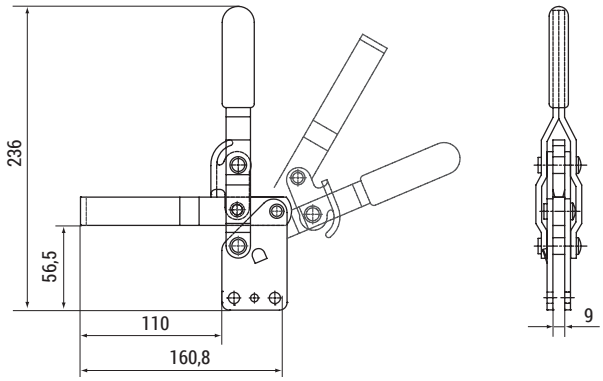
HV 510-S

Base orizzontale - Barra piena
Horizontal base - Solid bar



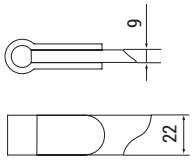
HV 511-B

Base verticale - Barra chiusa
Straight base - Close clamping bar



HV 511-SB

Base verticale - Barra piena
Straight base - Solid bar



Caratteristiche Specifications	Articolo Article	Codice Code	Portata Kg Capacity Kg	Peso g Weight g	
Base orizzontale - Barra a "U" / *Horizontal base - "U" bar*	**HV 510**	191470	454	1020	10
Base orizzontale - Barra piena / *Horizontal base - Solid bar*	**HV 510-S**	191517	454	1020	10
Base verticale - Barra a "U" / *Straight base - "U" bar*	**HV 511-B**	191555	454	1020	10
Base verticale - Barra piena / *Straight base - Solid bar*	**HV 511-SB**	191593	454	1020	10

HV 750 | HV 850 | HV 950 | HV 1050

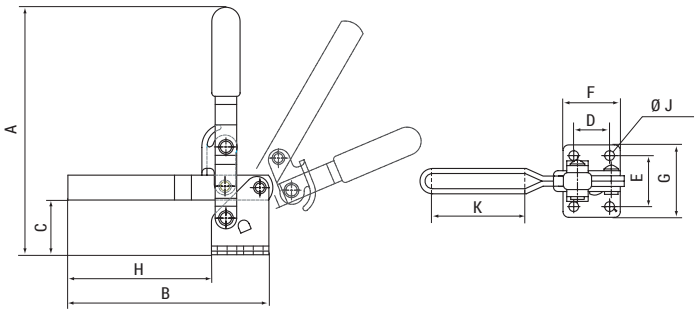
Forniti **senza** puntale in neoprene
Tutti i rivetti sono in acciaio inox.

Neoprene tipped adjustable threaded spindle
to be ordered upon request.
All rivets are made of stainless steel.



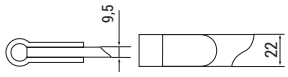
HV 850 / HV 1050

Base orizzontale - Barra chiusa
Horizontal base - Close clamping bar



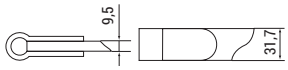
HV 750

Barra piena / *Solid bar*



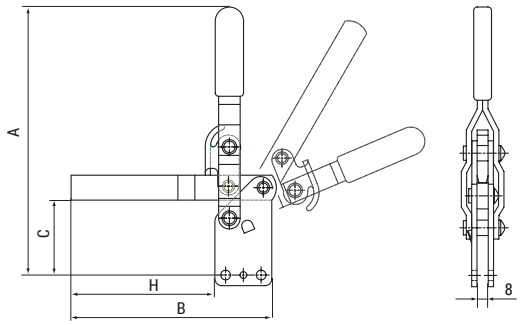
HV 950

Barra piena / *Solid bar*



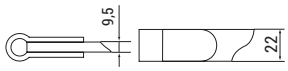
HV 851-B / HV 1051-B

Base verticale - Barra chiusa
Straight base - Close clamping bar



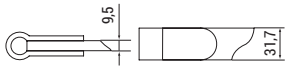
HV 751-B

Barra piena / *Solid bar*



HV 951-B

Barra piena / *Solid bar*



Articolo Article	Codice Code	Portata kg Capacity kg	A	B	C	D	E	F	G	H	J	K	Peso g Weight	
HV 750	148757	454	221,3	177,8	50,8	31,8	45,3	50,8	64,3	127	8,7	–	1020	10
HV 751-B	178747	454	226,5	177,8	56,5	31,8	–	50,8	–	127	8,7	–	1020	10
HV 850	148764	454	221,3	177,8	50,8	31,8	45,3	50,8	64,3	127	8,7	82	1020	10
HV 851-B	178723	454	226,5	177,8	56,5	31,8	–	50,8	–	127	8,7	82	1020	10
HV 950	148771	545	308	225,2	82,5	50,8	69,8	76,2	95	149	12,7	–	2060	10
HV 951-B	178754	545	328,3	225,2	102,5	50,8	–	76,2	–	149	12,7	–	2060	10
HV 1050	148788	545	308	225,2	82,5	50,8	69,8	76,2	95	149	12,7	95	2060	10
HV 1051-B	178730	545	328,3	225,2	102,5	50,8	–	76,2	–	149	12,7	95	2060	10

SF 350 UF 450

Fornito completo di puntale in neoprene.
Tutti i rivetti sono in acciaio inox.
Doppia base di fissaggio.

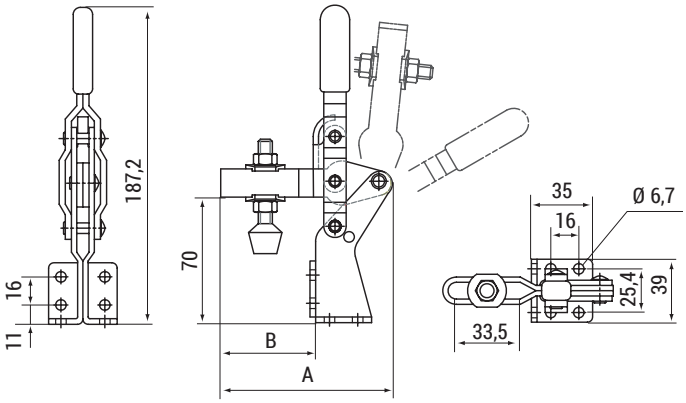
Supplied with neoprene tipped adjustable threaded spindle.
All rivets are made of stainless steel.
Two mounting areas.



Rotazione leva: 60°
Handle moves: 60°

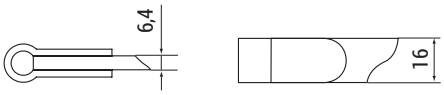
UF 450

Barra chiusa
Close clamping bar

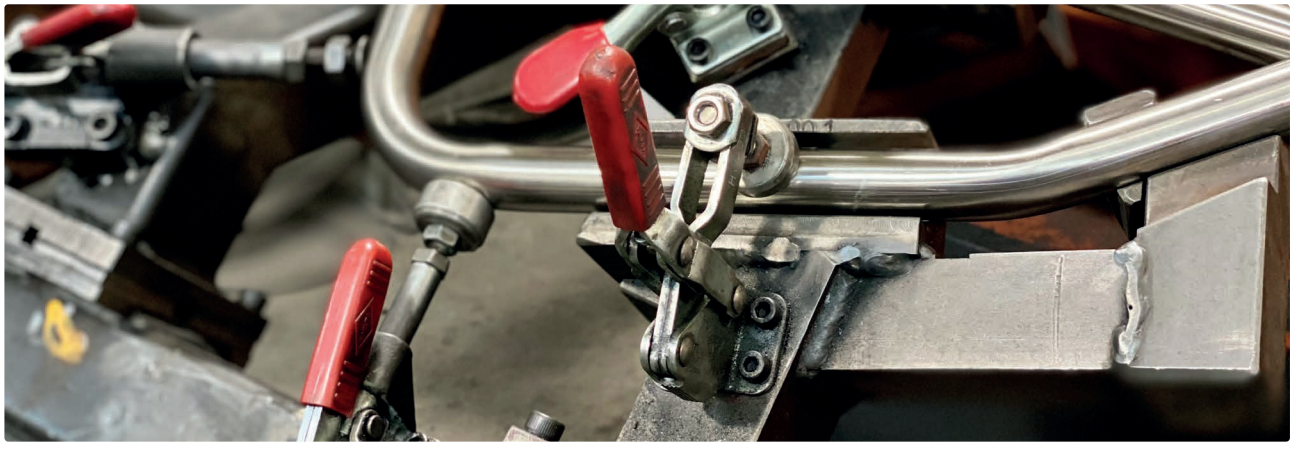


SF 350

Barra piena
Solid bar



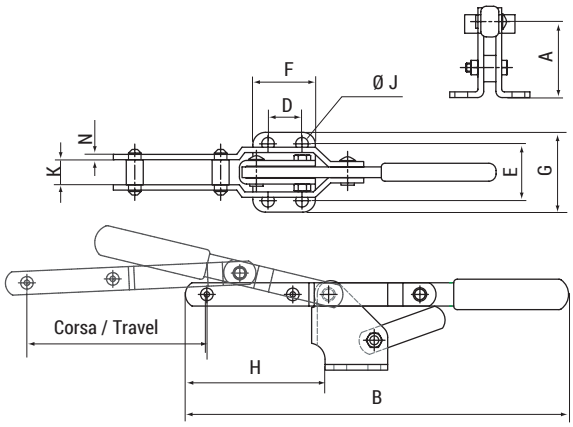
Caratteristiche Specifications	Articolo Article	Codice Code	Portata Kg Capacity Kg	A	B	Peso g Weight g	
Doppia base di fiss.- Barra piena / *Two mounting areas - Solid bar*	**SF 350**	162012	170	103	55	398	10
Doppia base di fiss. - Barra a "U" / *Two mounting areas - "U" bar*	**UF 450**	162029	170	96,7	49,7	398	10



PA 150 PA 170 PA 150-2S INOX

Rotazione leva: 145°
Handle moves: 145°





Ideale per bloccaggi e agganci.Il perno regolabile permette all'impugnatura di adattarsi a seconda delle diverse esigenze.
Tutti i rivetti sono in acciaio inox.

This clamp is latch and pull action type.
The stop can be set for handle travelling.
All rivets are made of stainless steel.

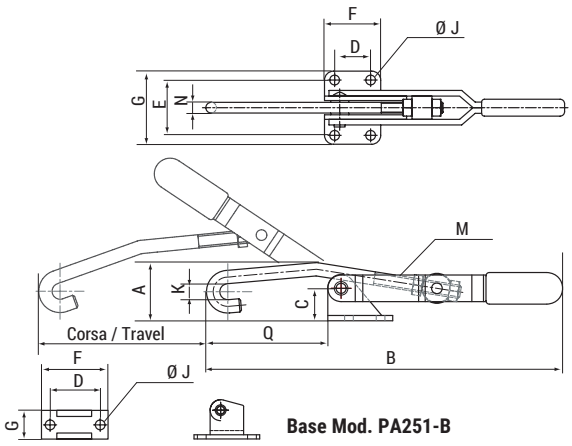
Articolo Article	Codice Code	INOX	Cod. Code	Portata kg Capacity kg	A	B	D	E	F	G	H	J	K	N	Corsa Travel	Peso g Weight	
PA 150	148795	PA 150-2S	210485	170	41,3	223	19	31,8	35	45	78	7,1	14,2	3,2	101,6	340	10
PA 170	178778			545	52,3	246	32	45,2	48	64,2	80	8,3	14,2	3,2	85,8	530	10

PA 50 PA 250 PA 251-B PA 270 PA 350

PA 50-2S / PA 250-2S / PA 251-B-2S / PA 270-2S INOX

Rotazione leva: 145°
Handle moves: 145°



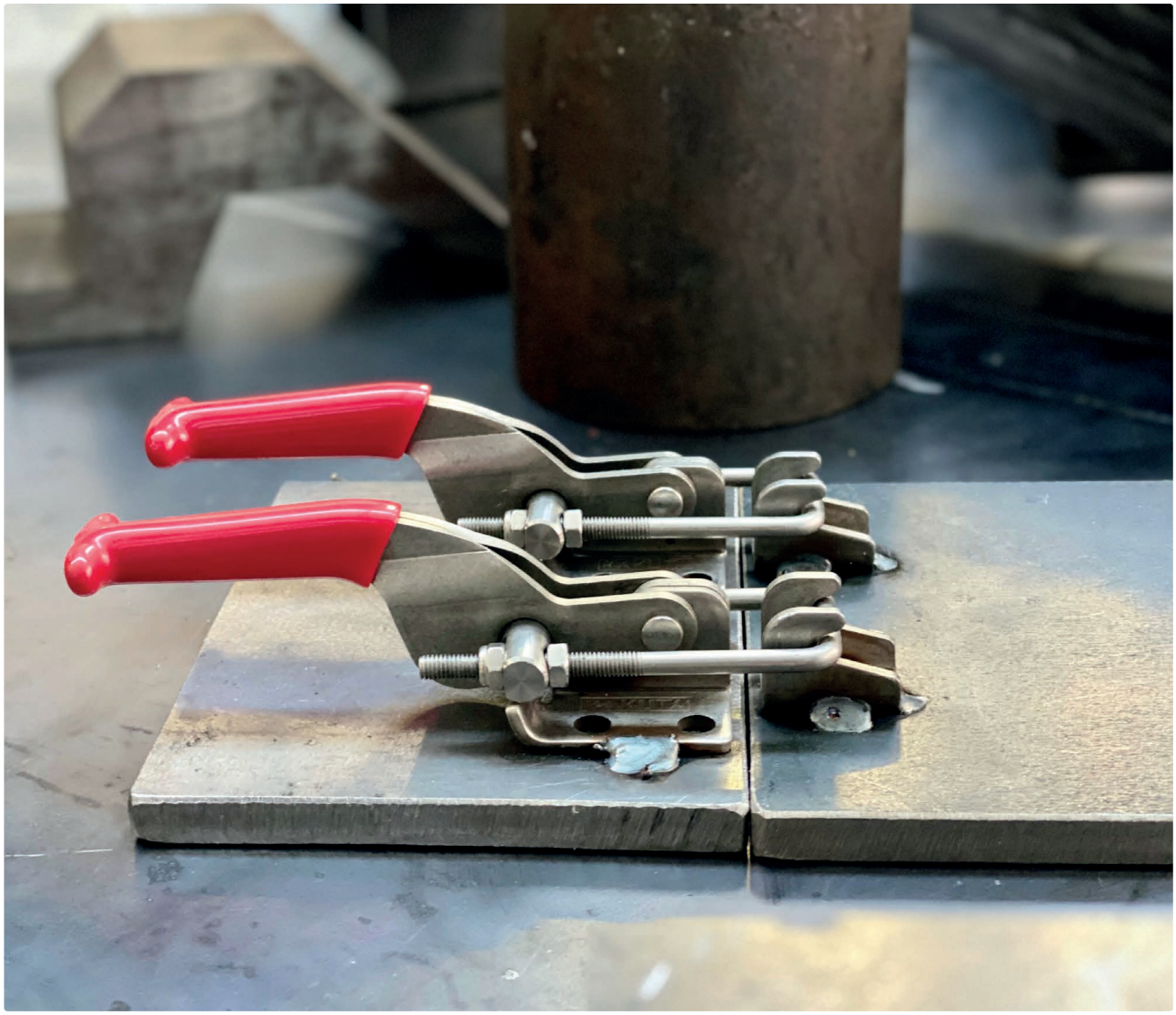


Base Mod. PA251-B

Il meglio per la chiusura di coperchi e coperture di cisterne o serbatoi. Uncino regolabile in lunghezza. *Tutti i rivetti sono in acciaio inox.*

The hook type bar of this clamphangs a fixture and clamps by pulling.
The bar is tapped so that length of the bar can be adjusted.
All rivets are made of stainless steel.

Articolo Article	Codice Code	INOX	Codice Code	Port. kg Cap. kg	A	B	C	D	E	F	G	J	K	M	N	Q min	Q max	Corsa Travel	Peso g Weight	
PA 50	195188	PA 50-2S	211109	110	24,5	151,2	14,5	12,7	31	26	43	5,2x9,9	8	M6x1,00	5,9	40,7	47	70	110	10
PA 250	148801	PA 250-2S	193436	170	35	214	20	19	35	39	50	5,2	9,5	M8x1,25	7,9	52,1	60	101,6	271	10
PA 251-B	170086	PA 251-B-2S	211116	170	35	214	20	38,2	-	50	14,7	2,5	9,5	M8x1,25	7,9	39,9	47,8	101,6	262	10
PA 270	183116	PA 270-2S	210492	340	54,6	319	36	32	49,2	50	67,2	8,7	12,7	M10x1,50	9,9	72,2	89,7	155,7	621	10
PA 350	178785			450	67	358	46	28,5	60,5	54	86	10,3	16	M12x1,75	11,9	59,8	78,8	140	1130	10

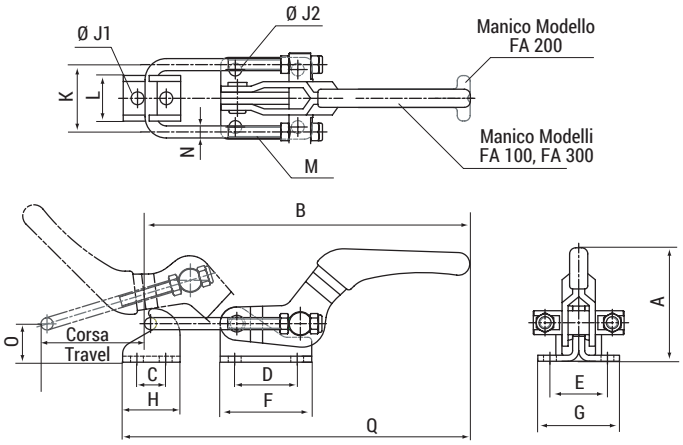


FA 100 FA 200 FA 300

FA 100-2S / FA 200-2S / FA 300-2S INOX

Rotazione leva: 145°
Handle moves: 145°





Fornito completo di piastra di riscontro.
Tutti i rivetti sono in acciaio inox.

Supplied with latch plate.
All rivets are made of stainless steel.

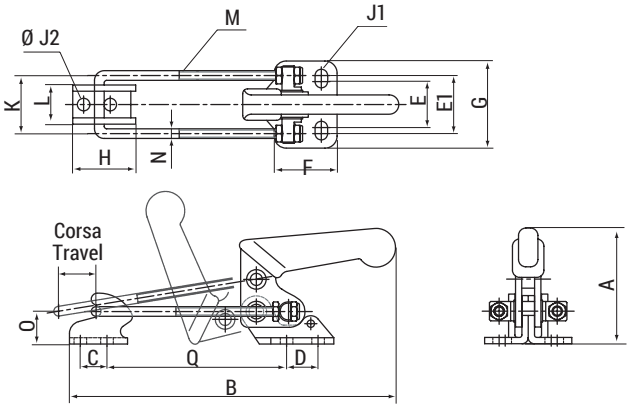
Art. Article	Codice Code	INOX	Cod. Code	Port. kg Cap. kg	A	B	C	D	E	F	G	H	J1	J2	K	L	M	N	O	Q min	Q max	Corsa Travel	Peso Weight	
FA 100	159531	**FA 100-2S**	192057	106	29	101	10	16	19	26	27,8	20	4,2	4,2	19	13	M4x0,7	3,5	12	96	108,5	30	70	10
FA 200	148818	**FA 200-2S**	181150	320	49,8	148,4	14,3	19	32	41	44,5	26	6,8	6,8	25,4	17,5	M5x0,8	4,8	16	144,4	159,4	48	215	10
FA 300	159548	**FA 300-2S**	192064	900	75	215	19	41,3	38	60,5	54	38	8,5	8,5	30,2	30,2	M8x1,25	7,9	23,4	211	230	63	620	10

FA 102 FA 202 FA 302

FA 102-2S / FA 202-2S INOX

Rotazione leva: 145°
Handle moves: 145°





Fornito completo di piastra di riscontro.
Tutti i rivetti sono in acciaio inox.

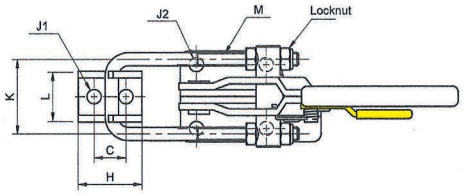
Supplied with latch plate.
All rivets are made of stainless steel.

Art. Article	Codice Code	INOX	Cod. Code	Port. kg Cap. kg	A	B	C	D	E	E1	F	G	H	J1	J2	K	L	M	N	O	Q min	Q max	Corsa Travel	Peso Weight	
FA 102	179256	**FA 102-2S**	211123	140	41,3	132,4	11	13	19	24	26	36	26	5,2x7,7	5,2	24	16,2	M4x0,7	3,5	12	38	70	16	100	10
FA 202	195195	**FA 202-2S**	211147	250	66,4	185,2	14	19	25	32	35	48	35,2	6,5x10	6,5	31	17,5	M6x1,0	5,8	19	48	90	24	300	10
FA 302	195201			450	85	247,6	19	32	36	45	51	65	40	8,5x13	8,5	42	28	M8x1,25	7,9	25	65	120	32	710	10

FA 200-RL FA 300-RL NEW

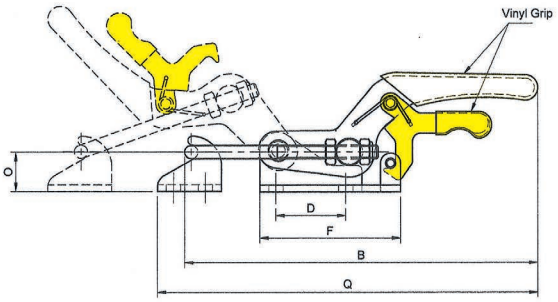
Rotazione leva: 145°
Handle moves: 145°

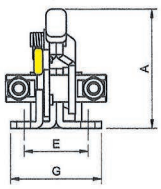




Con leva anti-sgancio.
Fornito completo di piastra di riscontro.
Tutti i rivetti sono in acciaio inox.

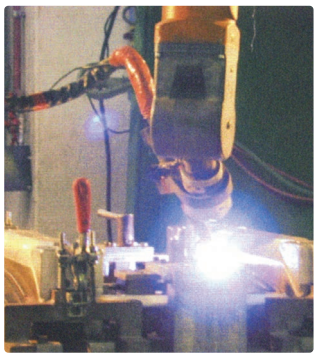
Anti-realease lever.
Supplied with latch plate.
All rivets are made of stainless steel.

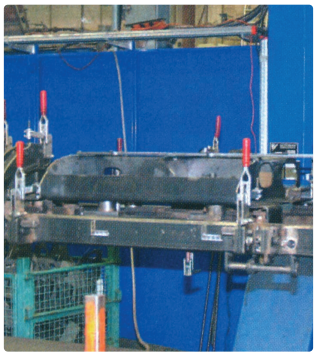
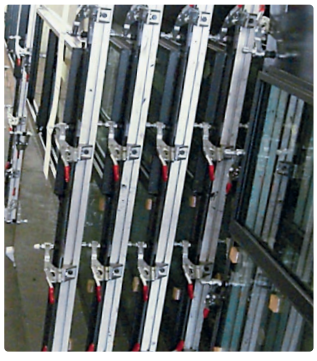




Articolo Article	Codice Code	Port. kg Cap. kg	A	B	C	D	E	F	G	H	J1	J2	K	L	M	O	Q min	Q max	Peso g Weight	
FA 200-RL	210287	320	50	147	14,3	16,5	32	63	44,5	26	6,8	6,8x9,3	25,4	17,5	M5x0,8P	16	144	159	255	10
FA 300-RL	210294	900	72,7	215	19	41,3	38	83,5	54	38	8,5	8,5	44,5	30,2	M8x1,25P	23,4	211	230	685	10






FA 130 FA 230 FA 330

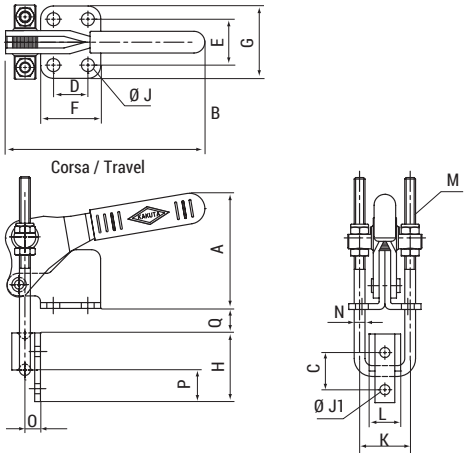
90°

FA 130-2S / FA 230-2S / FA 330-2S INOX



Base d'appoggio perpendicolare alla direttrice della forza. Fornito completo di piastra di riscontro. Tutti i rivetti sono in acciaio inox.

Main base perpendicular to the force action line. Supplied with latch plate.
All rivets are made of stainless steel.



Articolo Article	Codice Code	INOX	Cod. Code	Port. kg Cap. kg	A	B	C	D	E	F	G	H	J	J1	K	L	M	N	O	P	Q min	Q max	Corsa Travel	Peso Weight	
FA 130	190527	FA 130-2S	211130	227	51	80,5	14,3	12,7	22	25,4	35	25,5	5,2	4,3	20,5	13,5	M4x0,7	3,5	4,7	11,8	12,2	25	37	115	10
FA 230	190534	FA 230-2S	203302	454	63,7	110,4	20,6	19	25,4	33,5	40	38	7,2	5,3	28	17,4	M6x1,0	5,9	8,6	17,5	13,6	36	35	270	10
FA 330	190541	FA 330-2S	210508	907	73,5	137,5	27	32	36,5	50	54,5	54	8,7	8,7	44,5	30	M8x1,25	7,9	12,7	22,8	19	51,8	40	680	10

FA 140 FA 240 FA 340

90°

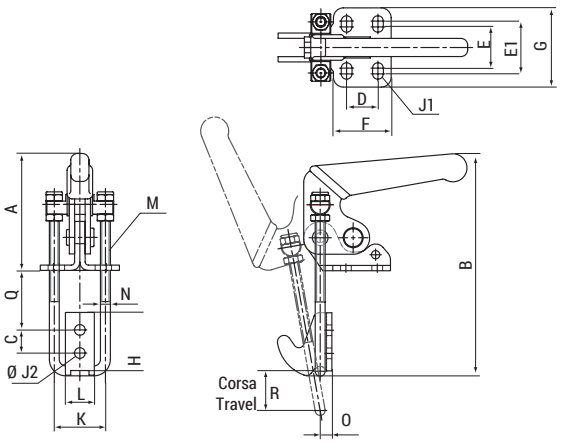
Rotazione leva: 145°
Handle moves: 145°

FA 140-2S / FA 240-2S / FA 340-2S INOX



Base d'appoggio perpendicolare alla direttrice della forza. Fornito completo di piastra di riscontro. Tutti i rivetti sono in acciaio inox.

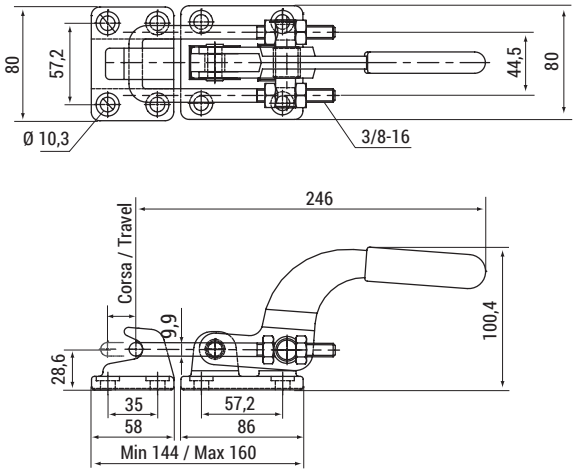
Main base perpendicular to the force action line. Supplied with latch plate.
All rivets are made of stainless steel.



Articolo Article	Codice Code	INOX	Cod. Code	Port. kg Cap. kg	A	B	C	D	E	E1	F	G	H	J1	J2	K	L	M	N	O	Q min	Q max	Corsa Travel	Peso Weight	
FA 140	178792	FA 140-2S	193429	140	48	91,8	11	13	19	24	26	36	24	5,2x7,7	5,2	24	16,2	M4x0,7	3,5	5	5	29	23	110	10
FA 240	178808	FA 240-2S	185608	250	63,6	121	14	19	25	32	35	48	35,2	6,5x10	6,5	31	17,5	M6x1,0	5,8	7	6,5	35	28	300	10
FA 340	178815	FA 340-2S	210515	450	85	169,7	19	32	36	45	51	65	40	8,5x13	8,5	42	28	M8x1,25	7,9	9	8	48	36	710	10

FA 600





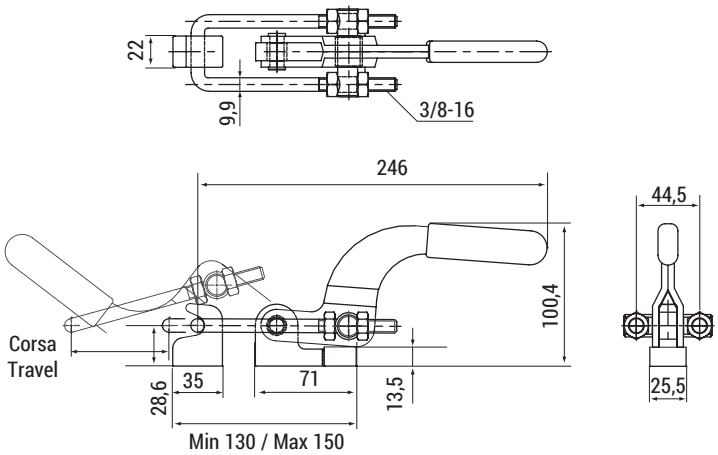
Tutti i rivetti sono in acciaio inox.
Piastra di riscontro **non** inclusa. (Cod.193719)

All rivets are made of stainless steel.
*Latch plate available as an **optional** accessory. (Cod.193719)*

Caratteristiche Specifications	Articolo Article	Codice Code	Portata Kg Capacity Kg	Corsa Travel	Peso g Weight g	
	FA 600	195218	1815	88	1250	10
Piastra di riscontro / *Latch plate*	**Piastra**	193719				

FA 601-B





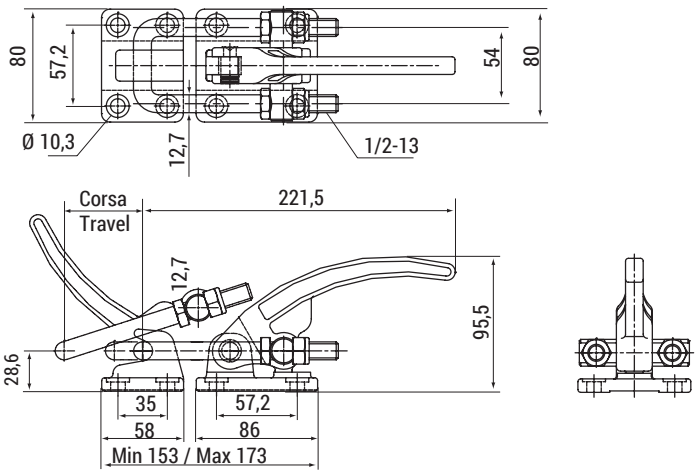
Tutti i rivetti sono in acciaio inox.
Fornito completo di piastra di riscontro.

All rivets are made of stainless steel.
Latch plate included.

Caratteristiche Specifications	Articolo Article	Codice Code	Portata Kg Capacity Kg	Corsa Travel	Peso g Weight g	
Piastra di riscontro inclusa / *Latch plate included*	**FA 601-B**	195225	1815	102	1135	10

FA 700



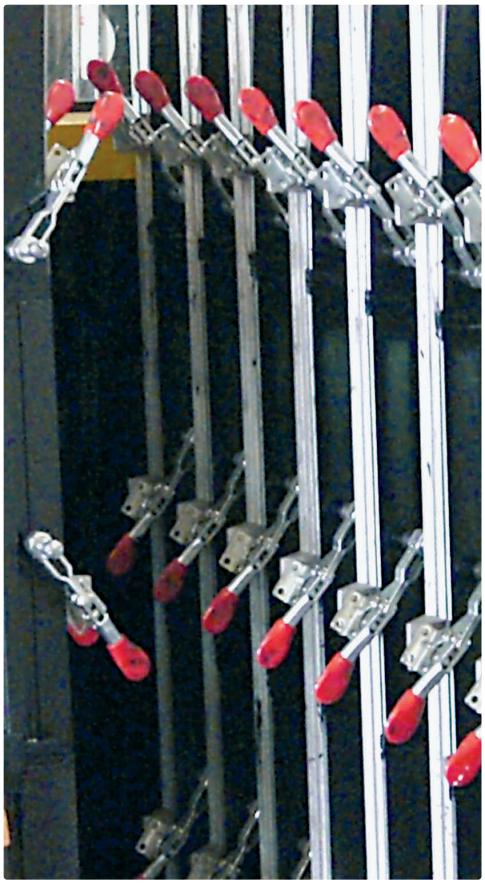


Tutti i rivetti sono in acciaio inox.
Piastra di riscontro **non** inclusa. (Cod.193719)

All rivets are made of stainless steel.
*Latch plate available as an **optional** accessory. (Cod.193719)*

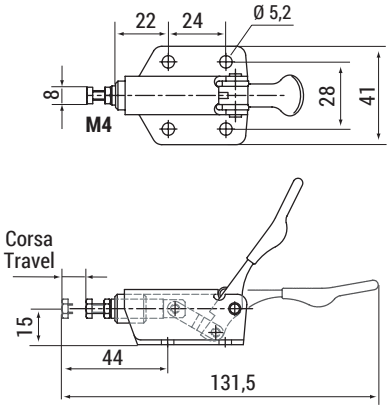
Caratteristiche Specifications	**Articolo** Article	**Codice** Code	**Portata Kg** Capacity Kg	**Corsa** Travel	**Peso g** Weight g	
	FA 700	190510	3400	40	1640	10
Piastra di riscontro / *Latch plate*	**Piastra**	193719				





SL 07





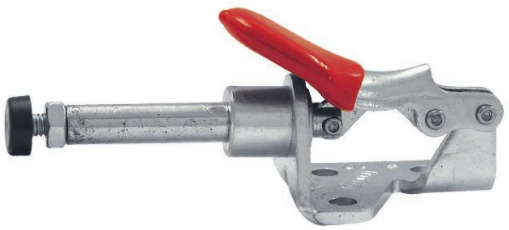
Tutti i rivetti sono in acciaio inox.
Fornito completo di puntale in neoprene.

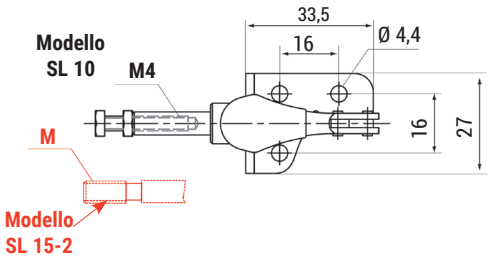
All rivets are made of stainless steel
Supplied with neoprene threaded spindle.

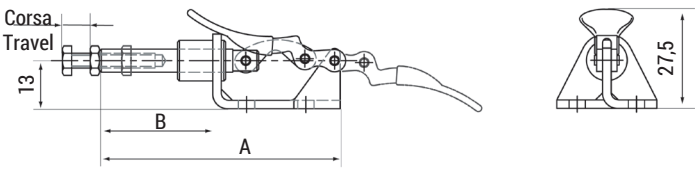
Caratteristiche Specifications	Articolo Article	Codice Code	Portata Kg Capacity Kg	Corsa Travel	Peso g Weight g	
Innesto perno filetto femmina / *Female thread*	**SL 07**	179270	50	10	100	10

SL 10 SL 15-2

SL 10-2S / SL 15-2-2S INOX





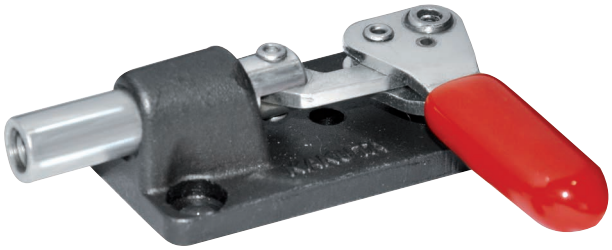


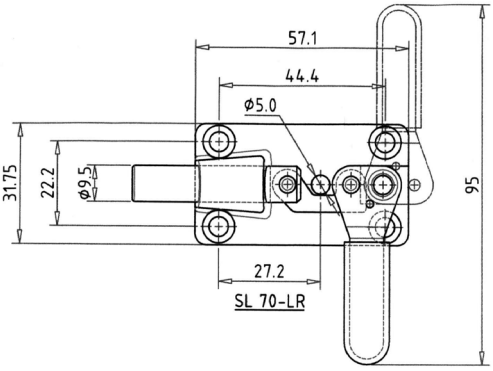
Tutti i rivetti sono in acciaio inox.
Fornito completo di puntale in neoprene.

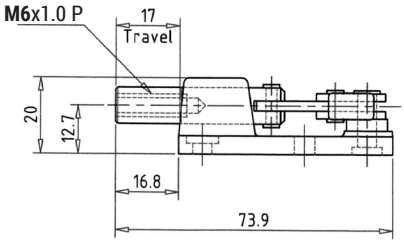
All rivets are made of stainless steel
Supplied with neoprene threaded spindle.

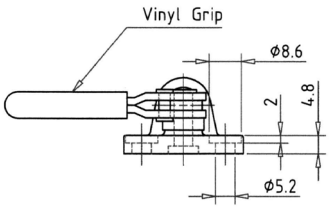
Caratteristiche Specifications	Articolo Article	Codice Code	INOX	Cod. Code	Portata Kg Cap. Kg	A	B	M	Corsa Travel	Peso g Weight g	
Inn.asta filetto femmina / *Female thread*	**SL 10**	159562	**SL 10-2S**	211154	45	66,5	32	**M4**	16	40	10
Inn. asta filetto maschio / *Male thread*	**SL 15-2**	195065	**SL 15-2-2S**	211161	45	73,5	39	**M6**	17	40	10

SL 70-LR







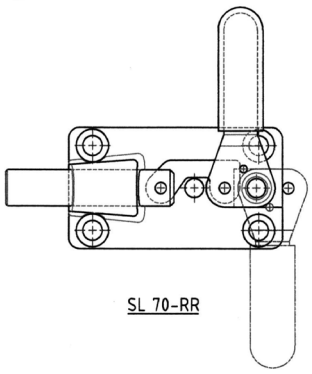


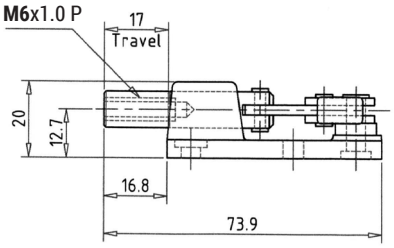
Tutti i rivetti sono in acciaio inox.
All rivets are made of stainless steel.

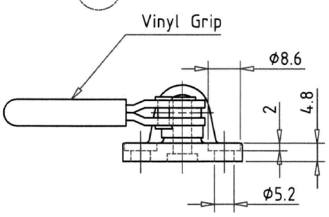
Caratteristiche Specifications	Articolo Article	Codice Code	Portata Kg Capacity Kg	Peso g Weight g	
Serraggio con rotazione sinistra / *Left rotating*	**SL 70-LR**	210539	90	130	10

SL 70-RR





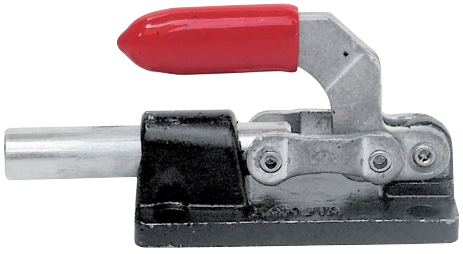


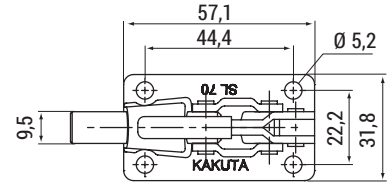


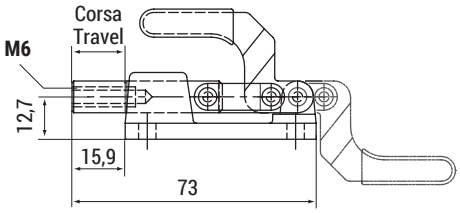
Tutti i rivetti sono in acciaio inox.
All rivets are made of stainless steel.

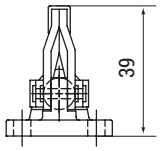
Caratteristiche Specifications	Articolo Article	Codice Code	Portata Kg Capacity Kg	Peso g Weight g	
Serraggio con rotazione destra / *Right rotating*	**SL 70-RR**	210522	90	130	10

SL 70 | SL 70-2S INOX







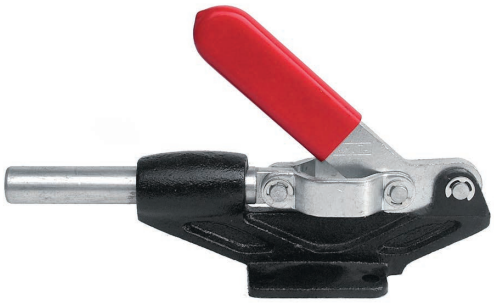


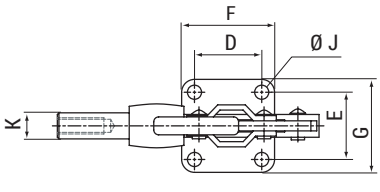
Tutti i rivetti sono in acciaio inox.

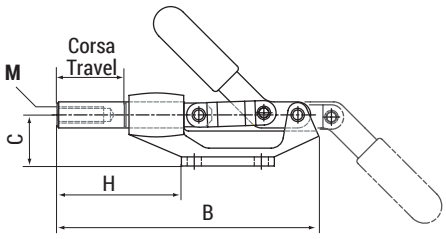
All rivets are made of stainless steel

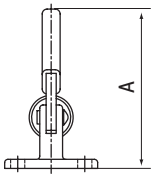
Caratteristiche Specifications	Articolo Article	Codice Code	INOX	Codice Code	Portata Kg Capacity Kg	Corsa Travel	Peso g Weight g	
Innesto perno filetto femmina / *Female thread*	**SL 70**	195072	**SL 70-2S**	211178	136	16	226	10

SL 100 | SL 200 | SL 300









Molto potente. Corpo in fusione di acciaio, mod. SL 300 in FCD e montaggio di precisione antiattrito. Tutti i rivetti sono in acciaio inox.

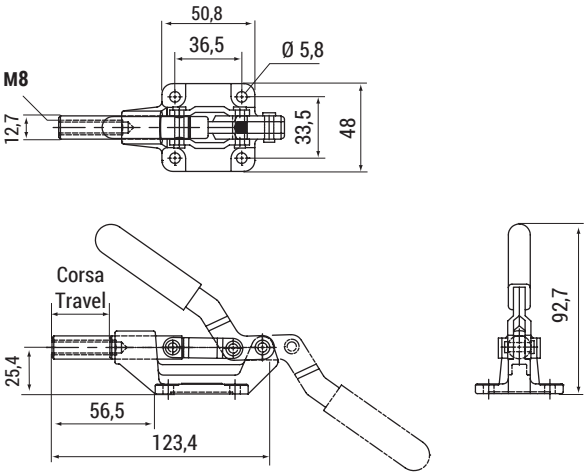
These extra heavy duty clamps are constructed of lost waxed steel, except SL 300, composed of FCD.
All rivets are made of stainless steel.

Articolo Article	Codice Code	Portata kg Capacity kg	A	B	C	D	E	F	G	H	J	K	M	Corsa Travel	Peso g Weight	
SL 100	148849	220	70,4	124,2	25,4	35	41,3	50,8	57,1	57,2	6,5	12,7	**M8**	30,2	306	10
SL 200	148863	380	96,3	156	31,7	41,3	41,3	57,1	57,1	77	8,4	16	**M10**	41,3	555	10
SL 300	148887	680	139	242	44,5	50,8	50,8	69,8	69,8	120	8,7	19	**M12**	59,5	1430	10

SL 105-2

SL 105-2-2S INOX



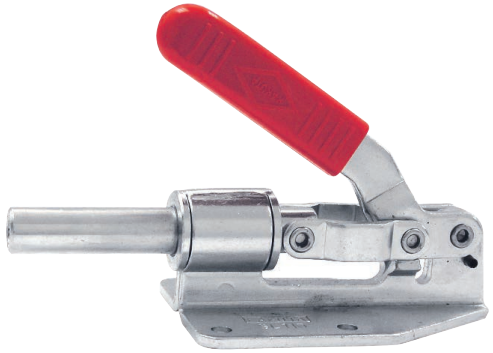


Molto potente. Corpo in fusione di acciaio e montaggio di precisione antiattrito. Tutti i rivetti sono in acciaio inox.

These extra heavy duty clamps are constructed of lost waxed steel. All rivets are made of stainless steel.

Caratteristiche Specifications	Articolo Article	Codice Code	INOX	Codice Code	Portata Kg Capacity Kg	Corsa Travel	Peso g Weight g	
Base orizzontale / *Horizontal base*	**SL 105-2**	190503	**SL 105-2-2S**	208321	220	30,2	380	10

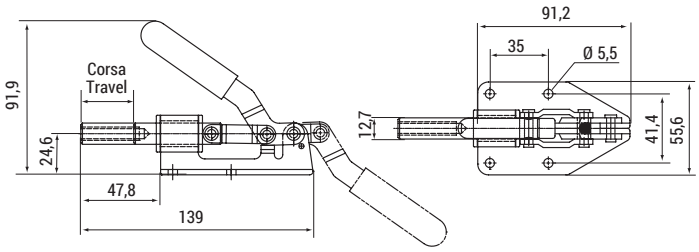
SL 110



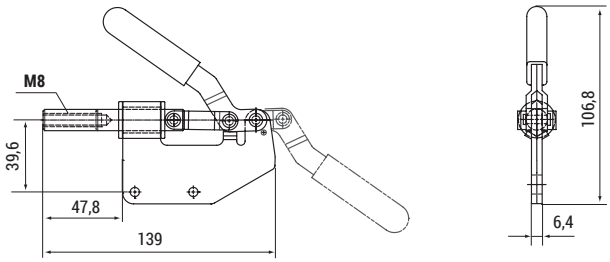
Molto potente. Corpo in acciaio SS41 e montaggio di precisione antiattrito.
Tutti i rivetti sono in acciaio inox.

These extra heavy duty clamps are constructed of SS41 steel.
All rivets are made of stainless steel.

SL 110 — Base orizzontale / *Horizontal base*



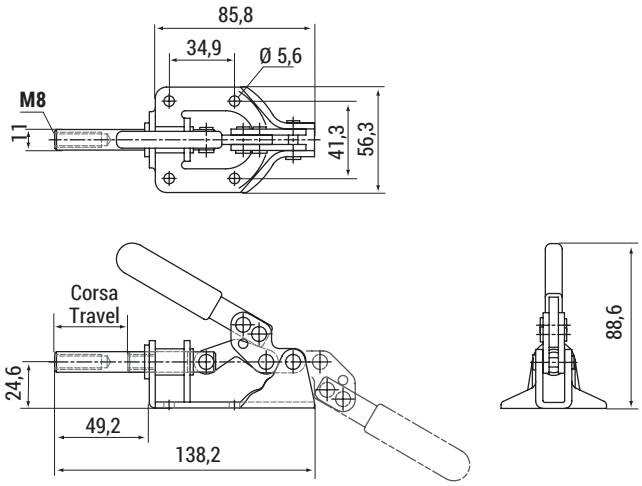
SL 111-B — Base verticale / *Straight base*



Caratteristiche Specifications	Articolo Article	Codice Code	Portata Kg Capacity Kg	Corsa Travel	Peso g Weight g	
Base orizzontale / *Horizontal base*	**SL 110**	195089	136	32	399	10
Base verticale / *Straight base*	**SL 111-B**	195096	136	32	399	10

SL 150



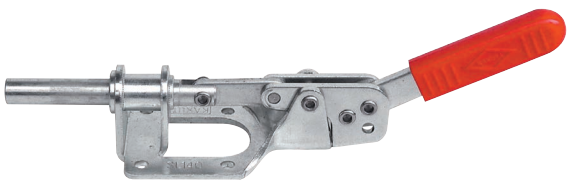


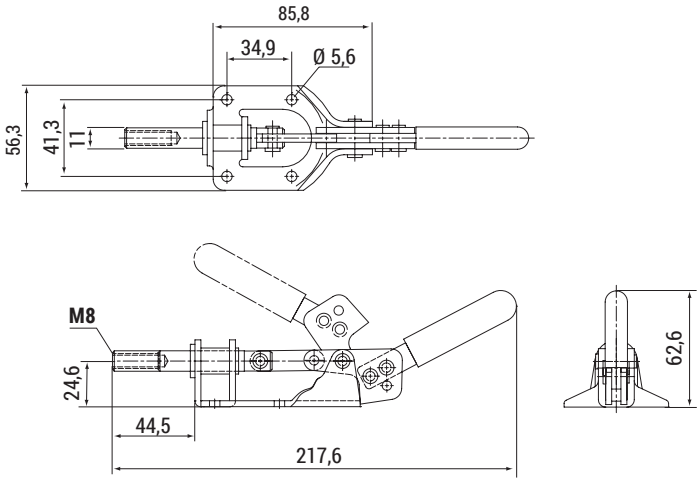
Questo popolare modello a stantuffo può sia spingere che tirare mediante rimozione dei rivetti del manico. Tutti i rivetti sono in acciaio inox.

This popular plunger clamp can be used for push and pull clamping removing the rivets in the handle. All rivets are made of stainless steel.

Caratteristiche Specifications	Articolo Article	Codice Code	Portata Kg Capacity Kg	Corsa Travel	Peso g Weight g	
Base orizzontale / *Horizontal base*	**SL 150**	148856	135	30	285	10

SL 160





Applicazione della forza con leva in posizione arretrata. Tutti i rivetti sono in acciaio inox.

Pushing force is applied moving lever backwise. All rivets are made of stainless steel.

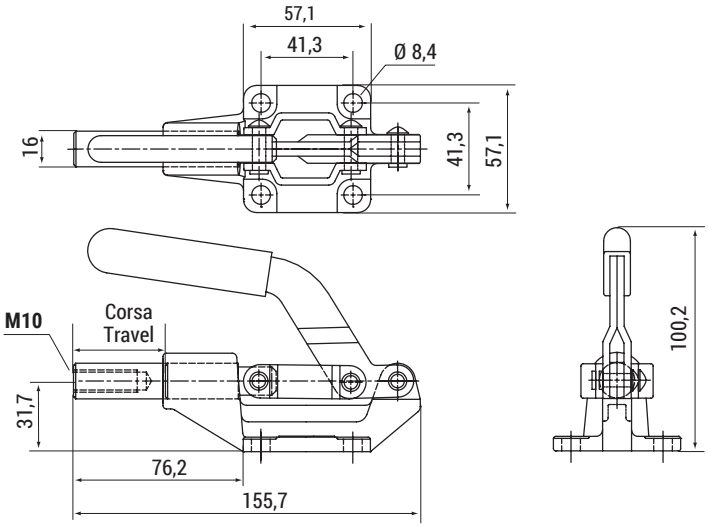
Caratteristiche Specifications	Articolo Article	Codice Code	Portata Kg Capacity Kg	Corsa Travel	Peso g Weight g	
Base orizzontale / *Horizontal base*	**SL 160**	195102	135	24	315	10





SL 210



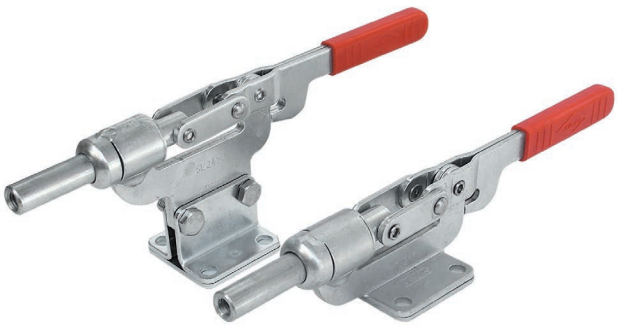


Molto potente. Corpo in fusione di acciaio e montaggio di precisione antiattrito.
Tutti i rivetti sono in acciaio inox.

These extra heavy duty clamps are constructed of lost waxed steel. All rivets are made of stainless steel.

Caratteristiche Specifications	Articolo Article	Codice Code	Portata Kg Capacity Kg	Corsa Travel	Peso g Weight g	
Base orizzontale / *Horizontal base*	**SL 210**	195157	385	42	570	10

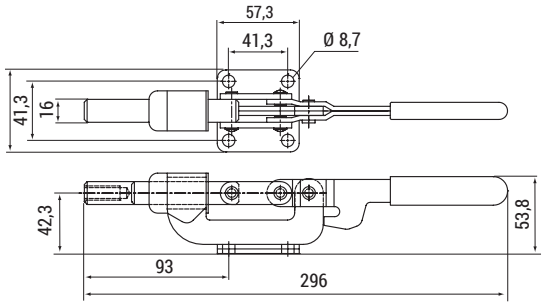
SL 240



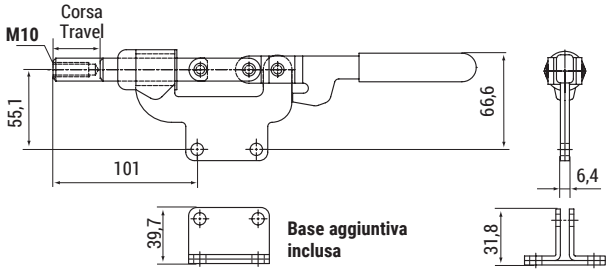
Molto potente. Corpo in acciaio SS41 e montaggio di precisione antiattrito.
Tutti i rivetti sono in acciaio inox.

These extra heavy duty clamps are constructed of of SS41 steel.
All rivets are made of stainless steel.

SL 240 — Base orizzontale / *Horizontal base*

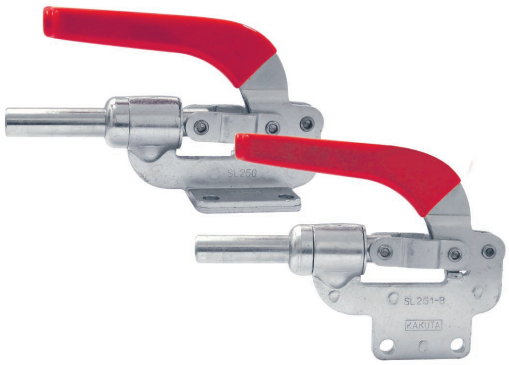


SL 241-B — Base verticale / *Straight base*



Caratteristiche Specifications	Articolo Article	Codice Code	Portata Kg Capacity Kg	Corsa Travel	Peso g Weight g	
Base orizzontale / *Horizontal base*	**SL 240**	195164	360	31	760	10
Base verticale + aggiuntiva inclusa / *Removable base bracket*	**SL 241-B**	195171	360	31	960	10

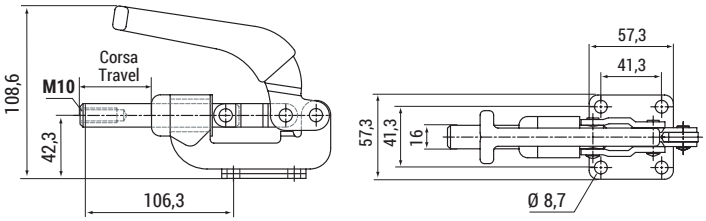
SL 250



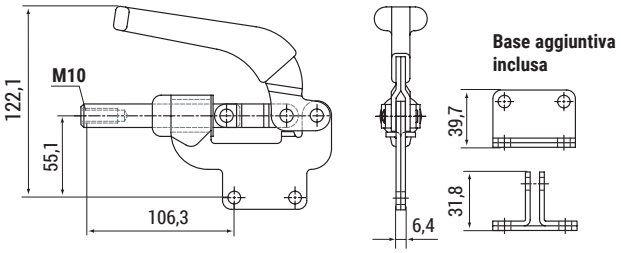
Per utilizzo pesante. Blocca sia in fase di spinta che di trazione. Tutti i rivetti sono in acciaio inox.

Heavy duty clamps for hard applications. The plunger locks in both push and pull positions. All rivets are made of stainless steel.

SL 250 Base orizzontale / *Horizontal base*

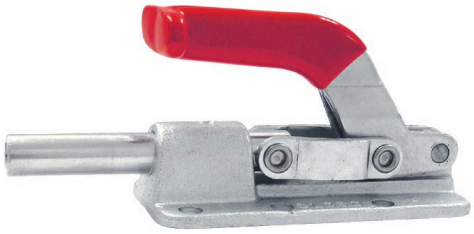


SL 251-B Base verticale / *Straight base*



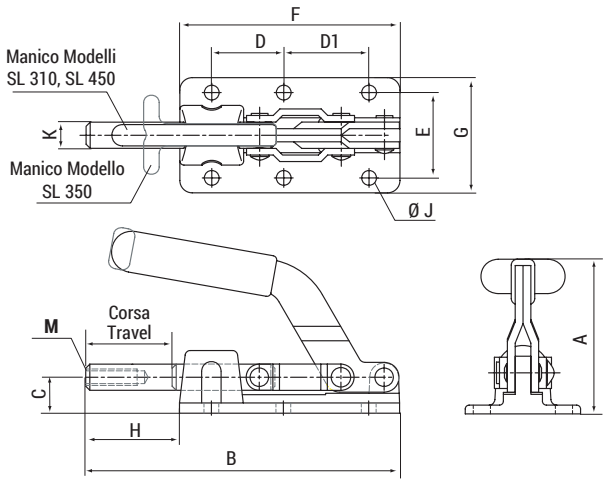
Caratteristiche Specifications	Articolo Article	Codice Code	Portata Kg Capacity Kg	Corsa Travel	Peso g Weight g	
Base orizzontale / *Horizontal base*	**SL 250**	148870	360	41,2	760	10
Base verticale + aggiuntiva inclusa / *Removable base bracket*	**SL 251-B**	178853	360	41,2	960	10

SL 310 SL 350 SL 450



Molto potente. Corpo forgiato per sopportare qualsiasi sforzo. Blocca sia in fase di spinta che di trazione. Tutti i rivetti sono in acciaio inox.

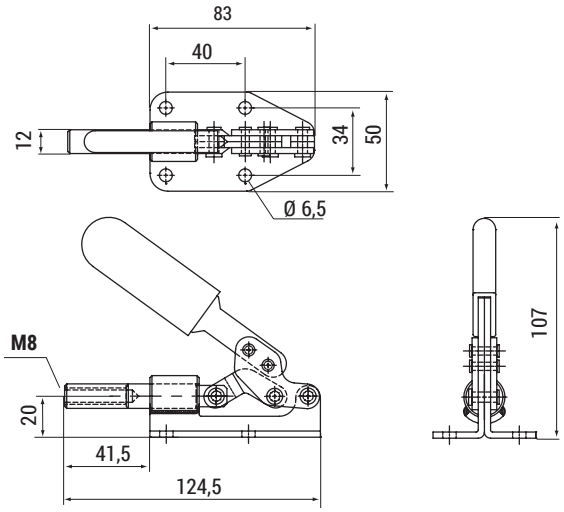
Forged steel main body for heavy duty applications. The plunger locks in both push and pull positions. All rivets are made of stainless steel.



Articolo Article	Codice Code	Portata kg Capacity kg	A	B	C	D	D1	E	F	G	H	J	K	M	Corsa Travel	Peso g Weight	
SL 310	179430	360	89,4	154	17,5	35	41,5	41,5	107	56	47	7,2	12,7	**M8**	42	650	10
SL 350	148894	1000	76,6	181	21	35	41	42	130	59	51	8,8	16	**M10**	50	954	10
SL 450	179447	3000	106	320	32	90,5	90,5	54	216	76	104	10,3	22	**M12**	100	3100	10

02



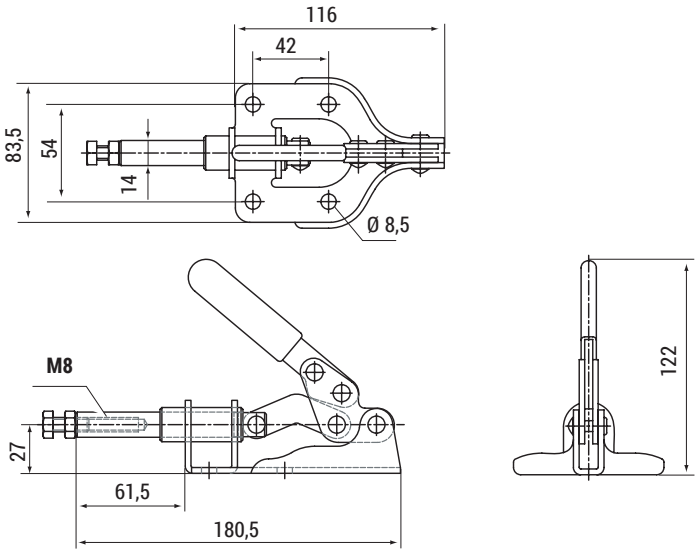


Tutti i rivetti sono in acciaio inox.
All rivets are made of stainless steel.

Caratteristiche Specifications	Articolo Article	Codice Code	Portata Kg Capacity Kg	Corsa Travel	Peso g Weight g	
Base orizzontale / *Horizontal base*	**02**	193177	200	30	330	10

51

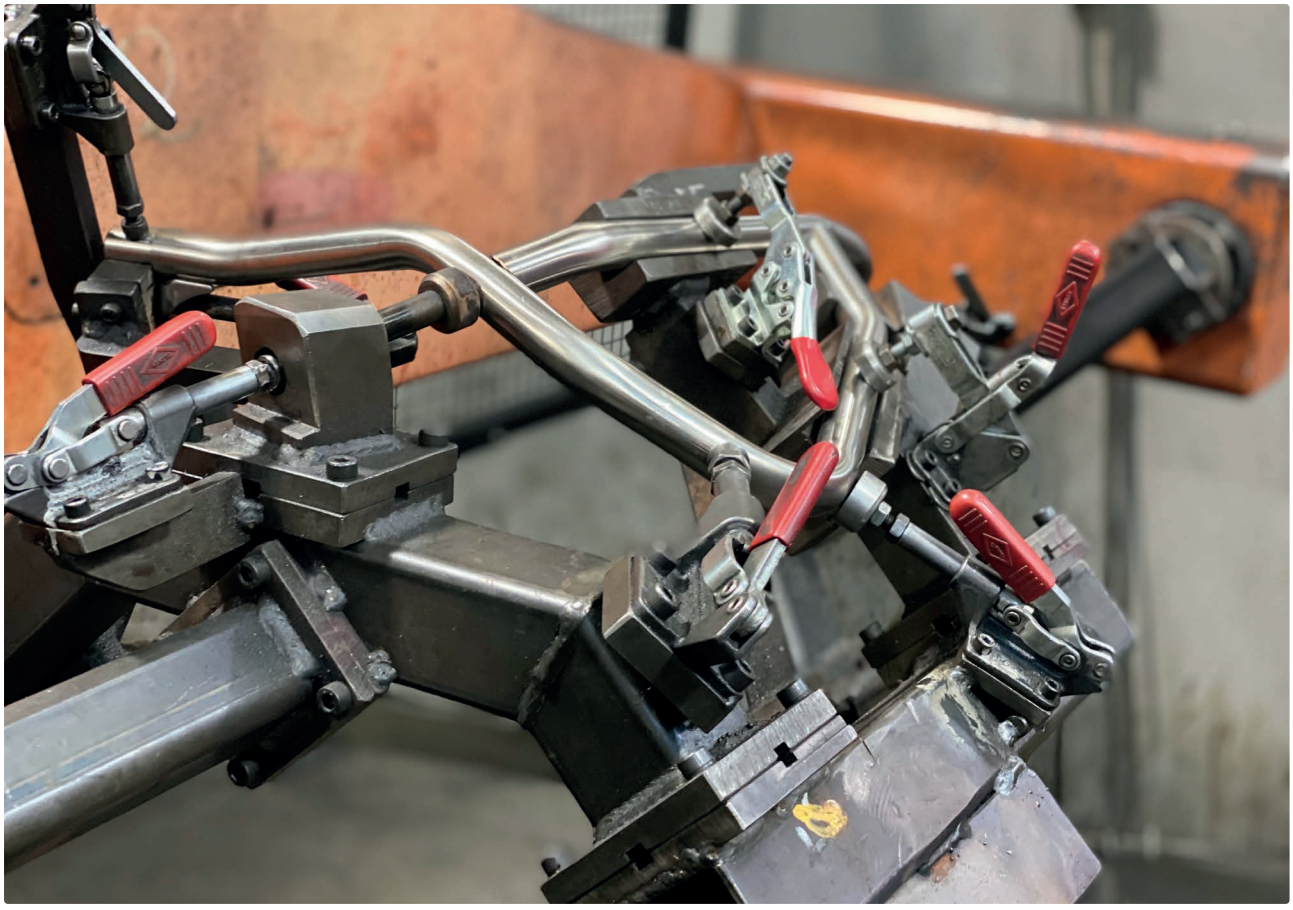


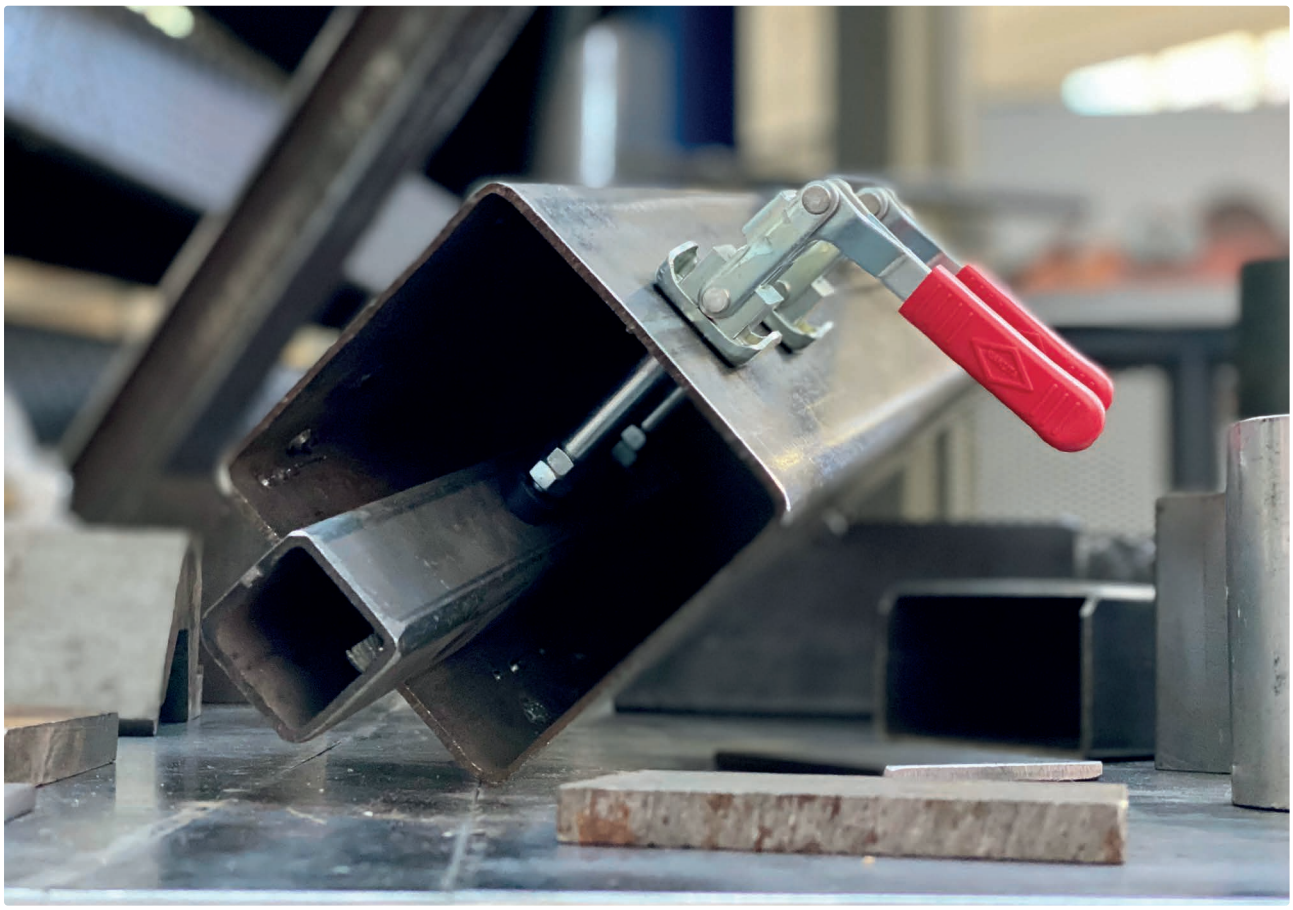


Fornito con puntale esagonale e dado.
Tutti i rivetti sono in acciaio inox.

Supplied with hex head and bolt adjustable spindle. All rivets are made of stainless steel.

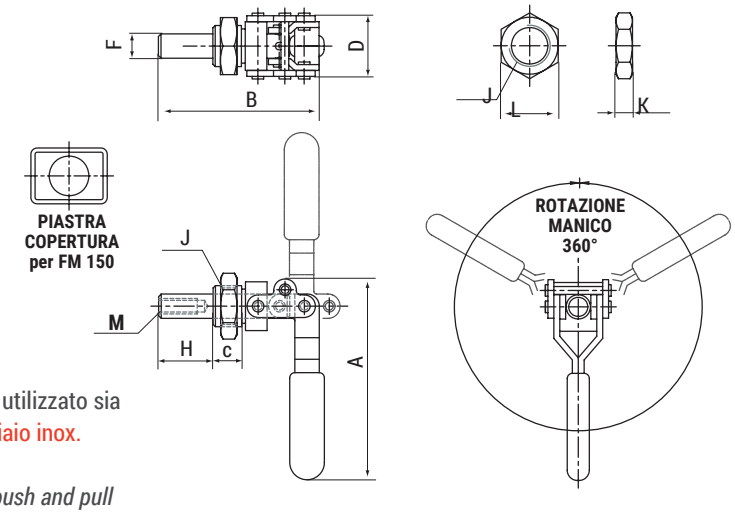
Caratteristiche Specifications	Articolo Article	Codice Code	Portata Kg Capacity Kg	Corsa Travel	Peso g Weight g	
Base orizzontale / *Horizontal base*	**51**	179263	220	47	330	10





FM 50 | FM 150 | FM 250 | FM 50-2S / FM 150-2S INOX





Possibilità di rotazione a 360°. Per questo è ampiamente utilizzato sia in fase di spinta che di trazione. Tutti i rivetti sono in acciaio inox.

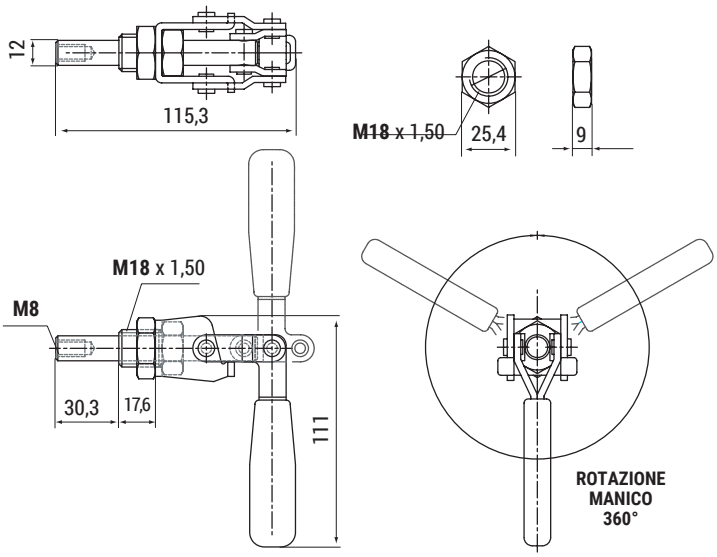
Handle rotation: 360°. Widely applicable and workable for push and pull action. All rivets are made of stainless steel.

Articolo Article	Cod. Code	INOX	Cod. Code	Portata kg Capacity kg	A	B	C	D	F	H	J	K	L	M	Corsa Travel	Peso g Weight	
FM 50	159555	**FM 50-2S**	193450	90	78	62	12,6	26,5	9,5	20,5	M16X1,50	6	22	**M6**	19	103	10
FM 150	148825	**FM 150-2S**	193443	150	107,8	107,3	15,9	31,6	11	38,4	M20X1,50	6	25,4	**M8**	38,1	260	10
FM 250	148832			320	142	170,7	22,2	48,1	16	69,8	M27X2,00	6,4	38	**M10**	66,7	757	10

FM 150-1 | FM 150-1-2S INOX

IMPUGNATURA MAGGIORATA



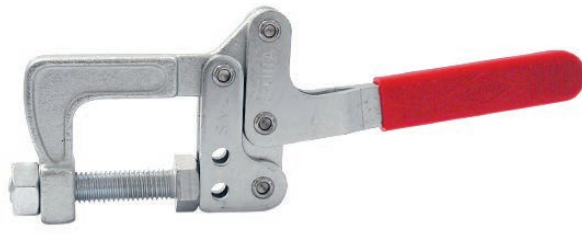


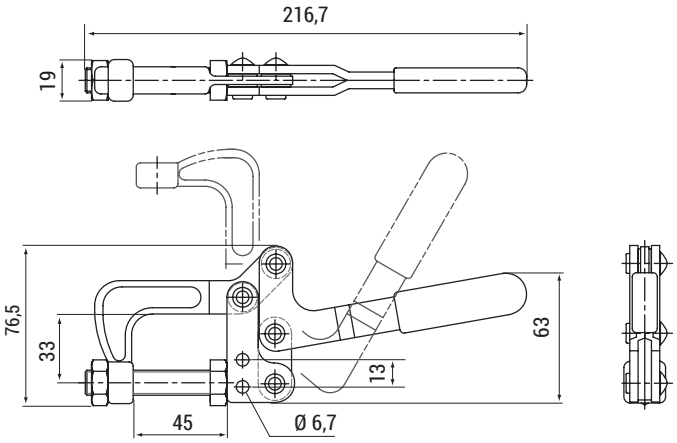
Possibilità di rotazione a 360°. Per questo è ampiamente utilizzato sia in fase di spinta che di trazione. Impugnatura maggiorata per una presa più confortevole.
Tutti i rivetti sono in acciaio inox.

Handle rotation: 360°. Widely applicable and workable for push and pull action. Larger handle grip for operation comfort.
All rivets are made of stainless steel.

Caratteristiche Specifications	Articolo Article	Codice Code	INOX	Codice Code	Portata Kg Capacity Kg	Corsa Travel	Peso g Weight g	
Imp. maggiorata / *Larger handle grip*	**FM 150-1**	180092	**FM 150-1-2S**	211185	150	26	380	10

SA 2





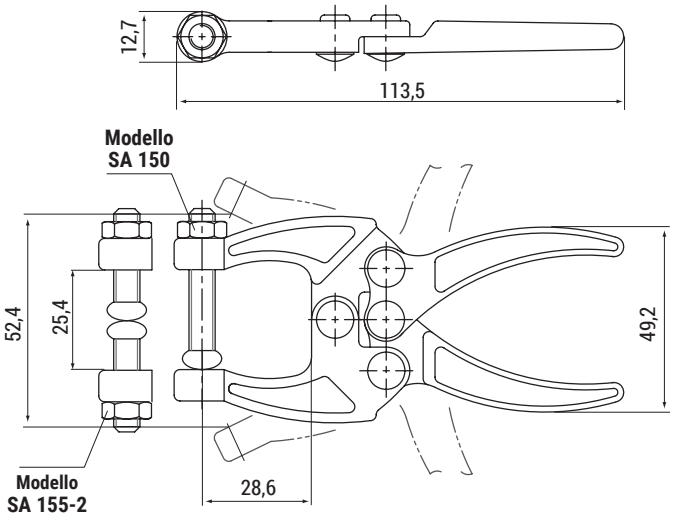
Rotazione della ganascia: 90°.
Apertura: 0-35 mm.
Tutti i rivetti sono in acciaio inox.

Jaw moves: 90°.
Jaw opening: 0-35 mm.
All rivets are made of stainless steel.

Caratteristiche Specifications	**Articolo** Article	**Codice** Code	**Portata Kg** Capacity Kg	**Peso g** Weight g	
Rotazione ganascia 90° / *Jaw moves 90°*	**SA 2**	161992	400	518	10

SA 150 SA 155-2





Apertura: da ganascia a ganascia:
25,4 mm - Con vite: 9,5 mm.
Forgiata, per utilizzo medio-leggero.
Per tutte le viti di pressione filetto M6 x 1,0 P.
Tutti i rivetti sono in acciaio inox.

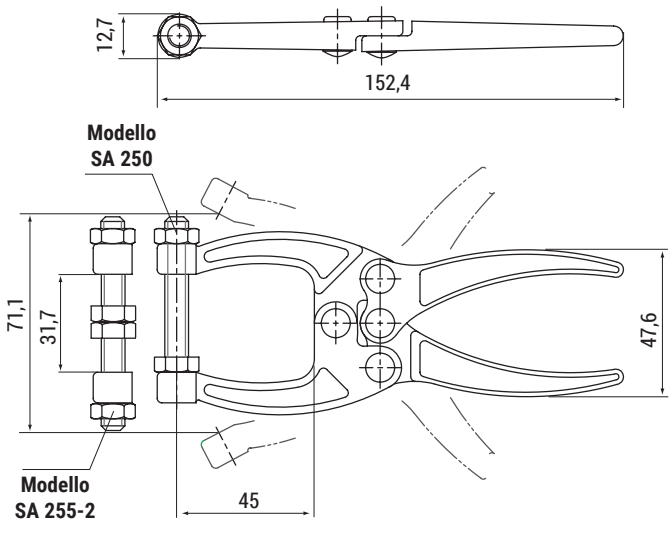
Clamping capacity: Jaw to jaw:
25,4 mm. - With spindle: 9,5 mm.
Forged steel plier clamp for small jobs requiring squeeze action. Accepts all M6 x 1,0 P spindles.
All rivets are made of stainless steel.

Caratteristiche Specifications	**Articolo** Article	**Codice** Code	**Portata Kg** Capacity Kg	**Peso g** Weight g	
Singolo puntale vinile / *Single vinil-coated spindle*	**SA 150**	148412	90	157	10
Con 2 puntali vinile / *Two vinil-coated spindles*	**SA 155-2**	195232	90	157	10



SA 250 SA 255-2





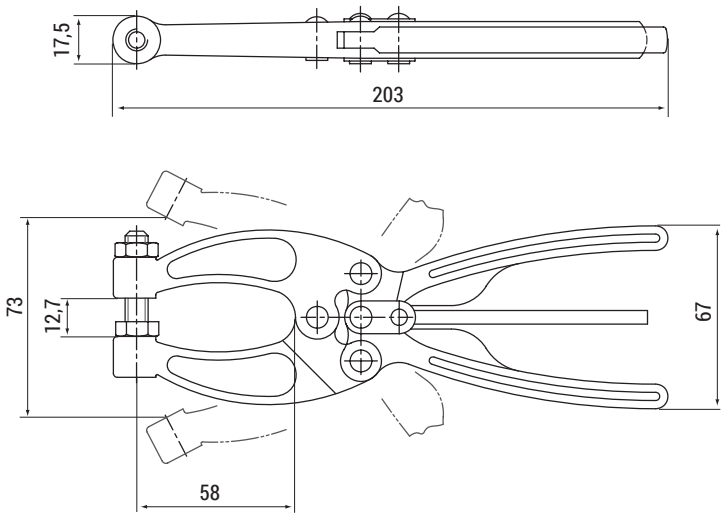
Apertura: da ganascia a ganascia:
31,7 mm - Con vite: 19,0 mm.
Forgiata, per utilizzo medio-pesante.
Per tutte le viti di pressione filetto
M8 x 1,25 P.

Clamping capacity: Jaw to jaw:
31,7 mm. - With spindle: 19,0 mm.
Forged steel clamp, offering medium range holding pressur and compact size. Accepts all M8 x 1,25 P spindles.

Caratteristiche Specifications	**Articolo** Article	**Codice** Code	**Portata Kg** Capacity Kg	**Peso g** Weight g	
Singolo puntale a testa zincata / *Single hex-head spindle*	**SA 250**	148429	160	253	10
Con due puntali a testa zincata / *Two hex-head spindles*	**SA 255-2**	195249	160	253	10

SA 350





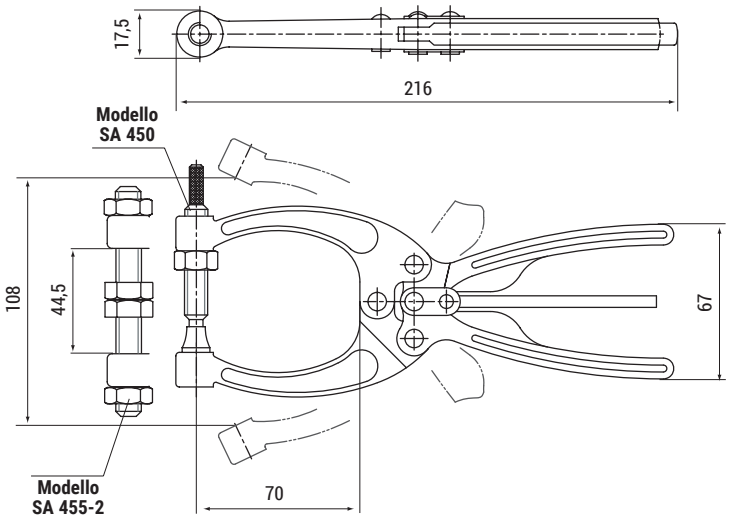
Apertura: da ganascia a ganascia:
12,7 mm - Con vite: 6,35 mm.
Compatta, sottile, molto indicata per spazi angusti.
Per tutte le viti di pressione filetto M8 x 1,25 P.

Clamping capacity: Jaw to jaw:
12,7 mm. - With spindle: 6,35 mm.
Compact, narrow jaw, forged steel clamp for applications in confined areas. Accepts all M8 x 1,25 P spindles.

Caratteristiche Specifications	Articolo Article	Codice Code	Portata Kg Capacity Kg	Peso g Weight g	
Singolo puntale a testa zincata / *Single hex-head spindle*	**SA 350**	148436	318	546	10

SA 450 SA 455-2





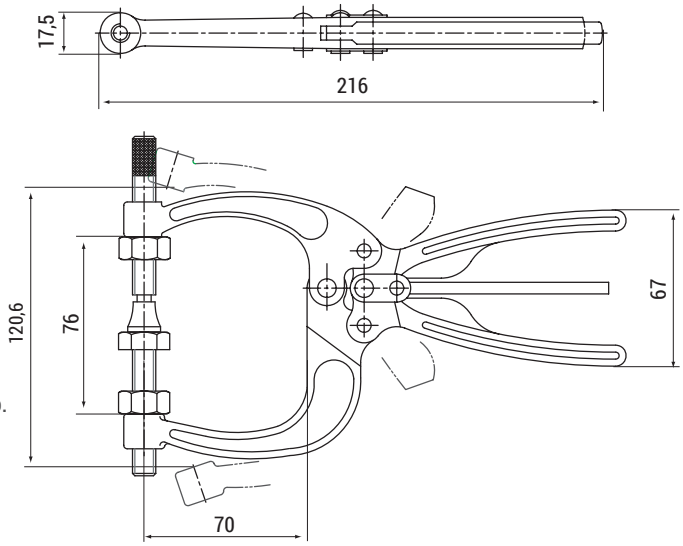
Apertura: da ganascia a ganascia:
44,5 mm - Con vite: 25,4 mm.
La più comune della serie.
Per tutte le viti di pressione filetto M10 x 1,5 P.
Tutti i rivetti sono in acciaio inox.

Clamping capacity: Jaw to jaw:
44,5 mm. - With spindle: 25,4 mm.
The most universal forged steel clamp in the line.
Accepts swivel foot spindle.
All rivets are made of stainless steel.

Caratteristiche Specifications	Articolo Article	Codice Code	Portata Kg Capacity Kg	Peso g Weight g	
Singolo puntale snodato / *Single swivel foot spindle*	**SA 450**	148443	318	596	10
Con due puntali zincati / *Two hex-head spindles*	**SA 455-2**	162005	318	596	10

SA 550

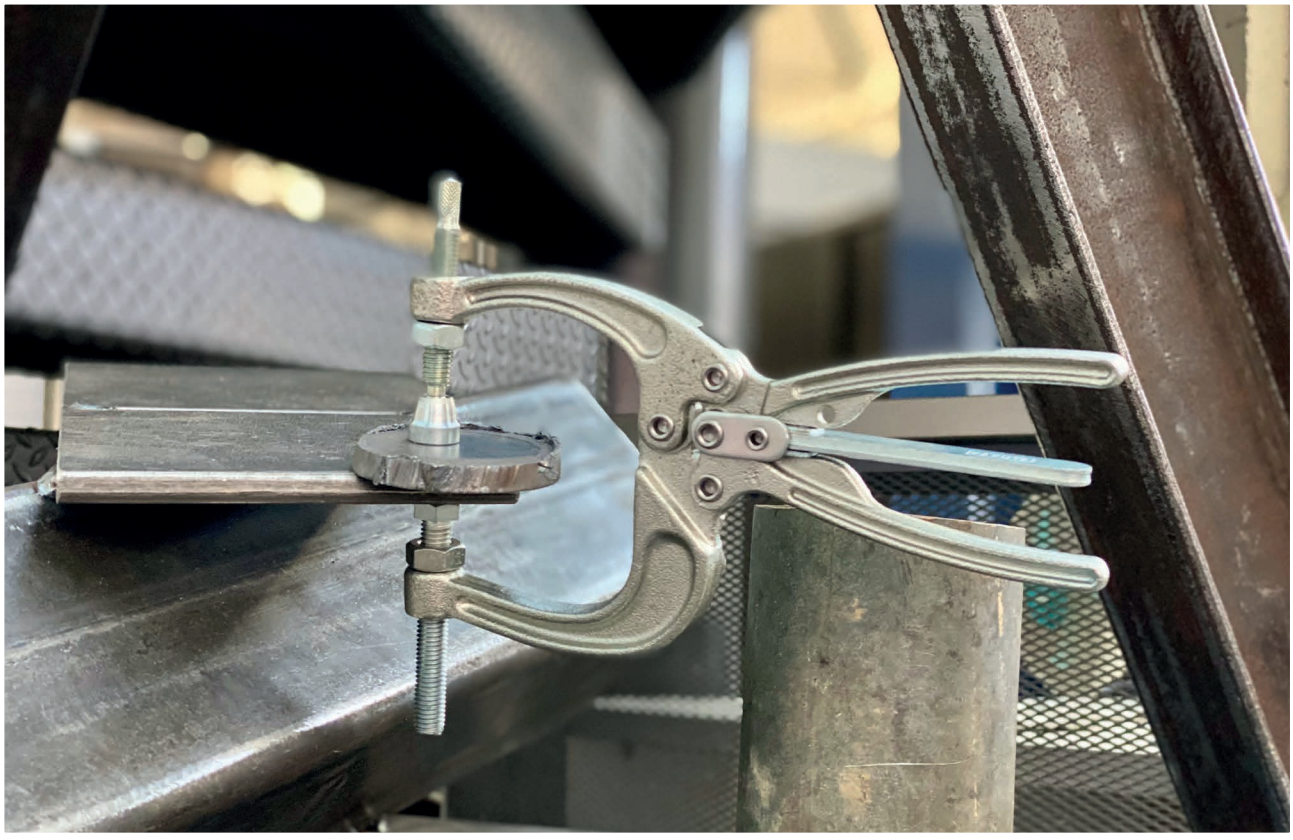




Apertura: da ganascia a ganascia:
25,4 mm - Con vite: 9,5 mm. Forgiata, per utilizzo medio-leggero.
Per tutte le viti di pressione filetto M6 x 1,0 P.
Tutti i rivetti sono in acciaio inox.

Clamping capacity: Jaw to jaw: 25,4 mm. - With spindle: 9,5 mm.
Forged steel plier clamp for small jobs requiring squeeze action.
Accepts all M6 x 1,0 P spindles. All rivets are made of stainless steel.

Caratteristiche Specifications	**Articolo** Article	**Codice** Code	**Portata Kg** Capacity Kg	**Peso g** Weight g	
Un puntale snodato e uno zincato / *One swivel foot spindle, one hex head*	**SA 550**	148450	318	695	10



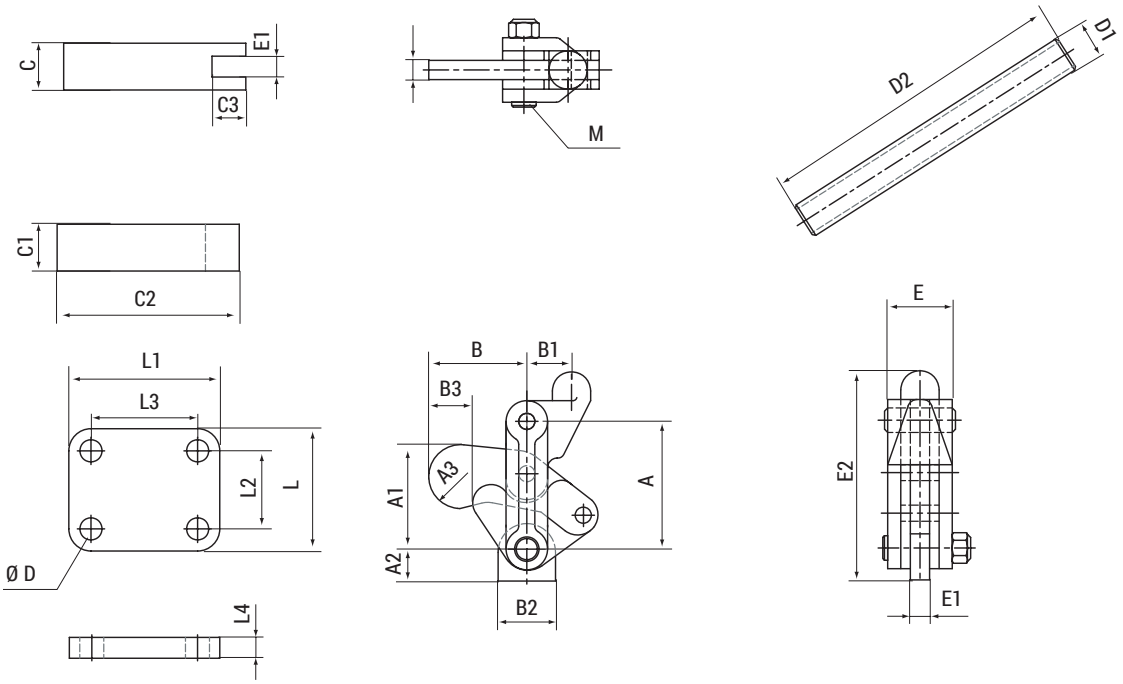
VARI 1X VARI 2X VARI 3X

Questo morsetto è applicabile alle più disparate applicazioni ed esigenze. Totale assenza di usura in virtù della perneria temprata (durezza 60 HRC). Indicato quale corredo di mascheraggi sofisticati e ad alta frequenza d'uso.

As method of assembling vary-clamp can be decided in accordance with working conditions, vary-clamp is applicable widely and used at many working spots. As pin and bush composing fulcrum are finished by heat treatment (hardness HRC 60), they are assembled so that abrasion is avoidable. Accordingly, vary-clamp is most suitable for jigs that are used frequently and are required acccuracy.



Rotazione leva: 130°
Handle moves: 130°



Articolo Article	A	A1	A2	A3	B	B1	B2	B3	C	C1	C2	C3	D	D1	D2	E	E1	E2	L	L1	L2	L3	L4	M
VARI 1X	40	32,7	10	10	30,7	13,8	18	14	16	16	50	10	5,5	12,7	50	28,2	6	65,5	35	28	25	18	6	M5x0,80
VARI 2X	64	50,4	20	14	38,4	12,8	28,6	23	22,2	22,2	58	10	6,5	13,7	120	47	10	110	50	40	35	25	8	5/16–18
VARI 3X	82,6	73	28	18	57	26,3	38	26,5	25	25	72	15	8,5	22	137	60,8	12,3	137,5	60	50	40	30	8	3/8–16

Caratteristiche Specifications	Articolo Article	Codice Code	Portata Kg Capacity Kg	Peso g Weight g	
Base orizzontale / *Horizontal base*	**VARI No. 1X**	179287	340	350	10
Base orizzontale / *Horizontal base*	**VARI No. 2X**	190558	900	1100	10
Base orizzontale / *Horizontal base*	**VARI No. 3X**	190565	1360	2140	10

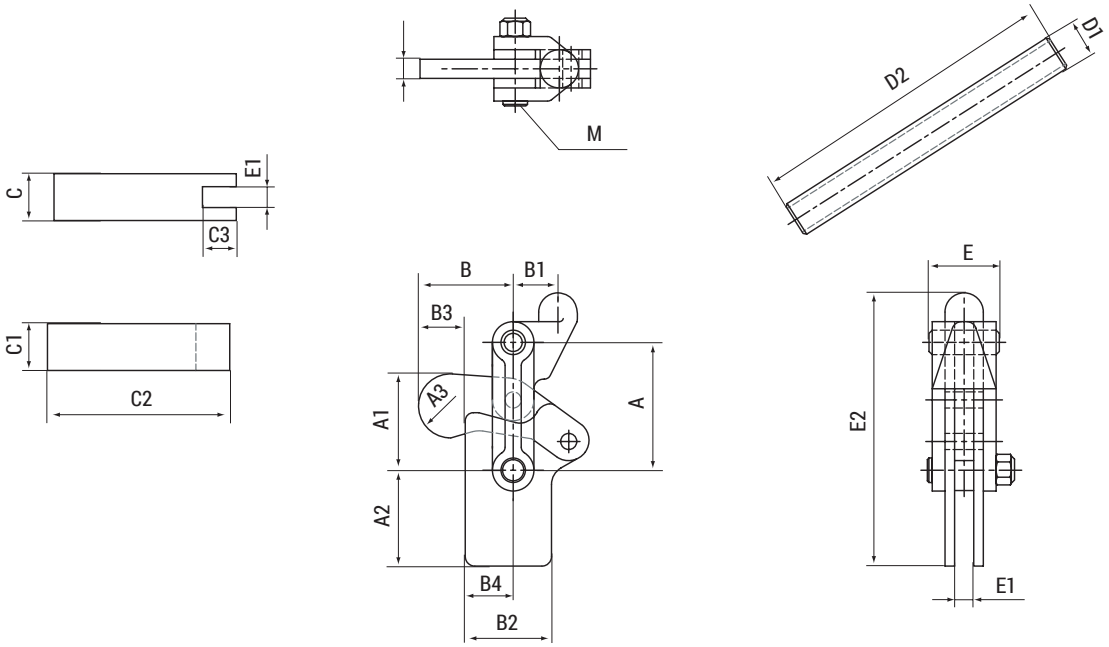
VARI 1X-B VARI 2X-B VARI 3X-B

Questo morsetto è applicabile alle più disparate applicazioni ed esigenze. Totale assenza di usura in virtù della perneria temprata (durezza 60 HRC). Indicato quale corredo di mascheraggi sofisticati e ad alta frequenza d'uso.

As method of assembling vary-clamp can be decided in accordance with working conditions, vary-clamp is applicable widely and used at many working spots.
As pin and bush composing fulcrum are finished by heat treatment (hardness HRC 60), they are assembled so that abrasion is avoidable.
Accordingly, vary-clamp is most suitable for jigs that are used frequently and are required acccuracy.



Rotazione leva: 130°
Handle moves: 130°

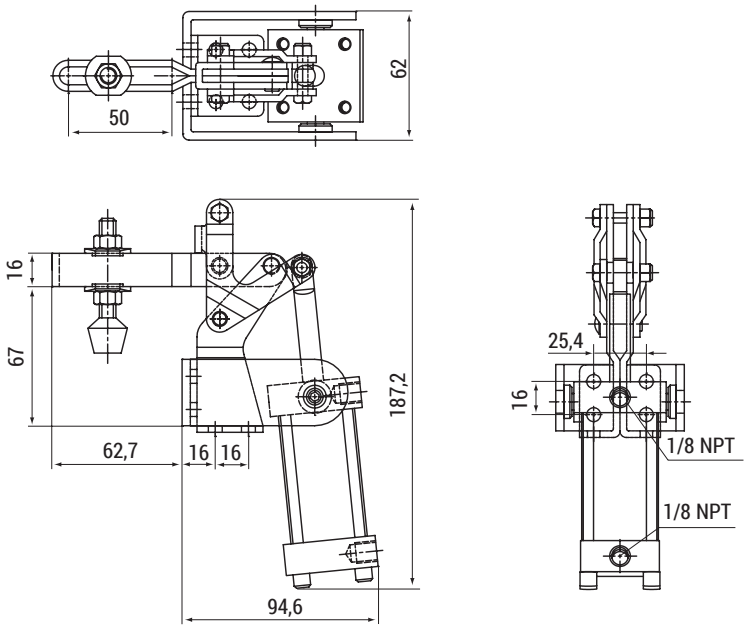


Articolo Article	A	A1	A2	A3	B	B1	B2	B3	B4	C	C1	C2	C3	D1	D2	E	E1	E2	M
VARI 1X-B	40	30	30	10	30,7	14,6	27	31,3	15	16	16	50	10	12,7	50	28,2	6	85,5	M5x0,80
VARI 2X-B	64	47,8	50	14	38,4	13,4	45	45	25	22,2	22,2	58	10	13,7	120	47	10	140	5/16–18
VARI 3X-B	82,6	73	63	18	57	32	50	45	25	25	25	72	15	22	137	60,8	12,3	172,5	3/8–16

Caratteristiche Specifications	Articolo Article	Codice Code	Portata Kg Capacity Kg	Peso g Weight g	
Base verticale / *Straight base*	**VARI No. 1X-B**	190572	340	330	10
Base verticale / *Straight base*	**VARI No. 2X-B**	190589	900	1100	10
Base verticale / *Straight base*	**VARI No. 3X-B**	190596	1360	2140	10

AC 82





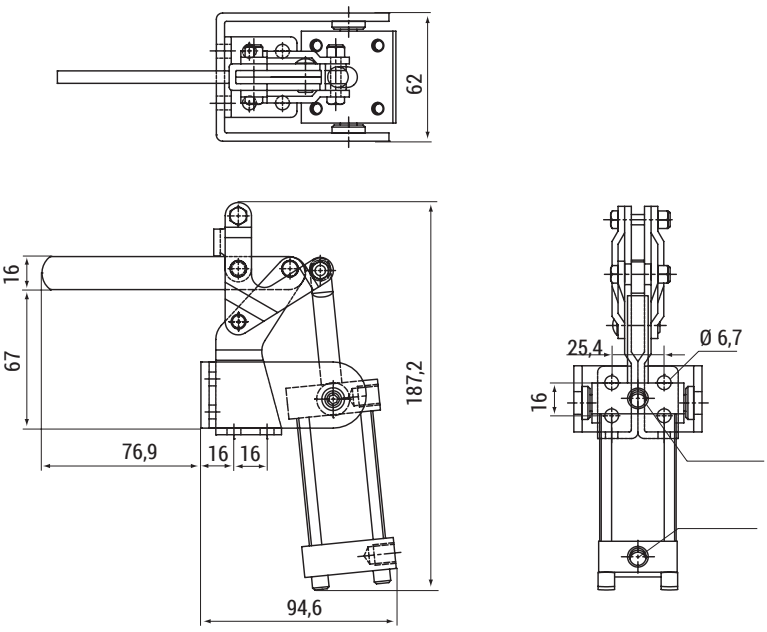
Barra chiusa. Fornito completo di puntale in neoprene. *Tutti i rivetti sono in acciaio inox.*

***Close clamping lever**. Supplied with neoprene tipped adjustable threaded spindle. All rivets are made of stainless steel.*

Caratteristiche Specifications	Articolo Article	Codice Code	Portata Kg Capacity Kg	Peso g Weight g	
	AC 82	187541	159	920	1
Con cilindro magnetico / *With magnetic cylinder*	**AC 82 SWT**	194303	159	920	1

AC 82-S



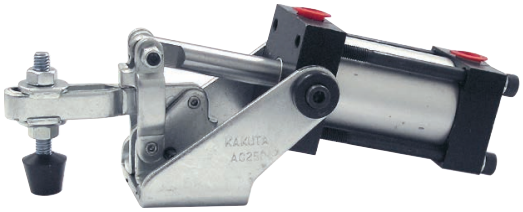


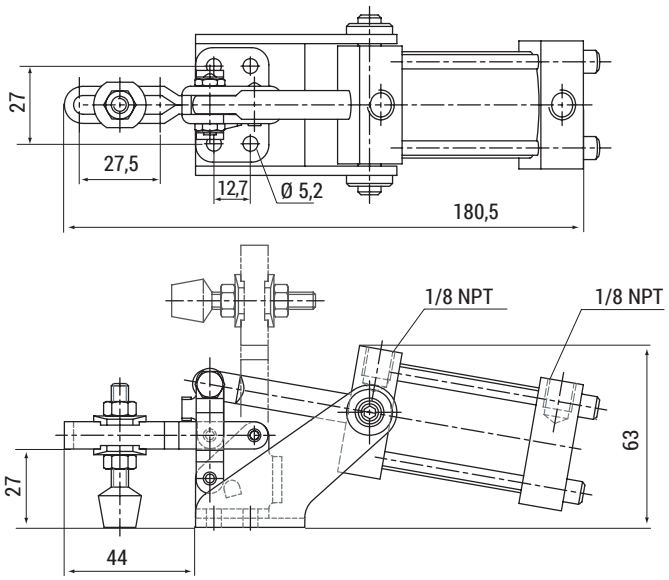
Barra piena. Fornito completo di puntale in neoprene. *Tutti i rivetti sono in acciaio inox.*

***Solid bar.** Supplied with neoprene tipped adjustable threaded spindle. All rivets are made of stainless steel.*

Caratteristiche Specifications	Articolo Article	Codice Code	Portata Kg Capacity Kg	Peso g Weight g	
	AC 82-S	190497	204	920	1
Con cilindro magnetico / *With magnetic cylinder*	**AC 82-S SWT**	196703	204	920	1

AC 250



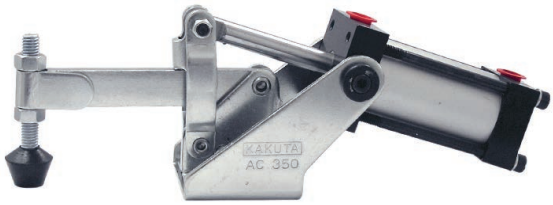


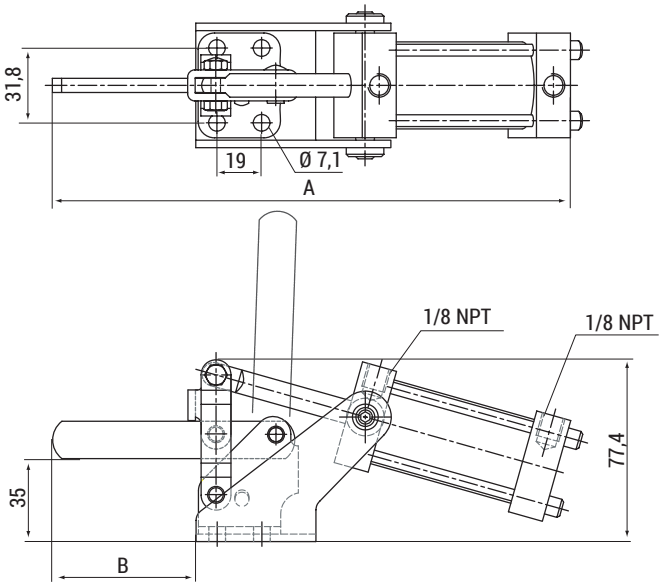
Barra chiusa. Fornito completo di puntale in neoprene. Per la sua particolare conformazione è adatto a fissaggio su piano. *Tutti i rivetti sono in acciaio inox.*

Close clamping bar. *Supplied with neoprene tipped adjustable threaded spindle. When this clamp is operated, as the cylinder head and nipple part of it are at upper position than fixing face, this clamp is suitable for fixing on table. All rivets are made of stainless steel.*

Caratteristiche Specifications	Articolo Article	Codice Code	Portata Kg Capacity Kg	Peso g Weight g	
	AC 250	159616	90	534	1
Con cilindro magnetico / *With magnetic cylinder*	**AC 250 SWT**	196710	90	534	1

AC 350 AC 353-L



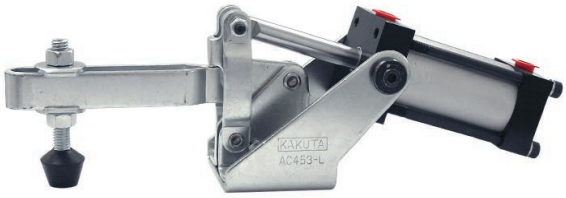


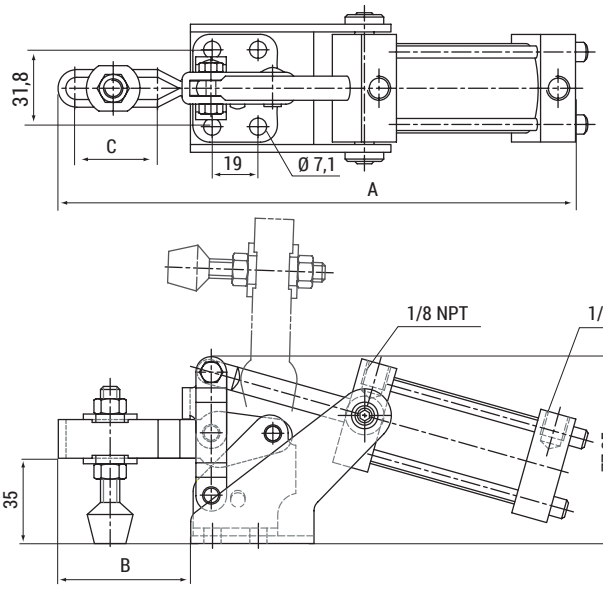
Barra piena. Fornito completo di puntale in neoprene. Per la sua particolare conformazione è adatto a fissaggio su piano. *Tutti i rivetti sono in acciaio inox.*

Solid bar. *Supplied with neoprene tipped adjustable threaded spindle.When this clamp is operated, as the cylinder head and nipple part of it are at upper position than fixing face, this clamp is suitable for fixing on table. All rivets are made of stainless steel.*

Caratteristiche Specifications	Articolo Article	Codice Code	Portata Kg Capacity Kg	A	B	Peso g Weight g	
	AC 350	159623	225	220	61	787	10
Braccio maggiorato / *Longer arm*	**AC 353-L**	178839	110	244,4	85	787	10
Con cilindro magnetico / *With magnetic cylinder*	**AC 350 SWT**	196727	225	220	61	787	10
Br. magg.-cilindro magnet./ *Longer arm-magnetic cyl.*	**AC 353-L SWT**	196734	110	244,4	85	787	10

AC 450 AC 453-L



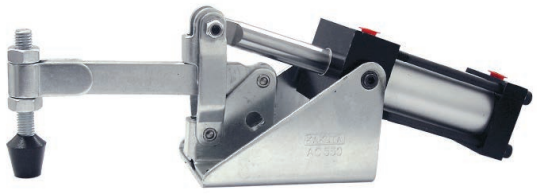


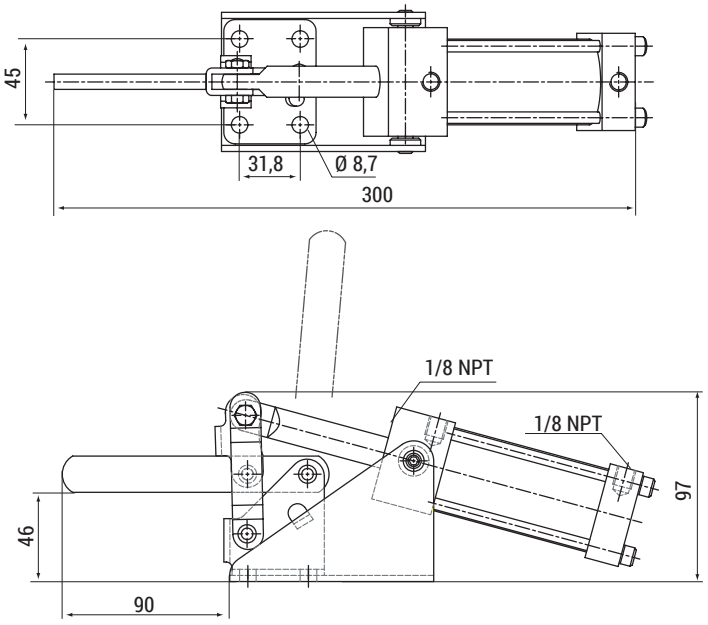
Barra chiusa. Fornito completo di puntale in neoprene. Per la sua particolare conformazione è adatto a fissaggio su piano. *Tutti i rivetti sono in acciaio inox.*

Close clamping bar. *Supplied with neoprene tipped adjustable threaded spindle. When this clamp is operated, as the cylinder head and nipple part of it are at upper position than fixing face, this clamp is suitable for fixing on table. All rivets are made of stainless steel.*

Caratteristiche Specifications	Articolo Article	Codice Code	Portata Kg Capacity Kg	A	B	C	Peso g Weight g	
	AC 450	159647	225	215,6	56,2	33,5	787	10
Braccio maggiorato / *Longer arm*	**AC 453-L**	178822	100	253,6	94,2	71,5	787	10
Con cilindro magnetico / *With magnetic cylinder*	**AC 450 SWT**	196741	225	215,6	56,2	33,5	787	10
Br. magg.-cilindro magnet./ *Longer arm-magnetic cyl.*	**AC 453-L SWT**	196758	100	253,6	94,2	71,5	787	10

AC 550





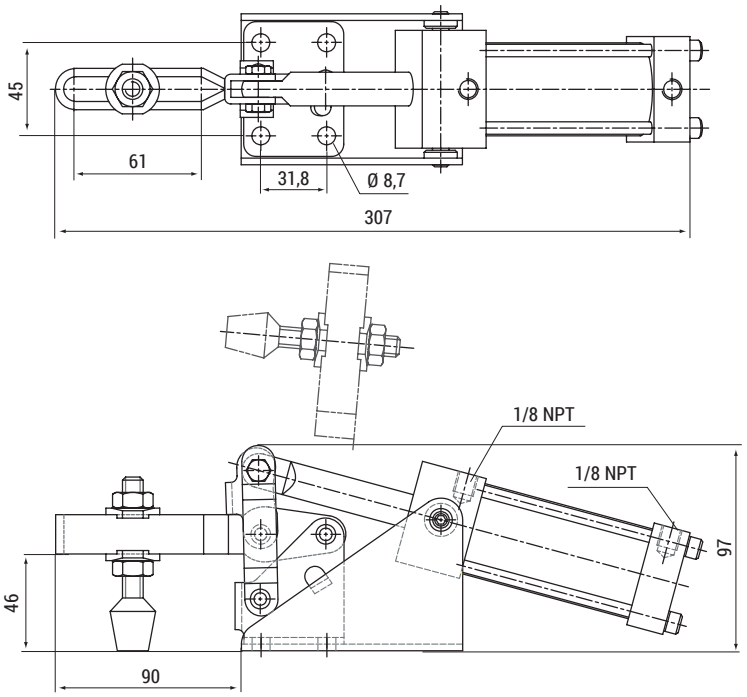
Barra piena. Fornito completo di puntale in neoprene. Per la sua particolare conformazione è adatto a fissaggio su piano. *Tutti i rivetti sono in acciaio inox.*

Solid bar. *Supplied with neoprene tipped adjustable threaded spindle.When this clamp is operated, as the cylinder head and nipple part of it are at upper position than fixing face, this clamp is suitable for fixing on table. All rivets are made of stainless steel.*

Caratteristiche Specifications	Articolo Article	Codice Code	Portata Kg Capacity Kg	Peso g Weight g	
	AC 550	159654	340	1733	1
Con cilindro magnetico / *With magnetic cylinder*	**AC 550 SWT**	196765	340	1733	1

AC 650

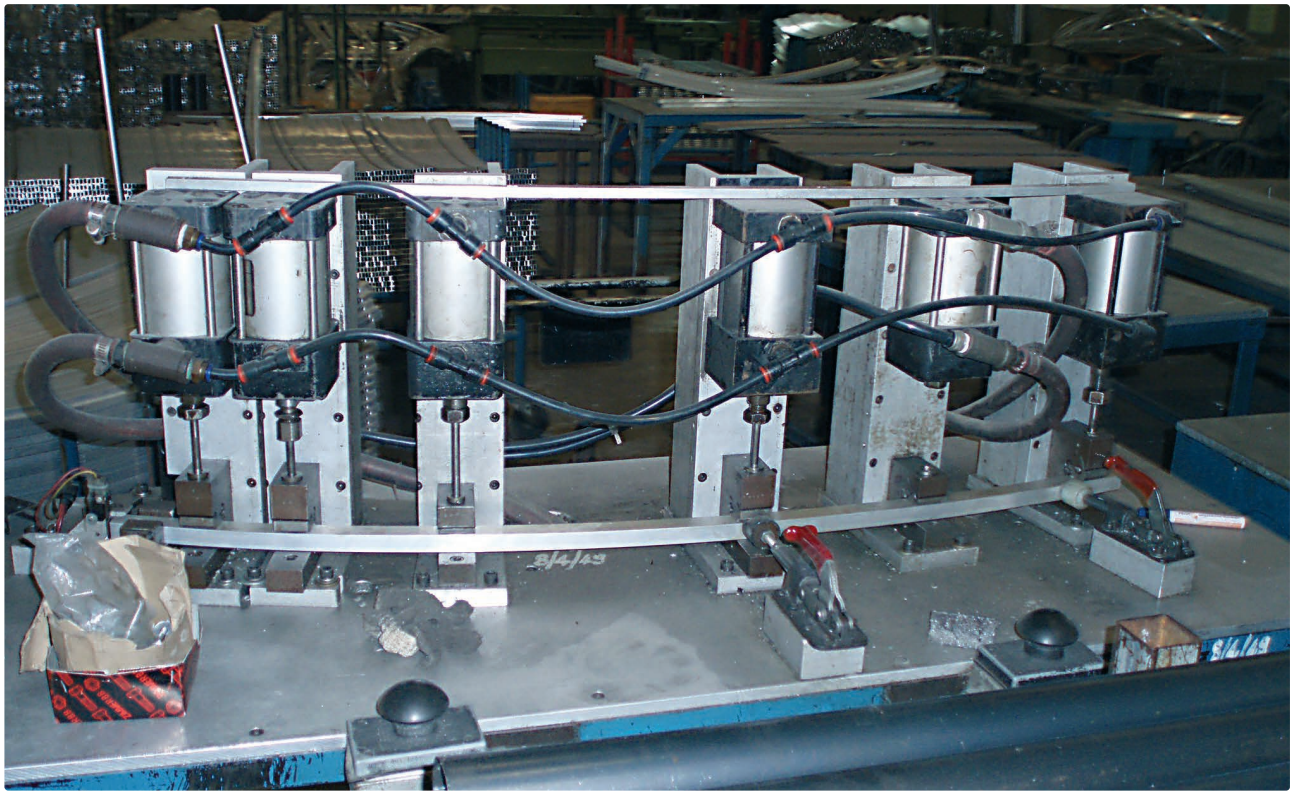




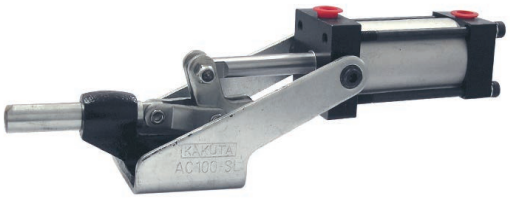
Barra chiusa. Fornito completo di puntale in neoprene. Per la sua particolare conformazione è adatto a fissaggio su piano.
Tutti i rivetti sono in acciaio inox.

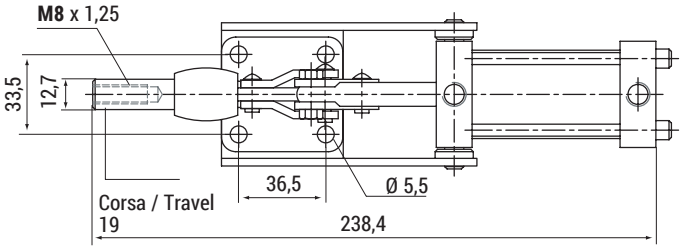
Close clamping bar. *Supplied with neoprene tipped adjustable threaded spindle. When this clamp is operated, as the cylinder head and nipple part of it are at upper position than fixing face, this clamp is suitable for fixing on table.*
All rivets are made of stainless steel.

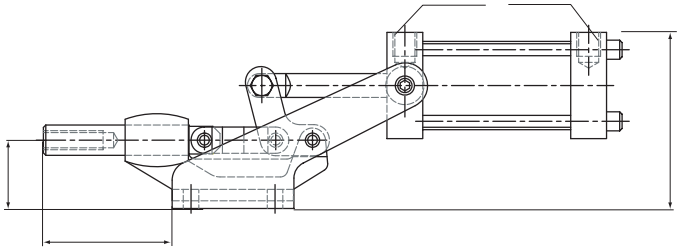
Caratteristiche Specifications	Articolo Article	Codice Code	Portata Kg Capacity Kg	Peso g Weight g	
	AC 650	159661	272	1724	1
Con cilindro magnetico / *With magnetic cylinder*	**AC 650 SWT**	196772	272	1724	1



AC 100-SL





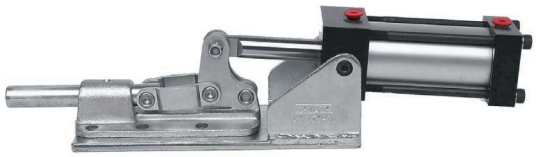


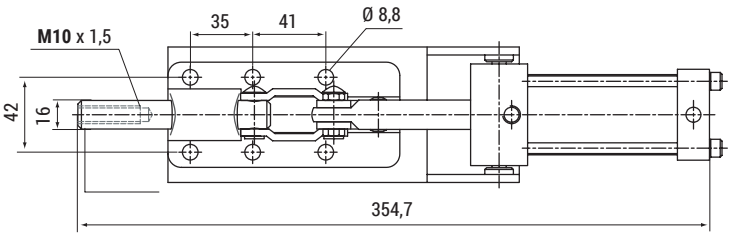
Modello con asta a spinta. Per la sua particolare conformazione è adatto a fissaggio su piano.
Tutti i rivetti sono in acciaio inox.

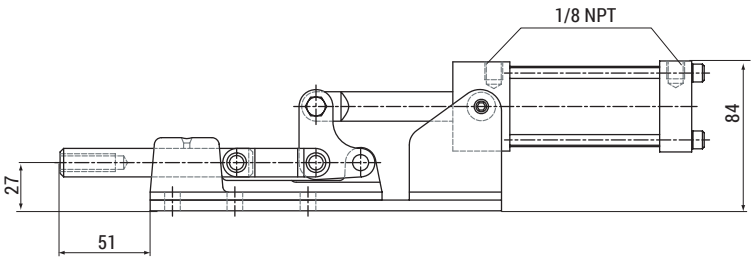
Straight line action. *When this clamp is operated, as the cylinder head and nipple part of it are at upper position than fixing face, this clamp is suitable for fixing on table.*
All rivets are made of stainless steel.

Caratteristiche Specifications	Articolo Article	Codice Code	Portata Kg Capacity Kg	Peso g Weight g	
	AC 100-SL	159609	270	782	1
Con cilindro magnetico / *With magnetic cylinder*	AC 100-SL SWT	196789	270	782	1

AC 350-SL





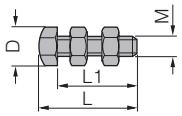
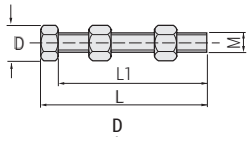
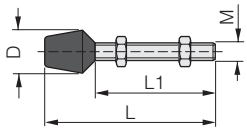
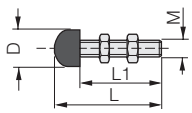
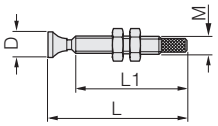


Modello con asta a spinta. Per la sua particolare conformazione è adatto a fissaggio su piano.
Tutti i rivetti sono in acciaio inox.

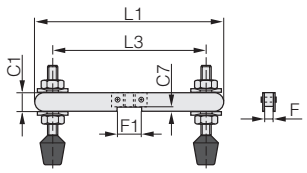
Straight line action. *When this clamp is operated, as the cylinder head and nipple part of it are at upper position than fixing face, this clamp is suitable for fixing on table.*
All rivets are made of stainless steel.

Caratteristiche Specifications	Articolo Article	Codice Code	Portata Kg Capacity Kg	Peso g Weight g	
	AC 350-SL	159630	1100	2612	1
Con cilindro magnetico / *With magnetic cylinder*	AC 350-SL SWT	196796	1100	2612	1

PUNTALI REGOLABILI / Adjustable spindle assemblies

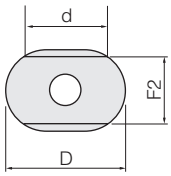
Disegno Drawing		Codice Code		L	L1	D	M	
	NYLON	151740	HH 150/HH 250	21	18,5	6	M4x0,7	1
	VITE ZINCATA / HEX HEAD	195430	SL 07	17,5	15	7	M4x0,7	1
		195447	38B(S)/38 S(S)	54	50	10	M6x1,0	1
		151764	SA 350/51/SL 250-B	30	25	12	M8x1,25	1
		195454	SA 255-2	35	30	12	M8x1,25	1
		151757	SA 250	50	45	12	M8x1,25	1
		195423	42A/42K/42P/42KS	55,6	50,4	12	M8x1,25	1
		195461	38B(L)/38S(L)	69,5	65	12	M8x1,25	1
		195478	SA 455-2	38,5	31,5	14	M10x1,5	1
		151771	SA 550	77	70,7	14	M10x1,5	1
		179065	SA 2	68	60	19	M12x1,75	1
		161978	HV 750/HV 850	85	75	19	M12x1,75	1
		161985	HV 950/HV 1050	112	100	26	M16x2,0	1
	INOX	195645	HH 150-2S/151-B2S/250-2S/SL 10-2S	23	20	6	M4x0,7	1
		195652	HH 300-2S/HH 301-B2S	28	25	8	M5x0,8	1
		195669	HH 350-2S/HH 351-B2S/HV 250-2S/HV 250-U2S	44	40	10	M6x1,0	1
		195676	HH 500-2S/HH 501-B2S/HH 450-2S/HV 450-2S HV 300-2S	55,6	50,4	12	M8x1,25	1
		195683	38 B(S)-2S/38 S(S)-2S	54	50	10	M6x1,0	1
	NEOPRENE	179560	SL 10	21,8	17	8,5	M4x0,7	1
		176514	HH 300/ HH 300 L/HV 200/ HV 250 L HV 250 UBL/HV 260	34	26	14	M5x0,8	1
		151818	HV 250/HV 250-U/AC2 50/HH 350/HH 350-S HH 400/ HH 400 L/SL 70/FM 50/HV 310 HV 270/HV 280	49,6	36	17	M6x1,0	1
		151825	HH 450/HH 500/HH 500 L/HV 350/HV 450 HV 450 L/HV 470/82-S/SF 350/UF 450 AC 350/AC 353-L/AC 450/AC 453-L/SL 150/SL 160	65,5	48,4	19	M8x1,25	1
		151832	HH 550/HV 550/HV 650/AC 550/AC 650/HH 600	83,6	60	23	M10x1,5	1
		195492	HV 300/SL 100/SL 105-2/SL 110/SL 111-B SL150/SL 160/SL 310/02/51/FM 150/FM 150-1	44	35	16,8	M8x1,25	1
		195508	HV 400/SL 200/SL 210/SL 240/SL 241-B SL 250/SL 250-B/SL 350/FM 250	67	54	22	M10x1,5	1
		177054	HV 750/HV 850/SL 300/SL 450	84	50	30	M12x1,75	1
	VINYL	151788	HV 150	30	23	8,5	M4x0,7	1
		151795	SA 150	35	28,4	14	M6x1,0	1
		195485	SA 155-2	31	22	14	M6x1,0	1
	METALLO/METAL	151801	**Puntale snodato/Swivel foot** SA 450/SA 550	77,6	65,6	16	M10x1,5	1
		193719	**Piastra di riscontro** Accessorio per Mod. FA 600 - FA 700	80	58	44	/	1

DOPPIO PUNTALE / Cross bar set



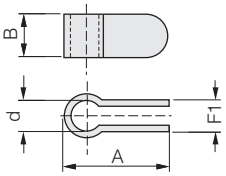
Disegno Drawing	Codice Code		C	C7	F	F1	L1	L3	
	195515	HV 450/HH 450/ HH 500	12	3	9,6	16,2	125	100	1
	195522	HV 650/HH 550/ HH 600	16	4	12,5	21	160	130	1

RONDELLE PIEGATE / Flanged washers



Disegno Drawing	Codice Code		D	d	F2	Per gambo For splindle	
	151856	HH 250	11,4	4,4	9,2	M4	1
	151849	HV 150	14,3	4,3	9,2	M4	1
	179072	HV 200/HH 300	14,5	5,3	11	M5	1
	151863	HH 350/HH 400/HH 401-B	18,2	7	12,2	M6	1
	179089	HV 250-U/AC 250	17,5	6,7	13	M6	1
	195621	38B(S)/38 S(S)	21	6,4	15,4	M6	1
	151870	HH 450/HH 500/HV 450/82/UF 450/AC 450/ AC 453-L/HV 300	22,2	8,3	15,9	M8	1
	195638	38B(L)/38 S(L)	25,4	8,5	19,8	M8	1
	151887	HH 550/HV 650/AC 650/HH 600/HV 400	26	10,4	21	M10	1
	151894	HV 850/HH 851-B	32	14	23,5	M12	1
	151900	HV 1050/HV 1051-B	37	17,2	28,4	M16	1
	197298	42A/42K/42P/42S	16,2	8,3	17,5	M8	1
INOX	195539	HH 250-2S/HH 250-B2S	11,4	4,4	9,2	M4	1
INOX	195546	HV 150-2S/HV 151-B2S	14,3	4,3	9,2	M4	1
INOX	195553	HH 300-2S/HH 301-B2S/HV 200-2S	14,5	5,3	11	M5	1
INOX	195560	HH 350-2S/HH 351-B2S/HH 400-2S/HH 401-B2S	18,2	7	12,2	M6	1
INOX	195577	HH 500-2S/HH 501-B2S/HV 450-2S/HH 450-2S HV 300-2S	22,2	8,3	15,9	M8	1
INOX	195584	42A-2S/42K-2S	16,2	8,3	17,5	M8	1
INOX	195591	HV 250-U-2S	17,5	6,7	13	M6	1
INOX	195607	38B(S)-2S/38 S(S)-2S	21	6,4	15,4	M6	1

COLLARI PORTAVITE / Bolt retainers



Disegno Drawing	Codice Code		A	B	F1	d	Per gambo For splindle	
	195614	HH 350-S/HH 350-SB	32	12,7	4	7,1	M6	1
	151917	HV 350/82-S/SF 350	33	15,9	6,4	8,3	M8	1
	151924	HV 550/AC 550/HV 551-B/HV 552-T	47	19	8,2	15,3	M10	1
	151931	HV 750/HV 751-B	38,3	22,2	9	14,2	M12	1
	151948	HV 950/HV 951-B	43,8	31,75	9,2	16,2	M16	1

TABELLA COMPARATIVA

KAKUTA	DE.STA.CO	AMF	SPEEDY BLOCK	SERMAX	P.
HH 150	205-S	-	SH 8		6b
HH 150-2S	205-SSS	-	-	-	6b
HH 151-B	205-SB	-	-	-	6b
HH 151-B2S	205-SBSS	-	-	-	6b
HH 154-LE	205-SL	-	-	-	6b
HH 155-R	205-SR	-	-	-	6b
HH 250	205-U	6830-0/93005	AD025-25/M	SH 8	7b
HH 250-2S	205-USS	6830NI-0/95141	DS025-25/MX	-	7b
HH 250-B	205-UB	6832-0/93203	-	-	7b
HH 250-B2S	205-UBSS	-	-	-	7b
HH 254-LE	205-UL	-	-	-	7b
HH 255-R	205-UR	-	-	-	7b
HH 300	213-U	6830-1/93013	AD075-75/M	-	9b
HH 300 L	213-UL	6830-1/93013	AD075-75/M	-	10b
HH 300-2S	213-USS	6830NI-1/95166	DS075-75/MX	-	9b
HH 301-B	213-UB	6832-1/93211	AD080-75/N	-	9b
HH 301-BL	213-UBL	6832-1/93211	AD080-75/N	-	10b
HH 301-B2S	213-UBSS	-	DS080-75/NX	-	9b
HH 350	215-U	-	-	SH 11	11b
HH 350-2S	215-USS	-	-	-	11b
HH 350-S	215-S	6834-1/93427	AD085-75/O	-	11b
HH 351-B	215-UB	-	-	-	11b
HH 351-B2S	215-UBSS	-	-	-	11b
HH 351-SB	215-SB	-	-	-	11b
HH 400	217-U	6830-2/93021	AD135-130/M	-	9b
HH 400 L	217-UL	6830-2/93021	AD135-130/M	-	10b
HH 400-2S	217-USS	6830NI-2/95182	DS135-130/MX	-	9b
HH 401-B	217-UB	6832-2/93229	AD140-130/N	-	9b
HH 401-BL	217-UBL	6832-2/93229	AD140-130/N	-	10b
HH 401-B2S	217-UBSS	-	DS140-130/NX	-	9b
HH 450	225-U	-	-	SH 12	12b
HH 450-2S	225-USS	-	-	-	12b
HH 451-B	225-UB	-	-	-	12b
HH 451-B2S	225-UBSS	-	-	-	12b
HH 500	227-U	6830-3/93039	AD270-230/M	-	9b
HH 500 L	227-UL	6830-3/93039	AD270-230/M	-	10b
HH 500-2S	227-USS	6830NI-3/95208	DS270-230/MX	-	9b
HH 501-B	227-UB	6832-3/93237	AD275-230/N	-	9b
HH 501-BL	227-UBL	6832-3/93237	AD275-230/N	-	10b
HH 501-B-2S	227-UBSS	-	AD275-230/NX	-	10b
HH 550	235-U	6830-5/93054	-	SH 13	13b
HH 551-B	-	6832-5/93252	-	-	13b
HH 551-BN	235-UB	-	-	-	13b
HH 600	237-U	6830-4/93047	AD370-355/M	-	9b
HH 601-B	237-UB	6832-4/93245	AD375-355/N	-	9b
HV 150	201-U	6800-1/90019	AA520-75/A	SU 10	17b

KAKUTA	DE.STA.CO	AMF	SPEEDY BLOCK	SERMAX	P.
HV 150-2S	201-USS	6800NI-1/95026	AS095-75/AX	-	17b
HV 151-B	201-UB	6802-1/90217	AA522-75/B	-	17b
HV 151-B2S	201-UBSS	-	AS100-75/BX	-	17b
HV 151-BT	201-TUB	-	-	-	17b
HV 152-T	201-TU	-	-	-	17b
HV 153-XL	-	-	-	-	17b
HV 200	305-U	-	-	-	18b
HV 200-RL	305-UR	-	-	-	19b
HV 200-2S	305-USS	-	-	-	18b
HV 250	202	6805-1/90514	AA524-75/E	SU 11	20b
HV 250 L	202-UL	6805-1/90514	AA524-75/E	-	24b
HV 250-U1	202-U	6800-2/90027	AA530-130/A	-	23b
HV 250-U12S	202-USS	6800NI-2/95042	AS150-130/AX	-	23b
HV 250-UF	-	6803-2/90324	-	-	23b
HV 250-2S	202-SS	-	AS105-75/EX	-	20b
HV 250-B	202-B	-	AA522-75/B	-	20b
HV 250-B2S	202-BSS	-	AS100-75/BX	-	20b
HV 250-BT	202-TB	-	-	-	20b
HV 250-UB1	202-UB	6802-2/90225	AA532-130/B	-	23b
HV 251-UBL	202-UBL	6802-2/90225	AA532-130/B	-	24b
HV 252-T	202-T	-	-	-	20b
HV 250-U	202-U	6800-2/90027	AA530-130/A	-	22b
HV 250-U2S	202-USS	6800NI-2/95042	AS150-130/AX	-	22b
HV 250-UB	202-UB	6802-2/90225	-	-	22b
HV 250-UBT	202-TUB	-	-	-	22b
HV 252-UT	202-TU	-	-	-	22b
HV 253-UL	202-UL	-	-	-	22b
HV 253-UL2S	-	-	-	-	22b
HV 260	201-U	6800/1-90019	AA520-75/A	-	25b
HV 260-2S	201-SS	6800NI-1	AS095-75/AX	-	25b
HV 260-S	-	-	AA524-75/E	-	25b
HV 260-S2S	-	-	AS105-75/EX	-	25b
HV 261-B	201-03	6802-1	AA522-75/B	-	25b
HV 261-B2S	-	-	AS100-75/BX	-	25b
HV 261-SB	-	-	AA526-75/F	-	25b
HV 261-SB2S	-	-	AS110-75/FX	-	25b
HV 270		90019	-	-	26b
HV 270-2S		95026	-	-	26b
HV 280		90514	-	-	26b
HV 300	307-U	-	-	-	18b
HV 300-RL	307-UR	-	-	-	19b
HV 300-2S	307-USS	-	-	-	18b
HV 310	-	-	AA530-130/A	-	28b
HV 310-2S	-	-	AS150-130/AX	-	28b
HV 310-S	-	-	AA534-130/E	-	28b
HV 310-S2S	-	-	AS160-130/EX	-	28b

TABELLA COMPARATIVA

KAKUTA	DE.STA.CO	AMF	SPEEDY BLOCK	SERMAX	P.
HV 311-B	-	-	AA532-130/B	-	28b
HV 311-B2S	-	-	AS155-130/BX	-	28b
HV 311-SB	-	-	AA536-130/F	-	28b
HV 311-SB2S	-	-	AS165-130/FX	-	28b
HV 350	207-S	6804-3/90431	AA544-230/E	SU 12	29b
HV 351-B	207-SB	6806-3/90555	AA546-230/F	-	29b
HV 351-BT	207-TSB	-	-	-	29b
HV 351-BL	207-LB	-	-	-	29b
HV 351-BTL	207-TLB	-	-	-	29b
HV 352-T	207-TS	-	-	-	29b
HV 352-TL	207-TL	-	-	-	29b
HV 353-L	207-L	-	-	-	29b
HV 400	309-U	-	-	-	18b
HV 400-2S	309-USS	-	-	-	18b
HV 400-RL	309-UR	-	-	-	19b
HV 450	207-U	6800-3/90035	AA540-230/A	SU 12	31b
HV 450-F	207-UF	6803-3/90332	AA221-200/AVF	-	32b
HV 450-L	207-UL	6800-3/90035	AA540-230/A	-	33b
HV 450-2S	207-USS	6800NI-3/95067	AS180-230/AX	-	31b
HV 451-B	207-UB	6802-3/90233	AA542-230/B	-	32b
HV 451-B2S	207-UBSS	-	AS185-230/BX	-	32b
HV 451-BT	207-TUB	-	-	-	32b
HV 451-BL	207-ULB	-	-	-	32b
HV 451-BTL	207-TULB	-	-	-	32b
HV 451-UBL	207-UBL	6802-3/90233	AA542-230/B	-	32b
HV 452-T	207-TU	-	-	-	31b
HV 452-TL	207-TUL	-	-	-	31b
HV 453-L	207-UL	-	-	-	31b
HV 453-XL	-	-	-	-	31b
HV470-S	-	-	AA554-330/E	-	34b
HV 470	-	-	AA550-330/A	-	34b
HV 470-2S	-	-	-	-	34b
HV 471-B	-	-	AA552-330/B	-	34b
HV 471-SB	-	-	AA556-330/F	-	34b
HV 510	-	-	AA560-430/A	-	37b
HV 510-S	-	-	AA564-430/E	-	37b
HV 511-B	-	-	AA562-430/B	-	37b
HV 511-SB	-	-	AA566-430/F	-	37b
HV 550	210-S	6804-4/90449	AA554-330/E	SU 13	35b
HV 551-B	210-SB	6806-4/90563	AA556-330/F	-	35b
HV 551-BT	210-TSB	-	-		35b
HV 552-T	210-TS	-	-	-	35b
HV 650	210-U	6800-4/90043	AA550-330/A	SU 13	36b
HV 651-B	210-UB	6802-4/90241	AA552-330/B	-	36b
HV 651-BT	210-TUB	-	-	-	36b
HV 652-T	210-TU	-	-	-	36b

KAKUTA	DE.STA.CO	AMF	SPEEDY BLOCK	SERMAX	P.
HV 750	247-S	6804-5/90456	AA564-430/E	SU 14	38b
HV 751-B	247-SB	6806-5/90571	AA566-430/F	-	38b
HV 850	247-U	6800-5/90050	AA560-430/A	-	38b
HV 851-B	247-UB	6802-5/90258	AA562-430/B	-	38b
HV 950	267-S	6804-6/90464	AA574-530/E	SU 15	38b
HV 951-B	267-SB	6806-6/90589	AA576-530/F	-	38b
HV 1050	267-U	6800-6/90068	AA570-530/A	SU 15	38b
HV 1051-B	267-UB	6802-6/90266	AA572-530/B	-	38b
SF 350	207-SF	-	AA226-200/EVF	-	39b
UF 450	207-UF	6803-3/90332	AA221-200/AVF	-	39b
82	317-U	-	AA220-200/AV	-	15b
82-S	317-S	-	AA225-200/EV	-	15b
38B(S)	-	-	-	-	14b
38S(S)	-	-	-	-	14b
38B(L)	-	-	-	-	14b
38S(L)	-	-	-	-	14b
42A	-	-	-	-	27b
42A-2S	-	-	-	-	27b
42K	-	-	-	-	27b
42K-2S	-	-	-	-	27b
42P	-	-	-	-	27b
42S	-	-	-	-	27b
PA 50	330	-	-	-	40b
PA 50-2S	330-SS	-	-	-	40b
PA 150	301	-	AL200-200T	T 113	40b
PA 150-2S	301-SS	-	-	-	40b
PA 170	311	-	AL300-300T	-	40b
PA 250	351	6847-3/94540	AL205-200TF	T 113	40b
PA 250-2S	351-SS	6847NI-3/95422	-	T 113	40b
PA 251-B	351-B	6847K-3/94680	-	-	40b
PA 251-B2S	351-BSS	6847KNI-3/95455	-	-	40b
PA 270	371	-	AL305-300/TF	-	40b
PA 270-2S	311-SS	-	-	-	40b
PA 350	381	-	AL405-400/TF	-	40b
FA 100	323	-	AL500-160/T2	-	42b
FA 100-2S	323-MSS	-	AS500-160/T2X	-	42b
FA 102	-	6848H-2/94698	-	-	42b
FA 102-2S	-	6848HNI-2/95521	-	-	42b
FA 130	324	-	AL530-160/T3	-	44b
FA 130-2S	324-SS	-	AS530-160/T3X	-	44b
FA 140	-	6848V-2/94755	AL560-160/T4	-	44b
FA 140-2S	-	6848VNI-2/95588	-	-	44b
FA 200	331	-	AL505-320/T2	-	42b
FA 200-2S	331-SS	-	AS505-320/T2X	-	42b
FA 202	-	6848H-3/94706	-	-	42b
FA 202-2S	-	6848HNI-3/95547	-	-	42b

TABELLA COMPARATIVA

KAKUTA	DE.STA.CO	AMF	SPEEDY BLOCK	SERMAX	P.
FA 230	334	-	AL535-320/T3	-	44b
FA 230-2S	334-SS	-	AS535-320/T3X	-	44b
FA 240	-	6848V-3/94763	AL565-320/T4	-	44b
FA 240-2S	-	6848VNI-3/95604	-	-	44b
FA 300	341	-	AL510-700/T2	-	42b
FA 300-2S	341-SS	-	AS510-700/T2X	-	29c
FA 300-RL	341-R	-	AL790-700/T6	-	43b
FA 302	-	6848H/94714	-	-	42b
FA 330	344	-	AL540-700/T3	-	44b
FA 330-2S	344-SS	-	AS540-700/T3X	-	44b
FA 340	-	6848V-4/94771	AL570-700/T4	-	44b
FA 340-2S	-	6848VNI-4/95620	-	-	44b
FA 600	375	-	AL600-1400/T2	-	45b
FA 601-B	375-B	-	AS585-1400/T2X	-	45b
FA 700	385	6849PH-5/93856	AL610-2800/T2	-	46b
SL 07	-	-	-	-	47b
SL 10	601	-	-	-	47b
SL 10-2S	601-SS	-	-	-	47b
SL 15-2	601-O	-	-	-	47b
SL 15-22S	601-OSS	-	-	-	47b
SL 70	-	-	AG070-70/AS	-	49b
SL 70-2S	-	-	-	-	49b
SL 70-LR	-	-	AG080-70/ASS	-	48b
SL 70-RR	-	-	AG075-70/ASD	-	48b
SL 100	-	-	AG351-360/AS	-	49b
SL 105-2	603-M	-	AG351-360/AS	-	50b
SL 105-22S	-	-	AG160-160/AS	-	50b
SL 110	609	-	-	-	50b
SL 111-B	609-B	-	-	-	50b
SL 150	605	-	-	-	51b
SL 160	615	-	-	-	51b
SL 200	-	-	-	-	49b
SL 210	608	-	-	-	53b
SL 240	620	-	-	-	53b
SL 241-B	628	-	-	-	53b
SL 250	610	-	-	H 11	54b
SL 251-B	618	-	-	-	54b
SL 300	-	-	-	-	49b
SL 310	607-M	-	AG355-550/AS	-	54b
SL 350	630	-	AG361-1100/AS	H 13	54b
SL 450	640	-	AG371-2100/AS	-	54b
02	-	-	AG120-120/AS	-	55b
51	-	-	-	-	55b
FM 50	602-MM	6844-2/94300	AG401-80/AS	-	57b
FM 50-2S	602-SS	6844NI-2/95349	AS401-80/ASX	-	57b
FM 150	604-MM	6844-3/94318	AG406-165/AS	-	57b

KAKUTA	DE.STA.CO	AMF	SPEEDY BLOCK	SERMAX	P.
FM 150-2S	604-SS	6844NI-3/95364	AS406-165/ASX	-	57b
FM 150-1	-	-	-	-	57b
FM 150-1-2S	-	-	-	-	57b
FM 250	624	6844-5/94334	AG411-340/AS	-	57b
FM 250-2S	624-SS	6844NI-5/95380	AS411-340/ASX	-	57b
SA 2	325	-	-	-	58b
SA 150	424	-	-	P1	58b
SA 155-2	424-2	-	-	-	58b
SA 250	441	-	-	P1	59b
SA 255-2	441-2	-	-	-	59b
SA 350	461	-	-	-	59b
SA 450	462	-	-	P4	60b
SA 455-2	462-2	-	-	-	60b
SA 550	463	-	-	P4	60b
V.1X	501-MB	6809P-2/90738	AA710-LSH01	-	62b
V.1X-B	501-MLB	6810P-2/90803	-	-	63b
V.2X	503-MB	6809P-4/90746	AA735-LSH02	-	62b
V.2X-B	503-MLB	6810P-4/90811	-	-	63b
V.3X	505-MB	6809P-6/90753	AA760-LSH03	-	62b
V.3X-B	505-MLB	6810P-6/90829	-	-	63b
AC 82	817-U	-	AO181-200/APV3	-	64b
AC 82-S	817-S	-	AO186-200/EPV3	-	64b
AC 82-SWT	817-UMR	-	AO182-200/APVM	-	64b
AC 82-S-SWT	817-SMR	-	AO187-200/EPVM	-	64b
AC 100-SL	830	-	AO361-360/SP3	-	68b
AC 100-SL-SWT	803-MR	-	AO362-360/SPM		68b
AC 250	802	6820K-1/91728	AO020-70/AP3	-	65b
AC 250-SWT	802-MR	-	-	-	65b
AC 350	807-L	-	AO166-200/EP3	-	65b
AC 350-SWT	807-LMR	-	AO167-200/EPM	-	65b
AC350-SL	830	6850-5/95059	AO371-1100/SP3	-	68b
AC 350-SL-SWT	830-MR	-	AO372-1100/SPM	-	68b
AC 353-L	-	-	-	-	65b
AC 353-L-SWT-	-	-	-		65b
AC 450	807-UL	-	AO161-200/AP3	-	66b
AC 450-SWT	807-ULMR	-	AO162-200/APM	-	66b
AC 453-L	-	91983	-	-	66b
AC 453-L-SWT-	-	-	-		66b
AC 550	810-S	-	AO206-300/EP3	-	66b
AC 550-SWT	810-SMR	-	AO207-300/EPM	-	66b
AC 650	810-U	91991	AO201-300/AP3	-	67b
AC 650-SWT	810-UMR	-	AO202-300/APM	-	67b


KAKUTA
HV150

LOCK
Boxer

FINAT

LIFTING





PINZE SOLLEVAMENTO VERTICALE/ ORIZZONTALE
pag. 7c



PINZE SOLLEVAMENTO ORIZZONTALE
pag. 18c



STAFFE
pag. 24c



GANCI A "C"
pag. 27c



PINZE PER TONDI
pag. 28c



PINZE PER BLOCCHI
pag. 30c



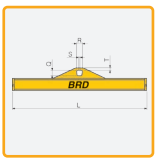
PINZE PER PANNELLI
pag. 33c



PINZE PER CALCESTRUZZO
pag. 34c



PINZE PER FUSTI
pag. 36c



BILANCINI
pag. 40c



PARANCHI ELETTRICI
pag. 47c



PARANCHI MANUALI
pag. 52c



ARGANI FUNE PASSANTE
pag. 56c



DINAMOMETRI
pag. 57c



SOLLEVATORI MAGNETICI E MAGNETI PERMANENTI
pag. 63c



PATTINI A RULLI
pag. 71c



FASCE SOLLEVAMENTO E ANCORAGGI A CRICCHETTO
pag. 72c



TIRANTI IN CATENA
pag. 75c



ACCESSORI SOLLEVAMENTO
pag. 78c



RICAMBI
pag. 96c

Articolo Article	Pagina Page
AFP 0,8	56c
AFP 1,6	56c
AFP 3,2	56c
AFP 5,4	56c
AMC 250N	31c
AMC 550N	31c
AU3514	73c
AU3516	73c
AU3518	73c
AU5028,5	73c
AU5029,5	73c
AU50210,5	73c
AU50258,5	73c
AU50259,5	73c
AU502510,5	73c
BC 5	27c
BC 8	27c
BC 10	27c
BC 16	27c
BC 20	27c
BC 25	27c
BCA 5	27c
BCA 8	27c
BCA 10	27c
BCA 16	27c
BCA 20	27c
BCA 25	27c
BCLJ 1	55c
BCLJ 2	55c
BCLJ 3	55c
BCLJ 5	55c
BCM 1	70c
BCM 2	70c
BCM 3	70c
BCM 4	70c
BR 202	40c
BR 203	40c
BR 204	40c
BR 205	40c
BR 302	40c
BR 303	40c
BR 304	40c
BR 305	40c
BR 403	40c
BR 404	40c
BR 405	40c
BR 406	40c
BR 603	40c
BR 604	40c
BR 605	40c
BR 606	40c
BR 1004	40c
BR 1005	40c
BR 1006	40c
BR 1008	40c
BRD 202	40c
BRD 203	40c
BRD 204	40c

Articolo Article	Pagina Page
BRD 205	40c
BRD 302	40c
BRD 303	40c
BRD 304	40c
BRD 305	40c
BRD 403	40c
BRD 404	40c
BRD 405	40c
BRD 406	40c
BRD 603	40c
BRD 604	40c
BRD 605	40c
BRD 606	40c
BRD 1004	40c
BRD 1005	40c
BRD 1006	40c
BRD 1008	40c
BRM 1	40c
BRM 2	69c
BRM 3	69c
BRM 4	69c
BRM 5	69c
BRR 202	69c
BRR 203	41c
BRR 204	41c
BRR 205	41c
BRR 302	41c
BRR 303	41c
BRR 304	41c
BRR 305	41c
BRR 403	41c
BRR 404	41c
BRR 405	41c
BRR 406	41c
BRR 603	41c
BRR 604	41c
BRR 605	41c
BRR 606	41c
BRR 1004	41c
BRR 1005	41c
BRR 1006	41c
BRR 1008	41c
BRRD 202	41c
BRRD 203	41c
BRRD 204	41c
BRRD 205	41c
BRRD 302	41c
BRRD 303	41c
BRRD 304	41c
BRRD 305	41c
BRRD 403	41c
BRRD 404	41c
BRRD 405	41c
BRRD 406	41c
BRRD 603	41c
BRRD 604	41c
BRRD 605	41c
BRRD 606	41c

Articolo Article	Pagina Page
BRRD 1004	41c
BRRD 1005	41c
BRRD 1006	41c
BRRD 1008	41c
C 3	41c
CA 16	62c
CA 18	78c
CA 22	78c
CA 26	78c
CA 32	78c
CA 36	78c
CA 40	78c
CA 45	78c
CAD 6	78c
CAD 7/8	78c
CAD 10	78c
CAD 13	78c
CAD 16	78c
CAD 20	78c
CAD 22	78c
CAX 13	78c
CAX 16	84c
CAX 18	84c
CAX 22	84c
CAX 26	84c
CAX 34	84c
CADX 6	84c
CADX 7/8	84c
CADX 10	84c
CADX 13	84c
CADX 16	84c
CADX 20	84c
CADX 22	84c
CGC-250 (30-160)	84c
CGC-500 (30-160)	32c
CGC-1000 (60-180)	32c
CGC-250N (30-140)	32c
CGC-500N (30-140)	32c
CM 1	32c
CM 2	69c
CM 3	69c
CPM 1	69c
CPM 2	68c
CPM 3	68c
CPP 0,5 C	68c
CPP 1 C	54c
CPP 2 C	54c
CPP 3 C	54c
CPP 5 C	54c
CPP 0,5 C	54c
CPP 1 C	54c
CPP 2 C	54c
CPP 3 C	54c
CPP 5 C	54c
D1JT 3	54c
D1JT 5	57c
D1JT 10	57c
D1JT 15	57c

Articolo Article	Pagina Page
D1JT 20	57c
D1 T 3200	57c
D1 T 6300	57c
D1 T 10000	57c
D1 RT 3200	57c
D1 RT 6300	59c
D1 RT 10000	59c
D131 1500	59c
D131 3000	58c
D131 6000	58c
D1-0,2 MINI	58c
D1-0,3 MINI	58c
D1-0,5 MINI	58c
D1-1 MINI	37c
D4 2500	37c
D4 5000	60c
D4 10000	60c
DLC 0,5 (0-18)	60c
DLC 0.5V	38c
DSB-1S	38c
FLH 1	38c
FLH-2	72c
FS-GI-2	72c
FS-GI-3	72c
FS-GI-4	72c
FS-GI-5	72c
FS-GI-6	72c
FS-GR-2	72c
FS-GR 3	72c
FS-GR-4	72c
FS-GR-5	72c
FS-GR-6	72c
FS-GR-8	72c
FSGT-50	72c
FSGT-60	72c
FSGT-90	72c
FSGT-125	72c
FSGT-150	72c
FS-RO-3	72c
FS-RO-4	72c
FS-RO-5	72c
FS-RO-6	72c
FS-RO-8	72c
FS-VE-2	72c
FS-VE-3	72c
FS-VE-4	72c
FS-VE-5	72c
FS-VE-6	72c
FS-VI-1	72c
FS-VI-2	72c
FS-VI-3	72c
FS-VI-4	72c
FS-VI-5	72c
FS-VI-6	77c
GAC 6	77c
GAC 7/8	79c
GAC 10	79c
GAC 13	79c

Articolo Article	Pagina Page
GAC 16	79c
GAC 18/20	79c
GACX 6	79c
GACX 7/8	85c
GACX 10	85c
GACX 13	85c
GACX 16	85c
GACX 18/20	85c
GACP 6	85c
GACP 7/8	79c
GACP 10	79c
GACP 13	79c
GACP 16	79c
GACP 18/20	79c
GGS 6	81c
GGS 7/8	81c
GGS 10	81c
GGS 13	81c
GGS 16	81c
GGS 18/20	81c
GGS 22	81c
GGS 26	81c
GGSL 6	81c
GGSL 7/8	81c
GGSL 10	81c
GGSL 13	81c
GGSL 16	81c
GGSL 18/20	81c
GOS 6	81c
GOS 7/8	80c
GOS 10	80c
GOS 13	80c
GOS 16	80c
GOS 18/20	80c
GOSX 6	80c
GOSX 7/8	86c
GOSX 10	86c
GOSX 13	86c
GOSX 16	86c
GOSX 18/20	86c
GOSLX 6	86c
GOSLX 7/8	86c
GOSLX 10	86c
GOSLX 13	86c
GOSLX 16	86c
GOSLX 18/20	86c
GOSL 6	86c
GOSL 7/8	80c
GOSL 10	80c
GOSL 13	80c
GOSL 16	80c
GOSL 18/20	80c
GPS 6	80c
GPS 7/	79c
GPS 10	79c
GPS 13	79c
GPS 16	79c
GPS 18/20	79c

Articolo Article	Pagina Page
GPSL 6	79c
GPSL 7/8	80c
GPSL 10	80c
GPSL 13	80c
GPSL 16	80c
GPSL 18/20	80c
GPSX 6	80c
GPSX 7/8	85c
GPSX 10	85c
GPSX 13	85c
GPSX 16	85c
GPSX 18/20	85c
GPSLX 6	85c
GPSLX 7/8	85c
GPSLX 10	85c
GPSLX 13	85c
GPSLX 16	85c
GPSLX 18/20	85c
GRI 0,33	85c
GRI 0,5	82c
GRI 0,75	82c
GRI 1	82c
GRI 1,5	82c
GRI 2	82c
GRI 3,25	82c
GRI 4,75	82c
GRI 6,5	82c
GRI 8,5	82c
GRI 9,5	82c
GRI 12	82c
GRI 13,5	82c
GRI 17	82c
GRI 25	82c
GRI 35	82c
GRI 55	82c
GRID 0,33	82c
GRID 0,5	83c
GRID 0,75	83c
GRID 1	83c
GRID 1,5	83c
GRID 2	83c
GRID 3,25	83c
GRID 4,75	83c
GRID 6,5	83c
GRID 8,5	83c
GRID 9,5	83c
GRID 12	83c
GRID 13,5	83c
GRID 17	83c
GRID 25	83c
GRID 35	83c
GRID 55	83c
GRIDS 0,33	83c
GRIDS 0,5	83c
GRIDS 0,75	83c
GRIDS 1	83c
GRIDS 1,5	83c
GRIDS 2	83c

Articolo Article	Pagina Page
GRIDS 3,25	83c
GRIDS 4,75	83c
GRIDS 6,5	83c
GRIDS 8,5	83c
GRIDS 9,5	83c
GRIDS 12	83c
GRIDS 13,5	83c
GRIDS 17	83c
GRIDS 25	83c
GRIDS 35	83c
GRIDS 55	83c
GRIDS 85	83c
GRIS 0,33	83c
GRIS 0,5	82c
GRIS 0,75	82c
GRIS 1	82c
GRIS 1,5	82c
GRIS 2	82c
GRIS 3,25	82c
GRIS 4,75	82c
GRIS 6,5	82c
GRIS 8,5	82c
GRIS 9,5	82c
GRIS 12	82c
GRIS 13,5	82c
GRIS 17	82c
GRIS 25	82c
GRIS 35	82c
GRIS 55	82c
GRIS 85	82c
HHC-1/2	82c
HHC-1	23c
HHC-2	23c
HHC-3	23c
HHC-5	23c
HHCPJ 1,5	23c
HHCPJ 3	23c
HHCPJ 6	23c
HHCPJ 12	23c
HLC 0,5 U	23c
HLC 1 U	21c
HLC 2 U	21c
HLC 3 U	21c
IMB 30	21c
IMB 50	66c
IMBP 30	66c
IMBP 50	66c
LSB-2H	66c
MA 1	38c
MA 2	69c
MA 3	69c
MA 4	69c
MA 5	69c
MA 6	69c
MB 1 A	69c
MB 2	70c
MB 3	70c
	70c

Articolo Article	Pagina Page
MB 4	70c
MB 5	70c
MB 6	70c
MB 7	70c
MB 8	70c
MB 9	70c
MB 10	70c
MB 11	70c
MB 12	70c
MB 13	70c
MB 14	70c
MB 15	70c
MB 16	70c
MB 17	70c
MB 18	70c
MF 1	68c
MF 2	68c
MF 3	68c
MF 4	68c
MF 5	68c
MFF 1	68c
MFF 2	68c
MG 6	78c
MG 7/8	78c
MG 10	78c
MG 13	78c
MG 16	78c
MG 18	78c
MG 20	78c
MGX 6	84c
MGX 7/8	84c
MGX 10	84c
MGX 13	84c
MGX 16	84c
MGX 18	84c
MGX 20	84c
N 25	62c
N 60	62c
PB 1	30c
PB 1A	30c
PB 2	30c
PB 2A	30c
PB 5	30c
PB 5A	30c
PB 5B	30c
PB 5C	30c
PB 10	30c
PB 10A	30c
PB 20	30c
PB 20A	30c
PBO 1	30c
PBO 1A	30c
PBO 2	30c
PBO 2A	30c
PBO 5	30c
PBO 5A	30c
PBO 5B	30c
PBO 5C	30c

Articolo Article	Pagina Page
PBO 10	30c
PBO 10 A	30c
PBO 20	30c
PBO 20A	30c
PC 0,5	52c
PC 1	52c
PC 2	52c
PC 3	52c
PC 5	52c
PC 10	52c
PC 15,0	52c
PC 20,0	52c
PCE 0,5	52c
PCE 1	52c
PCE 2	52c
PCE 3	52c
PCE 5	52c
PEM 0,2	49c
PEM 0,5	49c
PEM 1	49c
PE-CM 1	50c
PE-CM 2	50c
PE-CT 1	50c
PE-CT 2	50c
PE-CT 3	50c
PE-CT 5	50c
PET 0,5	45c
PET 1	45c
PET 2	45c
PET 3	45c
PET 5	45c
PET 0,5 C	46c
PET 1 C	46c
PET 2 C	46c
PET 3 C	46c
PET 5 C	46c
PETD 0,5	47c
PETD 1	47c
PETD 2	47c
PETD 3	47c
PETD 5	47c
PETD 0,5 C	48c
PETD 1 C	48c
PETD 2 C	48c
PETD 3 C	48c
PETD 5 C	48c
PFU 1	36c
PFU 2,5	36c
PFU 5	36c
PFUJ 500	36c
PFUR 1	36c
PFUR 2,5	36c
PFUR 5	36c
PL 0,75	53c
PL 1,5	53c
PL 3	53c
PLM 0,25	53c
PLM 0,5	53c

Articolo Article	Pagina Page
PMA 2	31c
PMA 5	31c
PMA 10	31c
PO 500 (0-60)	18c
PO 1500 (0-60)	18c
PO 3000 (0-60)	18c
PO-M 1,5	19c
PO-M 3	19c
PO-M 5	19c
PO-MS 1,5	20c
PO-MS 3	20c
PO-MS 5	20c
PO-N 1	19c
PO-N 1	19c
PO-N 1,5	19c
PO-N 1,5	19c
PO-N 2	19c
PO-N 2	19c
PO-N 3	19c
PO-N 3	19c
PO-N 5	19c
POP 500 (0-60)	18c
POP 1500 (0-60)	18c
POP 3000 (0-60)	18c
POR 1 1/2-180 (3-180)	20c
POR 1 1/2 -300 (3-300)	20c
POR 3-180 (3-180)	20c
POR 3-300 (3-300)	20c
POR 4 1/2-180 (3-180)	20c
POR 4 1/2-420 (3-420)	20c
POR 6 -180 (3-180)	20c
POR 6 -420 (3-420)	20c
POR 9 -180 (3-180)	20c
POR 9 -420 (3-420)	20c
PORJ 1,5	21c
PORJ 3	21c
PORJ 4	21c
PRF 1	71c
PRF 2	71c
PRF 2,5	71c
PRF 3	71c
PRF 6	71c
PRG 6	71c
PRG 8	71c
PRG 12	71c
PRG 18	71c
PRFT 6	71c
PRFT 12	71c
PRFT 24	71c
PTA 1	28c
PTA 2	28c
PTA 2A	28c
PTA 5	28c
PTA 5A	28c
PTA 5B	28c
PTA 10	28c
PTA 10A	28c
PTA 10B	28c

Articolo Article	Pagina Page
PTA 20	28c
PTAP 1	29c
PTAP 2	29c
PTAP 2A	29c
PTAP 5	29c
PTAP 5A	29c
PTAP 5B	29c
PTAP 10	29c
PTAP 10A	29c
PTAP 10B	29c
PTAP 20	29c
PTBO 1	29c
PTBO 2	29c
PTBO 2A	29c
PTBO 5	29c
PTBO 5A	29c
PTBO 5B	29c
PTBO 10	29c
PTBO 10A	29c
PTBO 10B	29c
PTBO 20	29c
PTC 200	33c
PTC 250	33c
RJ 0,5	28c
RJ 1	28c
RJ 2	28c
RJ 3	28c
RX PORT	59c
SBN 3 C	64c
SBNEB 0,5	65c
SBNEB 1	65c
SBNEB 1,5	65c
SBNEB 2	65c
SBNEB 3	65c
SBNEB 5	65c
SBNN 1	63c
SBNN 3	63c
SBNN 5	63c
SBNN 10	63c
SBNN 20	63c
SBNN 30	63c
SBNN 50	63c
SBNN-D5	64c
SBNN-D6	64c
SCC 0,5	14c
SCC 1	14c
SCC 1,5	14c
SCC 3	14c
SCC 6	14c
SCC 1 W	14c
SC 5	24c
SC 8	24c
SC 10	24c
SC 12	24c
SC 16	24c
SC 20	24c
SC 25	24c
SDC 0,5 S	15c

Articolo Article	Pagina Page
SDC 1 S	15c
SDC 3,2 S	15c
SDC 6,3 S	15c
SFN 150	67c
SFN 200	67c
SFN 300	67c
SFN 500	67c
SGG 6	81c
SGG 7	81c
SGG 10	81c
SGG 13	81c
SGG 16	81c
SGG 18-20	81c
SGO 6	81c
SGO 7	81c
SGO 10	81c
SGO 13	81c
SGO 16	81c
SGO 18-20	81c
SGP 6	81c
SGP 7	81c
SGP 10	81c
SGP 13	81c
SGP 16	81c
SGP 18-20	81c
SKC 150	35c
SKC 150M (30-60)	35c
SKC 250 (50-80)	35c
SKC 250W (70-100)	35c
SP 2	24c
SP 3	24c
SP 5	24c
SP 5A	24c
SP 6	24c
SPP 0,5	25c
SPP 1	25c
SPP 1,5	25c
SPP 2	25c
SPP 3	25c
SPP 4	25c
SPT 0,5	25c
SPT 1	25c
SPT 1,5	25c
SPT 2	25c
SRC 0,5	55c
SRC 1	55c
SRC 2	55c
SRC 3	55c
SRC 5	55c
SUC 0,5 (0-25)	15c
SUC 1 (0-30)	15c
SUC 1,6 (0-30)	15c
SUC 3,2 (0-40)	15c
SVC 0.5	12c
SVC 1	12c
SVC 2	12c
SVC 3	12c
TC 16 XX SL/A/ASL	75c

Articolo Article	Pagina Page
TC 17 XX SL/A/ASL	75c
TC 18 XX SL/A/ASL	75c
TC 110 XX SL/A/ASL	75c
TC 113 XX SL/A/ASL	75c
TC 116 XX SL/A/ASL	75c
TC 120 XX SL/A/ASL	75c
TC 26 XX SL/A/ASL	76c
TC 27 XX SL/A/ASL	76c
TC 28 XX SL/A/ASL	76c
TC 210 XX SL/A/ASL	76c
TC 213 XX SL/A/ASL	76c
TC 220 XX SL/A/ASL	76c
TC 36 XX SL/A/ASL	76c
TC 37 XX SL/A/ASL	76c
TC 38 XX SL/A/ASL	76c
TC 310 XX SL/A/ASL	76c
TC 313 XX SL/A/ASL	76c
TC 316 XX SL/A/ASL	76c
TC 320 XX SL/A/ASL	76c
TC 46 XX SL/A/ASL	77c
TC 47 XX SL/A/ASL	77c
TC 48 XX SL/A/ASL	77c
TC 410 XX SL/A/ASL	77c
TC 413 XX SL/A/ASL	77c
TC 416 XX SL/A/ASL	77c
TC 420 XX SL/A/ASL	77c
TCX GRADO 100	77c
TP 3/4 (0-13)	7c
TP 1 1/2 (0-22)	7c
TP 3 (0-30)	7c
TP 5 (0-35)	7c
TP 6 (40-90)	7c
TP 7 1/2 (0-40)	7c
TP 7 1/2 (50-100)	7c
TP 9 (0-55)	7c
TP 12 (0-52)	7c
TP 12 (50-100)	7c
TP 15 (0-76)	7c
TP 15 (80-150)	7c
TP 25 (5-85)	7c
TP 25 (80-150)	7c
TPE 3 (0-100)	13c
TPH 3/4	11c
TPH 1	11c
TPH 2	11c
TPH 3	11c
TPH 4,5	11c
TPSH 3/4	11c
TPSH 1	11c
TPSH 2	11c
TPSH 3	11c
TPSH 4,5	11c
TPP 1 1/2 (0-22)	13c
TPR 1 1/2 (40-75)	17c
TPRN 2	17c
TPRN 4	17c
TPS 3/4 (0-13)	8c
TPS 1 1/2 (0-22)	8c

Articolo Article	Pagina Page
TPS 3 (0-30)	8c
TPS 4 1/2 (0-45)	8c
TPS 5 (0-35)	8c
TPS 6 (40-90)	8c
TPS 7-1/2 (50-100)	8c
TPS 9 (50-100)	8c
TPS-J 1	9c
TPS-J 2	9c
TPS-J 3/4	9c
TPS-J 1-1/2	9c
TPS-J 3	9c
TPS-J 5	9c
TPS-J 7,5	9c
TPS-J 10	9c
TPSJ-AS 3/4	9c
TPSJ-AS 1-1/2	9c
TPSJ-AS 3	9c
TPSJ-AS 4,5	9c
TPS-P 0,5	12c
TPS-P 1	12c
TPS-P 2	12c
TPS-P 3	12c
TPU 1 (0-80)	14c
UGC-150	34c
UGC-250M	34c
CONSIGLI DI UTILIZZO	91c
AREE ISPEZIONE	94c
RICAMBI ORGINALI	96c

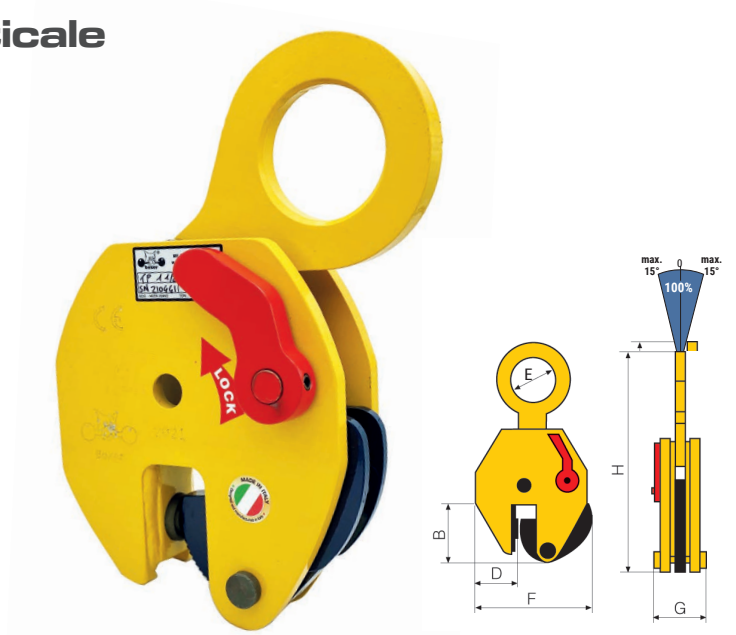
* nuovo NEW

TP Per trasporto verticale

Le lamiere possono essere afferrate orizzontalmente, sollevate e trasportate verticalmente ed infine essere riportate in posizione orizzontale con facilità ed assoluta sicurezza. Sono tutte provviste di leva di tenuta con un eccentrico per bloccare le ganasce di presa, al fine di evitare disinnesti accidentali durante le normali operazioni.

For vertical transport

Plates can be gripped horizontally, lifted and vertically transported and finally returned to horizontal position with extreme easy and safety. They are all equipped with a lock lever assembly and with an eccentric to block the clamp, in order to avoid disengagement during the normal operations.



STANDARD

Durezza superficie lamiera **max. HRC35** / *Plate surface hardness* ***max. HRC35***

Articolo / Article	Codice / Code	Portata Kg / Capacity Kg	Apertura mm / Opening mm	Dimensioni mm - *Dimensions mm* B	D	E	F	G	H	Peso Kg / Weight Kg	
TP 3/4	199056	750	0 - 13	45	35	30	100	50	205	1,6	1
TP 1 1/2	199063	1500	0 - 22	80	60	65	175	80	335	7,0	1
TP 3	199032	3000	0 - 30	85	70	70	230	115	430	15,0	1
TP 5	196840	5000	0 - 35	115	90	75	240	120	500	20,8	1
TP 7 1/2	197212	7500	0 - 40	111	76	75	246	82	530	24,0	1
TP 9	212045	9000	0 - 55	111	86	75	267	86	522	27,0	1
TP 12	180948	12000	0 - 52	148	94	85	295	44	617	37,0	1
TP 15	100816	15000	0 - 76	209	106	86	373	49	810	71,0	1

Per usufruire in caso di necessità delle prerogative del modello Boxer TPS, sarà sufficiente, in aggiunta alle pinze Boxer TP, ordinare a parte il solo complesso snodato formato dalle parti di ricambio di facile intercambiabilità (vedere pag. 97c).

In case of necessity to get advantage of the qualities of Boxer TPS, it will be sufficient, besides Boxer clamps TP, to order only the shackle assembly which is easily interchangeable (see pag 97c).

APERTURE SPECIALI (SU RICHIESTA)

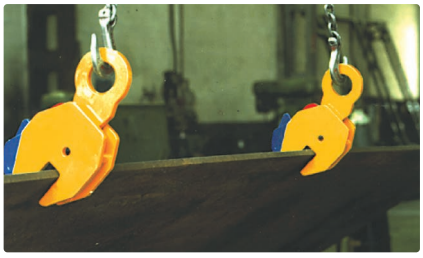
Special opening ***(on request)***

Durezza superficie lamiera **max. HRC35** / *Plate surface hardness* ***max. HRC35***

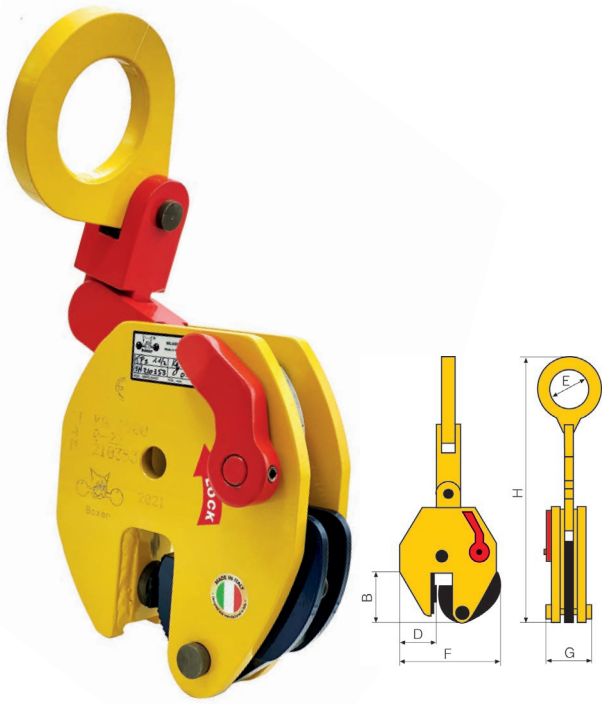
Articolo / Article	Codice / Code	Portata Kg / Capacity Kg	Apertura mm / Opening mm	Dimensioni mm - *Dimensions mm* B	D	E	F	G	H	Peso Kg / Weight Kg	
TP 6	208314	6000	40 - 90	115	70	75	275	78	490	21,0	1
TP 7 1/2	212014	7500	50 - 100	110	70	75	315	82	525	26,0	1
TP 12	180955	12000	50 - 100	153	100	86	345	94	615	41,0	1
TP 15	178389	15000	80 - 150	221	136	86	450	106	780	77,0	1
TP 25	180962	25000	5 - 85	250	150	100	563	140	900	15,0	1
TP 25	180979	25000	80 - 150	250	153	100	640	140	930	160,0	1







TPS Per trasporto verticale e orizzontale



Tra l'anello di trazione ed il corpo centrale è inserito un elemento di congiunzione in modo da ottenere una maggiore ampiezza di angolazione, consentendo così di sollevare lamiere o profilati in qualsiasi posizione, (orizzontale, verticale, ecc.).

For vertical and horizontal transport

Between the shackle and the frame, an extra link has been connected, as to obtain a wider angle, and so allowing the lifting of plates from any position (horizontal, vertical, etc.). At 150 mm opening distance, capable of clamping pressures up to 25 Nm, corresponding to 8500 N of torque.

STANDARD

Durezza superficie lamiera **max. HRC35** / *Plate surface hardness* ***max. HRC35***

Articolo / Article	Codice / Code	Portata Kg / Capacity Kg	Apertura mm / Opening mm	Dimensioni mm - *Dimensions mm* B	D	E	F	G	H	Peso Kg / Weight Kg	
TPS 3/4	199025	**750**	**0 – 13**	45	35	30	100	50	265	2,0	1
TPS 1 1/2	199407	**1500**	**0 – 22**	80	60	65	175	80	455	8,0	1
TPS 3	199759	**3000**	**0 – 30**	85	70	70	230	115	605	17,0	1
TPS 5	196864	**5000**	**0 – 35**	115	90	75	240	120	695	25,0	1

Per usufruire in caso di necessità delle prerogative del modello Boxer TPS, sarà sufficiente, in aggiunta alle pinze Boxer TP, ordinare a parte il solo complesso snodato formato dalle parti di ricambio di facile intercambiabilità (vedere pag. 97c).

In case of necessity to get advantage of the qualities of Boxer TPS, it will be sufficient, besides Boxer clamps TP, to order only the shackle assembly which is easily interchangeable (see pag. 97c).

APERTURE SPECIALI (SU RICHIESTA)

Special opening (on request)

Durezza superficie lamiera **max. HRC35** / *Plate surface hardness* ***max. HRC35***

Articolo / Article	Codice / Code	Portata Kg / Capacity Kg	Apertura mm / Opening mm	Dimensioni mm - *Dimensions mm* B	D	E	F	G	H	Peso Kg / Weight Kg	
TPS 4 1/2	203777	**4500**	**0 – 45**	85	60	70	230	77	655	19,2	1
TPS 6	212038	**6000**	**40 – 90**	115	70	75	275	78	760	25,0	1
TPS 7 1/2	212021	**7500**	**50 – 100**	110	70	75	310	86	700	31,0	1
TPS 9	162579	**9000**	**50 – 100**	110	70	75	315	86	800	32,0	1



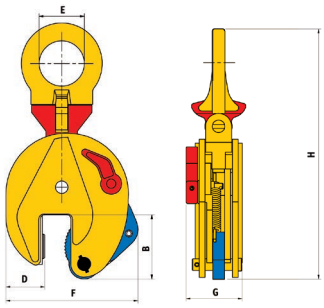


TPS-J Per trasporto verticale laterale

Dotata di anello di trazione pivottante che permette facilità di tiro a diverse angolazioni garantendo forza di serraggio in tutte le posizioni.

With articulated lifting shackle for universal lifting flexibility at various angles. Guaranteeing pressure grip in every position.





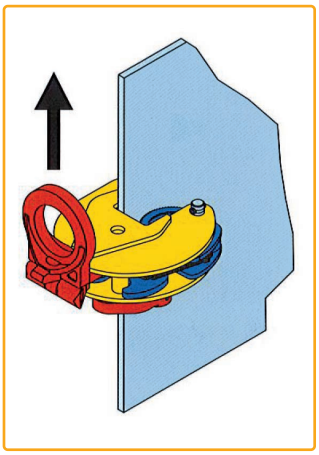
STANDARD

Durezza superficie lamiera **max. HRC35** / *Plate surface hardness* ***max. HRC35***

Articolo / Article	Codice / Code	Portata Kg / Capacity Kg	Apertura mm / Opening mm	Dimensioni mm - *Dimensions mm* B	D	E	F	G	H	Peso Kg / Weight Kg	
TPSJ 3/4	206938	750	0 – 15	51	34	30	110	44	210	2,0	1
TPSJ 1	224611	1000	0 – 20	70	45	50	145	55	300	5,0	1
TPSJ 1 1/2	206945	1500	0 – 20	90	60	67	170	60	370	6,0	1
TPSJ 2	224628	2000	0 – 25	95	61	68	175	75	385	8,0	1
TPSJ 3	206952	3000	0 – 30	105	64	75	235	90	440	13,0	1
TPSJ 5	208468	5000	0 – 50	115	68	80	235	100	480	21,0	1
TPSJ 7 1/2	208093	7500	0 – 45	134	77	88	262	115	600	37,0	1
TPSJ 10	208109	10000	50 – 90	185	100	90	480	125	700	50,0	1







APERTURE SPECIALI

Special opening

Durezza superficie lamiera **max. HRC35** / *Plate surface hardness* ***max. HRC35***

Articolo / Article	Codice / Code	Portata Kg / Capacity Kg	Apertura mm / Opening mm	Dimensioni mm - *Dimensions mm* B	D	E	F	G	H	Peso Kg / Weight Kg	
TPSJ-AS 3/4	206969	750	15 – 30	55	32	30	120	50	210	2,0	1
TPSJ-AS 1 1/2	206976	1500	20 – 40	90	55	67	195	70	370	7,0	1
TPSJ-AS 3	207010	3000	25 – 50	105	60	75	235	100	440	15,0	1
TPSJ-AS 4 1/2	208116	4500	25 – 50	105	60	75	235	100	440	15,0	1

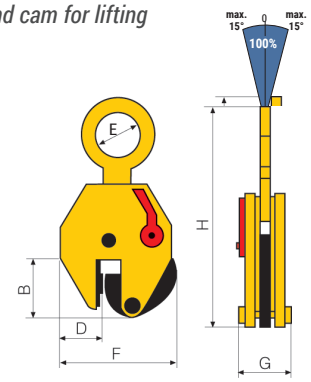




TPH Per trasporto verticale Hardox/Inox NEW

Dotata di ganasce extra indurite per il sollevamento di lamiere fino a una durezza superficiale **max. 55 HRC**.

*Equipped with an extra hardened pivot and cam for lifting plates with a hardness of **max. 55 HRC**.*



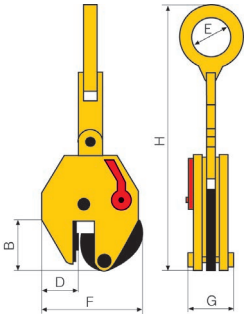


Articolo Article	Codice Code	Portata Kg Capacity Kg	Apertura mm Opening mm	Dimensioni mm - *Dimensions mm* B	D	E	F	G	H	Peso Kg Weight Kg	
TPH 3/4	210768	750	0 - 13	47	37	30	100	37	202	1,8	1
TPH 1	217248	1000	0 - 25	56	37	45	141	47	263	3,5	1
TPH 2	179096	2000	0 - 35	78	56	64	183	56	336	7,0	1
TPH 3	210775	3000	0 - 35	78	56	64	183	56	336	7,1	1
TPH 4,5	223560	4500	0 - 45	85	60	70	228	78	425	15,8	1

TPSH Per trasporto verticale e orizzontale Hardox/Inox NEW

Dotata di ganasce extra indurite per il sollevamento di lamiere fino a una durezza superficiale **max. 55 HRC**.

*Equipped with an extra hardened pivot and cam for lifting plates with a hardness of **max. 55 HRC**.*



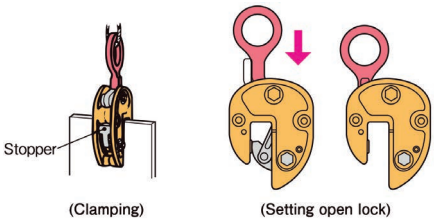


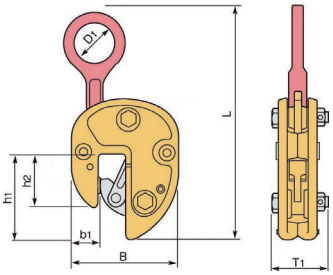
Articolo Article	Codice Code	Portata Kg Capacity Kg	Apertura mm Opening mm	Dimensioni mm - *Dimensions mm* B	D	E	F	G	H	Peso Kg Weight Kg	
TPSH 3/4	216272	750	0 - 13	47	37	30	100	37	306	2,0	1
TPSH 1	215879	1000	0 - 25	56	37	45	141	47	404	4,6	1
TPSH 2	214230	2000	0 - 35	78	56	64	183	56	515	7,9	1
TPSH 3	223577	3000	0 - 35	78	56	64	183	56	515	7,9	1
TPSH 4,5	223584	4500	0 - 45	85	60	70	228	78	652	19,0	1

SVC Per trasporto verticale con chiusura automatica NEW

Design compatto e ultra-leggero dotata di pulsante per la chiusura a scatto della ganascia mobile.

Compact and ultra-light weight design.
Equipped with a stopper for the clamps locking.







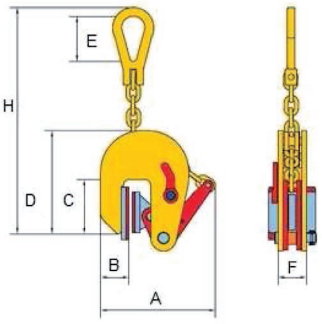
Articolo Article	Codice Code	Portata Kg Capacity Kg	Apertura mm Opening mm	Dimensioni mm - *Dimensions mm* B	b1	h1	h2	L	T1	D1	Peso Kg Weight Kg	
SVC 0.5	223485	500	0 - 19	108	29	85	54	210	45	35	1,6	1
SVC 1	223492	1000	0 - 25	126	35	101	62	265	58	46	3,2	1
SVC 2	223508	2000	0 - 32	152	43	120	73	330	72	61	6,0	1
SVC 3	223515	3000	0 - 38	168	47	135	81	385	84	74	9,0	1

TPS-P Per trasporto lamiere delicate o lucide

Dotata di ganasce rivestite in materiale antiscivolo speciale per non graffiare il materiale. Perfetta per il sollevamento di **inox, alluminio, vetro, pietra, legno, superfici verniciate, plastica.**

*With special anti-friction pads to guarantee non-marking. Perfect for liftng materials such as **stainless steel, aluminium, glass, native stone, wood, painted materials, plastic.***



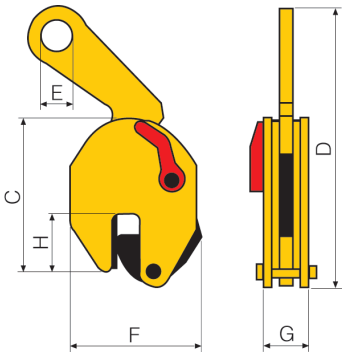




Articolo Article	Codice Code	Portata Kg Capacity Kg	Apertura mm Opening mm	Dimensioni mm - *Dimensions mm* A	B	C	D	E	F	H	Peso Kg Weight Kg	
TPS-0,5P	205511	500	1 – 20	220	48	100	200	65	48	460	5,5	1
TPS -1P	207232	1000	1 – 30	280	46	105	235	80	54	465	6,5	1
TPS -2P	199704	2000	1 – 50	406	60	125	360	100	80	700	14,0	1
TPS -3P	207249	3000	1 – 60	406	65	125	360	100	80	700	15,0	1

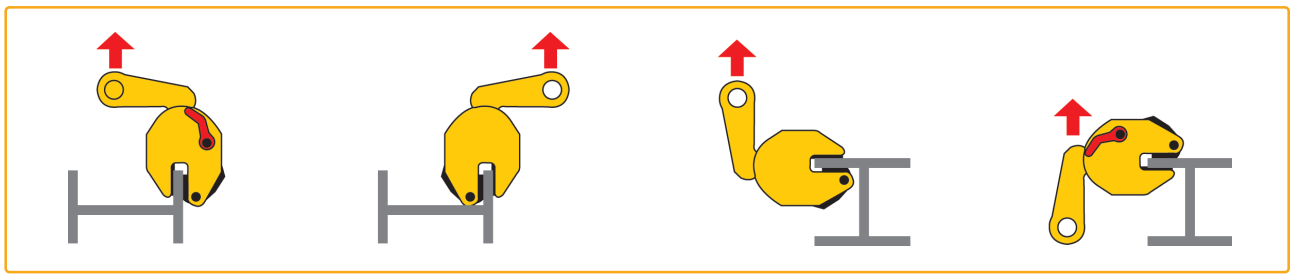
TPP Per trasporto putrelle in posizione orizzontale/verticale





Ideale per accatastare e stoccare questo tipo di materiale. Non necessita di alcun intervento manuale per il riallineamento.

For beam vertical and horizontal transport Ideal for beam stocking. No hand operation is required for right positioning.



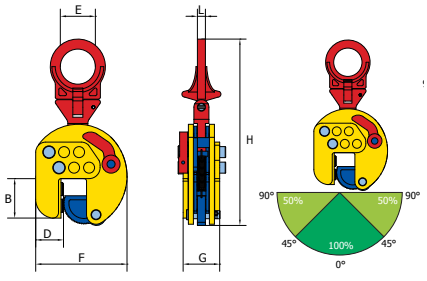
Durezza superficie lamiera **max. HRC35** / *Plate surface hardness **max. HRC35***

Articolo Article	Codice Code	Portata Kg Capacity Kg	Apertura mm Opening mm	Dimensioni mm - *Dimensions mm* C	D	E	F	G	H	Peso Kg Weight Kg	
TPP 1 1/2	197281	1500	0 - 22	200	370	60	175	80	80	8,0	1

TPE Ad apertura regolabile

Le 3 differenti posizioni di regolazione, ad interasse di 30 mm, permettono un ampio range d'apertura.

The adjustable jaw opening, movable by steps of 30 mm, allow a wide opening range.





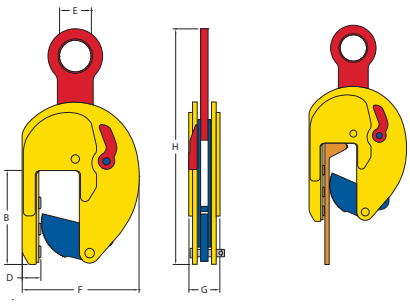
Durezza superficie lamiera **max. HRC35** / *Plate surface hardness **max. HRC35***

Articolo Article	Codice Code	Portata Kg Capacity Kg	Apertura mm Opening mm	Dimensioni mm - *Dimensions mm* B	D	E	F	G	H	L	Peso Kg Weight Kg	
TPE 3	194518	3000	0 - 95	80	50	70	180-240	75	370	15	10,0	1

TPU Pinza con apertura speciale

Ampia apertura.
Ideale per il sollevamento di lamiere con profili speciali.

Wide opening.
Useful for lifting special profile metal sheet.





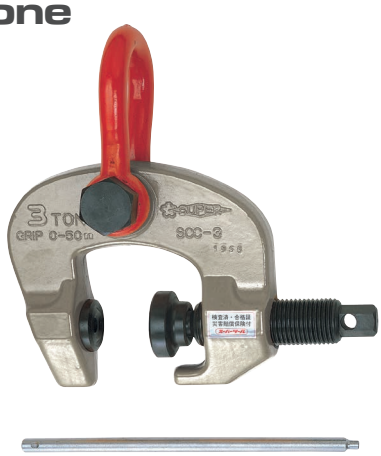
Durezza superficie lamiera **max. HRC35** / *Plate surface hardness **max. HRC35***

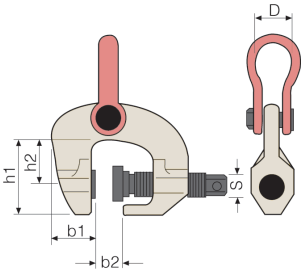
Articolo Article	Codice Code	Portata Kg Capacity Kg	Apertura mm Opening mm	Dimensioni mm - *Dimensions mm* B	E	H	F	D	G	Peso Kg Weight Kg	
TPU 1	200097	1000	0-80	205	65	520	260	40	67	19,5	1

SCC Con vite di pressione

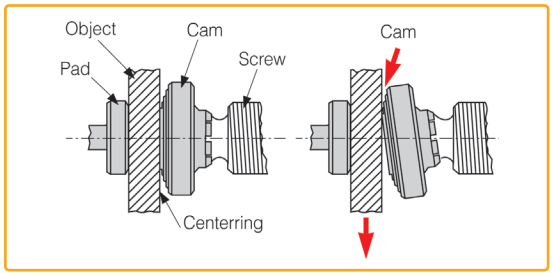
Per sollevamento (orizzontale, verticale) e per ribaltare lamiere, particolari in acciaio, piatti, tondi.
Più pesante è il carico maggiore è la pressione della vite sul controperno. Collaudato antivibrazioni.
Perfetta nei processi di piegatura della lamiera.

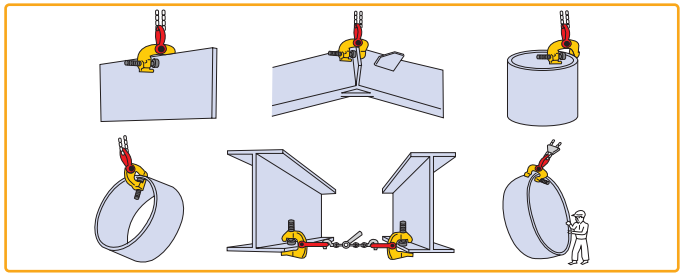
Screw cam clamps
For lifting (horizontal vertical) and turning over of all objects, such as steel plates, steel sections, spherical plates, and curved plates. The heavier the load, the deeper becomes the cam biting to grip firmly.
This is vibration-proof type.
Perfect in sheet metal bending processes.











Durezza superficie lamiera **max. HRC35** / *Plate surface hardness **max. HRC35***

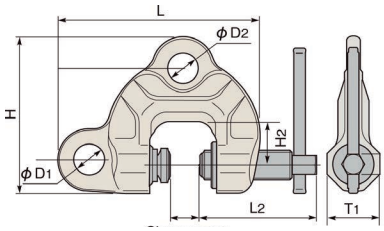
Articolo Article	Codice Code	Portata Kg Capacity Kg	Apertura mm Opening mm	Dimensioni mm - *Dimensions mm* b1	b2	D	h1	h2	S	Peso Kg Weight Kg	
SCC - 0,5	150644	500	0 – 28	34	30	17	42	26	13	0,8	1
SCC - 1	202060	1000	0 – 30	48	32	38	83	45	21	3,0	1
SCC - 1,5	156707	1500	0 – 32	52	34	45	91	52	21	4,0	1
SCC - 3	159371	3000	0 – 50	59	54	50	105	60	21	6,0	1
SCC - 6	159333	6000	0 – 75	76	79	80	130	76	21	18,0	1
SCC - 1W	159395	1000	50 – 100	54	106	45	126	88	21	6,0	1

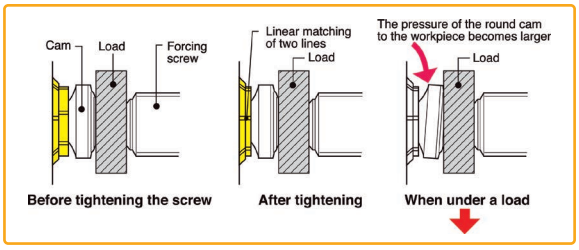
SDC-S Con vite di pressione e doppio attacco NEW



Per sollevamento, ancoraggio e trazione.
Dotata di doppio anello di trazione e sistema di allineamento per immediato **controllo visivo della corretta coppia di serraggio.**

*Equipped with douple lifting shackle and **easy check system of adequacy of tightening confirmation.***





Durezza superficie lamiera **max. HRC35** / *Plate surface hardness **max. HRC35***

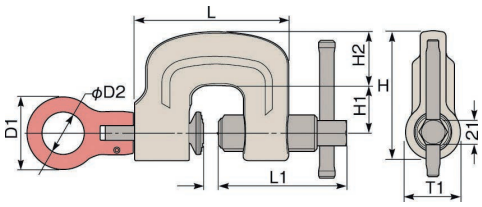
Articolo / Article	Codice / Code	Portata Kg / Capacity Kg	Apertura mm / Opening mm	Dimensioni mm - *Dimensions mm* L	L2	H	H2	Ø D1	Ø D2	T1	Peso Kg / Weight Kg	
SDC 0,5S	223522	500	0 - 25	158	89	121	30	27	27	46	1,9	1
SDC 1S	223539	1000	0 - 40	208	121	161	45	32	32	54	3,6	1
SDC 2S	223546	2000	0 - 40	227	121	177	45	36	32	60	4,8	1
SDC 3,2S	216753	3200	0 - 40	252	136	196	50	45	35	64	7,0	1
SDC 6,3S	223553	6300	0 - 50	291	152	225	55	50	41	90	17,0	1

SUC Con vite di pressione e anello di presa rotante/girevole



Ideale per sollevamento, trazione orizzontale e ribaltamento di strutture e lamiere. **L'anello di trazione ruota a 360°** e permette un ampio campo applicativo.

*Rost suitable for the lift-up, horizontal pulling, and turn over of steel plates and structured steels. **The shackle turns 360 degrees.** This makes it possible a wide range of pulling operations.*



Durezza superficie lamiera **max. HRC35** / *Plate surface hardness **max. HRC35***

Articolo / Article	Codice / Code	Portata Kg / Capacity Kg	Apertura mm / Opening mm	Dimensioni mm - *Dimensions mm* L	L1	H	H1	H2	T1	D1	D2	Peso Kg / Weight Kg	
SUC - 0,5	196468	500	0 – 25	120	89	91	30	38	46	60	35	2,0	1
SUC - 1	196475	1000	0 – 30	130	109	108	40	45	46	60	35	2,8	1
SUC - 1,6	196482	1600	0 – 30	133	109	110	40	45	50	75	45	3,5	1
SUC - 3,2	196499	3200	0 – 40	165	136	130	45	55	62	80	50	5,1	1

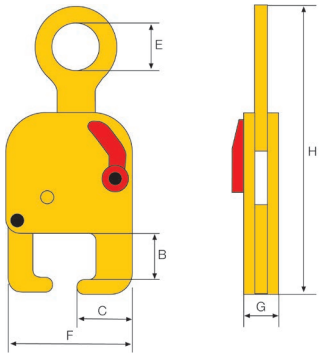




TPR Per trasporto orizzontale rotaie

Per trasporto orizzontale delle rotaie.

For horizontal lifting of rail profiles.





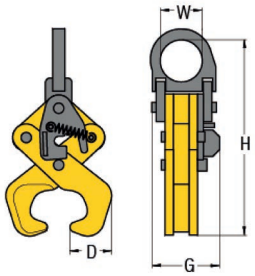
Articolo Article	Codice Code	Portata Kg Capacity Kg	Apertura mm Opening mm	Dimensioni mm - *Dimensions mm* B	C	E	F	G	H	Peso Kg Weight Kg	
TPR 1 1/2	196451	1500	40 – 75	63	70	65	170	48	390	8	1

TPRN Per trasporto orizzontale rotaie NEW

Per trasporto orizzontale delle rotaie.
Sistema di chiusura a pantografo.

For horizontal lifting of rail profiles.
With pantograph system.





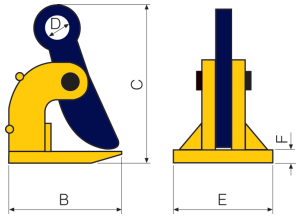


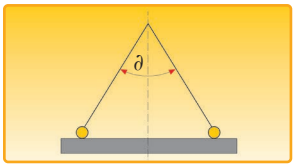
Articolo Article	Codice Code	Portata Kg Capacity Kg	Apertura mm Opening mm	Dimensioni mm - *Dimensions mm* G	H	D	W	Peso Kg Weight Kg	
TPRN 2	212960	2000	15 - 85	108	302	60	58	6,2	1
TPRN 4	215329	4000	10 - 95	155	410	76	70	15,0	1

PO Presa orizzontale lamiera singola

Importante: Nel trasporto orizzontale la capacità di sollevamento è subordinata all'ampiezza dell'angolo compreso tra le catene e il piano del carico sospeso.
Da utilizzare in coppia.

Horizontal lifting single sheet.
Important: Please remember that the maximum lifting capacity of the clamps is related to the chain angle of the load when using a double leg chain sling.
Always to be used in pairs.







Capacità di sollevamento - *Lifting capacity*
∂ 60° = 100% – ∂ 90° = 70% – ∂ 120° = 50%

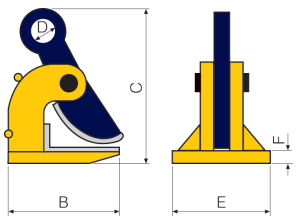
Durezza superficie lamiera **max. HRC35** / *Plate surface hardness* ***max. HRC35***

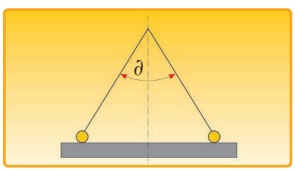
Articolo Article	Codice Code	Portata SINGOLA Kg SINGLE Capacity Kg	Apertura mm Opening mm	Dimensioni mm - *Dimensions mm* B	C	D	E	F	Peso Kg Weight Kg	
PO 500	196871	**500**	**0 – 60**	180	225	30	180	10	6,0	1
PO 1500	196888	**1500**	**0 – 60**	180	230	30	180	15	8,0	1
PO 3000	196895	**3000**	**0 – 60**	180	235	30	180	20	12,0	1

POP Presa orizzontale lamiera singola con protezioni

Con protezioni in gomma per proteggere la superficie della lamiera.
Ideale per acciaio inox, alluminio, rame, ottone.
Da utilizzare in coppia.

Horizontal lifting flawless type
For transportation of sheets of stainless steel, polished sheets, copper, aluminium, etc. The gripping parts are furnished with special rubber plates to protect the goods to be lifted.
Always to be used in pairs.







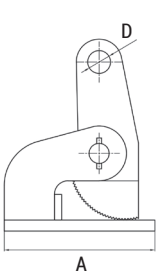
Capacità di sollevamento - *Lifting capacity*
∂ 60° = 100% – ∂ 90° = 70% – ∂ 120° = 50%

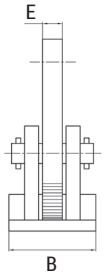
Articolo Article	Codice Code	Portata SINGOLA Kg SINGLE Capacity Kg	Apertura mm Opening mm	Dimensioni mm - *Dimensions mm* B	C	D	E	F	Peso Kg Weight Kg	
POP 500	196901	**500**	**0 – 40**	180	225	30	180	10	6,0	1
POP 1500	196918	**1500**	**0 – 40**	180	230	30	180	15	8,0	1
POP 3000	196925	**3000**	**0 – 40**	180	235	30	180	20	12,0	1

PO-N Presa orizzontale lamiera singola base ridotta NEW

Per sollevamento orizzontale.
Base ridotta.
Da utilizzare in coppia

For horizontal lifting.
Reduced base.
Always be used in pairs.







Capacità di sollevamento - *Lifting capacity*
∂ 60° = 100% – ∂ 90° = 70% – ∂ 120° = 50%

Durezza superficie lamiera **max. HRC35** / *Plate surface hardness **max. HRC35***

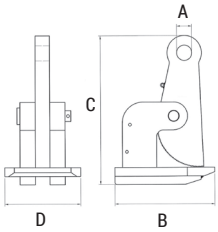
Articolo Article	Codice Code	Portata SINGOLA Kg SINGLE Capacity Kg	Apertura mm Opening mm	Dimensioni mm - *Dimensions mm* A	B	D	E	Peso Kg Weight Kg	
PO-N 1	215060	500	0 - 60	180	80	25	16	3,1	1
PO-N 1	215107	500	0 - 100	180	80	25	16	7,0	1
PO-N 1,5	215077	750	0 - 60	180	80	25	16	6,5	1
PO-N 1,5	215114	750	0 - 100	180	80	25	16	7,5	1
PO-N 2	215084	1000	0 - 60	180	80	25	16	7,5	1
PO-N 2	215121	1000	0 - 100	180	80	30	16	9,5	1
PO-N 3	215091	1500	0 - 60	220	90	30	16	10,0	1
PO-N 3	215138	1500	0 - 100	220	90	30	16	12,0	1
PO-N 5	215145	2500	0 - 100	220	110	45	25	20,0	1

PO-M Presa orizzontale lamiera singola chiusura a molla NEW

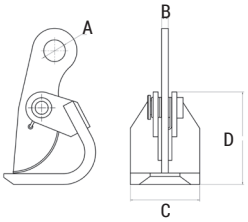
Per sollevamento orizzontale. Chiusura a molla. Da utilizzare in coppia

For horizontal lifting. Spring lock. Always be used in pairs.

PO-M 3 / PO-M 5
Molla in apertura







PO-M 1,5
Molla in chiusura



Capacità di sollevamento - *Lifting capacity*
∂ 60° = 100% – ∂ 90° = 70% – ∂ 120° = 50%

Durezza superficie lamiera **max. HRC35** / *Plate surface hardness **max. HRC35***

Articolo Article	Codice Code	Portata SINGOLA Kg SINGLE Capacity Kg	Apertura mm Opening mm	Dimensioni mm - *Dimensions mm* A	B	C	D	Peso Kg Weight Kg	
PO-M 1,5	221498	750	0 - 50	30	16	100	126	2,0	1
PO-M 3	215152	1500	0 - 50	36	220	270	110	6,0	1
PO-M 5	215169	2500	0 - 60	40	260	315	130	12,0	1

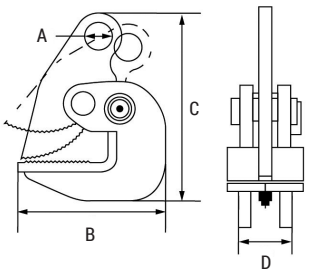
PO-MS Presa orizzontale lamiera singola Chiusura molla/pulsante a scatto

NEW



Per sollevamento orizzontale.
Chiusura con pulsante a scatto.
Da utilizzare in coppia

For horizontal lifting.
Button operated clamping.
Always be used in pairs.



Capacità di sollevamento - *Lifting capacity*
∂ 60° = 100% – ∂ 90° = 70% – ∂ 120° = 50%

Durezza superficie lamiera **max. HRC35** / *Plate surface hardness **max. HRC35***

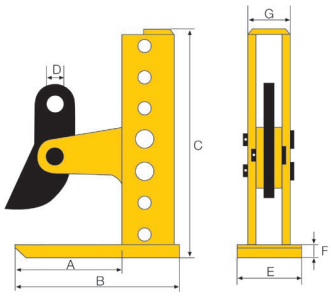
Articolo / Article	Codice / Code	Portata SINGOLA Kg / SINGLE Capacity Kg	Apertura mm / Opening mm	Dimensioni mm - *Dimensions mm* A	B	C	D	Peso Kg / Weight Kg	
PO-MS 1,5	224635	750	0 - 25	22	125	165	40	2,5	1
PO-MS 3	224642	1500	0 - 30	30	148	205	45	4,0	1
PO-MS 5	224659	2500	0 - 45	30	180	245	50	6,0	1

POR Per sollevamento orizzontale di pacchi lamiere o singole lamiere apertura regolabile



Per sollevamento, movimentazione e trasporto orizzontale di pacchi o singole lamiere.
Apertura regolabile.
Da utilizzare in coppia.

For lifting, handling and transporting of packages and single steel plates.
Adjustable.
Always be used in pairs.



Capacità di sollevamento - Lifting capacity
∂ 60° = 100% – ∂ 90° = 70% – ∂ 120° = 50%

Durezza superficie lamiera **max. HRC35** / *Plate surface hardness **max. HRC35***

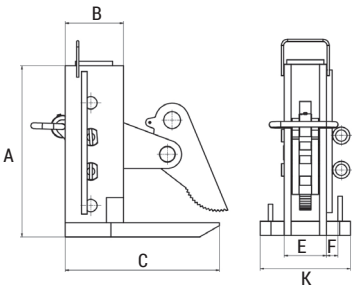
Articolo / Article	Codice / Code	Portata SINGOLA Kg / SINGLE Capacity Kg	Apertura mm / Opening mm	Dimensioni mm - *Dimensions mm* A	B	C	D	E	F	G	Peso Kg / Weight Kg	
POR 1 1/2 - 180	196505	750	3 – 180	135	200	290	30	87	15	60	9,0	1
POR 1 1/2 - 300	196512	750	3 – 300	135	200	410	30	87	15	60	11,5	1
POR 3 - 180	196529	1500	3 – 180	165	240	300	30	105	20	70	14,5	1
POR 3 - 300	196536	1500	3 – 300	165	235	410	30	105	20	70	13,0	1
POR 4 1/2 - 180	196543	2250	3 – 180	165	240	300	30	105	20	70	13,0	1
POR 4 1/2 - 420	196550	2250	3 – 420	170	235	530	30	105	20	70	17,0	1
POR 6 - 180	196567	3000	3 – 180	160	250	305	30	120	25	77	18,0	1
POR 6 - 420	196574	3000	3 – 420	165	250	540	30	120	25	75	23,0	1
POR 9 - 180	196581	4500	3 – 180	160	250	305	30	120	25	77	18,0	1
POR 9 - 420	196598	4500	3 – 420	165	250	540	30	120	25	75	24,0	1

PORJ — Per sollevamento orizzontale di pacchi lamiere o singole lamiere apertura regolabile



Per sollevamento, movimentazione e trasporto orizzontale di pacchi o singole lamiere.
Apertura regolabile.
Da utilizzare in coppia.

For lifting, handling and transporting of packages and single steel plates.
Adjustable.
Always be used in pairs.



Capacità di sollevamento - Lifting capacity
∂ 60° = 100% – ∂ 90° = 70% – ∂ 120° = 50%

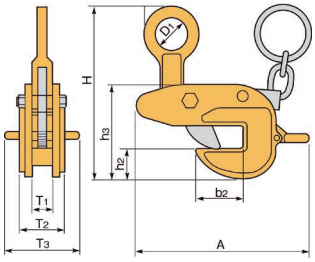
Durezza superficie lamiera **max. HRC35** / *Plate surface hardness* ***max. HRC35***

Articolo / Article	Codice / Code	Portata SINGOLA Kg / SINGLE Capacity Kg	Apertura mm / Opening mm	Dimensioni mm - *Dimensions mm* A	B	C	E	F	K	Peso Kg / Weight Kg	
PORJ 1,5	209533	1500	0 – 180	300	102	270	74	20	158	19,0	1
PORJ 3	209540	3000	0 – 240	450	123	300	88	28	175	26,0	1
PORJ 4	209557	4000	0 – 240	515	128	310	92	30	200	51,0	1

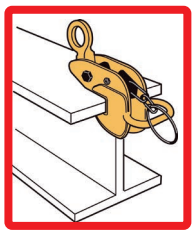
HLC-U — Per sollevamento lamiere, strutture e travi forma "H", "I", "T", "L" NEW

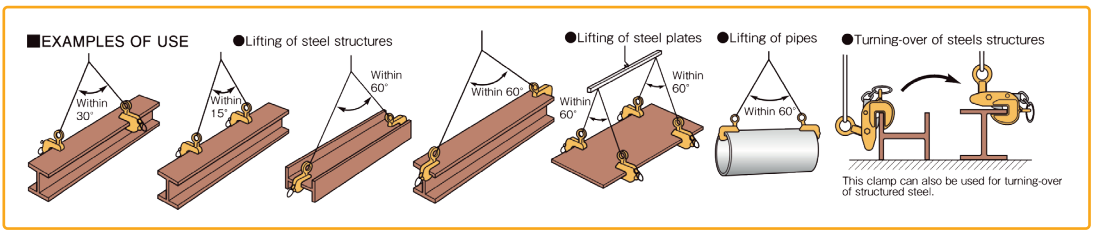
Il tensionamento della ganascia mobile grazie alla molla, assicura il facile posizionamento della pinza anche senza carico iniziale.

The spring-loaded tightening lock mechanism assures a positive initial clamping force even under no-loaded condition.









Durezza superficie lamiera **max. HRC35** / *Plate surface hardness* ***max. HRC35***

Articolo / Article	Codice / Code	Portata Kg / Capacity Kg	Apertura mm / Opening mm	Dimensioni mm - *Dimensions mm* A	b2	H	h2	h3	T1	T2	T3	Peso Kg / Weight Kg	
HLC 0,5 U	222235	500	0 - 25	212	56	208	35	112	27	57	84	3,2	1
HLC 1U	204057	1000	0 - 30	250	65	246	46	141	34	64	84	5,1	1
HLC 2U	222242	2000	0 - 35	283	74	292	58	171	38	80	98	8,7	1
HLC 3U	222334	3000	0 - 40	329	83	337	70	200	42	90	112	13,5	1

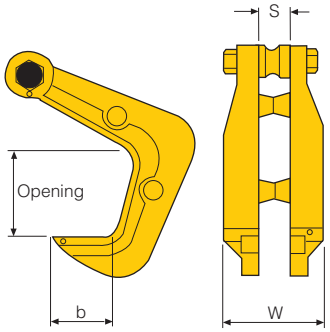


HHC Uncino per sollevamento orizzontale

La testa dell'attrezzatura ha una sede girevole che non danneggia la fune.
Il punto di appoggio resta posteriore e facilita la rimozione del gancio.

The head part is of roller type, and does not damage the wire ropes.
The landing point is at the back of the hook. This makes it extremely simple to remove the hook from the work piece.





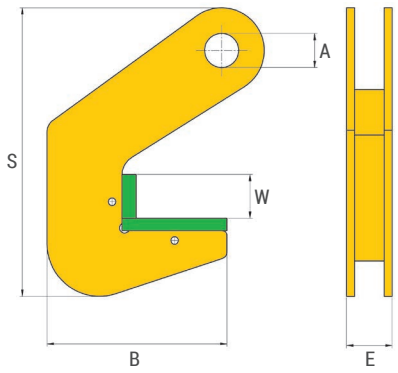
Articolo Article	Codice Code	Portata SINGOLA Kg SINGLE Capacity Kg	Apertura mm Opening mm	Dimensioni mm - *Dimensions mm* B	S	W	Peso Kg Weight Kg	
HHC - 1/2	166072	**500**	**58**	42	30	63	1,1	1
HHC - 1	163200	**1000**	**65**	47	40	80	2,1	1
HHC - 2	156639	**2000**	**80**	58	54	105	4,5	1
HHC - 3	166089	**3000**	**95**	68	65	125	7,8	1
HHC - 5	166096	**5000**	**125**	90	85	160	16,5	1

HHPJ Uncino per sollevamento orizzontale con protezioni

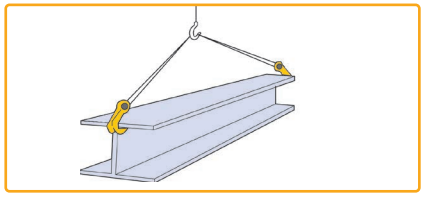
Protezioni in gomma antigraffio.
Il punto di appoggio resta posteriore e facilita la rimozione del gancio.
Grillo non incluso.

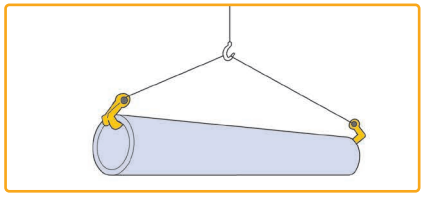
Rubber antigripping protection.
The landing point is at the back of the hook.
This makes it extremely simple to remove the hook from the work piece.
Shackle not included.

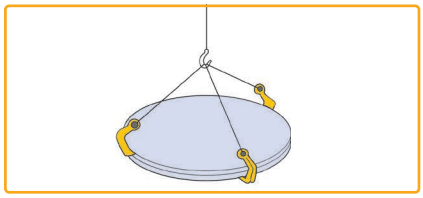




Articolo Article	Codice Code	Portata SINGOLA Kg SINGLE Capacity Kg	Apertura mm Opening mm	Dimensioni mm - *Dimensions mm* A	B	E	S	W	Peso Kg Weight Kg	
HHCPJ 1,5	212441	**750**	**40**	26	70	35	220	35	3,0	1
HHCPJ 3	212458	**1500**	**40**	26	70	35	250	35	3,0	1
HHCPJ 6	212465	**3000**	**50**	30	70	40	250	40	5,0	1
HHCPJ 12	212472	**6000**	**70**	32	70	46	340	45	11,5	1





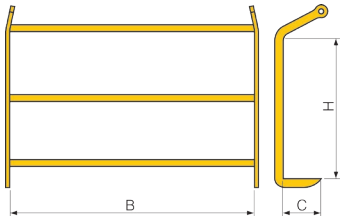


SP Staffe per pacchi di lamiere

Per sollevamento orizzontale
Da utilizzare in coppia

For horizontal lifting
Always be used in pairs.





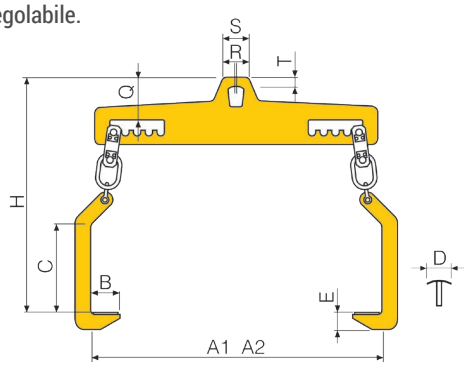


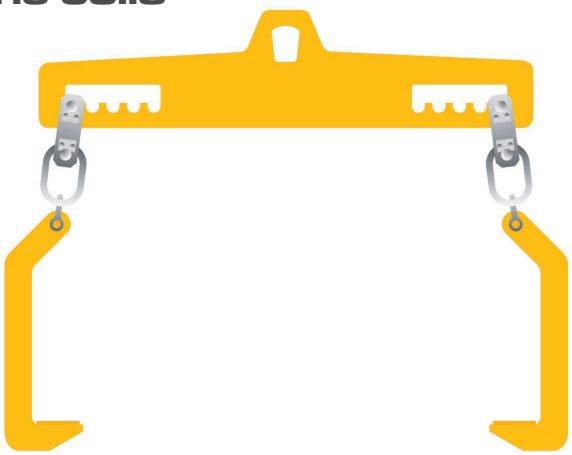
Articolo Article	Codice Code	Portata COPPIA Kg PAIR capacity Kg	Altezza (H)mm Height (H) mm	Prof. (C) mm Depth (C) mm	Passo (B) mm Step (B) mm	Peso coppia Kg* Weight pair Kg*	
SP 2	186360	2000	200	180	600	25,0	1 coppia
SP 3	186209	3000	300	180	1000	30,0	1 coppia
SP 5	186216	5000	400	180	1000	56,0	1 coppia
SP 5A	186230	5000	500	180	1250	59,0	1 coppia
SP 6	186124	6000	500	180	1000	63,0	1 coppia

* I dati relativi al peso indicati in tabella hanno carattere puramente indicativo. / *Mentioned weights are approximate.*

SC Staffe per movimentazione coils regolabili

Versione con interasse regolabile.
Adjustable opening.





Articolo Article	Codice Code	Portata Kg Capacity Kg	Apertura mm A1-A2	Dimensioni mm - *Dimensions mm* B	C	D	E	H	Q	R	S	T	Peso Kg* Weight Kg*	
SC 5	172523	5000	500 – 1000	150	500	60	80	1100	105	80	20	45	80,0	1
SC 8	172530	8000	500 – 1000	175	500	60	100	1100	135	100	30	50	105,0	1
SC 10	172547	10000	625 – 1250	180	550	70	110	1500	150	120	30	60	180,0	1
SC 12	172554	12000	625 – 1250	180	550	70	120	1500	170	130	30	70	215,0	1
SC 16	172561	16000	750 – 1500	200	600	70	120	1700	185	140	35	80	285,0	1
SC 20	172578	20000	750 – 1500	250	650	80	160	1800	205	160	45	80	350,0	1
SC 25	172585	25000	850 – 1750	250	800	80	180	2000	225	180	50	90	450,0	1

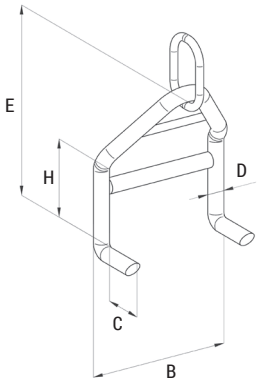
* I dati relativi al peso indicati in tabella hanno carattere puramente indicativo. / *Mentioned weights are approximate.*

SPT Staffe tubolari per pacchi di lamiere NEW

Per sollevamento e movimentazione orizzontale di pacchi di lamiere. **Leggere e maneggevoli.**
Da utilizzare in coppia.

For horizontal lifting and handling of packages of steel plates. ***Light and handy design.***
Always be used in pairs.





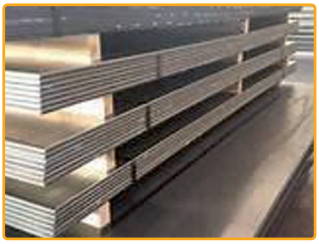


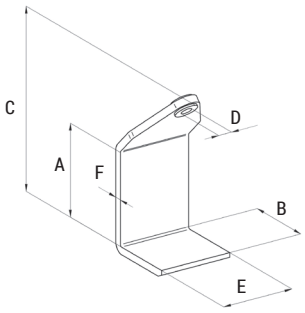
Articolo Article	Codice Code	Portata COPPIA Kg PAIRS Capacity Kg	Dimensioni mm - *Dimensions mm* B	D	E	C	H	Peso Kg Weight Kg	
SPT 0,5	224666	500	190	18	150	80	80	2,0	1
SPT 1	224130	1000	220	20	190	110	100	2,5	1
SPT 1,5	224673	1500	250	25	190	110	100	3,5	1
SPT 2	224680	2000	300	30	230	130	120	6,0	1

SPP Staffe piegate per pacchi di lamiere NEW

Per sollevamento e movimentazione orizzontale di pacchi di lamiere.
Leggere e compatte.
Da utilizzare in coppia.

For horizontal lifting and handling of packages of steel plates.
Light and compact design.
Always be used in pairs.



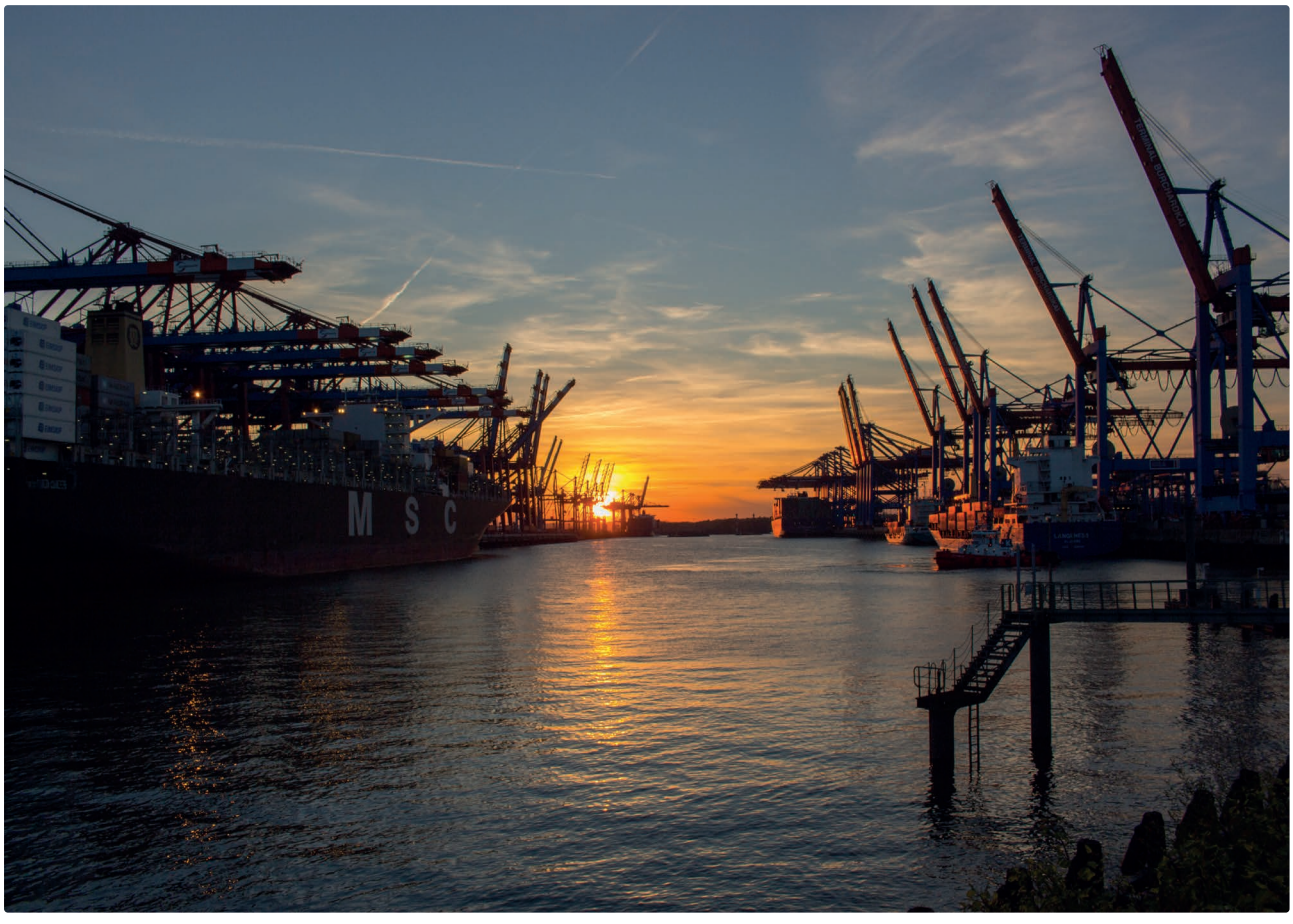




Articolo Article	Codice Code	Portata COPPIA Kg PAIRS Capacity Kg	Dimensioni mm - *Dimensions mm* E	D	C	B	F	A	Peso Kg Weight Kg	
SPP 0,5	224697	500	80	18	150	60	10	80	1,0	1
SPP 1	224123	1000	100	23	190	80	12	100	1,8	1
SPP 1,5	224703	1500	100	25	190	80	15	100	2,3	1
SPP 2	224710	2000	150	28	230	100	15	120	4,0	1
SPP 3	224727	3000	150	28	230	100	20	120	5,4	1
SPP 4	224734	4000	160	36	290	120	20	150	7,3	1

Utilizzare con tiranti a 3 bracci. Se viene utilizzato un tirante a 3 bracci, la portata è quella della corrispondente imbragatura a 2 bracci.
Si raccomanda l'utilizzo con angolo β 15-30°.


VENTURINI

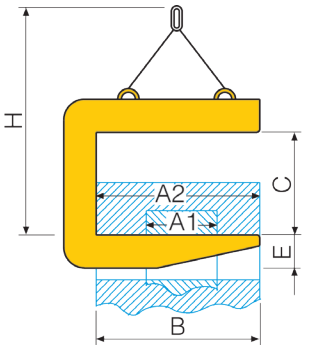

M S C

BC Gancio a "C" per movimentazione coils

Con doppio attacco superiore.
Versione con tirante a fune o catena.
Imbragatura non inclusa.

With double upper connection.
With upper slings chain or wire rope.
Slings not included.





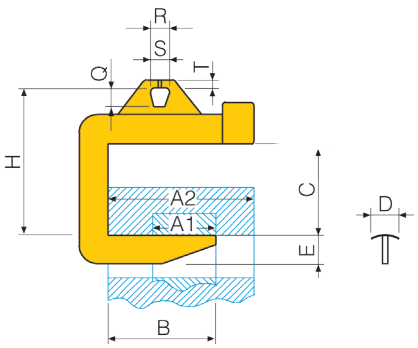


Articolo Article	Codice Code	Portata Kg Capacity Kg	Apertura mm A1-A2	Dimensioni mm - *Dimensions mm* B	C	D	E	H	Peso Kg* Weight Kg*	
BC 5	172608	**5000**	**500 – 1000**	1000	550	80	180	2000	200,0	1
BC 8	172615	**8000**	**500 – 1000**	1000	600	80	220	2150	280,0	1
BC 10	172622	**10000**	**625 – 1250**	1250	650	90	260	2500	470,0	1
BC 16	172639	**16000**	**750 – 1500**	1500	700	100	310	2900	860,0	1
BC 20	172646	**20000**	**750 – 1500**	1500	750	110	340	3050	1080,0	1
BC 25	172653	**25000**	**850 – 1750**	1750	800	120	370	3400	1350,0	1

* I dati relativi al peso indicati in tabella hanno carattere puramente indicativo. / *Mentioned weights are approximate.*

BCA Gancio a "C" per movimentazione coils

Versione con attacco centrale.
Central lifting connection.





Articolo Article	Codice Code	Portata Kg Capacity Kg	Apertura mm A1-A2	Dimensioni mm - *Dimensions mm* B	C	D	E	H	Peso Kg* Weight Kg*	
BCA 5	172660	**5000**	**500 – 1000**	750	550	80	180	910	215,0	1
BCA 8	172677	**8000**	**500 – 1000**	750	600	80	220	1040	300,0	1
BCA 10	172684	**10000**	**625 – 1250**	950	650	90	260	1170	650,0	1
BCA 16	172691	**16000**	**750 – 1500**	1150	700	100	310	1310	950,0	1
BCA 20	172707	**20000**	**750 – 1500**	1200	750	110	340	1440	1350,0	1
BCA 25	172714	**25000**	**850 – 1750**	1350	800	120	370	1570	1650,0	1

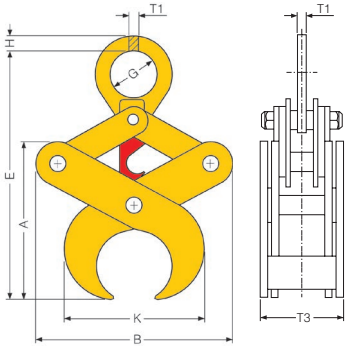
* I dati relativi al peso indicati in tabella hanno carattere puramente indicativo. / *Mentioned weights are approximate.*

RJ Per trasporto tondi

Per trasporto di tubi e tondi.
Sistema di chiusura a pantografo.
Per oggetti lunghi, si raccomanda l'utilizzo di due pinze accompagnate da bilancino.

For transport of pipes and round bars, are equipped with high leverage twin clamps. For transport of longer objects we recommend the use of two R-clamps suspended by a beam.



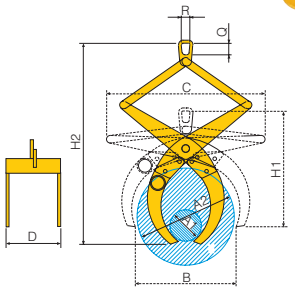


Articolo Article	Codice Code	Portata Kg Capacity Kg	Apertura mm A1-A2	Dimensioni mm - *Dimensions mm* A	B	E min	E max	G	H	K	T1	T3	Peso Kg Weight Kg	
RJ 0,5	209601	500	50 – 100	125	200	240	360	50	20	160	12	45	4,0	1
RJ 1	209618	1000	50 – 100	125	200	250	360	50	20	160	14	54	4,5	1
RJ 2	209632	2000	80 – 130	190	340	340	510	50	20	250	16	75	14,0	1
RJ 3	209649	3000	120 – 220	310	360	480	630	60	25	360	18	100	32,0	1

PTA Per trasporto tondi ampia apertura

Per trasporto di tubi e tondi.
Sistema di chiusura a pantografo.
Per oggetti lunghi, si raccomanda l'utilizzo di due pinze accompagnate da bilancino.

For transport of pipes and round bars, are equipped with high leverage twin clamps. For transport of longer objects we recommend the use of two R-clamps suspended by a beam.





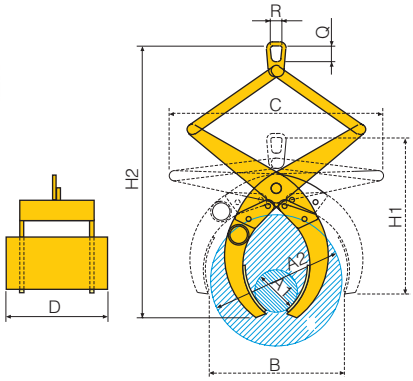
Articolo Article	Codice Code	Portata Kg Capacity Kg	Apertura mm Opening mm	Dimensioni mm - *Dimensions mm* B	C	D	H1	H2	Q	R	Peso Kg* Weight Kg*	
PTA 1	172721	125	100 – 300	340	520	160	385	640	38	28	15,0	1
PTA 2	170932	250	80 – 200	230	370	160	305	460	38	28	12,0	1
PTA 2A	171144	250	125 – 400	460	670	200	500	810	47	37	20,0	1
PTA 5	172745	500	80 – 200	265	370	160	315	460	38	28	15,0	1
PTA 5A	170918	500	100 – 300	340	520	157	415	640	38	28	20,0	1
PTA 5B	172752	500	160 – 500	560	845	250	630	1010	65	50	40,0	1
PTA 10	172769	1000	100 – 300	330	435	160	380	590	47	37	20,0	1
PTA 10A	172776	1000	125 – 400	460	670	200	500	810	47	37	25,0	1
PTA 10B	172783	1000	200 – 630	680	1030	250	730	1800	47	37	60,0	1
PTA 20	172790	2000	160 – 500	560	845	250	630	1010	65	50	80,0	1

* I dati relativi al peso indicati in tabella hanno carattere puramente indicativo. / *Mentioned weights are approximate.*

PTAP Con placche di protezione

With non-marking plates





Articolo Article	Codice Code	Portata Kg Capacity Kg	Apertura mm Opening mm	Dimensioni mm - *Dimensions mm*							Peso Kg Weight Kg	
				B	C	D	H1	H2	Q	R		
PTAP 1	170888	125	100 – 300	340	520	160	385	640	38	28	16,0	1
PTAP 2	172806	250	80 – 200	230	370	160	305	460	38	28	13,0	1
PTAP 2A	171113	250	125 – 400	460	670	200	500	810	47	37	22,0	1
PTAP 5	172820	500	80 – 200	230	370	160	305	460	38	28	16,0	1
PTAP 5A	169400	500	100 – 300	340	520	160	385	640	38	28	22,0	1
PTAP 5B	172837	500	160 – 500	560	845	250	630	1010	65	50	44,0	1
PTAP 10	172844	1000	100 – 300	330	435	160	380	590	47	37	22,0	1
PTAP 10A	172851	1000	125 – 400	460	670	200	500	810	47	37	28,0	1
PTAP 10B	172868	1000	200 – 630	680	1030	250	730	1800	47	37	66,0	1
PTAP 20	172875	2000	160 – 500	560	845	250	630	1010	65	50	88,0	1

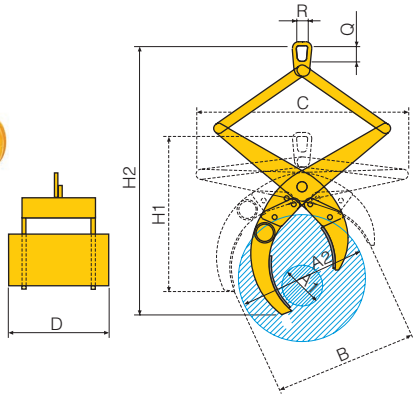
PTBO Per movimentazione bobine

Ideale per la presa delle bobine accatastate.

Ideal for handling stored coks.







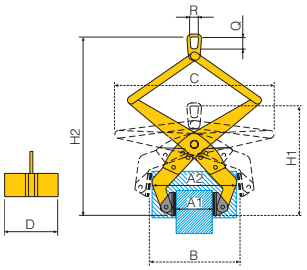
Articolo Article	Codice Code	Portata Kg Capacity Kg	Apertura mm Opening mm	Dimensioni mm - *Dimensions mm*							Peso Kg Weight Kg	
				B	C	D	H1	H2	Q	R		
PTBO 1	172882	125	250 – 300	340	520	180	600	700	38	28	14,0	1
PTBO 2	172899	250	170 – 200	230	370	180	415	505	47	37	11,0	1
PTBO 2A	172905	250	340 – 400	460	670	230	770	900	47	37	18,0	1
PTBO 5	172912	500	170 – 200	230	370	180	415	505	65	50	14,0	1
PTBO 5A	172929	500	250 – 300	340	520	180	600	700	38	28	18,0	1
PTBO 5B	172936	500	425 – 500	560	845	290	995	1150	65	50	38,0	1
PTBO 10	172943	1000	250 – 300	330	435	230	510	630	47	37	18,0	1
PTBO 10A	172950	1000	340 – 400	460	670	230	770	900	47	37	23,0	1
PTBO 10B	172967	1000	535 – 630	680	1030	290	1190	1380	47	37	50,0	1
PTBO 20	172974	2000	425 – 500	560	845	290	995	1150	65	50	70,0	1

* I dati relativi al peso indicati in tabella hanno carattere puramente indicativo. / *Mentioned weights are approximate.*

PB Per sollevamento parallelepipedi e blocchi

Ideale per sollevamento di blocchi, parallelepipedi e manufatti. Dotata di **placche di protezione.**

*For lifting of blocks, parallelepipeds and artifacts. Equipped with **non-marking pads.***



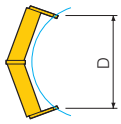


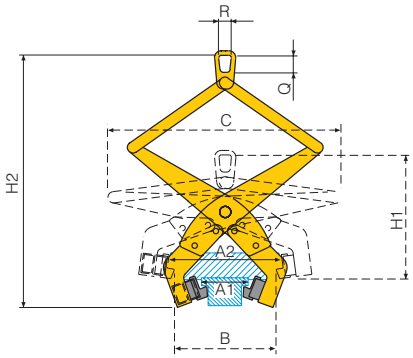
Articolo Article	Codice Code	Portata Kg Capacity Kg	Apertura mm Opening mm	Dimensioni mm - *Dimensions mm*							Peso Kg* Weight Kg*	
				B	C	D	H1	H2	Q	R		
PB 1	172981	125	210 – 300	350	520	150	320	430	38	28	10,0	1
PB 1A	172998	125	310 – 400	460	520	150	335	465	38	28	15,0	1
PB 2	173001	250	270 – 380	440	670	200	390	680	47	37	20,0	1
PB 2A	173018	250	380 – 500	580	670	200	410	720	47	37	18,0	1
PB 5	173025	500	210 – 300	350	520	185	335	430	38	28	15,0	1
PB 5A	173032	500	310 – 400	460	520	150	335	465	38	28	20,0	1
PB 5B	173049	500	390 – 500	600	840	250	505	885	65	50	25,0	1
PB 5C	173056	500	500 – 650	750	850	250	555	910	62	50	27,0	1
PB 10	173063	1000	270 – 380	440	670	200	390	680	47	37	25,0	1
PB 10A	173070	1000	380 – 500	580	670	200	410	720	47	37	30,0	1
PB 20	173087	2000	390 – 500	600	840	250	505	885	65	50	50,0	1
PB 20A	173094	2000	500 – 650	750	840	250	525	910	65	50	65,0	1

PBO Per sollevamento bordi

Ideale per aggraffare bordi e profili.

For crimping edges and profiles.





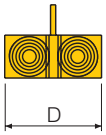
Articolo Article	Codice Code	Portata Kg Capacity Kg	Apertura mm Opening mm	Dimensioni mm - *Dimensions mm*							Peso Kg Weight Kg	
				B	C	D	H1	H2	Q	R		
PBO 1	173100	125	210 – 300	325	520	150	280	390	38	28	10,0	1
PBO 1A	173117	125	310 – 400	460	520	150	295	425	38	28	15,0	1
PBO 2	173124	250	270 – 380	440	670	220	350	640	47	37	20,0	1
PBO 2A	173131	250	380 – 500	580	670	280	375	675	47	37	25,0	1
PBO 5	173148	500	210 – 300	325	520	150	280	390	38	28	20,0	1
PBO 5A	173155	500	310 – 400	460	520	220	295	425	38	28	25,0	1
PBO 5B	173162	500	390 – 500	600	840	300	460	840	65	50	30,0	1
PBO 5C	173179	500	500 – 650	750	840	360	480	865	65	50	32,0	1
PBO 10	173186	1000	270 – 380	440	670	220	350	640	47	37	30,0	1
PBO 10A	173193	1000	380 – 500	580	670	280	375	675	47	37	35,0	1
PBO 20	173209	2000	390 – 500	600	840	300	460	840	65	50	45,0	1
PBO 20A	173216	2000	500 – 650	750	840	365	480	865	65	50	60,0	1

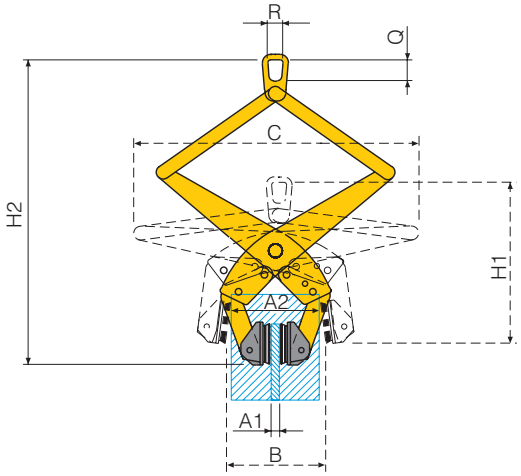
* I dati relativi al peso indicati in tabella hanno carattere puramente indicativo. / *Mentioned weights are approximate.*

PMA Per sollevamento marmo

Con ganasce realizzate appositamente per sollevare lastre di marmo.

With specially madejaws for lifting marble slabs.





Articolo Article	Codice Code	Portata Kg Capacity Kg	Apertura mm Opening mm	Dimensioni mm - *Dimensions mm* B	C	D	H1	H2	Q	R	Peso Kg Weight Kg	
PMA 2	173254	250	0 – 40	70	350	300	250	360	38	28	22,0	1
PMA 5	173261	500	10 – 50	90	350	300	250	360	38	28	30,0	1
PMA 10	173278	1000	20 – 80	110	520	300	410	590	47	37	40,0	1

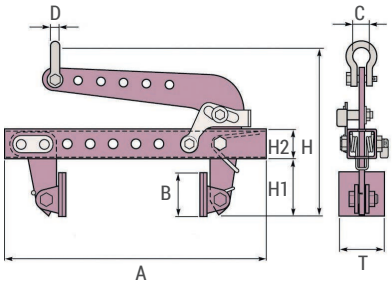
AMCN Per sollevamento e movimentazione blocchi e manufatti NEW

Per sollevamento e movimentazione di manufatti in cemento e strutture.
Ganasce con protezione antigraffio.

For lifting and handling of various concrete structure.
Non-marking pads.





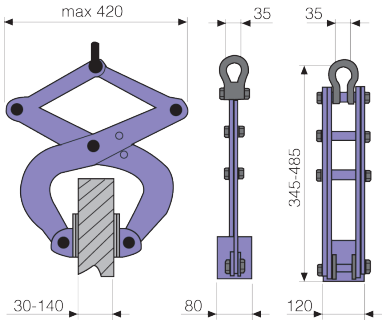


Articolo Article	Codice Code	Portata singola Kg Single capacity Kg	Apertura mm Opening mm	Dimensioni mm - *Dimensions mm* A	H	H1	H2	B	C	D	T	Peso Kg Weight Kg	
AMC 250N	190329	250	10 - 240	460	270-420	100	50	75	30	12	80	5,5	1
AMC 550N	190336	500	10 - 240	472	270-240	100	50	75	35	14	80	7,5	1

CGC-N Per sollevamento manufatti/blocchi

Superfici di presa protette

No damaging the surface of concrete drain.

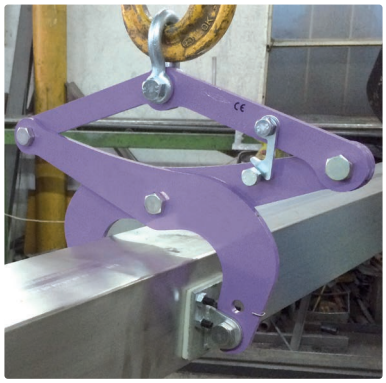




Articolo Article	Codice Code	Portata Kg Capacity Kg	Apertura mm Opening mm	Peso Kg* Weight Kg*	
CGC-250N	212564	250	30 – 140	7,0	1
CGC-500N	214988	500	30 – 140	13,0	1



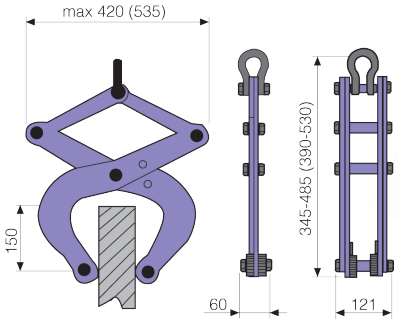




CGC Per sollevamento manufatti/blocchi

Facile da usare, possibile usarla
in presenza di pezzi sporchi o bagnati.

Easy to clamp as there is no lever or similar, possible to lift in spite of dirty or wet pieces.





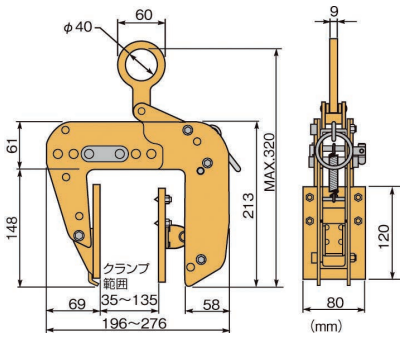
Durezza superficie lamiera **max. HRC35** / *Plate surface hardness **max. HRC35***

Articolo Article	Codice Code	Portata Kg Capacity Kg	Apertura mm Opening mm	Peso Kg* Weight Kg*	
CGC-250	211437	250	30 – 160	7,0	1
CGC-500	209298	500	30 – 160	12,0	1
CGC-1000	159357	1000	60 – 180	19,0	1

PTC 200 Per sollevamento pannelli NEW

Studiata per il sollevamento e l'installazione di pannelli in legno e per l'edilizia. Dotata di ganasce con rivestimento antiscivolo e sistema di apertura/sgancio da remoto.

Optimal for lifting and installation of wooden and building panels. Equipped with special grip pads and remote control.







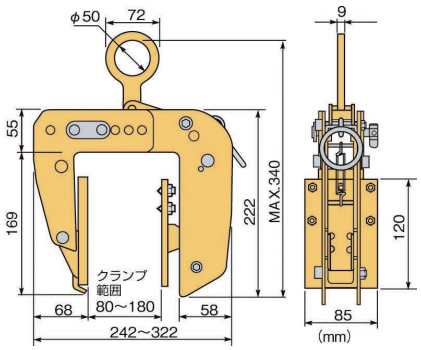
Articolo Article	Codice Code	Portata singola Kg Single capacity Kg	Apertura mm Opening mm	Peso Kg Weight Kg	
PTC200	222259	200	35 - 135	4,0	1

* in caso di utilizzo in coppia, usare sempre le pinze equipaggiate con un bilancino

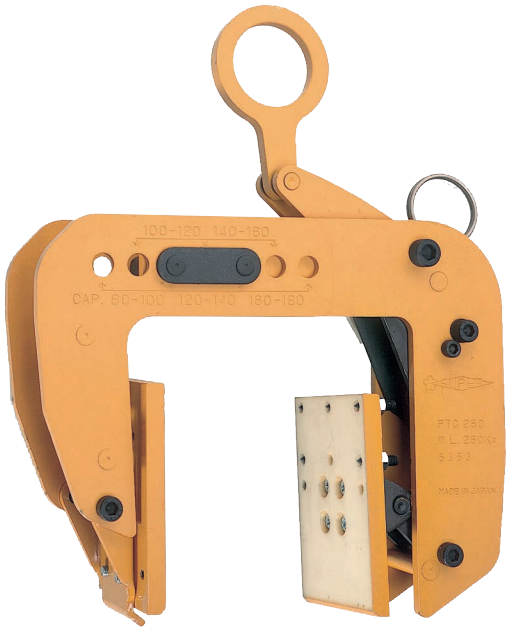
PTC 250 Per sollevamento pannelli NEW

Studiata per il sollevamento e l'installazione di pannelli in legno e per l'edilizia. Dotata di ganasce con rivestimento antiscivolo e sistema di apertura/sgancio da remoto.

Optimal for lifting and installation of wooden and building panels. Equipped with special grip pads and remote control.







Articolo Article	Codice Code	Portata singola Kg Single capacity Kg	Apertura mm Opening mm	Peso Kg Weight Kg	
PTC250	222266	250	80 - 180	5,8	1

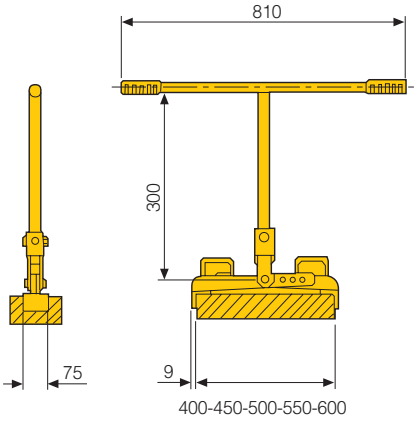
* in caso di utilizzo in coppia, usare sempre le pinze equipaggiate con un bilancino

UGC Per movimentazione blocchi in calcestruzzo apertura regolabile

Sollevamento manuale per blocchi di calcestruzzo di dimensioni ridotte.
Impugnatura in gomma. È possibile ruotare di 90° l'asse dell'impugnatura.
5 punti di regolazione.

Hand-lifting for small and light concrete blocks.
Rubber-grip handle.
Possible to change the handle direction 90°.
5 steps adjustable range.



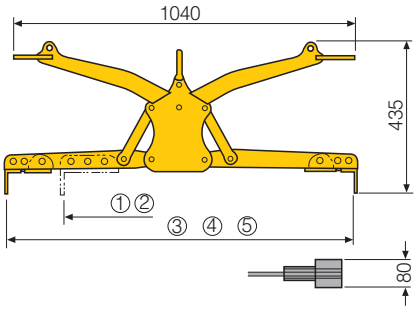




Articolo Article	Codice Code	Portata Kg Capacity Kg	Apertura mm Opening mm	Peso Kg Weight Kg	
UGC-150	166270	150	400 – 450 – 500 – 550 – 600	8,0	1

UGC-M Per movimentazione blocchi in calcestruzzo

Apertura regolabile. Uso con paranco.
Installing clamps, adjustable opening, machine type





Articolo Article	Codice Code	Portata Kg Capacity Kg	Apertura mm Opening mm	Peso Kg Weight Kg	
UGC-250M	166287	250	580 – 1050	16,0	1

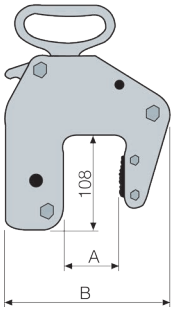
SKC Per movimentazione manufatti in calcestruzzo

Per manufatti in calcestruzzo
Meccanismo aggancio/sgancio automatico.
Piccole e leggere

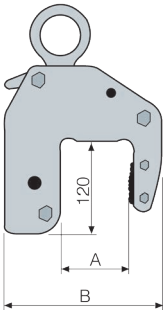
U-Channel lifting clamps
One-touching open/close mechanism.
Small and light body



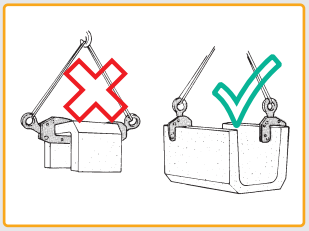
Manuale
Hand lifting



Con paranco
Crane lifting



Articolo Article	Codice Code	Portata Kg Capacity Kg	Apertura mm Opening mm	Dimensioni mm - *Dimensions mm* A	 B	Spess. pinza Clamp thickn.	Peso Kg Weight Kg	
SKC - 150 manuale	166195	**150**	**30 – 60**	65	185	31	3,0	1
SKC - 150M per paranco	164887	**150**	**30 – 60**	65	185	31	3,0	1
SKC - 250 per paranco	166201	**250**	**50 – 80**	85	190	32	3,0	1
SKC - 250W per paranco	163279	**250**	**70 – 100**	105	210	32	3,5	1

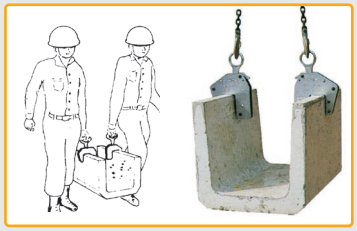


✖ ERRATO...PERICOLOSO

Non sollevare mai di fianco come illustrato nel disegno.
La pinza può scivolare durante le operazioni.

✖ WRONG...DANGEROUS

Never lift or pull sideways as shown left.
The clamp may slip out while lifting or carrying.



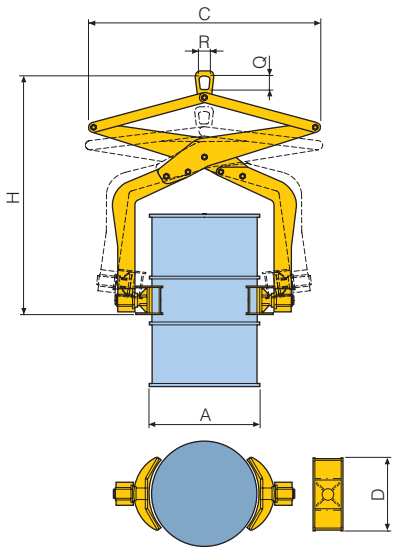


PFUR Ribalta fusti

Per ribalta del fusto.
Rotazione 360°.

For turning over drums.
360 degrees rotation.





Articolo Article	Codice Code	Portata Kg Capacity Kg	Dimensioni mm - *Dimensions mm* A	C	D	H	Q	R	Peso Kg* Weight Kg*	
PFUR 1	179171	**125**	480	1100	340	1100	38	28	20,0	1
PFUR 2,5	179188	**250**	600	1370	420	1370	100	76	30,0	1
PFUR 5	179195	**500**	600	1370	420	1370	100	76	40,0	1

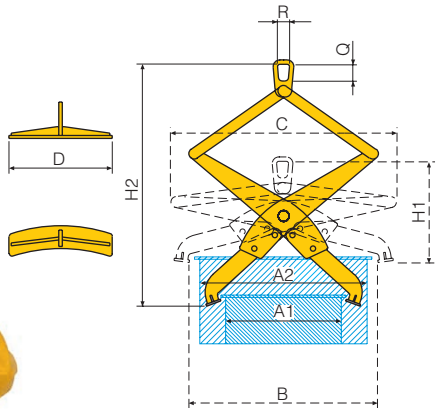
* I dati relativi al peso indicati in tabella hanno carattere puramente indicativo. / *Mentioned weights are approximate.*

PFU Per sollevamento fusti

Per sollevamento fusto da circonferenza superiore.

For drum lifting from the top.



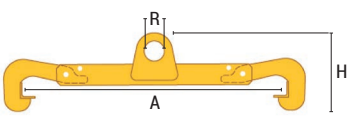


Articolo Article	Codice Code	Portata Kg Capacity Kg	Apertura mm Opening mm	Dimensioni mm - *Dimensions mm* B	C	D	H1	H2	Q	R	Peso Kg Weight Kg	
PFU 1	173223	**125**	**350 – 480**	510	520	200	265	355	38	28	10,0	1
PFU 2,5	173230	**250**	**600 – 600**	640	520	260	285	385	38	28	12,0	1
PFU 5	173247	**500**	**600 – 600**	640	520	260	285	385	38	28	18,0	1

PFUJ Per sollevamento fusti NEW

Per sollevamento fusto da circonferenza superiore.

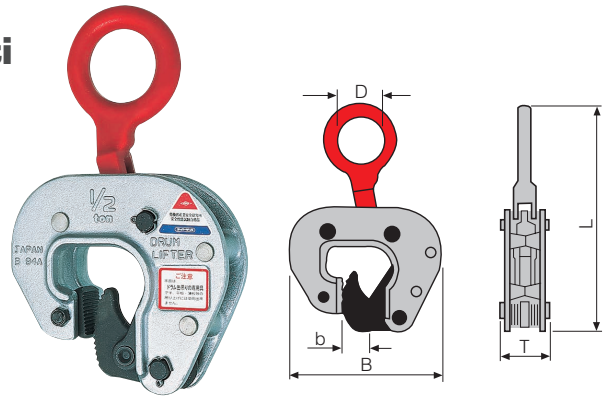
For drum lifting from the top.





Articolo Article	Codice Code	Portata Kg Capacity Kg	Dimensioni mm - *Dimensions mm* A	H	R	Peso Kg Weight Kg	
PFUJ 500	220248	**500**	600	210	50	5,0	1

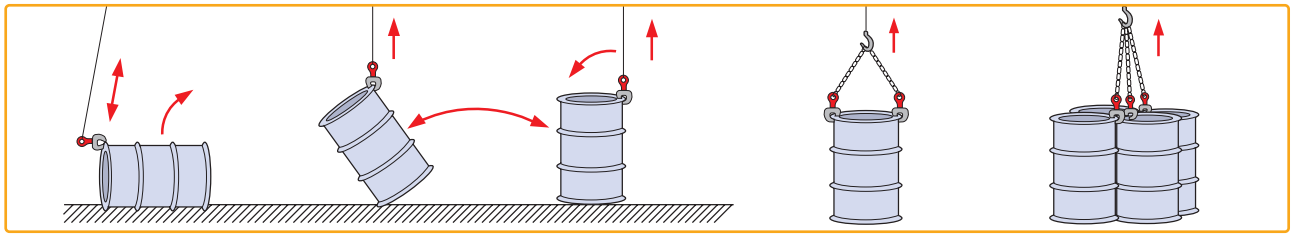
DLC Per sollevamento fusti



Per sollevamento fusto dal bordo
Non sovraccaricare mai la pinza! Un fusto pieno di scarti metallici pesa circa 1 ton. Non sollevare mai un fusto pieno con una sola pinza, utilizzare 2 pinze o ridurre il contenuto del fusto.

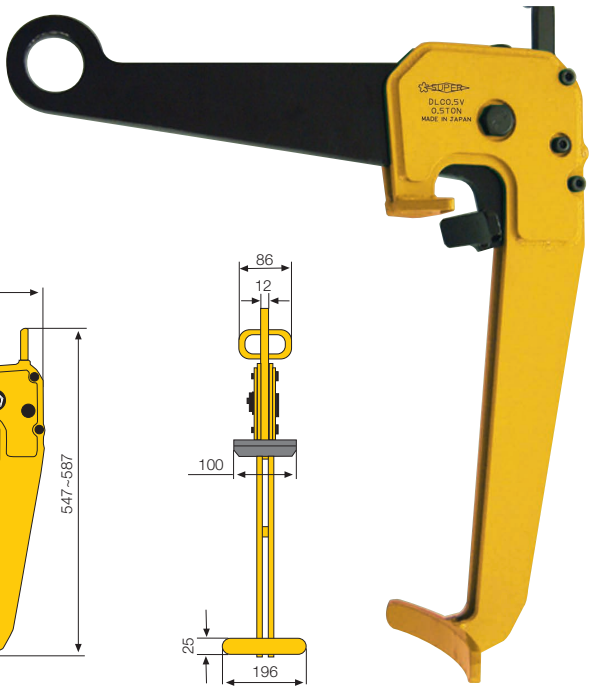
For drum lifting by clamping the rim
Never exceed the rated capacity! A full drum can of steel cutting scraps weight about 1 ton. Never lift a full drum can with one clamp, use two clamps, or reduce the content of the drum can.

Articolo Article	Codice Code	Portata Kg Capacity Kg	Apertura mm Opening mm	Dimensioni mm - *Dimensions mm* b	B	D	L	T	Peso Kg Weight Kg	
DLC - 0,5	156592	500	0 - 18	18	130	41	218	46	2,0	1

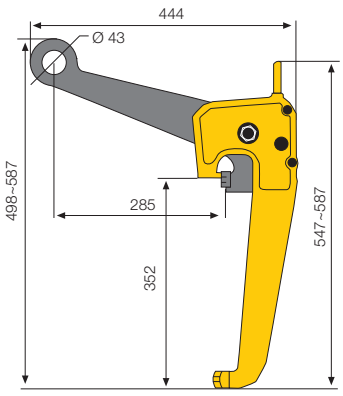


DLC 0,5V Per sollevamento fusti in posizione verticale

Per il sollevamento in sicurezza del fusto in posizione verticale.
For safe vertical lifting of the drum.







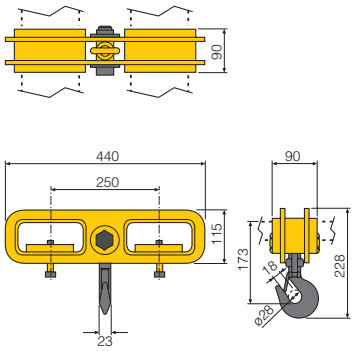
Articolo Article	Codice Code	Portata Kg Capacity Kg	Profilo mm Clamping range mm	Peso Kg Weight Kg	
DLC - 0,5V	196604	500	2 - 3,5	9,0	1

FLH-1 Bilancino con gancio girevole per carrelli elevatori



Il bilancino trasforma un carrello elevatore in una gru mobile. È sufficiente serrare i bulloni di sicurezza per fissare il bilancino.
Il gancio orientabile provvisto di chiusura di sicurezza garantisce la massima tenuta anche in presenza di vibrazioni.

Attaching of the balance will change a fork lift to a mobile crane.
Only tighten the securing bolts to fix the balance.
The latch is attached to the swivel hook for omnidirectional-operation and is vibration proof.





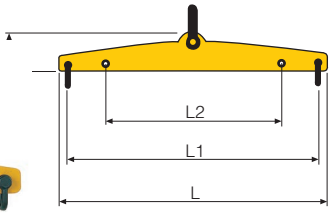
Articolo Article	Codice Code	Portata Kg Capacity Kg	Dimensioni mm - *Dimensions mm* Larghezza - *Width*	Spessore - *Thickness*	Peso Kg Weight Kg	
FLH-1	179881	1000	70 – 120	15 – 40	12,0	1
FLH-2	222112	2000	120 – 150	38 – 65	24,0	1

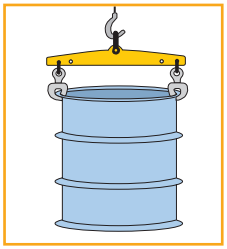
* Portate differenti disponibili a richiesta

DSB-1S Bilancino

Bilancino con doppio interasse regolabile.
Double adjustable step balance.







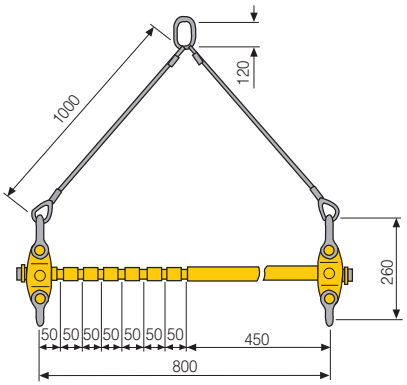
Articolo Article	Codice Code	Portata Kg Capacity Kg	Dimensioni mm - *Dimensions mm* L	L1	L2	T	Peso Kg Weight Kg	
DSB-1S	165471	1000	675	615	445	100	6,0	1

LSB Bilancino interassi regolabili

Bilancino a 8 interassi regolabili.
8 steps adjustable balance.





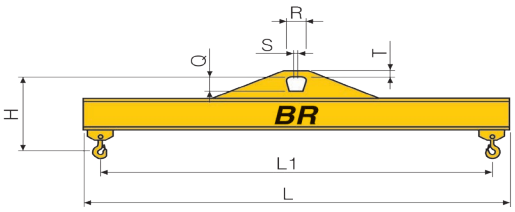


Articolo Article	Codice Code	Portata Kg Capacity Kg	Apertura mm Opening mm	Peso Kg Weight Kg	
LSB-2H	166256	2000	450 – 500 – 550 – 600 – 650 – 700 – 750 – 800	20,0	1




Port of Baltimore, USA
Port of Baltimore, USA
EVERGREEN
EVERGREEN
COSCO

BR Bilancino fisso ganci inferiori



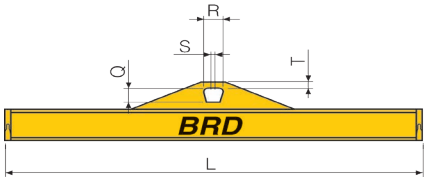


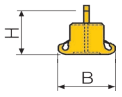
Fixed balance

* realizzabili su misura / *can be made to measure*

Articolo Article	Codice Code	Portata Kg Capacity Kg	Dimensioni mm - *Dimensions mm* L	L1	H	Q	R	S	T	Peso Kg Weight Kg	
BR 202	171755	2000	2000	1800	370	75	50	15	25	50	1
BR 203	171762	2000	3000	2800	390	75	50	15	25	86	1
BR 204	171779	2000	4000	3800	410	75	50	15	25	138	1
BR 205	171786	2000	5000	4800	430	75	50	15	25	194	1
BR 302	171793	3000	2000	1800	430	90	60	20	30	65	1
BR 303	171267	3000	3000	2800	470	90	60	20	30	125	1
BR 304	171816	3000	4000	3800	490	90	60	20	30	190	1
BR 305	171823	3000	5000	4800	490	90	60	20	30	235	1
BR 403	171830	4000	3000	2700	540	110	70	20	35	155	1
BR 404	171847	4000	4000	3700	560	110	70	20	35	235	1
BR 405	171854	4000	5000	4700	560	110	70	20	35	285	1
BR 406	171861	4000	6000	5700	580	110	70	20	35	400	1
BR 603	171878	6000	3000	2700	645	140	100	25	45	195	1
BR 604	171885	6000	4000	3700	665	140	100	25	45	290	1
BR 605	171892	6000	5000	4700	685	140	100	25	45	395	1
BR 606	171908	6000	6000	5700	705	140	100	25	45	515	1
BR 1004	171915	10000	4000	3700	825	175	120	35	55	425	1
BR 1005	171922	10000	5000	4700	845	175	120	35	55	565	1
BR 1006	171939	10000	6000	5700	865	175	120	35	55	715	1
BR 1008	171946	10000	8000	7700	925	175	120	35	55	1100	1

BRD Bilancino fisso ganci laterali



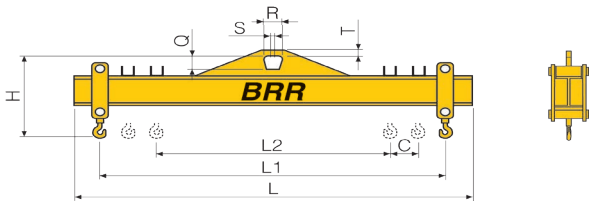


Fixed balance

* realizzabili su misura / *can be made to measure*

Articolo Article	Codice Code	Portata Kg Capacity Kg	Dimensioni mm - *Dimensions mm* L	B	H	Q	R	S	T	Peso Kg Weight Kg	
BRD 202	171953	2000	2000	240	190	75	50	15	25	50	1
BRD 203	171960	2000	3000	240	210	75	50	15	25	86	1
BRD 204	171977	2000	4000	280	230	75	50	15	25	138	1
BRD 205	171984	2000	5000	280	250	75	50	15	25	194	1
BRD 302	171991	3000	2000	280	215	90	60	20	30	65	1
BRD 303	172004	3000	3000	280	255	90	60	20	30	125	1
BRD 304	172011	3000	4000	300	275	90	60	20	30	190	1
BRD 305	172028	3000	5000	300	275	90	60	20	30	235	1
BRD 403	172035	4000	3000	340	290	110	70	20	35	155	1
BRD 404	172042	4000	4000	340	310	110	70	20	35	235	1
BRD 405	172059	4000	5000	360	310	110	70	20	35	285	1
BRD 406	172066	4000	6000	360	330	110	70	20	35	400	1
BRD 603	171649	6000	3000	350	335	140	100	25	45	195	1
BRD 604	172080	6000	4000	350	355	140	100	25	45	290	1
BRD 605	172097	6000	5000	390	375	140	100	25	45	395	1
BRD 606	172103	6000	6000	390	395	140	100	25	45	515	1
BRD 1004	171571	10000	4000	480	445	175	120	35	55	425	1
BRD 1005	172127	10000	5000	480	465	175	120	35	55	565	1
BRD 1006	172134	10000	6000	520	485	175	120	35	55	715	1
BRD 1008	172141	10000	8000	520	545	175	120	35	55	1100	1

BRR Bilancino regolabile ganci inferiori

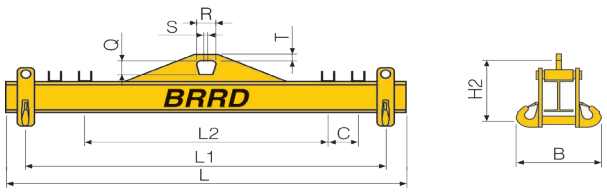


Adjustable balance

* realizzabili su misura / *can be made to measure*

Articolo Article	Codice Code	Portata Kg Capacity Kg	Dimensioni mm - *Dimensions mm*								Peso Kg Weight Kg	
			L	C	H	L1-L2	Q	R	S	T		
BRR 202	172158	2000	2000	150	470	1900–1000	75	50	15	25	80	1
BRR 203	172165	2000	3000	200	490	2900–1700	75	50	15	25	115	1
BRR 204	172172	2000	4000	250	510	3900–1900	75	50	15	25	170	1
BRR 205	172189	2000	5000	300	530	4900–2500	75	50	15	25	225	1
BRR 302	172196	3000	2000	150	540	1900–1000	90	60	20	30	120	1
BRR 303	172202	3000	3000	200	580	2900–1700	90	60	20	30	180	1
BRR 304	172219	3000	4000	250	600	3900–1900	90	60	20	30	250	1
BRR 305	172226	3000	5000	300	600	4900–2500	90	60	20	30	290	1
BRR 403	167666	4000	3000	200	635	2900–1700	110	70	20	35	230	1
BRR 404	172233	4000	4000	250	655	3900–1900	110	70	20	35	310	1
BRR 405	172240	4000	5000	300	655	4900–2500	110	70	20	35	360	1
BRR 406	17225a4	6000	3000	200	755	2850–1650	140	100	25	45	165	1
BRR 604	168977	6000	4000	250	775	3850–1850	140	100	25	45	425	1
BRR 605	172271	6000	5000	300	795	4850–2450	140	100	25	45	530	1
BRR 606	172288	6000	6000	400	815	5850–2650	140	100	25	45	650	1
BRR 1004	172295	10000	4000	250	950	3850–1850	175	120	35	55	660	1
BRR 1005	172301	10000	5000	300	970	4850–2450	175	120	35	55	801	1
BRR 1006	172318	10000	6000	400	990	5850–2650	175	120	35	55	950	1
BRR 1008	172325	10000	8000	500	1050	7850–3850	175	120	35	55	1340	1

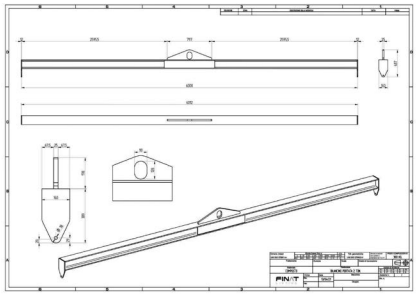
BRRD Bilancino regolabile ganci laterali

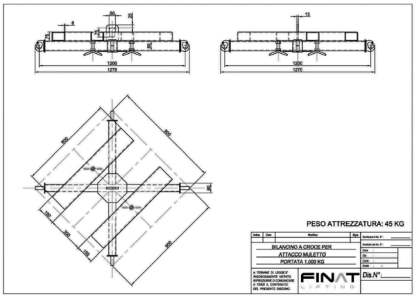


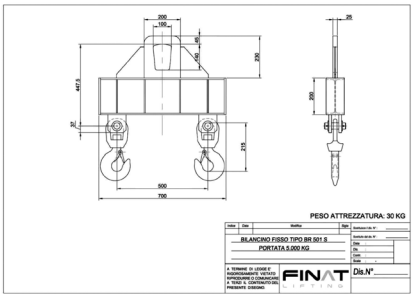
Adjustable balance

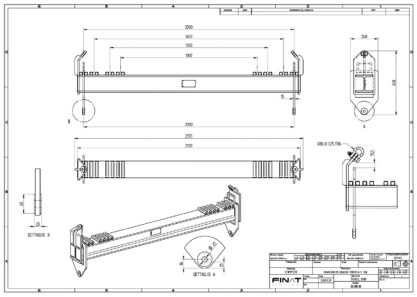
* realizzabili su misura / *can be made to measure*

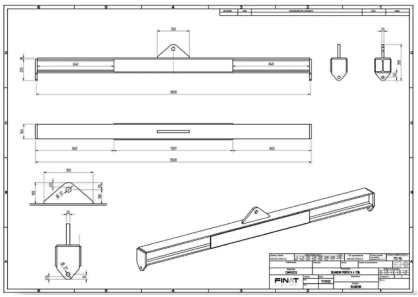
Articolo Article	Codice Code	Portata Kg Capacity Kg	Dimensioni mm - *Dimensions mm*									Peso Kg Weight Kg	
			L	B	C	L1-L2	H	Q	R	S	T		
BRRD 202	172332	2000	2000	270	150	1900–1000	250	75	50	15	25	80	1
BRRD 203	172349	2000	3000	270	200	2900–1700	270	75	50	15	25	115	1
BRRD 204	172356	2000	4000	310	250	3900–1900	290	75	50	15	25	170	1
BRRD 205	172363	2000	5000	310	300	4900–2500	310	75	50	15	25	225	1
BRRD 302	172370	3000	2000	310	150	1900–1000	285	90	60	20	30	120	1
BRRD 303	170956	3000	3000	310	200	2900–1700	325	90	60	20	30	180	1
BRRD 304	172387	3000	4000	330	250	3900–1900	345	90	60	20	30	250	1
BRRD 305	172394	3000	5000	330	300	4900–2500	345	90	60	20	30	290	1
BRRD 403	172400	4000	3000	380	200	2900–1700	360	110	70	20	35	230	1
BRRD 404	172417	4000	4000	380	250	3900–1900	380	110	70	20	35	310	1
BRRD 405	172424	4000	5000	400	300	4900–2500	380	110	70	20	35	360	1
BRRD 406	172431	4000	6000	400	400	5900–2700	400	110	70	20	35	475	1
BRRD 603	172448	6000	3000	400	200	2850–1650	415	140	100	25	45	165	1
BRRD 604	172455	6000	4000	400	250	3850–1850	435	140	100	25	45	425	1
BRRD 605	172462	6000	5000	440	300	4850–2450	455	140	100	25	45	530	1
BRRD 606	172479	6000	6000	440	400	5850–2650	475	140	100	25	45	650	1
BRRD 1004	172486	10000	4000	550	250	3850–1850	530	175	120	35	55	660	1
BRRD 1005	172493	10000	5000	550	300	4850–2450	550	175	120	35	55	801	1
BRRD 1006	172509	10000	6000	600	400	5850–2650	570	175	120	35	55	950	1
BRRD 1008	172516	10000	8000	600	500	7850–3850	630	175	120	35	55	1340	1

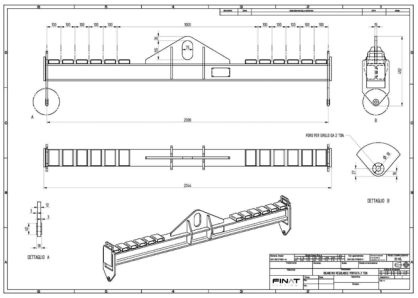


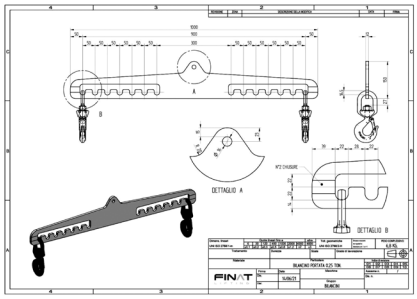

PESO ATTREZZATURA: 45 KG

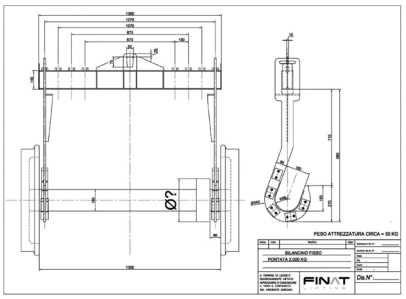

PESO ATTREZZATURA: 30 KG

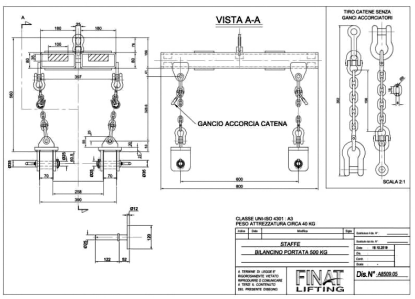


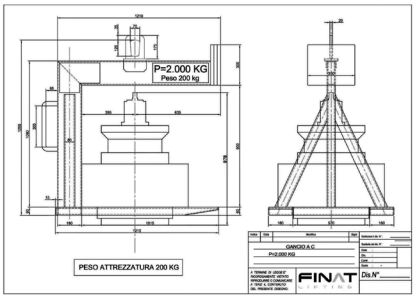


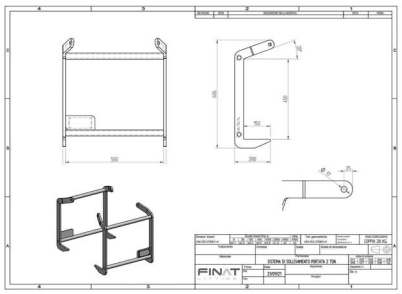


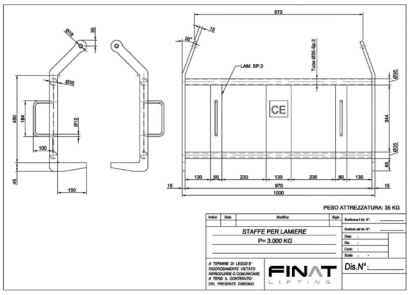


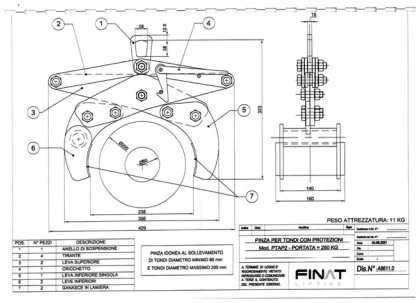

PESO ATTREZZATURA CIRCA = 50 KG

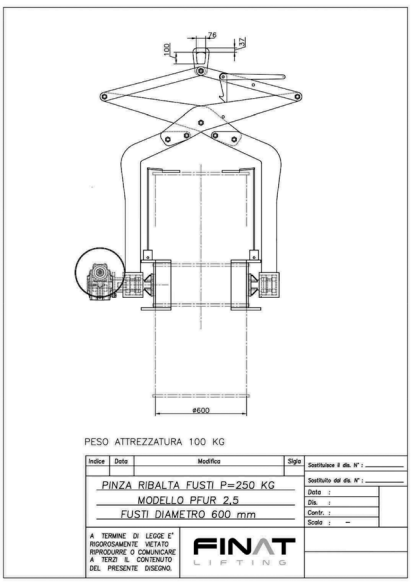

VISTA A-A
GANCIO ACCORCIA CATENA

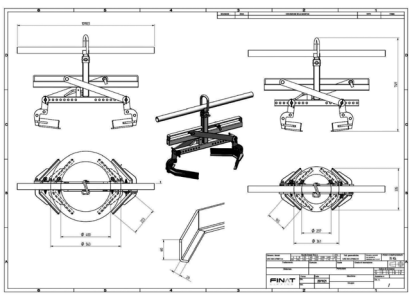

P=2.000 KG
Peso 200 kg
PESO ATTREZZATURA 200 KG




PESO ATTREZZATURA: 35 KG
STAFFE PER LAMIERE
P= 3.000 KG


PESO ATTREZZATURA: 11 KG

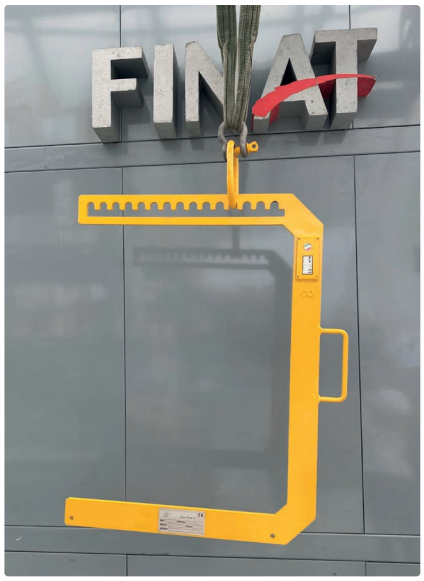

PESO ATTREZZATURA 100 KG
PINZA RIBALTA FUSTI P=250 KG
MODELLO PFUR 2,5
FUSTI DIAMETRO 600 mm
A TERMINE DI LEGGE E' RIGOROSAMENTE VIETATO RIPRODURRE O COMUNICARE A TERZI IL CONTENUTO DEL PRESENTE DISEGNO.








PORTATA
1 TON
PESO
20 KG
PORTATA
1 TON
PESO
20 KG


FINAT


FINAT


PORTATA 2000 KG




PORTATA 250 KG
PESO 100 KG











PET Paranco elettrico Trifase NEW

- Corpo in alluminio alta resistenza
- Catena giapponese FEC G80 con trattamento ultra termico
- Velocità singola
- Freno di sicurezza in caso di blackout elettrico
- Sacco raccogli catena
- Sensore di sovraccarico
- Gancio girevole con sicura

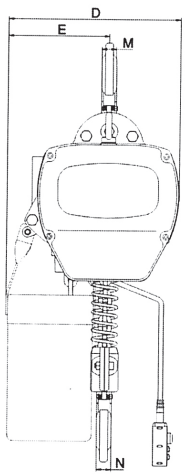
- *Light aluminum alloy shell*
- *Japanese chain ultra treatable FEC G80*
- *Single speed*
- *Instant brake in case of the power dump*
- *Chain bag*
- *Limit switch device*
- *360° degrees forging hook with safety tongue piece*

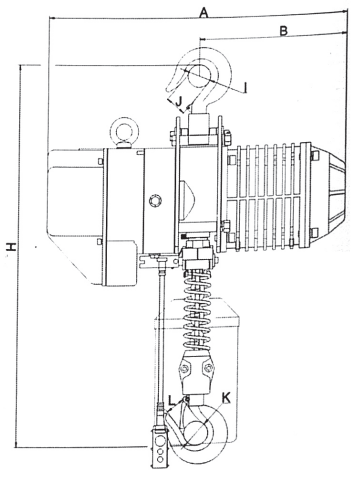
ALLUNGAMENTI DISPONIBILI A RICHIESTA



Articolo Article	Codice Code	Portata Kg Rated load Kg	L. catena mt Chains lenght mt	Vel. sollev. m/min Lifting speed m/min	Potenza Kw Power Kw	Tiri catena Chain Falls	Ø Catene sollev. mm Ø Chain Specif. mm	Peso Kg Weight Kg	
PET 0,5	224741	**500**	**3**	**6,8**	0,75	1	6,3	47,0	1
PET 1	224758	**1000**	**3**	**6,6**	1,5	1	7,1	61,0	1
PET 2	224765	**2000**	**3**	**6,6**	3,0	1	10,0	115,0	1
PET 3	224772	**3000**	**3**	**5,4**	3,0	1	11,2	122,0	1
PET 5	224789	**5000**	**3**	**2,7**	3,0	2	11,2	151,0	1

Articolo Article	H	A	B	D	E	I	J	K	L	M	N
PET 0,5	550	460	230	280	160	35	25	35	25	17	17
PET 1	650	520	260	300	176	40	31	40	31	22	22
PET 2	800	615	295	430	265	47	40	47	38	30	30
PET 3	845	615	295	430	265	58	47	58	47	36	36
PET 5	1030	615	295	430	325	60	48	60	48	43	43





PET-C Paranco elettrico trifase con carrello NEW



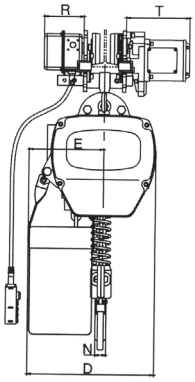
- **Con carrello elettrico per traslazione**
- Corpo in alluminio alta resistenza
- Catena giapponese FEC G80 con trattamento ultra termico
- Velocità singola
- Freno di sicurezza in caso di blackout elettrico
- Sacco raccogli catena
- Sensore di sovraccarico
- Gancio girevole con sicura

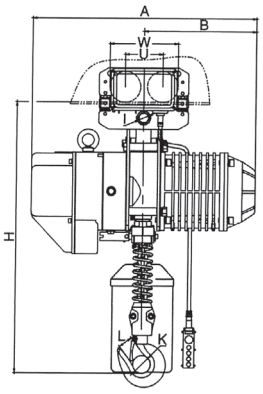
- ***With electric trolley for translation***
- *Light aluminum alloy shell*
- *Japanese chain ultra treatable FEC G80*
- *Single speed*
- *Instant brake in case of the power dump*
- *Chain bag*
- *Limit switch device*
- *360° degrees forging hook with safety tongue piece*

IP55

IP65

ALLUNGAMENTI DISPONIBILI A RICHIESTA





Articolo Article	Codice Code	Portata Kg Capacity Kg	Vel. sollev. m/min Lifting speed m/min	Tiri catena Chain Falls	Ø Catene sollev. mm Ø Chain Specif. mm	Largh. trave mm I-Beam mm	Peso Kg Weight Kg	
PET 0,5 C	224796	**500**	**6,8**	1	Ø 6,3	58-153	89,0	1
PET 1 C	224802	**1000**	**6,6**	1	Ø 7,1	58,153	103,0	1
PET 2 C	224819	**2000**	**6,6**	1	Ø 10,0	82-175	164,0	1
PET 3 C	224826	**3000**	**5,4**	1	Ø 11,2	100-178	183,0	1
PET 5 C	224833	**5000**	**2,7**	2	Ø 11,2	100-178	234,0	1

	MOTORE PARANCO Lifting motor	MOTORE CARRELLO Trolley motor	
Articolo Article	**Potenza Kw** Power Kw	**Potenza Kw** Power Kw	**Velocità scorrimento m/min** Trolley speed m/min
PET 0,5 C	0,75	0,4	21
PET 1 C	1,5	0,4	21
PET 2 C	3,0	0,4	21
PET 3 C	3,0	0,75	11
PET 5 C	3,0	0,75	11

Articolo Article	H	A	B	D	E	I	K	L	N	W	U	R	T
PET 0,5 C	630	460	230	260	160	Ø 35	Ø 35	25	17	206	111	142	231
PET 1 C	650	520	260	300	176	Ø 40	Ø 40	32	24	206	111	142	231
PET 2 C	770	615	295	430	265	Ø 47	Ø 47	40	30	237	127	142	231
PET 3 C	830	615	295	430	265	Ø 58	Ø 58	48	35	265	140	142	231
PET 5 C	1015	615	295	430	325	54	Ø 60	Ø 48	43	296	156	142	231

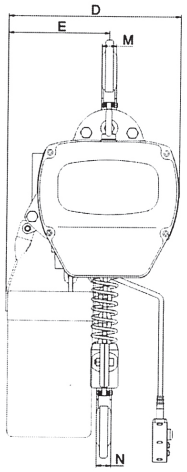
PETD Paranco elettrico trifase Doppia velocità NEW

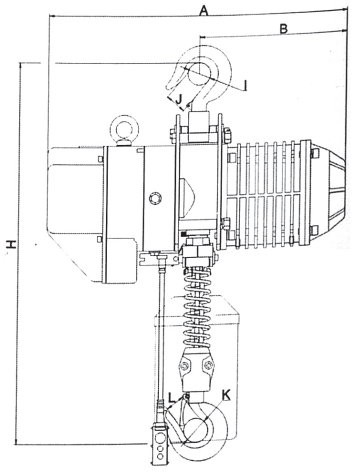


- **Doppia velocità**
- Corpo in alluminio alta resistenza
- Catena giapponese FEC G80 con trattamento ultra termico
- Freno di sicurezza in caso di blackout elettrico
- Sacco raccogli catena
- Sensore di sovraccarico
- Gancio girevole con sicura

- ***Dual/variable speed***
- *Light aluminum alloy shell*
- *Japanese chain ultra treatable FEC G80*
- *Single speed*
- *Instant brake in case of the power dump*
- *Chain bag*
- *Limit switch device*
- *360° degrees forging hook with safety tongue piece*

ALLUNGAMENTI DISPONIBILI A RICHIESTA





Articolo Article	Codice Code	Portata Kg Capacity Kg	Lungh. catena mt Chain lenght mt	Velocità sollevam. m/min Lifting speed m/min 50Hz	Potenza Kw Power Kw	Ø Catena sollev. mm Ø Chain Specif. mm	Peso Kg Weight Kg	
PETD 0,5	224840	**500**	**3**	**6,8 & 1,7**	0,75	6,3°	47,0	1
PETD 1	224857	**1000**	**3**	**6,6 & 1,65**	1,5	7,1°	64,0	1
PETD 2	224864	**2000**	**3**	**6,6 & 1,65**	3	10°	120,0	1
PETD 3	224871	**3000**	**3**	**5,4 & 1,35**	3	11,2°	127,0	1
PETD 5	224888	**5000**	**3**	**2,7 & 0,67**	3	11,2°	155,0	1

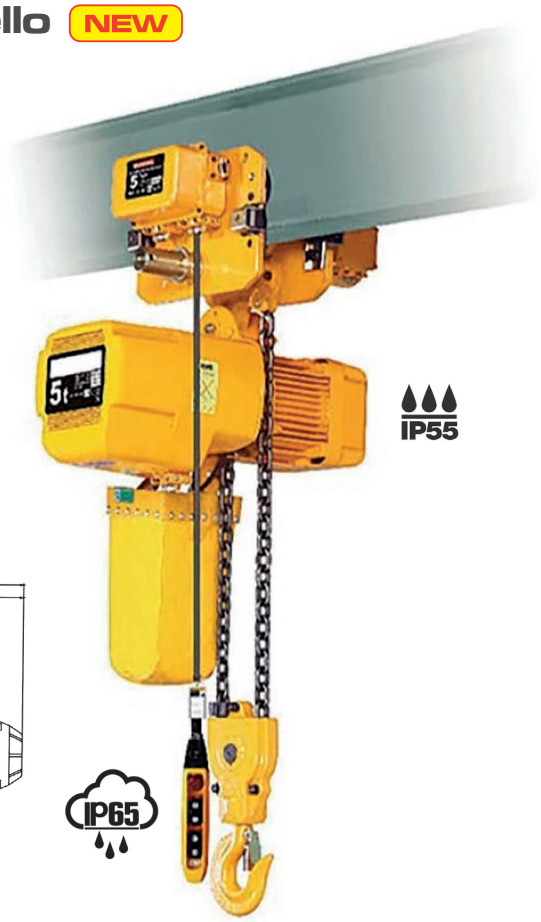
Articolo Article	H	A	B	D	E	I	J	K	L	M	N
PETD 0,5	455	556	266	285	165	35	27	34	25	17	17
PETD 1	520	627	302	300	176	42	32	41	32	24	24
PETD 2	640	733	343	430	265	48	38	49	40	28	28
PETD 3	685	733	343	430	265	59	48	59	48	34	34
PETD 5	870	733	343	430	325	59	48	60	48	42	42

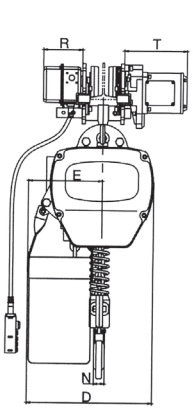
PETD-C Paranco elettrico trifase doppia velocità - carrello NEW

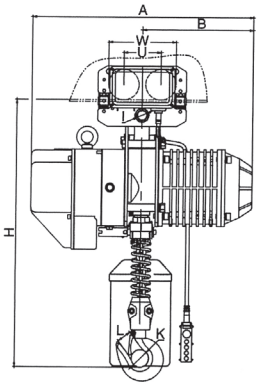
- **Doppia velocità**
- **Con carrello elettrico per traslazione**
- Corpo in alluminio alta resistenza
- Catena giapponese FEC G80 con trattamento ultra termico
- Freno di sicurezza in caso di blackout elettrico
- Sacco raccogli catena
- Sensore di sovraccarico
- Gancio girevole con sicura

- ***Dual/variable speed***
- ***With electric trolley for translation***
- *Light aluminum alloy shell*
- *Japanese chain ultra treatable FEC G80*
- *Single speed*
- *Instant brake in case of the power dump*
- *Chain bag*
- *Limit switch device*
- *360° degrees forging hook with safety tongue piece*

ALLUNGAMENTI DISPONIBILI A RICHIESTA







Articolo Article	Codice Code	Portata Kg Capacity Kg	Vel. sollevamento m/min Lifting speed m/min	Tiri catena Chain Falls	Larghezza trave mm I-Beam mm	Peso Kg Weight Kg	
PETD 0,5 C	224895	500	6,8 & 1,7	1	58-153	87,0	1
PETD 1 C	224901	1000	6,6 & 1,65	1	58-153	104,0	1
PETD 2 C	224918	2000	6,6 & 1,65	1	82-178	168,0	1
PETD 3 C	224925	3000	5,4 & 1,35	1	100-178	188,0	1
PETD 5 C	224932	5000	2,7 & 0,67	2	100-178	240,0	1

	MOTORE PARANCO Lifting motor	MOTORE CARRELLO Trolley motor	
Articolo Article	Potenza Kw Power Kw	Potenza Kw Power Kw	Velocità scorrimento m/min Trolley speed m/min
PETD 0,5 C	0,75	0,4 & 0,1	5/20
PETD 1 C	1,5	0,4 & 0,1	5/20
PETD 2 C	3,0	0,4 & 0,1	5/20
PETD 3 C	3,0	0,75 & 0,18	5/20
PETD 5 C	3,0	0,75 & 0,18	5/20

Articolo Article	H	A	B	D	E	I	K	L	N	W	U	R	T
PETD 0,5 C	525	566	266	285	155	31	34	25	17	206	111	142	276
PETD 1 C	535	627	302	300	176	31	41	32	24	206	111	142	276
PETD 2 C	610	733	343	430	265	36	49	40	28	237	127	142	276
PETD 3 C	670	733	343	430	265	43	59	48	34	265	140	142	315
PETD 5 C	855	733	343	430	325	54	60	48	42	296	156	142	315

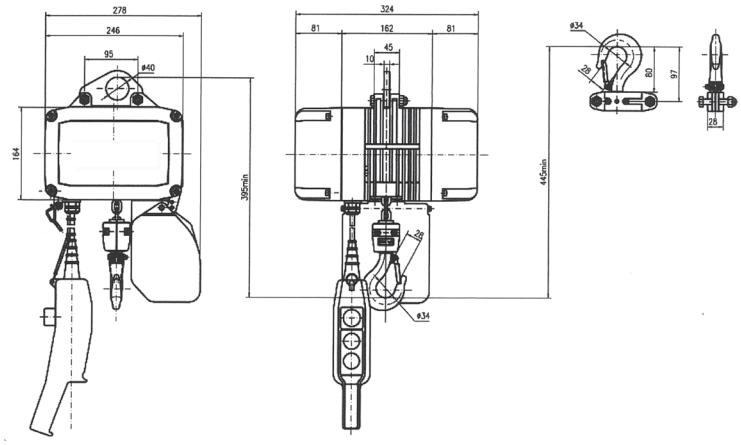
PEM Paranco elettrico Monofase NEW

- Corpo in alluminio alta resistenza
- Catena giapponese FEC G80 con trattamento ultra termico
- Velocità singola
- Motore compatto e ad alta efficienza con dispositivo di protezione dal calore
- Sacco raccogli catena
- Sensore di sovraccarico
- Rumorosità ridotta
- Gancio girevole con sicura

ALLUNGAMENTI DISPONIBILI A RICHIESTA

- *Light aluminum alloy shell*
- *Japanese chain ultra treatable FEC G80*
- *Single speed*
- *Compact and high efficient motor with heat protection device*
- *Chain bag*
- *Limit switch device*
- *Lower noise*
- *360° degrees forging hook with safety tongue piece*





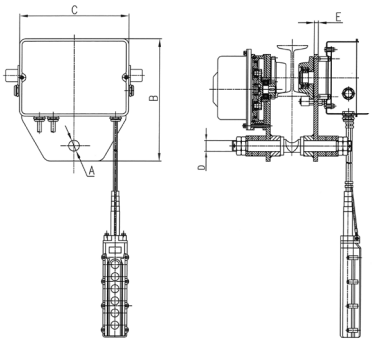
Articolo Article	Codice Code	Portata Kg Capacity Kg	Velocità sollevamento m/min Lifting speed m/min	Potenza Kw Power Kw	Lunghezza catena mt Chain lenght mt	Peso Kg Weight Kg	
PEM 0,2	224949	200	10	0,45	3	25,0	1
PEM 0,5	224956	500	4	0,45	3	25,0	1
PEM 1	224963	1000	2	0,45	3	27,0	1

PE-CT Carrello elettrico Trifase NEW



Sicuro, affidabile con dispositivo di interblocco.
* Durezza dell'ingranaggio:
HRC32-36 per una lunga durata nel tempo.

Safe, reliable with interlock device.
** Gear hardness:*
HRC32-36 for long life.



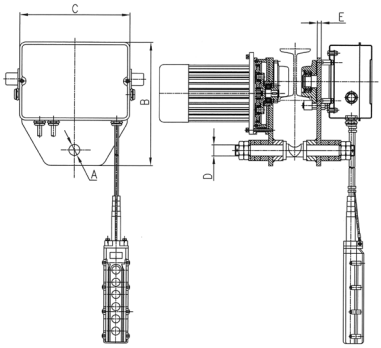
Articolo Article	Codice Code	Portata Kg Capacity Kg	Larghezza trave mm I-Beam mm	Dimensioni mm - *Dimensions mm* A	B	C	D	E	Velocità m/min Running speed m/min	Peso Kg Weight Kg	
PE-CT 1	224994	1000	75-180	27,5	265	260	27	10	20	43,0	1
PE-CT 2	225007	2000	75-180	36,5	265	260	36	10	20	45,0	1
PE-CT 3	225014	3000	100-180	42,5	265	260	42	12	15	47,0	1
PE-CT 5	225021	5000	100-180	30,5	268	390	30X2	16	15	92,0	1

PE-CM Carrello elettrico Monofase NEW



Sicuro, affidabile con dispositivo di interblocco.
* Durezza dell'ingranaggio:
HRC32-36 per una lunga durata nel tempo.

Safe, reliable with interlock device.
** Gear hardness:*
HRC32-36 for long life.



Articolo Article	Codice Code	Portata Kg Capacity Kg	Larghezza trave mm I-Beam mm	Dimensioni mm - *Dimensions mm* A	B	C	D	E	Velocità m/min Running speed m/min	Peso Kg Weight Kg	
PE-CM 1	224970	1000	75-180	27,5	265	260	27	10	20	43,0	1
PE-CM 2	224987	2000	75-180	36,5	265	260	36	10	20	45,0	1



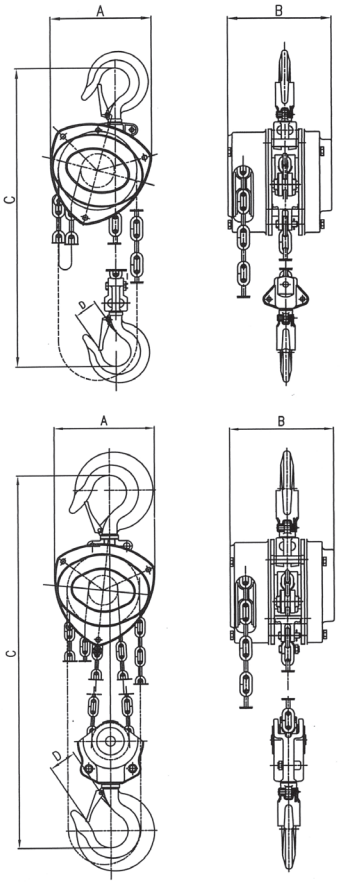


PC Paranco catena

- Gancio con linguetta a molla
- Doppio sistema automatico di freno
- Scorrimento su cuscinetti

- *Self locking look*
- *Double break automatic system*
- *Bearings*



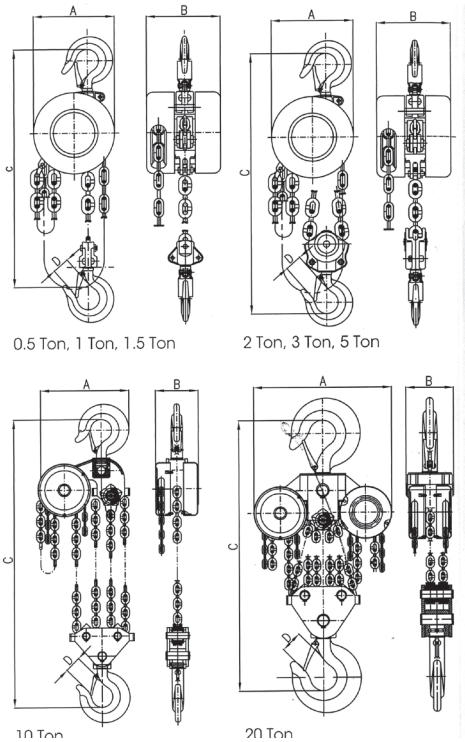


PCE Paranco catena

- Gancio con linguetta a molla
- *Self locking look*

ALLUNGAMENTI DISPONIBILI A RICHIESTA





Articolo Article	Codice Code	Port. max Kg Max capacity Kg	Tiri catena Load chain	Sforzo N/kg	Ø Catena Sollev. mm Ø Chain mm	Lungh. cat. mt Chains lenght mt.	Dim. mm - *Dim. mm* A	B	C	D	Peso Kg Weight Kg	
PC 0,5	212090	**500**	1	26	5	**3+3**	127	115	288	25	7,0	1
PC 1,0	212106	**1000**	1	32	6	**3+3**	156	131	334	25	10,5	1
PC 2,0	212113	**2000**	1	38	8	**3+3**	181	148	435	35	18,0	1
PC 3,0	212120	**3000**	2	40	7	**3+3**	180	142	536	37	23,0	1
PC 5,0	212137	**5000**	2	43	10	**3+3**	230	171	660	50	39,0	1
PC 10,0	212144	**10000**	4	44	10	**3+3**	410	171	738	65	69,0	1
PC 15,0 ⚠	221887	**15000**	6	45	10	**3+3**	410	204	1028	85	95,0	1
PC 20,0 ⚠	221889	**20000**	8	44	10	**3+3**	645	215	1002	85	155,0	1

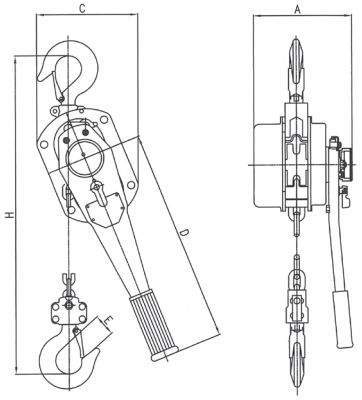
Articolo Article	Codice Code	Port. max Kg Max capacity Kg	Tiri catena Load chain	Sforzo N/kg	Ø Catena Sollev. mm Ø Chain mm	Lungh. cat. mt Chains lenght mt.	Dim. mm - *Dim. mm* A	B	C	D	Peso Kg Weight Kg	
PCE 0,5	212151	**500**	1	26	6	**3+3**	142	126	280	28	9,5	1
PCE 1,0	212168	**1000**	1	31	6	**3+3**	142	126	300	32	10,5	1
PCE 2,0	212175	**2000**	2	32	6	**3+3**	142	126	380	40	14,5	1
PCE 3,0	212182	**3000**	2	34	8	**3+3**	178	142	470	44	23,0	1
PCE 5,0	212199	**5000**	2	38	10	**3+3**	210	165	600	50	35,0	1

*** Ricambi disponibili, vedi pag. 100c**

PL Alzatira a leva

Freno automatico
Self locking





ALLUNGAMENTI DISPONIBILI A RICHIESTA

360° Rotazione
360° Rotation



Articolo Article	Codice Code	Port. max Max capacity	Carico prova Test load ton	Ø catena Ø Chain	Lungh. Catena mt Chain lenght mt	Sforzo Efford req.	Tratti catena Load chain	Dim. mm - *Dim. mm* A	C	H	D	E	Peso Weight Kg	
PL 0,75	212069	**750**	1,125	6	**1,5**	14	1	148	128	295	256	26	7,3	1
PL 1,5	212076	**1500**	1,5	7,1	**1,5**	23	1	163	148	335	368	30	10,4	1
PL 3	212083	**3000**	4,5	10	**1,5**	36	1	191	181	405	368	34	17,2	1

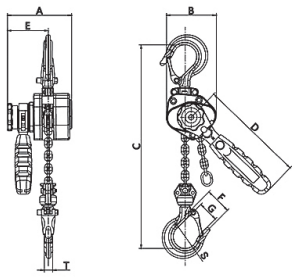
PLM Alzatira a leva versione mini NEW

Leggero e compatto.
Ingombri minimi.

Lightweight and compact.
Minimum dimensions.

ALLUNGAMENTI DISPONIBILI A RICHIESTA







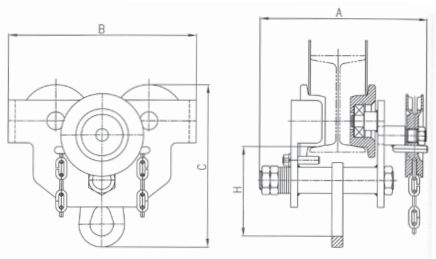
Articolo Article	Codice Code	Port. max Max capacity	Lunghezza Catena mt Chain lenght mt	Sforzo Effort req.	Tratti catena Load chain	Dimensioni mm - *Dimensions mm* A	B	C	D	E	F	G	S	Peso Weight Kg	
PLM 0,25	225038	**250**	**1**	13	1	75	115	210	157	61	35	21	32	2,0	1
PLM 0,5	225045	**500**	**1,5**	18,5	1	90	135	255	180	65	45	24,5	34,5	3,0	1

CPP Carrello porta paranco a spinta NEW

Per sospensione e scorrimento del paranco lungo la trave di ancoraggio. Movimento a spinta/trazione.

For suspension and sliding of the hoist along the beam. Push/pull movement.





Articolo Article	Codice Code	Portata Kg Capacity Kg	Apertura mm Opening mm	Dimensioni mm - *Dimensions mm* A	B	C	E	K	L	Peso Kg Weight Kg	
CPP 0,5	225052	500	50 - 220	292	225	173	33	25	30	8,2	1
CPP 1	226394	1000	58 - 220	300	252	188	31	30	35	10,3	1
CPP 2	226400	2000	66 - 220	310	300	226	32	40	47	17,5	1
CPP 3	226417	3000	74 - 220	324	360	289	46	48	58	30,7	1
CPP 5	226424	5000	90 - 220	329	392	313	47	60	70	42,4	1

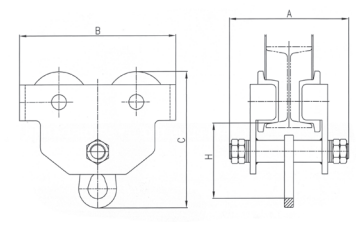
CPP-C Carrello porta paranco a catena NEW

Per sospensione e scorrimento del paranco lungo la trave di ancoraggio. Movimento con catena di manovra.

For suspension and sliding of the hoist along beam. Movement by chain.



ALLUNGAMENTI DISPONIBILI A RICHIESTA

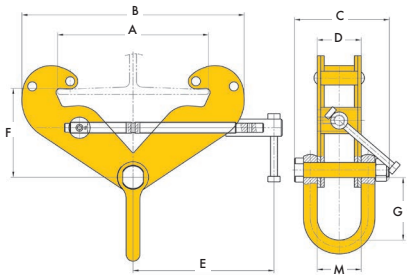


Articolo Article	Codice Code	Portata Kg Capacity Kg	Apertura mm Opening mm	L. catena mt Chain lenght mt	Dimensioni mm - *Dimensions mm* A	B	C	E	K	L	Peso Kg Weight Kg	
CPP 0,5 C	226431	500	50 - 220	2,5	292	225	173	33	25	30	11,4	1
CPP 1 C	226448	1000	58 - 220	2,5	300	252	188	31	30	35	14,7	1
CPP 2 C	226455	2000	66 - 220	3	314	300	226	32	40	47	21,8	1
CPP 3 C	226462	3000	74 - 220	3	350	360	289	46	48	58	36,7	1
CPP 5 C	226479	5000	90 - 220	3	359	392	313	47	60	70	48,5	1

BCLJ Per trasporto e ancoraggio a putrelle

For transportation and hanging on steel beams





Articolo Article	Codice Code	Portata Kg Capacity Kg	Apertura mm Opening mm	Dimensioni mm - *Dimensions mm*								Peso Kg Weight Kg	
				A	B	C	D	E	F	G	M		
BCLJ 1	211819	1000	70 - 245	270	183 ÷ 375	144	66	210	165	91	84	4,5	1
BCLJ 2	211826	2000	70 - 245	270	183 ÷ 375	144	74	210	165	91	84	5,5	1
BCLJ 3	208123	3000	70 - 355	365	240 ÷ 520	185	103	258	225	115	105	11,5	1
BCLJ 5	208130	5000	70 - 355	365	240 ÷ 520	210	111	258	225	115	105	14	1

SRC Sacco raccogli catena NEW

Elimina l'ingombro dei tratti inattivi della catena e la mantiene più pulita.

It eliminates the encumbance of the inactive sections of the chain and keeps it cleaner.





Articolo Article	Codice Code	Per paranco portata kg For hoist capacity kg	Dimensioni mm Dimensions mm	
SRC 0,5	226486	500	100 x 90 x 250	1
SRC 1	226493	1000	100 x 90 x 300	1
SRC 2	226509	2000	100 x 90 x 500	1
SRC 3	226516	3000	125 x 110 x 500	1
SRC 5	226523	5000	220 x 160 x 500	1

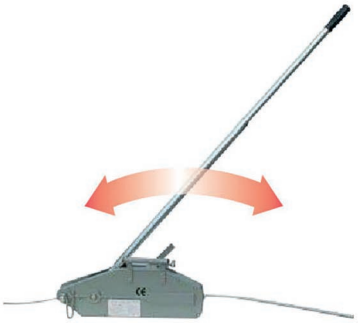
AFP Argano fune passante NEW

Ideale per operazioni di tensionamento, tiro, sollevamento, posizionamento ed abbassamento.
Questo modello è utilizzabile sia all'aperto sia al chiuso ed in situazioni avverse.
Carcasse in alluminio ad alta resistenza.
Compatto e leggero.

Ideal for tensioning, pulling, lifting, positioning and lowering operations. This type of hoist is suitable to use outdoor sites, indoor and under adverse circumstances.
Aluminium alloy housing.
Compact and lightweight.







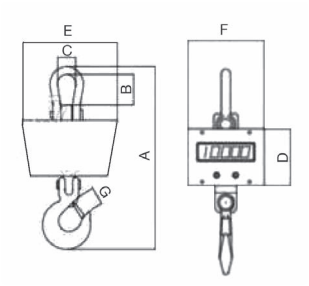
Articolo Article	Codice Code	Portata Kg Capacity Kg	Lunghezza fune mt Wire rope lenght mt	Diametro fune Ø mm Wire rope diameter Ø mm	Peso Kg Weight Kg	
AFP 0,8	226547	**800**	**20**	8,3	6,5	1
AFP 1,6	226554	**1600**	**20**	11	12,0	1
AFP 3,2	226561	**3200**	**20**	16	23,0	1
AFP 5,4	226578	**5400**	**20**	20	56,0	1

*** Allungamenti fune disponibili su richiesta**

D1JT Dinamometro elettronico compatto e leggero telecomando incluso



Caratteristiche tecniche:
- Display illuminato per la lettura del carico
- Altezza caratteri del display 32 mm
- Batteria interna ricaricabile da 7,2 V
- Autonomia 40 ore
- Azzeramento tara
- Ganci completi di linguetta di sicurezza
- Unità di misura Kg/Lb
- Memoria
- Filtro anti oscillazione





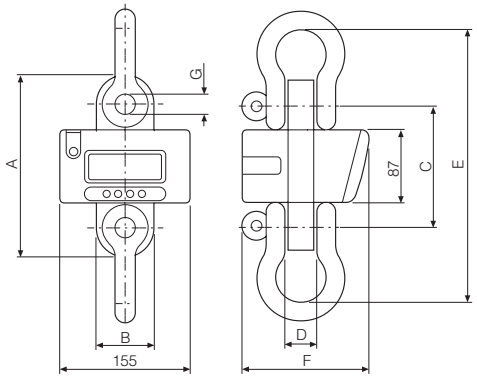
Technical characteristics:
- *LCD visualization*
- *Display H type 32 mm*
- *7,2 V internal recheargeable battery*
- *About 40 hours duration*
- *Tare zero set*
- *Memory*
- *Safety hooks*
- *Kg/Lb*

Articolo Article	Codice Code	Portata max Kg Max capacity Kg	Sensibilità Kg Sensibility Kg	Dimensioni mm - *Dimensions mm* A	B	C	D	E	F	G	Peso Kg Weight Kg	
D1JT 3	209441	3000	1	515	93	34	110	250	210	35	13,0	1
D1JT 5	209458	5000	1	575	122	80	110	250	210	46	16,0	1
D1JT 10	209465	10000	5	630	123	88	110	250	210	45	22,0	1
D1JT 15	211796	15000	5	920	190	120	130	270	230	55	40,0	1
D1JT 20	211802	20000	10	1050	220	140	130	270	230	75	65,0	1

D1 T Dinamometro elettronico telecomando incluso

Electronic dynamometer
Remote control included

per l'articolo D1RT-10000
i grilli non sono compresi





Articolo Article	Codice Code	Portata max Kg Max capacity Kg	Sensibilità Kg Sensibility Kg	Dimensioni mm - *Dimensions mm* A	B	C	D	E	F	G	Peso Kg Weight Kg	
D1 T-3200	183666	3200	1	199	69	130	25	269	155	20	4,2	1
D1 T-6300	183673	6300	2	213	69	144	35	348	155	26	6,5	1
D1 T-10000	159104	10000	5	265	100	181	50	455	172	36	9,6	1

Attenzione: opzione di spegnimento automatico già prevista – Warning: automatic power-off function.

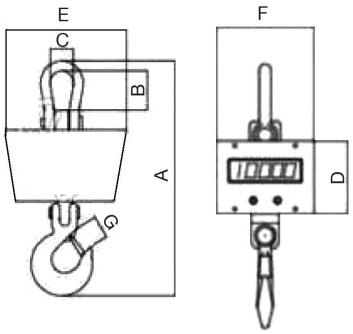
D131 Dinamometro elettronico 3 in 1 NEW

Dinamometro con funzione di **visualizzazione del peso con un'unità di incremento differente in base all'intervallo di pesatura.** Questa modalità, permette di ottenere pesate sempre precise nei diversi range di portata.

*Dynamometer with weight display function **with a different unit of increase based on the weighing range.***
This mode allows to obtain always precise weighs in the different ranges of capacity.







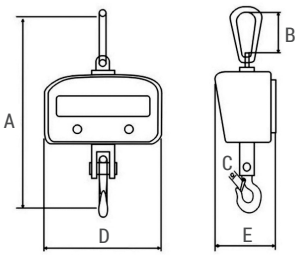
Articolo Article	Codice Code	Portata Kg Capacity Kg	Valori divisione Divisions	Dimensioni mm - *Dimensions mm* A	B	C	D	E	F	G	Peso Kg Weight Kg	
D131 3000	226585	**600/1500/3000**	0,2/0,5/1	530	93	50	136	242	230	35	10,5	1
D131 6000	218801	**1500/3000/6000**	0,5/1/2	590	124	76	136	242	230	42	12,9	1
D131 10000	226592	**3000/6000/10000**	1/2/5	630	125	85	136	242	230	45	21,0	1

D1 MINI Mini dinamometro elettronico NEW

- Leggero e compatto
- Maneggevole
- Telecomando incluso
- Gancio girevole
- Funzione stand-by

- *Light and compact design*
- *Handy*
- *Remote control*
- *360° degrees rotable hook*
- *Power save mode*



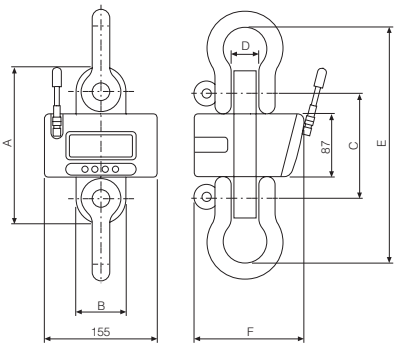


Articolo Article	Codice Code	Portata Kg Capacity Kg	Dimensioni mm - *Dimensions mm* A	B	C	D	E	Peso Kg Weight Kg	
D1-0,2 MINI	226608	200	350	70	20	200	135	2,5	1
D1-0,3 MINI	226615	300	350	70	20	200	135	3	1
D1-0,5 MINI	226622	500	370	80	30	200	135	3,5	1
D1-1 MINI	226639	1000	370	85	30	200	135	4,5	1

D1 RT Dinamometro elettronico con trasmissione radio

Con trasmissione radio dei valori di peso all'apposita apparecchiatura mod. Rx port

***Electronic dynamometer with radio transmission** of the weight to the receiving group Mod. RX PORT*





per l'articolo D1RT-10000 i grilli non sono compresi

Articolo Article	Codice Code	Portata max Kg Max Capacity Kg	Sensibilità Kg Sensitivity Kg	Dimensioni mm - *Dimensions mm* A	B	C	D	E	F	Peso Kg Weight Kg	
D1 RT-3200	179515	**3200**	1	199	69	130	25	269	155	4,2	1
D1 RT-6300	179997	**6300**	2	213	69	144	35	348	155	6,5	1
D1 RT-10000	180078	**10000**	5	265	100	181	50	455	172	9,6	1

Caratteristiche tecniche Mod. D1 RT:
- N. 3 batterie tipo "AA"
- Autonomia di circa 100 ore
- Display 5 cifre, peso stabile, autonomia, unità di misura
- Precisione ± 0.1% della portata nominale
- Selezione unità di misura (kg - N - kN - lb)
- Abilitazione autospegnimento
- Coefficiente di sicurezza a rottura: > 5

Technical characteristics Mod. D1 RT:
- *Power supply: n. 3 battery - type "AA"*
- *About 100 hours duration*
- *5 digits visualization, stable weight, battery life, measuring unit*
- *Precision ± 0.1 nominal load*
- *Measuring unit selection (kg - N - kN - lb)*
- *Automatic power-off function*
- *Breaking load coeficient: > 5*

RX-PORT Palmare



ACCESSORIO DI RICEZIONE DA ABBINARE AL MOD. D1 RT

Strumento palmare di ricezione, visualizzazione e memorizzazione, permette le tarature e può inviare dati a un PC e/o ad una stampante comune con uscita seriale RS232.

Receiving group additional to art. D1 RT

Receiving, visualising and memorising group; it allows the calibrations and the transmission of the data to a printer or a PC. RS232 out put for printing the weight or continuos PC sending.

Articolo Article	Codice Code	Dimensioni mm Dimensions mm	
RX-PORT	160681	110 x 68 x 31	1

Caratteristiche tecniche RX-PORT:
- Funzionamento con n° 3 pile 1,5V - tipo "AA"
- Autonomia di circa 150 ore
- Display a LCD - 5 cifre da 12 mm e 7 segmenti
- Selezione unità di misura (kg - N - kN - lb)
- Abilitazione autospegnimento
- Uscita seriale RS232 con funzione di stampa o di trasmissione del peso

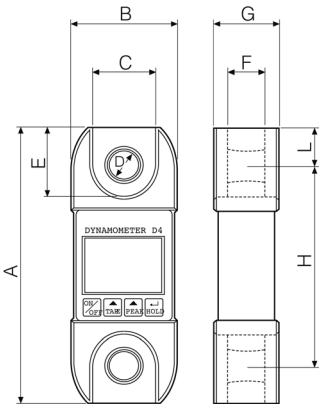
Technical characteristics RX-PORT:
- *Power supply: n. 3 battery - type "AA"*
- *About 150 hours duration*
- *LCD 5 digits, 7 segments, 12 mm*
- *Measuring unit selection (kg - N - kN - lb)*
- *Automatic power-off function*
- *RS232 output for printing the weight or continuous PC sending*

D4 Dinamometro elettronico per tesatura cavi

Caratteristiche tecniche:
- Batteria interna standard 9 V
- Autonomia di circa 200 ore
- Display a LCD - 5 cifre da 17 mm
- Selezione unità di misura kg - t - Ton - lbs - DaN - kN
- Abilitazione autospegnimento

Technical characteristics:
- *Standard 9 V battery*
- *About 200 hours duration*
- *5 digit 17 mm LCD visualization*
- *Measuring unit selection (kg - t - Ton - lbs - DaN - kN)*
- *Automatic power-off function*





Articolo Article	Codice Code	Portata max Kg Max Capacity Kg	Sensibilità Kg Sensitivity Kg	A	B	C	D	E	F	G	H	L	Peso Kg Weight Kg	
D4-2500	175241	2500	1	218	90	47	21	52,5	25	56	160	29	1,35	1
D4-5000	175258	5000	2	230	90	54	27	57,5	32	56	165	32,5	1,85	1
D4-10000	175265	10000	5	315	110	80	38	97,5	49	59	200	57,5	3,6	1





C3 Aggraffatore magnetico



Particolarmente adatto per uso manuale
Molto pratico e leggero. Serve per trascinare e trasportare lamiere singole, per aggraffare a mano pezzi ossitagliati, particolari manufatti ecc.

Especially suitable for manual use
It is handy and light weight for dragging and transporting single plates to staple by hand, oxyacetylene cut pieces and etc.

Attenzione: è importante rispettare lo spessore minimo di sollevamento.
Warning: take care to comply with lifting minimum thickness so that the lifter can release the magnetic power.

Articolo Article	Codice Code	Carico lavoro Kg Working load Kg	Lungh. max carico mm Max load lenght mm	Trascinamento Kg Dragging cap. Kg	Dim. mm Dim. mm	h manico mm Handle h. mm	Peso Kg Weight Kg	
C3	212663	75	450	30	158x147x25	174	1,5	1

N-25 Sollevatore magnetico



È particolarmente adatto per il sollevamento di spessori sottili.
e serve per trasportare e trascinare lamiere singole, per spacchettare, per inserire le stesse sotto cesoie o trance, per il trasporto a mano in costa di fogli di lamiera.

It is especially suitable for lifting of thick thickness.
when individual plates have to be shifted and dragged, for unpacking, for putting plates under shear and cutters. Used also for vertical manual transportation of plates. Tools tested with dynamometer.

Attenzione: è importante rispettare lo spessore minimo di sollevamento.
Warning: take care to comply with lifting minimum thickness so that the lifter can release the magnetic power.

Articolo Article	Codice Code	Carico lavoro Kg Working load Kg	Lungh. max carico mm Max load lenght mm	Trascinamento Kg Dragging cap. Kg	Dim. mm Dim. mm	h manico mm Handle h. mm	Peso Kg Weight Kg	
N-25	205931	250	600	80	112x200x30	125	5,0	1

N-60 Sollevatore magnetico



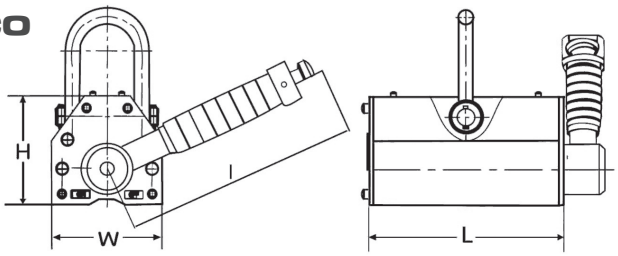
È particolarmente adatto per il sollevamento di spessori sottili.
Per sollevare singoli spezzoni di ferro oppure pezzi lavorati o semilavorati: per esempio pezzi al taglio ossiacetilenico, ecc.; viene anche impiegato per posare e togliere gli stampi sul piano delle macchine utensili e per scaricare i blocchi grezzi al loro arrivo.
Il sollevamento non orizzontale viene seguito dalla inclinazione del manico dell'attrezzo.
Gli attrezzi sono collaudati al dinamometro.

It is especially suitable for lifting of thick thickness.
For lifting individual iron pieces or finished or semi-finished pieces, e.g. oxyacetylene cut pieces and etc. It is also used for laying and taking off moulds and patterns into and from plane of tool machines and for unloading row pieces at their arrival. Non-horizontal lifting is followed by the titling of tool handle. tools tested with the dynamometer.

Attenzione: è importante rispettare lo spessore minimo di sollevamento.
Warning: take care to comply with lifting minimum thickness so that the lifter can release the magnetic power.

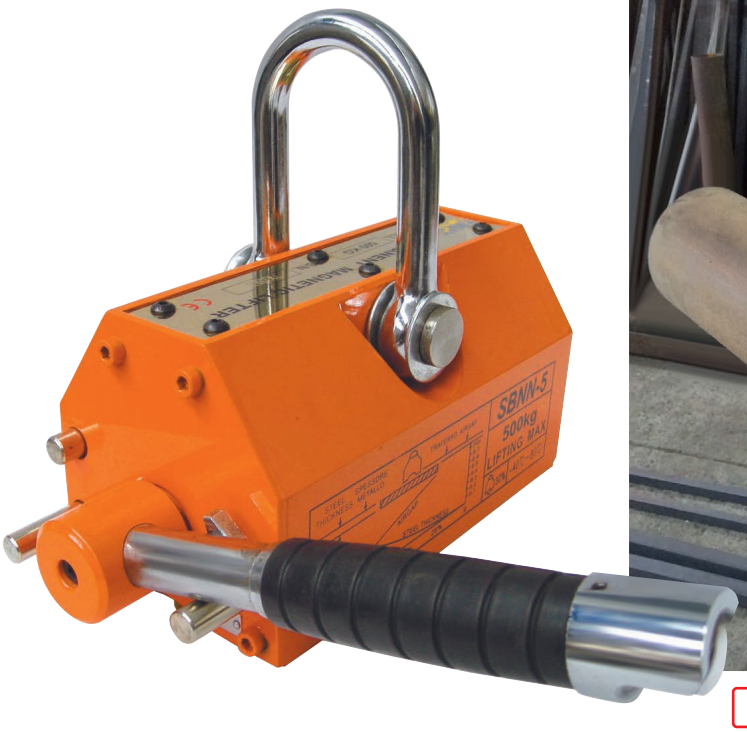
Articolo Article	Codice Code	Portata Kg Capacity Kg	Spessore min. mm Min. thickness mm	Dimensioni mm Dimensions mm	Peso Kg Weight Kg	
N-60	108621	500	20	195 x 310	12,5	1

SBNN Sollevatore magnetico al neodimio



Si distinguono per la loro maneggevolezza, praticità e sicurezza. Si evita inoltre l'imbragatura dei pezzi da sollevare o l'uso di catene che può danneggiare gli spigoli del carico. Sfruttando il principio del "bipolarismo" il medesimo attrezzo può sollevare pezzi piani e tondi. Molto indicato per barre, tondi, putrelle, blocchi ossitagliati, stampi ecc.

They are very requested for their easy handling and safety. Shouldn't use slings or chains that could damage the edges of the load. By using "bipolarism" the same item can lift round and plain pieces. Very useful for bars, rounds pieces, beams, blocks, molds.





Con pulsante di sblocco in testa alla leva

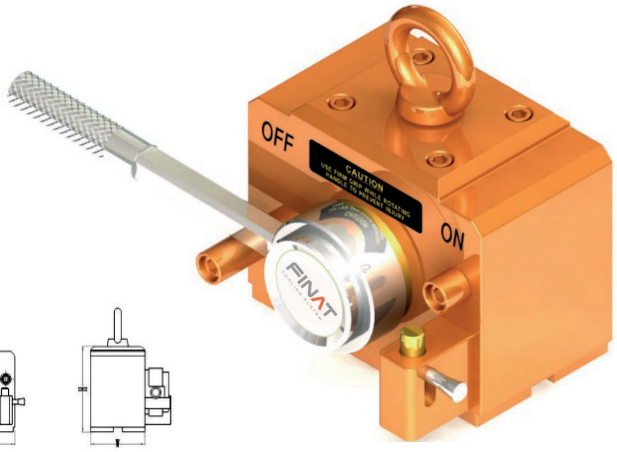
Articolo Article	Cod. Code	Dimensioni mm Dimensions mm				Carico lavoro Verticale	Spess. min. Min. thickness	Max lungh. Max lenght	Carico lavoro Orizzontale	Ø max. Ø max.	Max lungh. Max lenght	Peso Kg Weight Kg	
		W	L	H	I	Kg	mm	mm	Kg	mm	mm	Kg	
		PIATTO							TONDO				
SBNN 1	203234	62	92	70	145	100	10	1000	30	20/80	1000	3,0	1
SBNN 3	203241	92	162	96	180	300	20	1000	100	20/150	1000	10,0	1
SBNN 5	203258	120	216	116	220	500	20	1500	150	20/180	1500	21,0	1
SBNN 10	203265	176	258	163	285	1000	35	2000	300	20/190	1500	50,0	1
SBNN 20	203272	234	378	212	465	2000	50	2500	600	140/420	1500	125,0	1
SBNN 30	211772	274	452	266	520	3000	50	2500	1000	140/420	2000	220,0	1
SBNN 50	211789	296	720	266	700	5000	60	2500	1000	140/420	2000	398,0	1

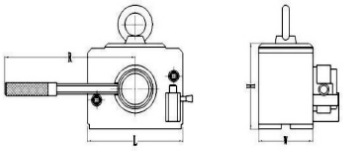
Attenzione: è importante rispettare lo spessore minimo di sollevamento.
Warning: take care to comply with lifting minimum thickness so that the lifter can release the magnetic power.

SBN-C Sollevatore magnetico compatto NEW

Senso di rotazione della leva longitudinale rispetto al corpo centrale. Posizionabile in punti stretti.

Direction of rotation of the lever is longitudinal with respect to the central body. It can be placed in tigh spots.





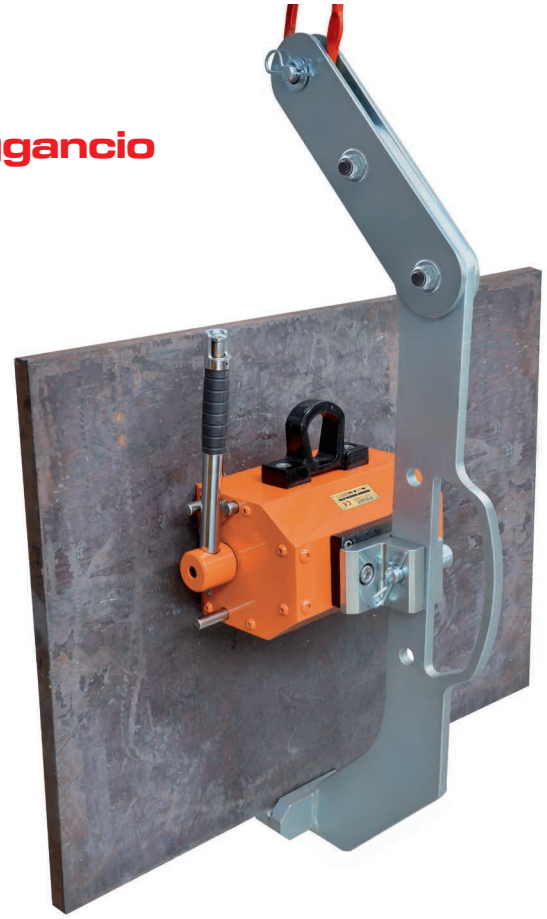
Articolo Article	Codice Code	Portata kg Rated lifting strength kg	Dimensioni mm - *Dimensions mm* L	W	H	R	Peso Kg Weight Kg	
SBN 3 C	226646	300	160	90	120	220	12,0	1

SBNN-D Doppio attacco versione doppio aggancio

Per tiro verticale e orizzontale

Double hook





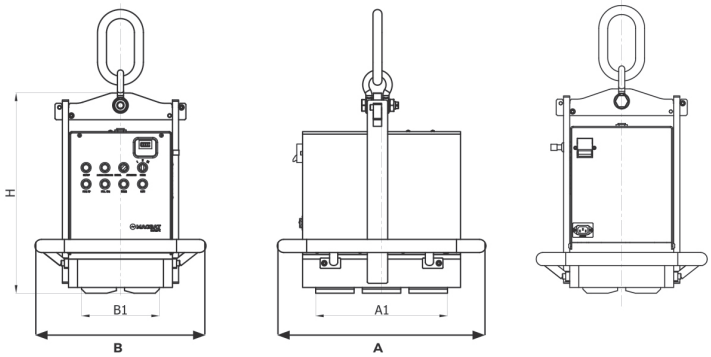
							VERTICALE			ORIZZONTALE				
Articolo Article	Codice Code	Dimensioni mm Dimensions mm W	L	H	I	Carico lavoro Verticale Kg	Spess. min. Min. thickness mm	Max lungh. Max lenght mm	Carico lavoro Orizzontale Kg	Spess. min. Min. thickness mm	Max lungh. Max lenght mm	Peso Kg Weight Kg	
SBNN-D5	208949	62	92	70	145	150	20	1000	500	20	1000	23,0	1
SBNN-D10	208956	92	162	96	180	300	35	2000	1000	35	2000	53,0	1

SBNEB Sollevatore magnetico a batteria NEW

- Fattore di sicurezza 3:1
- 6 modelli da 500 kg a 5000 kg
- Scelta tra operazione automatica o manuale
- Ciclo PICKUP con regolazione forza a 3 livelli, per il sollevamento di 1 singola piastra da una pila
- Radio comando remoto
- Sensore induttivo di prossimità per evitare demagnetizzazione in aria

- *Safety factor 3:1*
- *6 models from 500 kg to 5000 kg*
- *Choice between automatic or manual operation*
- *PICKUP cycle with adjustable force at 3 levels, for lifting 1 single plate from a stack*
- *Radio remote control*
- *Inductive proximity switch against accidental demagnetization in the air*

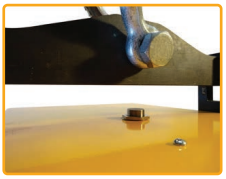


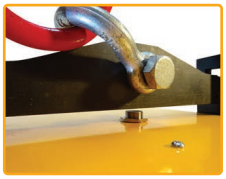


1. Sensore induttivo di prossimità *Inductive proximity switch*
2. Indicazione livello batteria *Battery level indication*
3. Interruttore per selezione tra manuale e automatico *Selector switch manual/automatic*
4. Forza PICK-UP selezionabile su 3 livelli *Pick-up force setting on 3 levels*
5. Pulsanti digitali illuminati *Digital illuminated push buttons*
6. Griglia di protezione perimetrale *Protection rail all around*









Il sensore di prossimità evita la demagnetizzazione in aria ed attiva il ciclo MAG (magnetizzato) e DEMAG (demagnetizzato) quando si seleziona il ciclo AUTO (ciclo automatico).

The proximity switch prevents demagnetization in the air and starts the mag and demag cycle when auto-cycle selected.

PIATTO TONDO

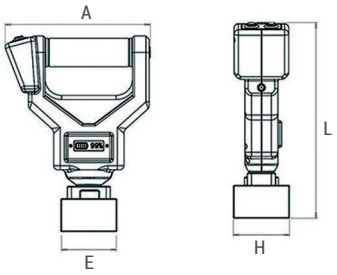
Articolo Article	Codice Code	Portata singola Kg Single capacity Kg	Spess. min. Min. thickness	Alimentazione Voltage (V)	Tempo ricarica Charging time (h)	Dim. mm - *Dim. mm* A	A1	B	B1	H	Peso Kg Weight Kg	
SBNEB 0,5	226653	500 / 250	6	24	6-8	474	276	404	152	457	92,0	1
SBNEB 1	226660	1000 / 500	6	36	7-8	510	322	418	170	497	126,0	1
SBNEB 1,5	226677	1500 / 750	10	48	7-8	624	436	446	208	492	173,0	1
SBNEB 2	226684	2000 / 1000	12	48	7-8	672	484	446	228	533	206,0	1
SBNEB 3	226691	3000 / 1500	16	60	8-9	732	532	547	292	535	268,0	1
SBNEB 5	226707	5000 / 2500	20	72	8-9	1332	1136	547	243	557	493,0	1

IMB Impugnatura magnetica a batteria NEW

Ideale per la movimentazione di particolari ossitagliati e difficoltosi da prelevare. Caricabatterie incluso.

For handling oxt-cut and difficult to pick up pieces.
Battery charger included.







Articolo Article	Codice Code	Portata Kg Capacity Kg	Dimensioni mm - *Dimensions mm* A	H	L	E	Peso Kg Weight Kg	
IMB 30	223669	30	176	64	237	64	1.8	1
IMB 50	223676	50	176	55	255	88	2,7	1

IMBP Impugnatura magnetica a batteria con prolunga NEW

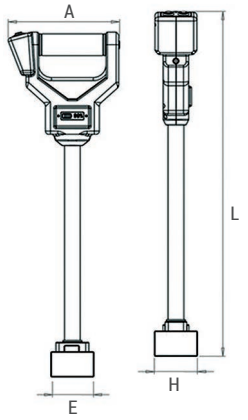
Ideale per la movimentazione di particolari ossitagliati e difficoltosi da prelevare. Caricabatterie incluso.

For handling oxt-cut and difficult to pick up pieces.
Battery charger included.











Articolo Article	Codice Code	Portata Kg Capacity Kg	Dimensioni mm - *Dimensions mm* A	H	L	E	Peso Kg Weight Kg	
IMBP 30	223683	30	176	64	547	64	2,0	1
IMBP 50	223690	50	176	55	565	88	2,9	1

SFN Squadra magnetica a 90°

Squadre magnetiche fisse a 90°, adatte per lavori di saldatura, di tracciatura e carpenteria. Molto utili anche per la saldatura di telai, cassoni, serramenti, ecc. In caso di saldatura la massa a terra non deve mai essere fissata alla squadra.

Magnetic brackets 90°
90° fixed magnetic brackets suitable for soldering, welding, shearing and metallic carpentry works. Very useful when welding frames, tanks, fittings and etc. When welding or soldering, never touch the tool with the grounding mass.

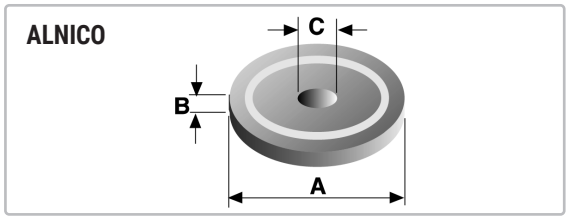


Articolo Article	Codice Code	Dimensioni mm Dimensions mm	Peso Kg Weight Kg	
SFN 150	108942	150 x 150 x 32	1,2	1
SFN 200	108935	200 x 200 x 55	2,5	1
SFN 300	108928	300 x 300 x 55	5,0	1
SFN 500	108911	500 x 500 x 55	10,0	1



CPM Magneti piatti

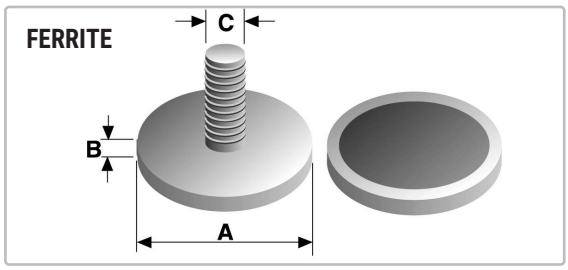
Magnetic plates



Articolo Article	Codice Code	Ø A mm	B mm	Ø C mm	Attrazione magnetica Kg Magnetic attraction Kg	
CPM 1	150200	19,0	8,0	M4	2,5	10
CPM 2	150217	28,6	9,5	M5	5,5	10
CPM 3	150224	38,0	11,1	M5	10	10

MFF Magneti piatti filettati

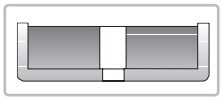
Threaded magnetic plates

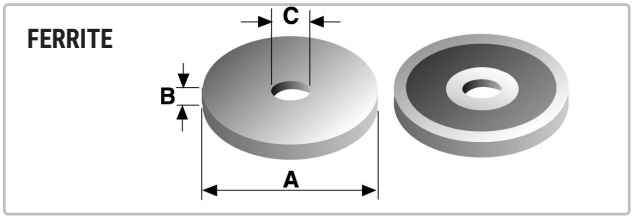


Articolo Article	Codice Code	Ø A mm	B mm	Ø C mm	Attrazione magnetica Kg Magnetic attraction Kg	
MFF 1	150231	22	8	5 MA x 12	2	10
MFF 2	150248	32	7	5 MA x 15	5	10

MF Magneti piatti

Magnetic plates

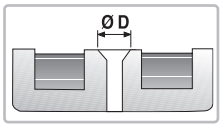


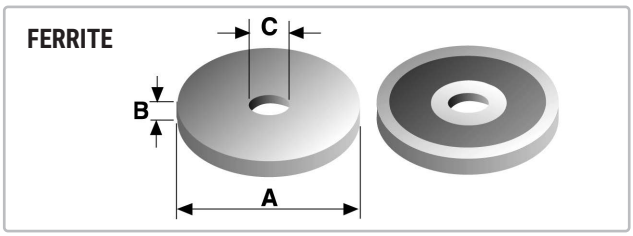


Articolo Article	Codice Code	Ø A mm	B mm	Ø C mm	Attrazione magnetica Kg Magnetic attraction Kg	
MF 1	150255	45	10	8,3	7	10
MF 2	150262	55	11	8,3	13	10
MF 3	150279	71	15	10,3	20	10
MF 4	150286	80	18	8,5	27	10

MF 5 Magneti piatti

Magnetic plates

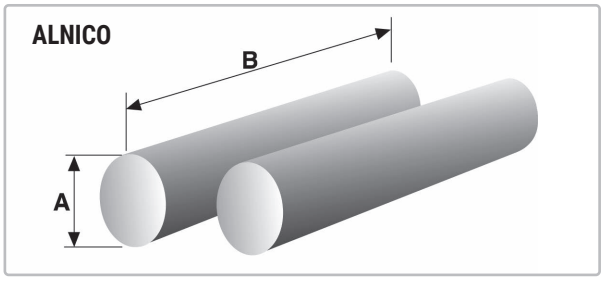




Articolo Article	Codice Code	Ø A mm	B mm	Ø C mm	D mm	Attrazione magnetica Kg Magnetic attraction Kg	
MF 5	150293	52	13	6,5	20	15	10

CM Cilindretti magnetici

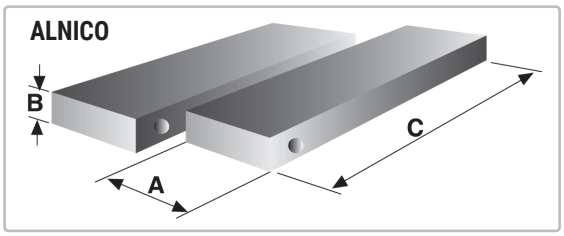
Magnetic round bars



Articolo Article	Codice Code	Ø A mm	B mm	
CM 1	149846	6	20	10
CM 2	149853	8	25	10
CM 3	149860	10	30	10

BRM Barrette magnetiche rettangolari

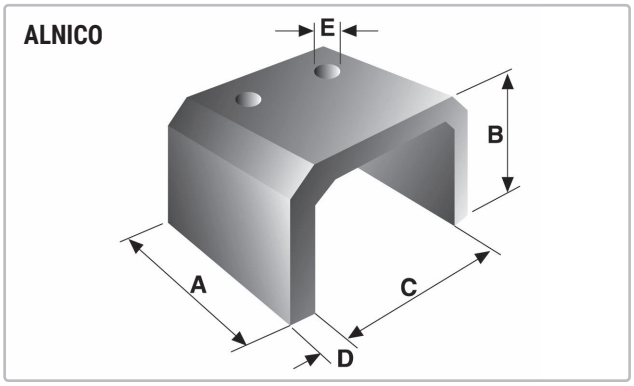
Magnetic rectangular bars



Articolo Article	Codice Code	Ø A mm	B mm	C mm	
BRM 1	149877	10,0	5	20	10
BRM 2	149884	12,5	5	40	10
BRM 3	149891	15,0	5	60	10
BRM 4	149907	15,0	10	50	10
BRM 5	149914	15,0	10	75	10

MA Magneti ad arco

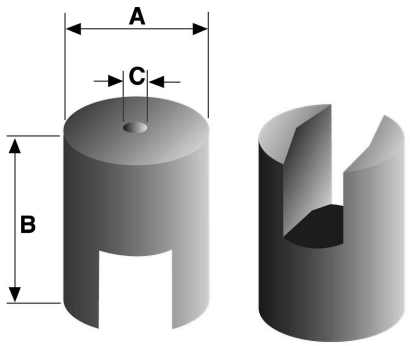
Arc magnets



Articolo Article	Codice Code	Ø A mm	B mm	Ø C mm	D mm	Ø E mm	Attrazione magnetica Kg Magnetic attraction Kg	
MA 1	149921	19,0	19,0	14,2	7,9	4,0	5	10
MA 2	149938	25,4	25,4	19,0	9,5	4,7	9	10
MA 3	149945	28,6	28,6	22,2	11,1	4,7	12	10
MA 4	149952	44,5	35,0	35,0	11,0	8,0	29	10
MA 5	149969	57,0	41,0	41,0	14,3	8,0	33	10
MA 6	149976	82,5	54,0	47,6	16,0	9,5	50	10

BCM Blocchetti magnetici cavi

ALNICO

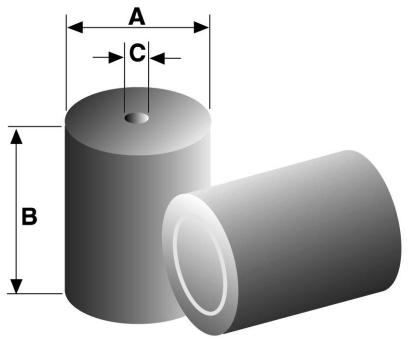


Articolo Article	Codice Code	Ø A mm	B mm	Ø C mm	Attrazione magnetica Kg Magnetic attraction Kg	
BCM 1	149983	12,7	9,5	4,4	0,8	10
BCM 2	149990	19,0	12,7	4,8	1,9	10
BCM 3	150002	25,4	15,9	4,8	3	10
BCM 4	150019	31,7	25,4	6,4	6,8	10

MB Blocchetti magnetici

Magnetic blocks

ALNICO



Articolo Article	Codice Code	Ø A mm	B mm	Ø C mm	Attrazione magnetica Kg Magnetic attraction Kg	
MB 1A	182393	6,0	10,0	-	0,3	10
MB 2	150033	8,0	8,0	-	0,6	10
MB 3	150040	10,0	10,0	M3	0,9	10
MB 4	150057	12,0	15,0	M4	1,4	10
MB 5	150064	12,7	15,8	M4	2	10
MB 6	150071	17,5	15,8	M6	4	10
MB 7	150088	18,0	20,0	M6	4,8	10
MB 8	150095	20,0	20,0	M6	5,5	10
MB 9	150101	20,6	19,0	M6	5,5	10
MB 10	150118	27,0	25,4	M6	8	10
MB 11	150125	30,0	30,0	M6	14	10
MB 12	150132	35,0	20,0	M6	12	10
MB 13	150149	35,0	30,0	M6	18	10
MB 14	150156	40,0	30,0	M8	25	10
MB 15	150163	45,0	30,0	M8	30	10
MB 16	150170	50,0	40,0	M8	45	10
MB 17 **	183703	50,0	50,0	M8	50	10
MB 18	150194	55,0	14,0	M8	8	10

** In Neodimio

PRG Pattino a rulli girevole NEW

Per un trasporto facile e sicuro di oggetti pesanti e macchinari.
Dotato di spessi rulli in nylon montati su speciali cuscinetti.
Con superficie girevole a 360°. **Portata a coppie.**

For an easy and safe moving and load of heavy objects and machinery.
Equipped with hard nylon rollers mounted on special bearings.
Swivel 360° degrees base. ***Capacity per pair.***



Articolo Article	Codice Code	Portata a coppia Kg Capacity Kg	Numero di ruote Num. of wheels	Dim. LxWxH mm Dim. LxWxH mm	Peso Kg Weight Kg	
PRG 6	226714	6000	4	320 x 210 x 110	15,0	1
PRG 8	220231	8000	6	400 x 210 x 110	22,0	1
PRG 12	226721	12000	8	500 x 210 x 113	29,0	1
PRG 18	226738	18000	12	500 x 300 x 115	43,0	1

PRF Pattino a rulli fissi NEW

Ideali per la movimentazione di qualsivoglia carico medio-pesante possono essere utilizzati singolarmente o posizionati in più punti.

Ideal for the transport of medium heavy loads of all kinds.
The components can be used individually or adapted to a load moving system.



Articolo Article	Codice Code	Portata Kg Capacity Kg	Ruote Wheels	Num. di ruote Number of rollers	Wheels Ø x width mm Wheels Ø x width mm	Dim. LxWxH mm Dim. LxWxH mm	Peso Kg Weight Kg	
PRF 1	226745	1000	fisse/fixed	4	100 x 35	400 x 228 x 120	7,0	1
PRF 2	226752	2000	fisse/fixed	8	100 x 35	400 x 200 x 120	8,0	1
PRF 2,5	226769	2500	fisse/fixed	2	85 x 90	275 x 120 x 100	4,0	1
PRF 3	226776	3000	fisse/fixed	4	85 x 85	400 x 228 x 100	9,5	1
PRF 6	226783	6000	fisse/fixed	6	85 x 85	415 x 210 x 100	12,0	1

PRFT Set pattini a rulli con timone frontale NEW

Sistema di movimentazione a 3 punti. Questi pattini sono forniti in kit completo come nell'immagine. I rulli frontali sono provvisti di pratico timone orientabile e quelli posteriori equipaggiati con doppia barra regolabile. Ogni set è composto da 3 pezzi.

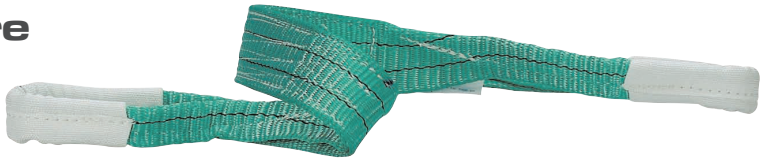
Three point loading system. This skates are supplied in a kit like in the picture. The steerable front skates are provided with an appropriate towing bar. The rear ones are equipped with two adjustable tie rods. Each set includes 3 pieces.



PRFT 12

Articolo Article	Codice Code	Portata Kg Capacity Kg	Num. ruote Rollers num.	Sup. d'appoggio mm Load area skate mm	Escursione barre post. Adj. range rear skates mm	Altezza mm Height mm	Peso Kg Weight Kg	
PRFT 6	226790	6000	4 front - 8 rear	185x150 front - 300x250 rear	500 - 1400	115	45,0	1
PRFT 12	226806	12000	8 front - 8 rear	400x220 front - 300x250 rear	500 - 1400	115	80,0	1
PRFT 24	226813	24000	8 front - 8 rear	400x220 front - 300x250 rear	500 - 1400	115	131,0	1

FS Nastri in poliestere
DOPPIA ASOLA



Polyester slings

Articolo Article	Codice Code	Lunghezza x Larghezza mm Length x Width mm	Colore fascia Sling colour	Portata Kg Capacity Kg	Portata Kg Capacity Kg	Portata Kg Capacity Kg	Portata Kg Capacity Kg	Portata Kg Capacity Kg	
FS-VI-1	191753	1000 x 50		1000	2000	1400	800	1000	1
FS-VI-2	191760	2000 x 50		1000	2000	1400	800	1000	1
FS-VI-3	191777	3000 x 50		1000	2000	1400	800	1000	1
FS-VI-4	191784	4000 x 50		1000	2000	1400	800	1000	1
FS-VI-5	191791	5000 x 50		1000	2000	1400	800	1000	1
FS-VI-6	191807	6000 x 50		1000	2000	1400	800	1000	1
FS-VE-2	191814	2000 x 60		2000	4000	2800	1600	2000	1
FS-VE-3	191821	3000 x 60		2000	4000	2800	1600	2000	1
FS-VE-4	191838	4000 x 60		2000	4000	2800	1600	2000	1
FS-VE-5	191845	5000 x 60		2000	4000	2800	1600	2000	1
FS-VE-6	191852	6000 x 60		2000	4000	2800	1600	2000	1
FS-GI-2	191869	2000 x 90		3000	6000	4200	2400	3000	1
FS-GI-3	191876	3000 x 90		3000	6000	4200	2400	3000	1
FS-GI-4	191883	4000 x 90		3000	6000	4200	2400	3000	1
FS-GI-5	191890	5000 x 90		3000	6000	4200	2400	3000	1
FS-GI-6	191906	6000 x 90		3000	6000	4200	2400	3000	1
FS-GR-2	191913	2000 x 120		4000	8000	5600	3200	4000	1
FS-GR-3	191920	3000 x 120		4000	8000	5600	3200	4000	1
FS-GR-4	191937	4000 x 120		4000	8000	5600	3200	4000	1
FS-GR-5	191944	5000 x 120		4000	8000	5600	3200	4000	1
FS-GR-6	191951	6000 x 120		4000	8000	5600	3200	4000	1
FS-GR-8	191968	8000 x 120		4000	8000	5600	3200	4000	1
FS-RO-3	191975	3000 x 150		5000	10000	7000	4000	5000	1
FS-RO-4	191982	4000 x 150		5000	10000	7000	4000	5000	1
FS-RO-5	191999	5000 x 150		5000	10000	7000	4000	5000	1
FS-RO-6	192002	6000 x 150		5000	10000	7000	4000	5000	1
FS-RO-8	192019	8000 x 150		5000	10000	7000	4000	5000	1

*Portate e lunghezza differenti disponibili a richiesta

FSGT Guaine telate anti taglio



Cut resistant webbed covers

Articolo Article	Codice Code	Per fasce larghezza mm For slings width mm	Per fascia tipo For sling type	
FSGT-50	191692	50	VIOLA	1 mt
FSGT-60	191708	60	VERDE	1 mt
FSGT-90	191715	90	GIALLA	1 mt
FSGT-125	191722	125	GRIGIA	1 mt
FSGT-150	191739	150	ROSSA	1 mt

AU 531 Cinghia a cricchetto NEW

Cinghia ancoraggio a cricchetto. Gancio a uncino. Ideali per fermare carichi in sicurezza.
Ratchet lashing. Double J hook. To keep loads secure.





Articolo Article	Codice Code	Portata Kg Capacity Kg	Dimensioni mm/mt Dimensions mm/mt	
AU3514	218269	1000	35 / 4	1
AU3516	218276	1000	35 / 6	1
AU3518	218283	1000	35 / 8	1

AU 502 Cinghia a cricchetto NEW

Cinghia ancoraggio a cricchetto. Gancio a uncino. Ideali per fermare carichi in sicurezza.
Ratchet lashing. Double J hook. To keep loads secure.





Articolo Article	Codice Code	Portata Kg Capacity Kg	Dimensioni mm/mt Dimensions mm/mt	
AU5028,5	218290	2000	50 / 8,5	1
AU5029,5	218276	2000	50 / 9,5	1
AU50210,5	218337	2000	50 / 10,5	1

AU 5025 Cinghia a cricchetto NEW

Cinghia ancoraggio a cricchetto. Gancio a uncino. Ideali per fermare carichi in sicurezza.
Ratchet lashing. Double J hook. To keep loads secure.





Articolo Article	Codice Code	Portata Kg Capacity Kg	Dimensioni mm/mt Dimensions mm/mt	
AU50258,5	218313	2500	50 / 8,5	1
AU50259,5	218320	2500	50 / 9,5	1
AU502510,5	218337	2500	50 / 10,5	1



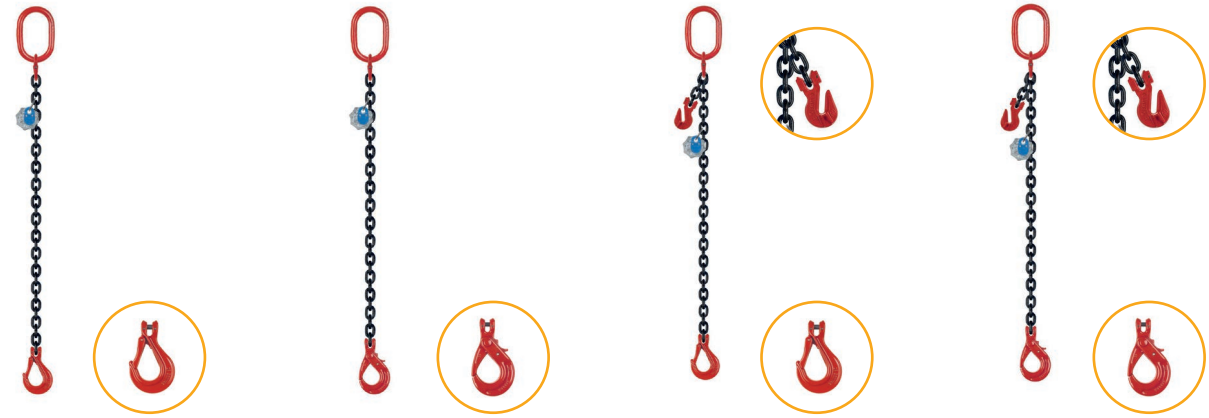


TC Tiranti catena a uno, due, tre o quattro bracci GRADO 80

- Composti da campanella, maglie di giunzione, catena e ganci
- Componibili con accessori a seconda delle necessità
- Disponibili in lunghezza da 0,3 mt in su

- *Composed of masterlink, connecting link, chain and hooks*
- *Modular with accessories as needed*
- *Available in lenght from 0,3 mt upwards*





TC1

TC1SL
Self-locking

TC1A
Accorciatore

TC1ASL
Accorciatore + self-locking

Articolo Article	Diametro catena Ø mm Chain diameter Ø mm	Lunghezza mt Lenght mt	Portata Kg Capacity Kg	
TC16xxSL/A/ASL	6	XX consulta listino	1120	1
TC17xxSL/A/ASL	7	XX consulta listino	1500	1
TC18xxSL/A/ASL	8	XX consulta listino	2000	1
TC110xxSL/A/ASL	10	XX consulta listino	3150	1
TC113xxSL/A/ASL	13	XX consulta listino	5300	1
TC116xxSL/A/ASL	16	XX consulta listino	8000	1
TC120xxSL/A/ASL	20	XX consulta listino	12500	1



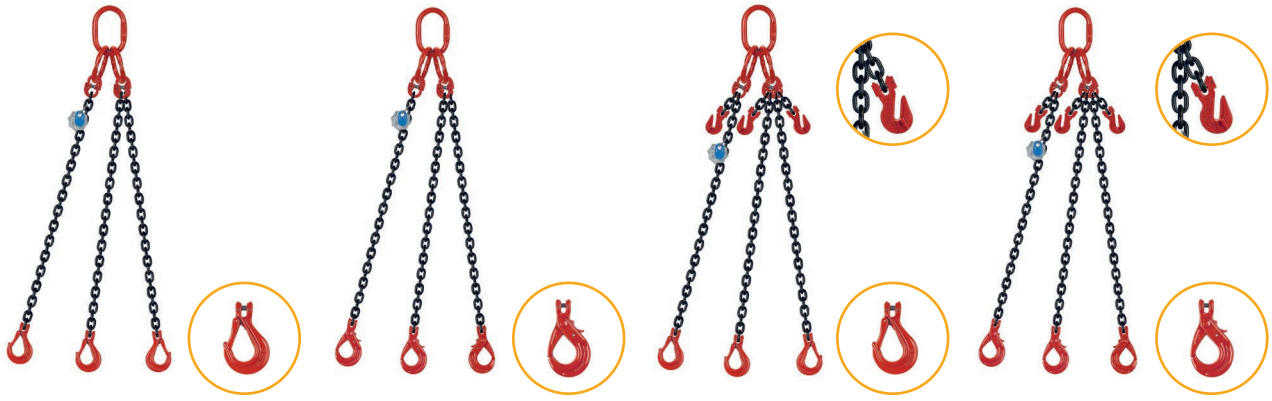
TC2

TC2SL
Self-locking

TC2A
Accorciatore

TC2ASL
Accorciatore + self-locking

Articolo Article	Diametro catena Ø mm Chain diameter Ø mm	Lunghezza mt Lenght mt	Portata Kg Capacity Kg	
TC26xxSL/A/ASL	6	XX consulta listino	1600 - 1120	1
TC27xxSL/A/ASL	7	XX consulta listino	2120 - 1500	1
TC28xxSL/A/ASL	8	XX consulta listino	2800 - 2000	1
TC210xxSL/A/ASL	10	XX consulta listino	4250 - 3150	1
TC213xxSL/A/ASL	13	XX consulta listino	7500 - 5300	1
TC216xxSL/A/ASL	16	XX consulta listino	11200 - 8000	1
TC220xxSL/A/ASL	20	XX consulta listino	17000 - 12500	1



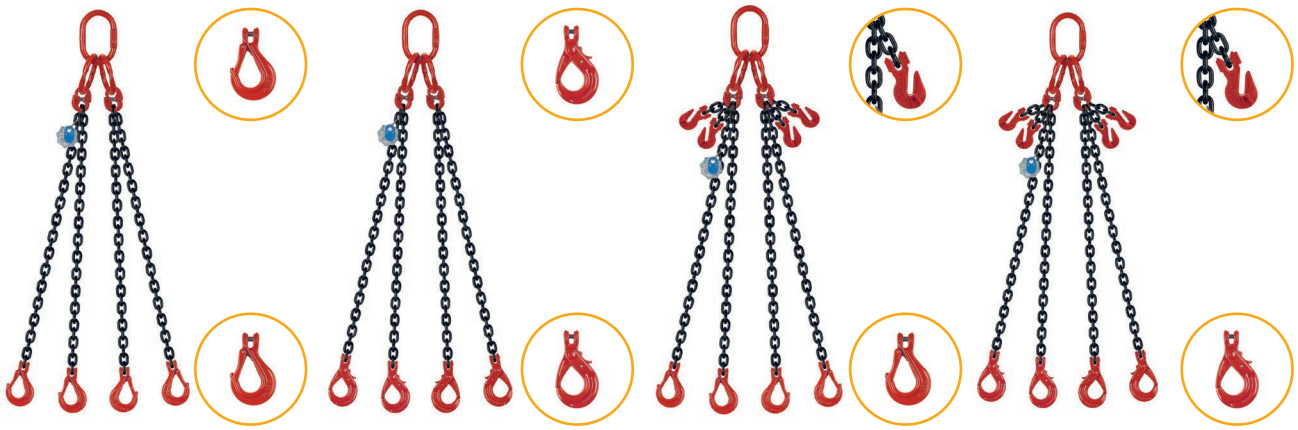
TC3

TC3SL
Self-locking

TC3A
Accorciatore

TC3ASL
Accorciatore + self-locking

Articolo Article	Diametro catena Ø mm Chain diameter Ø mm	Lunghezza mt Lenght mt	Portata Kg Capacity Kg	
TC36xxSL/A/ASL	6	XX consulta listino	2360 - 1700	1
TC37xxSL/A/ASL	7	XX consulta listino	3150 - 2240	1
TC38xxSL/A/ASL	8	XX consulta listino	4250 - 3000	1
TC310xxSL/A/ASL	10	XX consulta listino	6700 - 4750	1
TC313xxSL/A/ASL	13	XX consulta listino	11200 - 8000	1
TC316xxSL/A/ASL	16	XX consulta listino	17000 - 11800	1
TC320xxSL/A/ASL	20	XX consulta listino	26500 - 19000	1



TC4

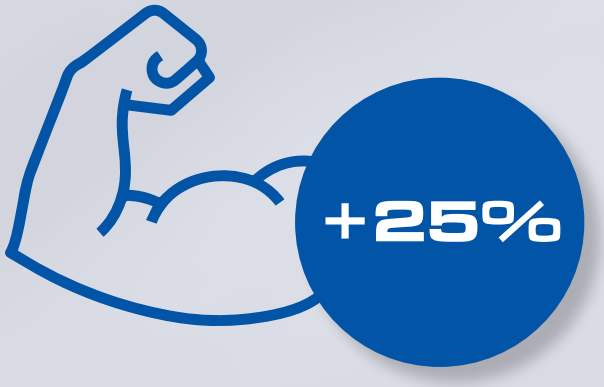
TC4SL
Self-locking

TC4A
Accorciatore

TC4ASL
Accorciatore + self-locking

Articolo Article	Diametro catena Ø mm Chain diameter Ø mm	Lunghezza mt Lenght mt	Portata Kg Capacity Kg	
TC46xxSL/A/ASL	6	XX consulta listino	2360 - 1700	1
TC47xxSL/A/ASL	7	XX consulta listino	3150 - 2240	1
TC48xxSL/A/ASL	8	XX consulta listino	4250 - 3000	1
TC410xxSL/A/ASL	10	XX consulta listino	6700 - 4750	1
TC413xxSL/A/ASL	13	XX consulta listino	11200 - 8000	1
TC416xxSL/A/ASL	16	XX consulta listino	17000 - 11800	1
TC420xxSL/A/ASL	20	XX consulta listino	26500 - 19000	1

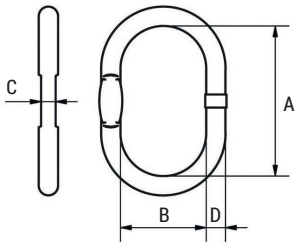
TCX Tiranti catena a uno, due, tre o quattro bracci GRADO 100



Tutta la gamma di tiranti in catena standard e fuori misura, è sempre disponibile anche in **'grado 100' con il 25% in più di portata nominale, a parità di Ø diametro catena,** rispetto al 'grado 80'.

CA

Campanella
Master link

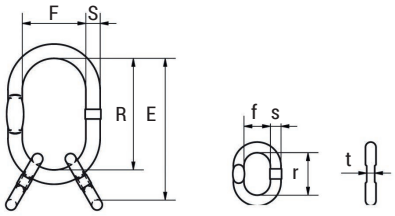




Articolo Article	Codice Code	Portata Kg Capacity Kg	Dimensioni mm - *Dimensions mm* D	A	B	C	Peso Kg Weight Kg	
CA 13	221597	**1600**	13	110	60	7	0.34	1
CA 16	221603	**2120**	16	110	60	7	0.54	1
CA 18	221610	**3150**	18	135	75	8	0.82	1
CA 22	221627	**5300**	22	160	90	11	1,5	1
CA 26	219358	**8000**	26	180	100	13	2,32	1
CA 32	225069	**11200**	32	200	110	17	3,9	1
CA 36	225076	**14000**	36	260	140	19	6,3	1
CA 40	225083	**17000**	40	300	160	20	8,9	1
CA 45	225090	**21200**	45	340	180	-	12,8	1

CAD NEW

Campanella complessa
Master link assembly

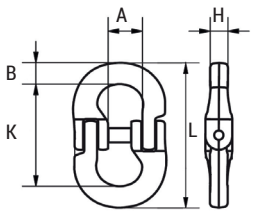




Articolo Article	Codice Code	Catena Chain	Portata Kg Capacity Kg	Dimensioni mm - *Dimensions mm* S	R	F	E	s	r	f	t	Peso Kg Weight Kg	
CAD 6	223072	**6**	**2360**	19	135	75	195	13	60	38	8	1,35	1
CAD 7/8	225106	**7-8**	**4250**	23	160	90	230	16	70	34	8	2,32	1
CAD 10	225113	**10**	**6700**	27	180	100	265	18	85	40	11,5	3,58	1
CAD 13	225120	**13**	**11200**	33	200	110	315	23	115	50	14	6,57	1
CAD 16	225137	**16**	**17000**	36	260	140	400	27	140	65	18	10,3	1
CAD 20	225144	**20**	**26500**	45	340	180	490	33	150	70	-	19,3	1
CAD 22	225151	**22**	**31500**	50	350	190	520	36	170	75	-	25,1	1

MG NEW

Maglia di giunzione
Connecting link

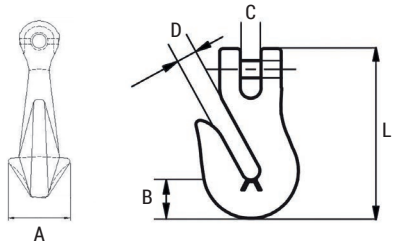




Articolo Article	Codice Code	Catena Chain	Portata Kg Capacity Kg	Dimensioni mm - *Dimensions mm* A	B	H	K	L	Peso Kg Weight Kg	
MG 6	225168	**6**	**1120**	15	7,5	7	42	58	0,08	1
MG 7/8	216425	**7-8**	**2000**	18,5	9,5	8,5	60,5	79,5	0,14	1
MG 10	216432	**10**	**3150**	25	12	11,5	68	90,5	0,3	1
MG 13	225175	**13**	**5300**	25	15	15	87	117	0,7	1
MG 16	225182	**16**	**8000**	34,5	19,8	19,8	108,4	148	1,3	1
MG 18	225199	**18**	**10000**	41	24	24	121,5	169,5	2,1	1
MG 20	217200	**20**	**12500**	41	24	24	121,5	169,5	2,1	1

GACP NEW

Gancio accorciatore a perno
Clevis grab shortening hook

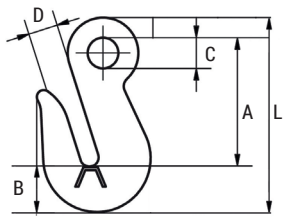




Articolo Article	Codice Code	Catena Chain	Portata Kg Capacity Kg	Dimensioni mm - *Dimensions mm* A	B	C	D	L	Peso Kg Weight Kg	
GACP 6	225205	6	1120	26,7	17,7	8	8,3	75	0,25	1
GACP 7/8	225212	7-8	2000	33,5	18,5	9,5	11	89	0,32	1
GACP 10	225229	10	3150	46	29	12,5	13	126	0,75	1
GACP 13	225236	13	5300	57,5	42,5	15	16,5	163,5	1,6	1
GACP 16	225243	16	8000	74	45,5	18,5	19	183,5	2,8	1
GACP 18/20	225250	18-20	12500	74	56	23	24	219	5,0	1

GAC

Gancio accorciatore a perno ad occhio
Eye grab hook

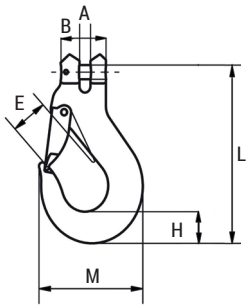




Articolo Article	Codice Code	Catena Chain	Portata Kg Capacity Kg	Dimensioni mm - *Dimensions mm* A	B	C	D	L	Peso Kg Weight Kg	
GAC 6	223126	6	1120	51,4	17,9	13,5	8	75,3	0,14	1
GAC 7/8	225267	7-8	2000	61,5	20	18	10,8	91,2	0,24	1
GAC 10	223133	10	3150	80,	29	20	13	122	0,65	1
GAC 13	225274	13	5300	99,7	42,8	26	16,5	158	1,4	1
GAC 16	225281	16	8000	104	47,7	30,5	20	169	2,2	1
GAC 18/20	225298	18-20	12500	140	56	37,5	25	219	4,6	1

GPS NEW

Gancio a perno con sicurezza
Clevis chain hook



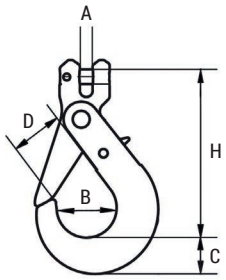


Articolo Article	Codice Code	Catena Chain	Portata Kg Capacity Kg	Dimensioni mm - *Dimensions mm* A	B	E	H	M	L	Peso Kg Weight Kg	
GPS 6	225304	6	1120	7,5	32	19,5	20	68	108	0,32	1
GPS 7/8	223171	7-8	2000	9,5	38,5	24	25	85,5	131	0,5	1
GPS 10	223188	10	3150	13	48	28	36	106	163,5	1,0	1
GPS 13	225311	13	5300	16,5	55	34,5	41,6	130	196	2,0	1
GPS 16	225328	16	8000	18,5	65,5	43	46,2	155,5	236	3,7	1
GPS 18/20	225335	18-20	12500	24	92	51,5	51	180	281	6,0	1

GPSL NEW

Gancio a perno self-locking

Clevis self-locking hook



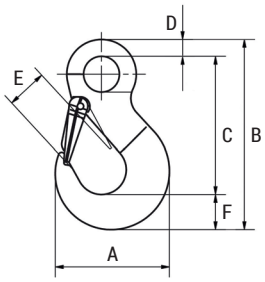


Articolo Article	Codice Code	Catena Chain	Portata Kg Capacity Kg	Dimensioni mm - *Dimensions mm* A	B	C	D	H	Peso Kg Weight Kg	
GPSL 6	223089	6	1120	8,5	34	19,5	29	95,5	0,5	1
GPSL 7/8	216449	7-8	2000	9,5	46	24	34	121	0,8	1
GPSL 10	225342	10	3150	12	56	30	44	146	1,5	1
GPSL 13	225359	13	5300	15	69	40	52	182	3,2	1
GPSL 16	225366	16	8000	18	86	50,5	60	218	5,7	1
GPSL 18/20	225373	18-20	12500	25	100	55	83	240	8,5	1

GOS NEW

Gancio ad occhio con sicurezza

Eye sling hook



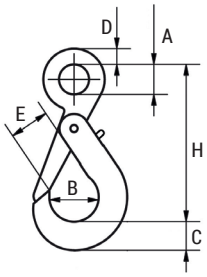


Articolo Article	Codice Code	Catena Chain	Portata Kg Capacity Kg	Dimensioni mm - *Dimensions mm* A	B	C	D	E	F	Peso Kg Weight Kg	
GOS 6	223140	6	1120	73	110	80	11	22	19	0,3	1
GOS 7/8	223157	7-8	2000	93	140,5	103	12,5	25	25	0,65	1
GOS 10	223164	10	3150	100	162	118	16	27,5	28	0,9	1
GOS 13	225380	13	5300	127	201	145	21	33	35	2,0	1
GOS 16	225397	16	8000	164,5	256	180	31	40	45	3,7	1
GOS 18/20	225403	18-20	12500	192	317	230	30	51	57	6,8	1

GOSL NEW

Gancio ad occhio self-locking

Eye self-locking hook

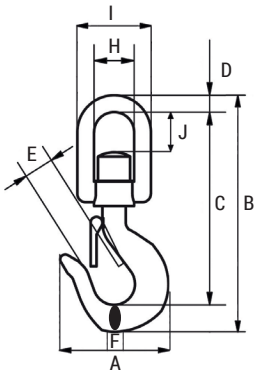




Articolo Article	Codice Code	Catena Chain	Portata Kg Capacity Kg	Dimensioni mm - *Dimensions mm* A	B	C	D	E	H	Peso Kg Weight Kg	
GOSL 6	223096	6	1120	22	34	19,5	10	28	110,5	0,5	1
GOSL 7/8	225410	7-8	2000	25	46	24	12	34	136	0,8	1
GOSL 10	225427	10	3150	32	56	30	15	44	171	1,5	1
GOSL 13	225434	13	5300	40,5	69	40	19,5	52	208,5	3,2	1
GOSL 16	225441	16	8000	56	86	50,5	22	60	257,5	5,7	1
GOSL 18/20	225458	18-20	12500	64,5	100	55	27	81	275	8,5	1

GGS

Gancio girevole con sicurezza
Swivel chain hook

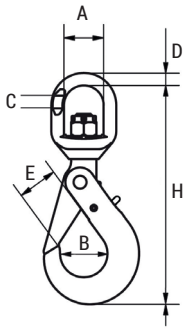




Articolo Article	Codice Code	Catena Chain	Portata Kg Capacity Kg	Dimensioni mm - *Dimensions mm* A	B	C	D	E	F	H	I	J	Peso Kg Weight Kg	
GGS 6	216395	6	1120	71,5	140	112	9	22	16	32	50	26	0,35	1
GGS 7/8	216401	7-8	2000	91	192	150	15,8	22	21	44	76	39	1,0	1
GGS 10	216579	10	3150	104	208,5	162,5	15,8	26	23	44	76	39	1,2	1
GGS 13	216609	13	5300	125,7	246	191	18	35	31	50	86	44	2,2	1
GGS 16	225465	16	8000	164,5	313	243,5	25	43	34	64	114	60	4,5	1
GGS 18/20	225475	18-20	12500	186	363,5	276,5	28,5	49,5	41,5	70	128	64	7,4	1
GGS 22	225489	22	15000	223	431	332	32	54,5	55,7	79	143	67	10,6	1
GGS 26	225496	26	21400	262	545,5	429,5	40	81	70	105	185	90	21,4	1

GGSL NEW

Gancio girevole self-locking
Self-locking swivel hook





Articolo Article	Codice Code	Catena Chain	Portata Kg Capacity Kg	Dimensioni mm - *Dimensions mm* A	B	C	D	E	H	Peso Kg Weight Kg	
GGSL 6	225502	6	1120	32,5	34	22	11,2	29	170	0,5	1
GGSL 7/8	225519	7-8	2000	35,5	46	26	12,5	34	210	0,8	1
GGSL 10	225526	10	3150	42	56	34	15	44	247	1,5	1
GGSL 13	225533	13	5300	50	69	38,5	16	52	302	3,2	1
GGSL 16	225540	16	8000	61	86	55	21,5	60	383	5,7	1
GGSL 18/20	225557	18-20	12500	72	100	61	26	83	418	8,5	1

SGP



Articolo Article	Codice Code	Catena Chain	
SGP 6	223201	6	5
SGP 7	227414	7	5
SGP 10	227421	10	5
SGP 13	227438	13	5
SGP 16	227445	16	5
SGP 18-20	227452	18-20	5

Kit sicure gancio perno

SGO



Articolo Article	Codice Code	Catena Chain	
SGO 6	223195	6	5
SGO 7	227360	7	5
SGO 10	227377	10	5
SGO 13	227384	13	5
SGO 16	227391	16	5
SGO 18-20	227407	18-20	5

Kit sicure gancio occhio

SGG



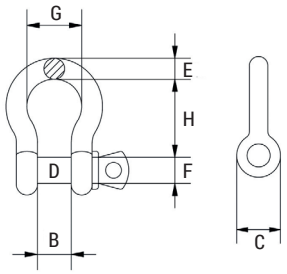
Articolo Article	Codice Code	Catena Chain	
SGG 6	223041	6	5
SGG 7	223058	7	5
SGG 10	223065	10	5
SGG 13	227469	13	5
SGG 16	227476	16	5
SGP 18-20	227483	18-20	5

Kit sicure gancio girevole

GRI NEW

Grillo omega perno a vite

Bow shackle screw pin



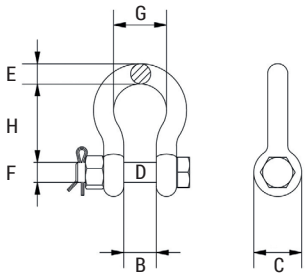


Articolo Article	Codice Code	Portata Kg Capacity Kg	Misura Size	Dimensioni mm - *Dimensions mm*							Peso Kg Weight Kg	
				B	C	D	E	F	G	H		
GRI 0,33	222631	330	3/16	9,5	14	6	5	1/4	16	22	0,03	1
GRI 0,5	222648	500	1/4	12	17	8	6,4	5/16	20	28,5	0,05	1
GRI 0,75	222655	750	5/16	13,5	21	10	8	3/8	21	31	0,09	1
GRI 1	216968	1000	3/8	17	24,5	11	9,6	7/16	26	37	0,15	1
GRI 1,5	222622	1500	7/16	19	27	13	11,1	1/2	29	43	0,21	1
GRI 2	216944	2000	1/2	21	32	16	12,7	5/8	33	48	0,33	1
GRI 3,25	222647	3250	5/8	27	40	19	15,8	3/4	43	60	0,65	1
GRI 4,75	216951	4750	3/4	32	48	22	19	7/8	51	71	1,07	1
GRI 6,5	219433	6500	7/8	37	54	25	22,2	1	58	84	1,65	1
GRI 8,5	216814	8500	1	43	60	28	25	1.1/8	68	95	2,32	1
GRI 9,5	225601	9500	1.1/8	46	66	32	28	1.1/4	74	108	3,35	1
GRI 12	225618	12000	1.1/4	51	76	35	32	1.3/8	82	119	4,8	1
GRI 13,5	225625	13500	1.3/8	57	84	38	36	1.1/2	90	132	6,0	1
GRI 17	225632	17000	1.1/2	60	92	41,3	38	1.5/8	98	146	8,2	1
GRI 25	225649	25000	1.3/4	73	105	51	45	2	127	178	11,6	1
GRI 35	225656	35000	2	82,5	127	57,5	51	2.1/4	146	197	20,7	1
GRI 55	225663	55000	2.1/2	105	152	70	63	2.3/4	184	267	37,6	1

GRIS NEW

Grillo omega dado e coppiglia

Bow shackle safety bolt

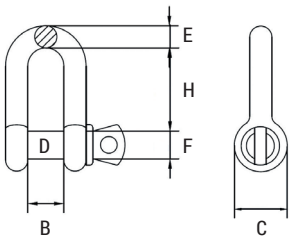




Articolo Article	Codice Code	Portata Kg Capacity Kg	Misura Size	Dimensioni mm - *Dimensions mm*							Peso Kg Weight Kg	
				B	C	D	E	F	G	H		
GRIS 0,33	222839	330	3/16	10	14	6	5	1/4	16	22	0,04	1
GRIS 0,5	222846	500	1/4	13	17	8	6,4	5/16	20	28,5	0,07	1
GRIS 0,75	222853	750	5/16	14	21	10	8	3/8	21	31	0,13	1
GRIS 1	222860	1000	3/8	17	24,5	11	9,6	7/16	26	37	0,17	1
GRIS 1,5	218351	1500	7/16	19	27	13	11,1	1/2	29	43	0,25	1
GRIS 2	218368	2000	1/2	21	32	16	12,7	5/8	33	48	0,39	1
GRIS 3,25	220583	3250	5/8	27	40	19	15,8	3/4	43	60	0,75	1
GRIS 4,75	222877	4750	3/4	32	48	22	19	7/8	51	71	1,23	1
GRIS 6,5	216623	6500	7/8	37	54	25	22,2	1	58	84	1,8	1
GRIS 8,5	221825	8500	1	43	60	28	25	1.1/8	68	95	2,72	1
GRIS 9,5	221832	9500	1.1/8	46	66	32	28	1.1/4	74	108	3,8	1
GRIS 12	216593	12000	1.1/4	51	76	35	32	1.3/8	82	119	5,5	1
GRIS 13,5	225564	13500	1.3/8	57	84	38	36	1.1/2	90	132	6,2	1
GRIS 17	216630	17000	1.1/2	60	92	41,3	38	1.5/8	98	146	7,5	1
GRIS 25	224062	25000	1.3/4	73	105	51	45	2	127	178	11,60	1
GRIS 35	222372	35000	2	82,5	127	57,5	51	2.1/4	146	197	20,7	1
GRIS 55	225571	55000	2.1/2	105	152	70	63	2.3/4	184	267	42,3	1
GRIS 85	225588	85000	3	127	165	82	76	3.1/4	200	330	65,3	1

GRID NEW

Grillo dritto perno a vite
"D" shackle screw pin

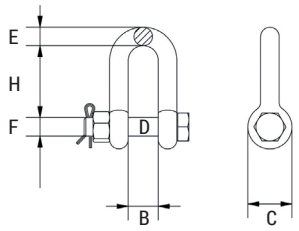




Articolo Article	Codice Code	Portata Kg Capacity Kg	Misura Size	Dimensioni mm - *Dimensions mm* B	C	D	E	F	H	Peso Kg Weight Kg	
GRID 0,33	222884	330	3/16	9,5	14	6	5	1/4	27	0,02	1
GRID 0,5	222891	500	1/4	12	16	8	6,4	5/16	22	0,05	1
GRID 0,75	222907	750	5/16	13,5	19	10	8	3/8	26	0,08	1
GRID 1	225670	1000	3/8	17	23	11	9,6	7/16	32	0,13	1
GRID 1,5	222914	1500	7/16	19	27	13	11,1	1/2	37	0,2	1
GRID 2	219129	2000	1/2	21	32	16	12,7	5/8	41,5	0,27	1
GRID 3,25	219136	3250	5/8	27	40	19	15,8	3/4	51	0,57	1
GRID 4,75	222945	4750	3/4	32	48	22	19	7/8	60,5	1,2	1
GRDI 6,5	219143	6500	7/8	37	54	25	22,2	1	71,5	1,4	1
GRID 8,5	225687	8500	1	43	60	28	25	1.1/8	81	2,15	1
GRID 9,5	225694	9500	1.1/8	46	66	32	28	1.1/4	90	3,0	1
GRID 12	225700	12000	1.1/4	51	76	35	32	1.3/8	100	4,1	1
GRID 13,5	225717	13500	1.3/8	57	84	38	36	1.1/2	111	5,28	1
GRID 17	225724	17000	1.1/2	60	92	41,3	38	1.5/8	122	7,25	1
GRID 25	225731	25000	1.3/4	73	105	51	45	2	146	12,1	1
GRID 35	225748	35000	2	82,5	127	57,5	51	2.1/4	171,5	18,5	1
GRID 55	225755	55000	2.1/2	105	152	70	63	2.3/4	203	38,0	1

GRIDS NEW

Grillo dritto dado e coppiglia
"D" shackle safety bolt



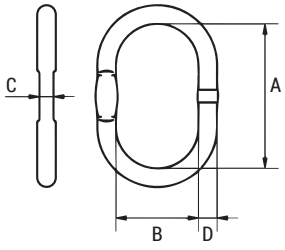


Articolo Article	Codice Code	Portata Kg Capacity Kg	Misura Size	Dimensioni mm - *Dimensions mm* B	C	D	E	F	H	Peso Kg Weight Kg	
GRIDS 0,33	222952	330	3/16	9,5	14	6	5	1/4	22	0,03	1
GRIDS 0,5	222969	500	1/4	12	16	8	6,4	5/16	22	0,05	1
GRIDS 0,75	222976	750	5/16	13,5	19	10	8	3/8	26	0,08	1
GRIDS 1	222983	1000	3/8	17	23	11	9,6	7/16	32	0,13	1
GRIDS 1,5	225762	1500	7/16	19	27	13	11,1	1/2	37	0,2	1
GRIDS 2	225779	2000	1/2	21	32	16	12,7	5/8	41,5	0,36	1
GRIDS 3,25	225786	3250	5/8	27	40	19	15,8	3/4	51	0,73	1
GRIDS 4,75	222990	4750	3/4	32	48	22	19	7/8	60,5	1,2	1
GRIDS 6,5	225793	6500	7/8	37	54	25	22,2	1	71,5	1,6	1
GRIDS 8,5	225809	8500	1	43	60	28	25	1.1/8	81	2,4	1
GRIDS 9,5	225816	9500	1.1/8	46	66	32	28	1.1/4	90	3,7	1
GRIDS 12	225823	12000	1.1/4	51	76	35	32	1.3/8	100	5,1	1
GRIDS 13,5	225830	13500	1.3/8	57	84	38	36	1.1/2	111	7,5	1
GRIDS 17	225847	17000	1.1/2	60	92	41,3	38	1.5/8	122	10,0	1
GRIDS 25	225854	25000	1.3/4	73	105	51	45	2	146	13,2	1
GRIDS 35	225861	35000	2	82,5	127	57,5	51	2.1/4	171,5	19,1	1
GRIDS 55	225878	55000	2.1/2	105	152	70	63	2.3/4	203	38,0	1
GRIDS 85	225885	85000	3	127	165	82	76	3.1/4	216	55,3	1

CAX NEW

Campanella **grado 100.**

*Master link **grade 100.***



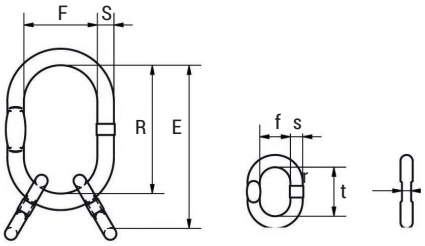


Articolo Article	Codice Code	Portata Kg Capacity Kg	Dimensioni mm - *Dimensions mm* D	A	B	C	Peso Kg Weight Kg	
CAX 13	225892	**2300**	13	110	60	7	0,34	1
CAX 16	223218	**3500**	16	110	60	7	0,54	1
CAX 18	225908	**5000**	18	135	75	8	0,83	1
CAX 22	225915	**7600**	22	160	90	11	1,5	1
CAX 26	225922	**10000**	26	180	100	13	2,3	1
CAX 34	225939	**17000**	34	240	140	34	5,2	1
CAX 36	225946	**25100**	36	260	140	36	6,3	1

CADX NEW

Campanella complessa **grado 100.**

*Master link assembly **grade 100.***



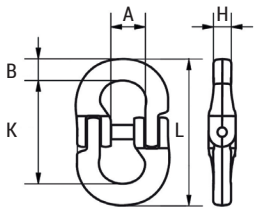


Articolo Article	Codice Code	Catena Chain	Portata Kg Capacity Kg	Dimensioni mm - *Dimensions mm* S	R	F	E	s	r	f	t	Peso Kg Weight Kg	
CADX 6	225953	**6**	**3000**	19	135	75	195	13	60	38	8	1,35	1
CADX 7/8	225960	**7-8**	**5300**	23	160	90	230	16	70	34	8	2,32	1
CADX 10	225977	**10**	**8000**	27	180	100	265	18	85	40	11,5	3,58	1
CADX 13	225984	**13**	**14000**	33	200	110	315	23	115	50	14	6,57	1
CADX 16	225991	**16**	**21200**	36	260	140	400	27	140	65	18	10,3	1
CADX 20	226004	**20**	**33600**	45	340	180	490	33	150	70	-	19,3	1
CADX 22	226011	**22**	**39900**	50	350	190	520	36	170	75	-	25,1	1

MGX NEW

Maglia di giunzione **grado 100.**

*Connecting link **grade 100.***



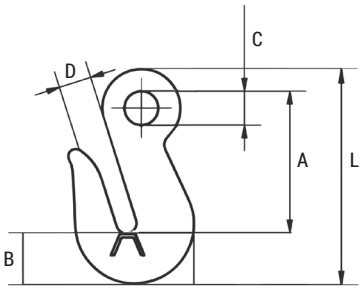


Articolo Article	Codice Code	Catena Chain	Portata Kg Capacity Kg	Dimensioni mm - *Dimensions mm* A	B	H	K	L	Peso Kg Weight Kg	
MGX 6	226028	**6**	**1400**	15	7,5	7	42	58	0,08	1
MGX 7/8	226035	**7-8**	**2500**	18,5	9,5	8,5	60,5	79,5	0,14	1
MGX 10	226042	**10**	**4000**	25	12	11,5	68	90,5	0,3	1
MGX 13	226059	**13**	**6700**	25	15	15	87	117	0,7	1
MGX 16	226066	**16**	**10000**	34,5	19,8	19,8	108,4	148	1,3	1
MGX 18	226073	**18**	**12500**	41	24	24	121,5	169,5	2,1	1
MGX 20	226080	**20**	**16000**	41	24	24	121,5	169,5	2,1	1

GACX NEW

Gancio accorciatore ad occhio **grado 100.**

*Eye grab hook **grade 100.***



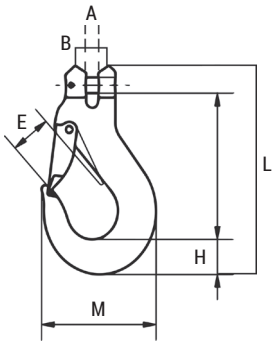


Articolo Article	Codice Code	Catena Chain	Portata Kg Capacity Kg	Dimensioni mm - *Dimensions mm* A	B	C	D	L	Peso Kg Weight Kg	
GACX 6	226097	6	1400	51,4	17,9	13,5	8	75,3	0,14	1
GACX 7/8	226103	7-8	2500	61,5	20	18	10,8	91,2	0,24	1
GACX 10	226110	10	4000	80	29	20	13	122	0,65	1
GACX 13	226127	13	6700	99,7	42,8	26	16,5	158	1,4	1
GACX 16	226134	16	10000	104	47,7	30,5	20	169	2,2	1
GACX 18/20	226141	18-20	16000	140	56	37,5	25	219	4,6	1

GPSX NEW

Gancio a perno con sicurezza **grado 100.**

*Clevis chain hook **grade 100.***



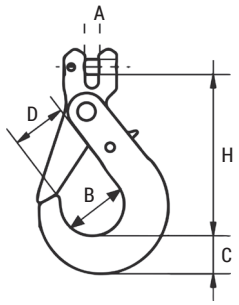


Articolo Article	Codice Code	Catena Chain	Portata Kg Capacity Kg	Dimensioni mm - *Dimensions mm* A	B	E	H	M	L	Peso Kg Weight Kg	
GPSX 6	226158	6	1400	7,5	32	18,5	21	68,5	109	0,32	1
GPSX 7/8	226165	7-8	2500	9,5	37	25	27,5	88	134	0,5	1
GPSX 10	226172	10	4000	12	48	28	33,5	105,5	161,5	1,0	1
GPSX 13	226189	13	6700	15	59	38	42	134	203	2,0	1
GPSX 16	226196	16	10000	17,5	70	44	50	160,5	248	3,7	1
GPSX 18/20	226202	18-20	16000	25	85	52	56	190	297	6,0	1

GPSLX NEW

Gancio a perno self-locking **grado 100.**

*Clevis self-locking hook **grade 100.***



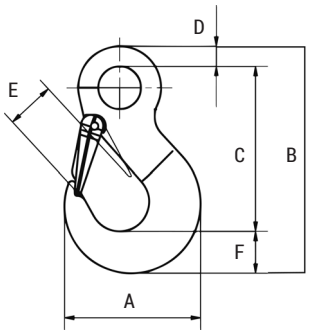


Articolo Article	Codice Code	Catena Chain	Portata Kg Capacity Kg	Dimensioni mm - *Dimensions mm* A	B	C	D	H	Peso Kg Weight Kg	
GPSLX 6	226219	6	1400	8,5	34	19,5	29	95,5	0,5	1
GPSLX 7/8	226226	7-8	2500	9,5	46	24	34	121	0,8	1
GPSLX 10	226233	10	4000	12	56	30	44	146	1,5	1
GPSLX 13	226240	13	6700	15	69	40	52	182	3,2	1
GPSLX 16	226257	16	10000	18	86	50,5	60	218	5,7	1
GPSLX 18/20	226264	18-20	16000	25	100	55	83	240	8,5	1

GOSX NEW

Gancio ad occhio con sicurezza **grado 100.**

*Eye sling hook **grade 100.***



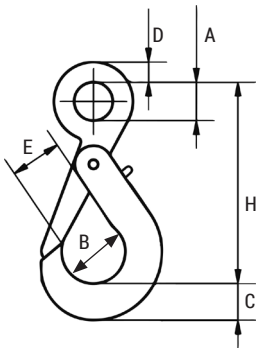


Articolo Article	Codice Code	Catena Chain	Portata Kg Capacity Kg	Dimensioni mm - *Dimensions mm* A	B	C	D	E	F	Peso Kg Weight Kg	
GOSX 6	226271	**6**	**1400**	73	110	80	11	22	19	0,3	1
GOSX 7/8	226288	**7-8**	**2500**	93	140,5	103	12,5	25	25	0,65	1
GOSX 10	226295	**10**	**4000**	100	162	118	16	27,5	28	0,9	1
GOSX 13	226301	**13**	**6700**	127	201	145	21	33	35	2,0	1
GOSX 16	226318	**16**	**10000**	164,5	256	180	31	40	45	3,7	1
GOSX 18/20	226325	**18-20**	**16000**	192	317	230	30	51	57	6,8	1

GOSLX NEW

Gancio ad occhio self-locking **grado 100.**

*Eye self-locking hook **grade 100.***



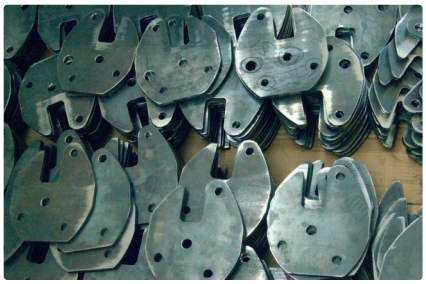


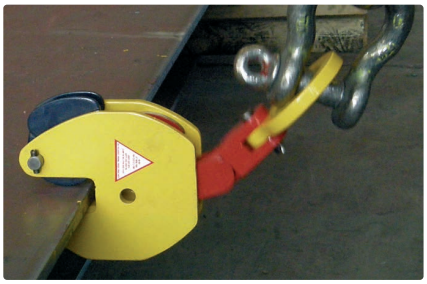
Articolo Article	Codice Code	Catena Chain	Portata Kg Capacity Kg	Dimensioni mm - *Dimensions mm* A	B	C	D	E	H	Peso Kg Weight Kg	
GOSLX 6	226332	**6**	**1400**	22	34	19,5	10	28	110,5	0,5	1
GOSLX 7/8	226349	**7-8**	**2500**	25	46	24	12	34	136	0,8	1
GOSLX 10	226356	**10**	**4000**	32	56	30	15	44	171	1,5	1
GOSLX 13	226363	**13**	**6700**	40,5	69	40	19,5	52	208,5	3,2	1
GOSLX 16	226370	**16**	**10000**	56	86	50,5	22	60	257,5	5,7	1
GOSLX 18/20	226387	**20**	**16000**	64,5	100	55	27	81	275	8,5	1








CRANE SCALE
567






PORTATA 500 KG
P500 13 KG











CE

Avvertenze

- Costruite con le migliori qualità di acciaio ad alta resistenza.
- Tutte le componenti dell'attrezzo fanno parte dei nostri pezzi di ricambio.
- Non attendere l'usura delle parti di ricambio n. 3 e n. 6 per sostituirle.
- Nel sollevamento verticale è sconsigliabile prendere più di una lamiera per volta.
- Attenersi scrupolosamente alla portata dichiarata. Non sovraccaricare l'attrezzo!
- Tutti i materiali di sollevamento devono essere comunque sottoposti a verifiche, la cui frequenza dipende dal tipo di impiego e che comunque devono essere eseguite almeno trimestralmente.

Notes

- *Made by the finest high impact alloy and tool steels.*
- *All spare parts available.*
- *Do not wait till the wear out of spare parts n° 3 and n° 6. Substitute them before.*
- *In vertical lifting it is not advisable to keep more than one plate at a time.*
- *Carefully observe the stated lifting capacity. Do not overload the tool!*
- *All the lifting materials must be subject to periodical inspections at least quarterly.*

Totale affidabilità e sicurezza

Ciascuna pinza viene collaudata ad un carico doppio rispetto al carico di lavoro dichiarato con conseguente certifica.

Total liability and safety

Each clamp is tested twice its working declared factor.

Coefficiente di sicurezza 4:1

Safety factor 4:1

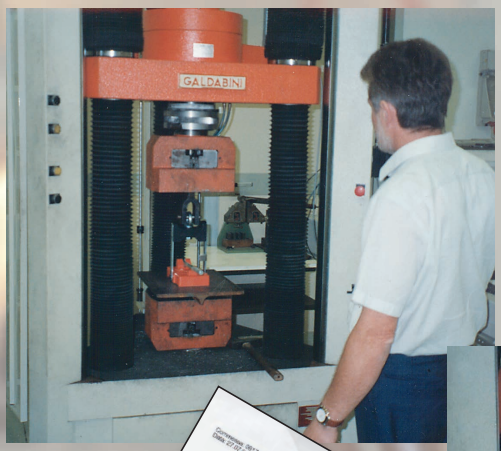


Totale affidabilità e sicurezza

Nel rispetto delle normative vigenti, ogni attrezzo viene sottoposto a prove di trazione e resistenza e quindi collaudato. Viene fornito certificato relativo.

Reliability and safety

Each item is usually tested under dynamometer according to the actual rules and provided with test certificate.



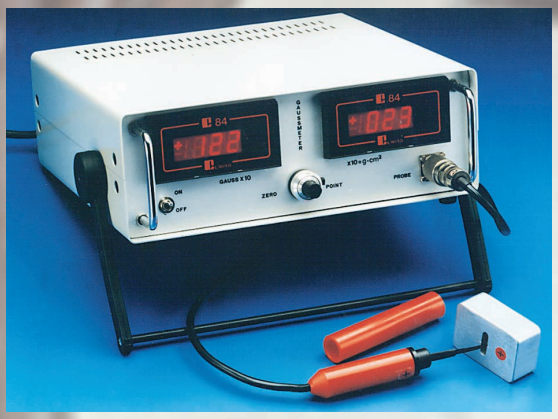


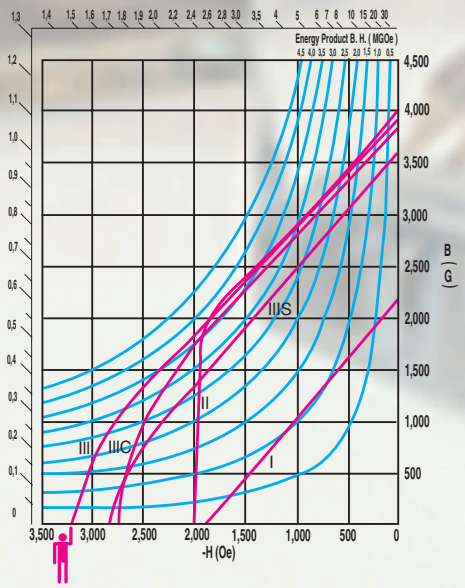




CE

Coefficiente di sicurezza 3:1
Safety factor 3:1





- **I migliori materiali**
- ***Best raw material***

FERRIMAX III = CERAMIC 8

FERRITE	Residual magnetic flux density BR GauSS	B-Coercive force BHC Oersted	I-Coercive force IHC Oersted	Maximum energy product (BH) max Mega Gauss Oersted	Density: g/cm³	Recoil permeability at (BH) max. μr	BR Temperature coefficient Δ Br/Br %/°C	Saturated magnetic field Hs Oersted
FERRIMAX I	2,200±100	1,900±100	3,300±100	1.0±0.1	4.9	1.20	-0.18	8,000
FERRIMAX II	4,000±100	2,000±150	2,100±150	3,80±0.30	5.0	1.10	-0.18	8,000
FERRIMAX III S	3,600±200	2,800±200	3,200±200	2.90±0.30	4.7	1.10	-0.18	8,000
FERRIMAX III C	3,800±200	2,700±200	2,900±200	3.4±0.20	4.8	1.05	-0.18	8,000
FERRIMAX III	3,900±100	3,150±200	3,350±200	3.55±0.20	4.8	1.05	-0.18	8,000

COME UTILIZZARE I NOSTRI SOLLEVATORI MAGNETICI

Importante!

Il magnetismo è permanente e le capacità di sollevamento sono rilevate al dinamometro. I ns. sollevatori magnetici vengono collaudati su un piano di acciaio non legato con superficie rettificata ed un'area maggiore di quella del sollevatore magnetico, senza incrostazioni di laminazione, vernici antiruggine, rugosità, ecc. Tutto ciò per determinare nelle migliori condizioni il momento di stacco delle singole attrezzature. La potenza di attrazione è subordinata quindi alla perfetta manutenzione dell'attrezzo, alle dimensioni delle lamiere e dei blocchi ferrosi, al contenuto di carbonio dei singoli spezzoni, alla presenza di calamina, scorie varie, ecc. Le capacità di sollevamento da noi indicate rispettano il metodo in uso presso i costruttori del settore.

Avvertenze:

- Pulire convenientemente le superfici dei pezzi da sollevare, (se sporchi), prima di applicare l'attrezzo.
- Pulire la piastra magnetica usando stracci o spazzole di saggina (non di ferro).
- La piastra deve aderire perfettamente al piano del pezzo da sollevare. Molto importante è che la stessa non presenti sporgenze o spessori causati da corpi estranei.
- L'area da sollevare deve essere sufficiente per un buon contatto magnetico con l'attrezzo.
- Per ammortizzare lo strappo di partenza del paranco, è consigliabile impiegare un laccio di corda di nylon.
- Prima di operare il sollevamento e il trasporto accertarsi che l'attrezzo sia perfettamente in "presa".
- Lo stacco (nei sollevatori) si ottiene manualmente ed è estremamente dolce, non segna e non altera le superfici con le quali viene a contatto. È sufficiente, per ottenerlo, una leggera pressione manuale.

Ci pare utile inoltre aggiungere che la CMP è sempre a disposizione, pronta a soddisfare nei limiti del possibile le esigenze specifiche che spesso si rendono indispensabili nel caso di applicazioni particolari.

Vantaggi dei sollevatori magnetici CMP

- Si possono sollevare pezzi grossi e pesanti in tutta sicurezza e facilmente senza altro mezzo ausiliario.
- Notevole risparmio di tempo rispetto ai tradizionali metodi di imbracatura con corde o catene.
- I ns. attrezzi magnetici non rovinano le superfici dei pezzi da sollevare come ad esempio accade impiegando corde in acciaio, catene, ecc.
- Maggior sicurezza in quanto i sollevatori magnetici consentono agli operatori di rimanere al di fuori dell'area del pezzo sollevato.
- Uso più efficiente dello spazio disponibile.

Important!

Magnetism is permanent and lifting capacity is read on dynamometer. Our magnetic lifters are tested on a steel unbound ground plane having a larger surface than the magnetic lifter and without any rolling scales, rust preventive paints, roughness etc.
The whole for establishing under the best possible condition detaching point of each individual tool. Attraction power is accordingly subject to a perfect maintenance of tool, to size of plates and ferrous blocks, to contents of carbon of the individual pieces, to the presence of calamine, different slags etc. Lifting capacities as indicated by us correspond to method as applied by the manufactures of the branch.

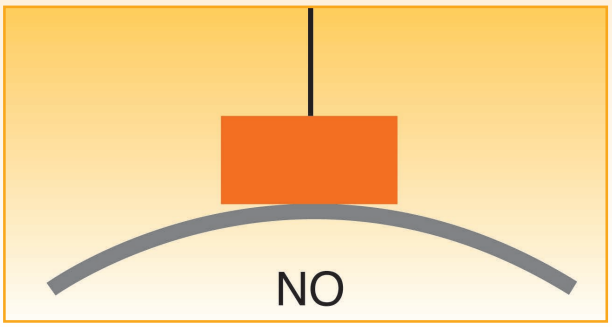
Cautions:

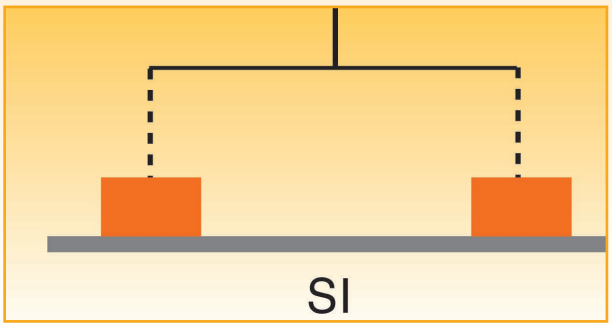
- *Throughly clean surface of pieces to be lifted (if dirty) before applying tool thereon.*
- *Clean magnetic plate using rangs or sorghum brushes (never use iron brushes).*
- *Plate should be perfectly adhering to plane of piece to be lifted. It is very important for the piece not to have any protrusions or thicknesses due to foreign materials.*
- *Area to be lifted should be sufficient for a good magnetic contact with tool.*
- *For damping starting pull of hoist, it is advisable to use a nylon rope sling.*
- *Before starting lifting or shifting of piece, make sure the tool has a perfect "grip" on the former.*
- *Detaching (of lifters) is manually obtained and is extremely smooth, leaves no mark and does not alter surfaces with which it comes into contact. For obtaining the detaching of the tool a light manual pressure is sufficient.*

We may also add that CMP is always at your disposal for solving as far as possible your specific requirements that might arise in case of special appllications.

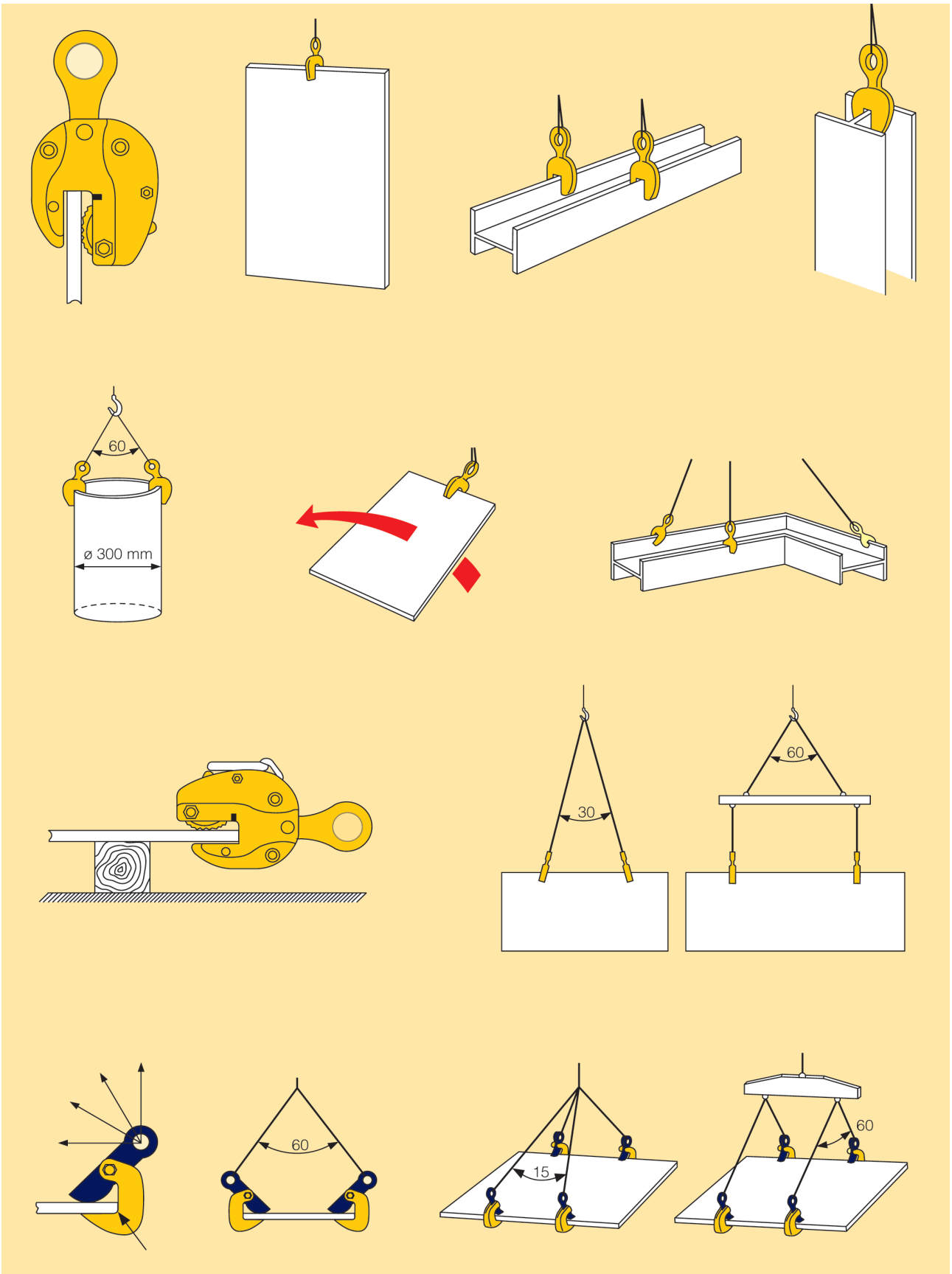
Advantages of CMP magnetic lifters

- *They can lift large and heavy pieces safety and easily without no other auxiliary means.*
- *Sensible time saving with respect to conventional slinging methods with ropes and chains.*
- *Our magnetic tools do not spoil surfaces of pieces to be lifted as on the contrary easily occurs when using steel cables, chains, etc.*
- *Higher safety, for magnetic lifters allow operator to remain outside of lifted piece area.*
- *More efficient use of space available.*

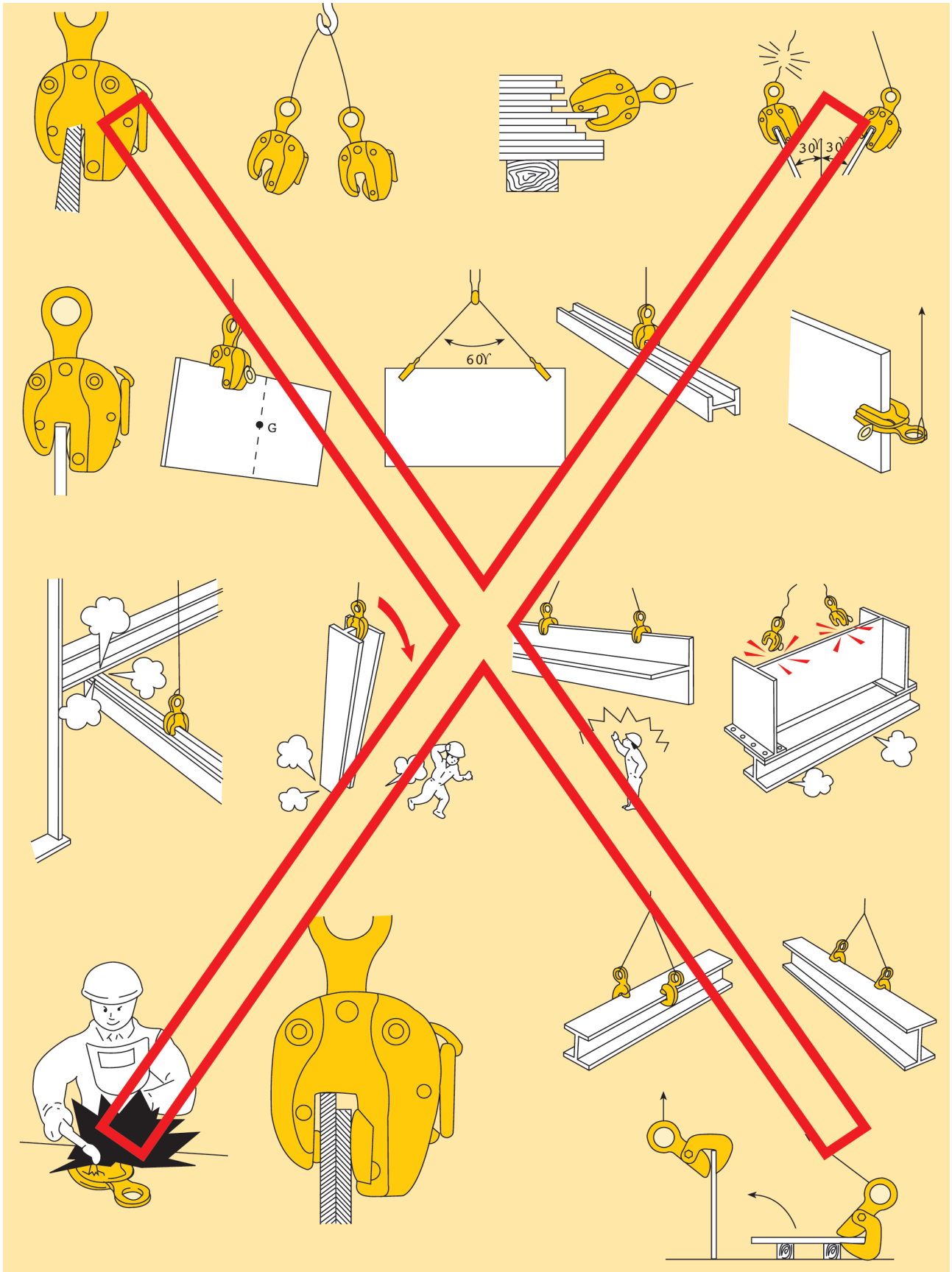




CORRETTO ○ CORRECT



SCORRETTO ✕ WRONG

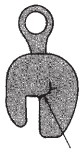


AREE DI ISPEZIONE

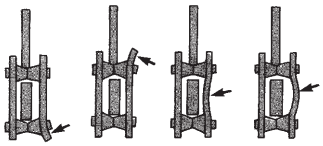
- Controllare il corpo principale se deformato o distorto.
- Assicurarsi che l'imbeccatura sia regolare (controllare se slabbrata).
- Controllare se l'anello di trazione é distorto.
- Controllare il foro del perno dell'anello se usurato.
- Controllare la camme e i denti delle ganasce se difettosi o usurati.
- Controllare il foro del perno per camme se spanato.
- Controllare il perno per camme se usurato e assottigliato.
- Controllare la capacità di tenuta della sicura (leva manuale) e gli altri meccanismi.
- Controllare tutte le componenti. Ispezionarle nel rispetto degli standard di legge.

- *Check the main body for distortion or flave.*
- *Make sane the opening is norma) (check if widened).*
- *Check if the shadde is diMorted.*
- *Check the shackle pin hole for widening.*
- *Check cam and pad teeth for defect or wear.*
- *Check cam pin hole in main body for widening.*
- *Check if cam pin is worn and thinned.*
- *Check the performance of tightening lock (handle, lever), shackle, and other mechanism.*
- *Check all the listed items. Inspect according to the Cheeking Standard.*

Smontare – Disassemble



Incrinatura del corpo principale / *Main body flaw*



Deformazione del corpo principale / *Main body distortion*

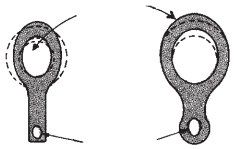


Divaricazione / *Widening*

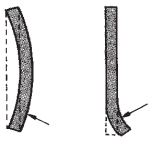
- Smontare la pinza se ci sono evidenti flessioni o deformazioni nel corpo principale.
- Difetti del corpo principale non possono essere riparati.
- Il corpo principale si può rompere o deformare solo dopo molto tempo. se usato impropriamente.
- La distorsione o il rigonfiamento del corpo principale o la troppa apertura avvengano solamente se la pinza è usata in maniera impropria o sovraccaricata.
- Assolutamente vietato intervenire con riparazioni di saldatura, indurimento, pressione. La struttura o la performance iniziale non può essere più ripristinata.
- Se l'uso é corretto, la pinza può essere usata con sicurezza per molto tempo e solo sostituendo le parti di ricambio.

- *Direard the clamp if obvious flave or distortion is found in the main body.*
- *Defects in the main body cannot be repaired.*
- *The main body may be cracked or deformed only alter several uses if is used incorrectly.*
- *Dent or swelling of main body or wideningof opening may be caused by overload or wrong manner of use.*
- *If the defect is repaired by welding, hardening; or pressing the original stregth is not recovered.*
- *When used and controlled correctly, the clampo may be safely used for a long time only by replacing parts.*

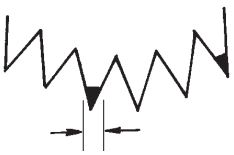
Sostituire - Replace



Allungamento del foro (deformazione)
Elongation of hole deformation)



Distorsione (deformazione)
Distortion (deformation)



Clamping capacity	Wear limit width of cam, pad
0.5 tons	0.6 mm or more
1 tons	0.7 mm or more
2 tons	0.8 mm or more
3 tons	0.9 mm or more
5 tons	1.0 mm or more

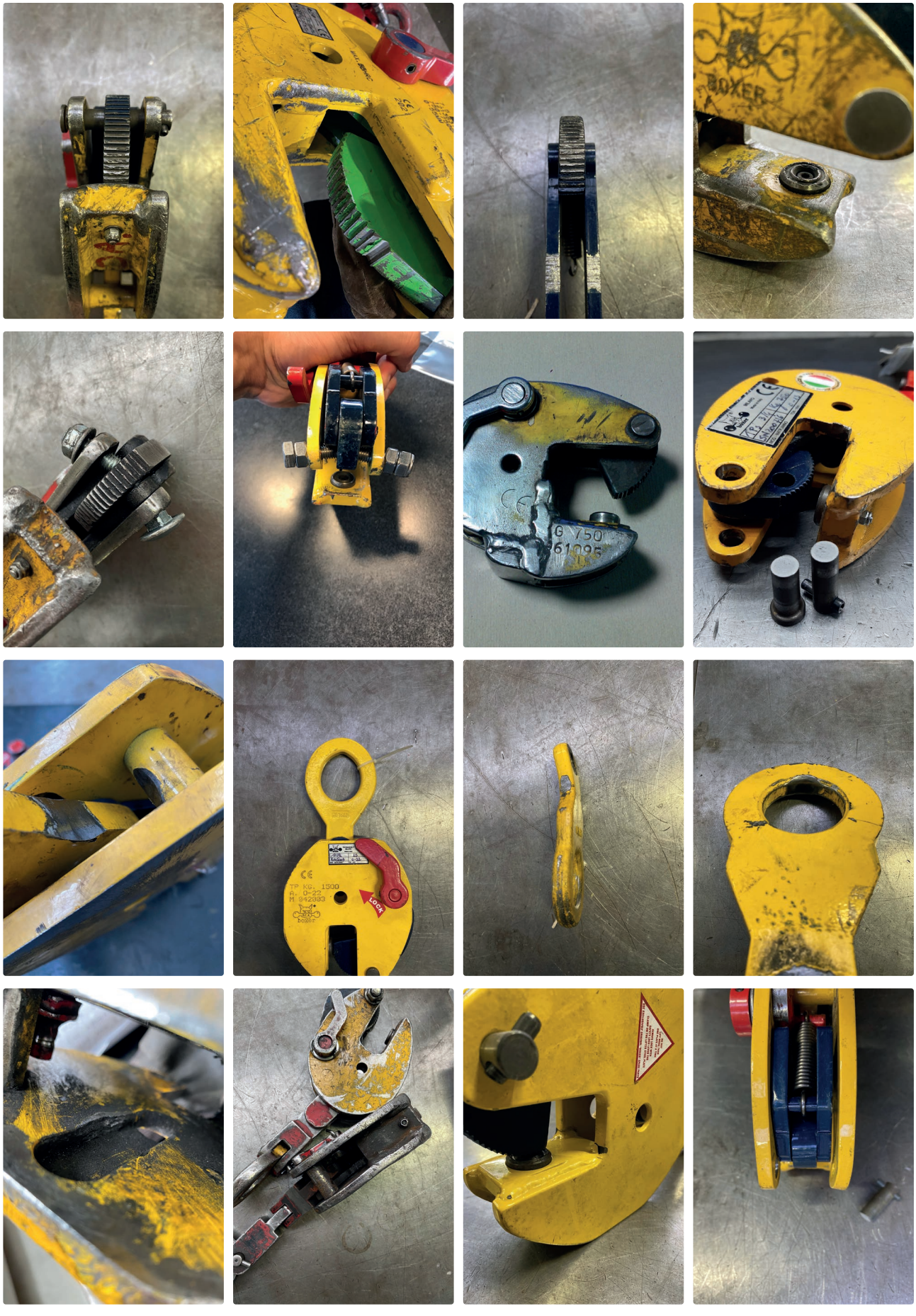
Doppio controllo per una maggiore sicurezza - Check Twice to Confirm Safety

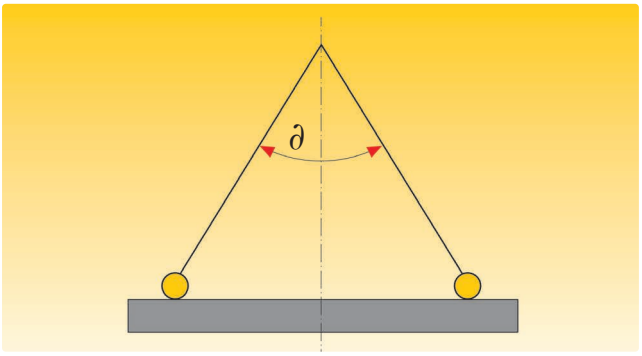
- Se deformato, come illustrato, sostituirlo immediatamente.
- Se viene raddrizzato manualmente, le caratteristiche iniziali non saranno ripristinate.

- *If deformed as shown above, replace it immediately.*
- *If deformed shackle is straightening up, the initial stregth is not restored.*

- Se sono usurate le ganasce, sostituirle immediatamente.
- In caso contrario, anche se mancasse solo un dente, sostituirle immediatamente.
- L'usura dei denti viene accellerata in presenza di lamiere in acciaio inossidabile o altri materiali molto duri.
- Inoltre sostituire la perneria, le molle e altre parti nel rispetto degli standard di legge.

- *When worn as shown above, replace pawe immediately. Or, if not worn, when even one tooth is missing, replace also immediately.*
- *The wear rate is accelerated when stainless steel or other hard material is clamped.*
- *Besides, replace the support pins, bolts, springs, and other parts, according to the Checking Standard.*


BOXER
G 750
61095
TP KG. 1500
LOCK







NORME TECNICHE PER IL SOLLEVAMENTO IN COPPIA

Queste norme vengono applicate laddove per esigenze di tiro le catene formano una angolazione "∂". Vanno considerate le diminuzioni di portata.

Esempio:

∂ 60° = 100% della capacità di sollevamento
∂ 90° = 70% della capacità di sollevamento
∂ 120° = 50% della capacità di sollevamento

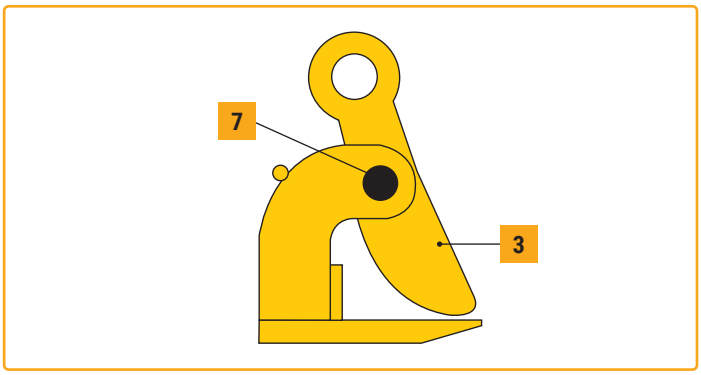
RULES FOR LIFTING IN PAIR

Example:

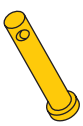
∂ 60° = 100% lifting capacity
∂ 90° = 70% lifting capacity
∂ 120° = 50% lifting capacity

Ricambi per PO

PO spare parts



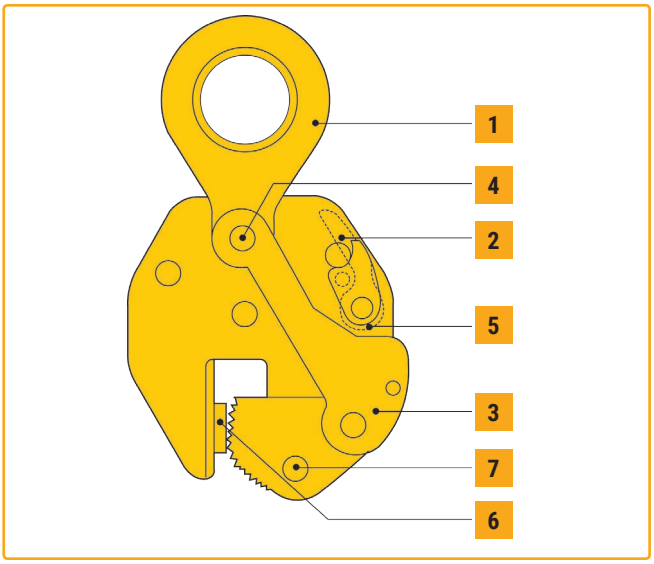
Disegno Drawing	Codice Code	BOXER	Descrizione Description
3 	**196956**	Ganascia dentata mobile per	PO 500
	196963	Ganascia dentata mobile per	PO 1500
	196970	Ganascia dentata mobile per	PO 3000

Disegno Drawing	Codice Code	BOXER	Descrizione Description
7 	**196987**	Perno per	PO 500
	197007	Perno per	PO 1500
	196994	Perno per	PO 3000

Ricambi per TP, TPS

Tabella ricambi

TP/TPS spare parts
Refer to the table for exact part number



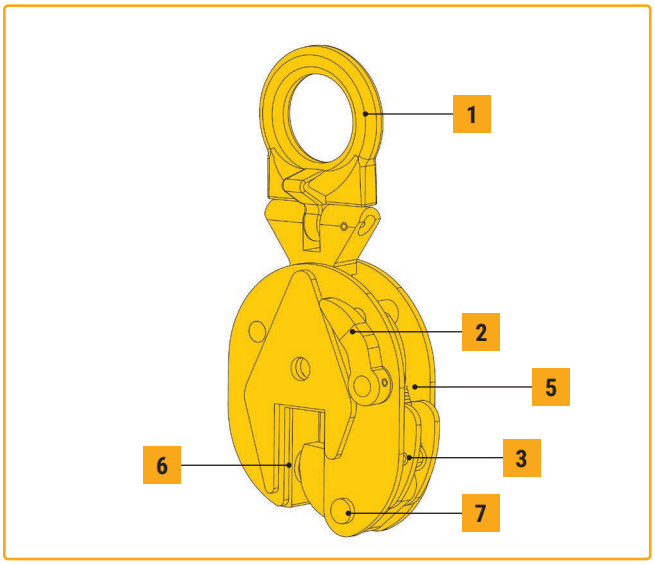
Disegno Drawing	Codice Code	BOXER	Descrizione Description
1	**195744**	Anello trazione per TP	3/4
	195757	Anello trazione per TP	1 1/2
	197014	Anello trazione per TP	3
	197021	Anello trazione per TP	5
	197229	Anello trazione per TP	7 1/2
	197038	Anello trazione per TP	10
	100106	Anello trazione per TP	15
1	**194341**	Complesso snodato per TPS	3/4
	194327	Complesso snodato per TPS	1 1/2
	196932	Complesso snodato per TPS	3
	196949	Complesso snodato per TPS	5
2	**195911**	Leva bloccaggio per TP e TPS	3/4
	194037	Leva bloccaggio per TP e TPS	1 1/2
	196307	Leva bloccaggio per TP e TPS	3
	197045	Leva bloccaggio per TP e TPS	5
	197236	Leva bloccaggio per TP e TPS	7 1/2
	197052	Leva bloccaggio per TP e TPS	10
	100205	Leva bloccaggio per TP e TPS	15
3	**195911**	Ganascia dent. mobile per TP e TPS	3/4
	194037	Ganascia dent. mobile per TP e TPS	1 1/2
	196307	Ganascia dent. mobile per TP e TPS	3
	197045	Ganascia dent. mobile per TP e TPS	5
	197236	Ganascia dent. mobile per TP e TPS	7 1/2
	197052	Ganascia dent. mobile per TP e TPS	10
	100205	Ganascia dent. mobile per TP e TPS	15

Disegno Drawing	Codice Code	BOXER	Descrizione Description
4	**197090**	Spina per TP e TPS	3/4
	197106	Spina per TP e TPS	1 1/2
	197113	Spina per TP e TPS	3
	197120	Spina per TP e TPS	5
	197250	Spina per TP e TPS	7 1/2
	197137	Spina per TP e TPS	10
	100403	Spina per TP e TPS	15
5	**193917**	Molla per TP e TPS	3/4
	194020	Molla per TP e TPS	1 1/2
	197144	Molla per TP e TPS	3
	197151	Molla per TP e TPS	5
	197267	Molla per TP e TPS	7 1/2
	197168	Molla per TP e TPS	10
	100502	Molla per TP e TPS	15
6	**195928**	Ganascia dentata fissa per TP e TPS	3/4
	197175	Ganascia dentata fissa per TP e TPS	1 1/2
	197182	Gan. dent. fis. per TP e TPS	3-5-7 1/2-10
	100564	Ganascia dentata fissa per TP e TPS	15
7	**194105**	Perno per camme per TP e TPS	3/4
	194310	Perno per camme per TP e TPS	1 1/2
	196291	Perno per camme per TP e TPS	3
	197199	Perno per camme per TP e TPS	5
	197274	Perno per camme per TP e TPS	7 1/2
	197205	Perno per camme per TP e TPS	10
	100663	Perno per camme per TP e TPS	15

Ricambi per TPS J

Tabella ricambi

TPSJ spare parts
Refer to the table for exact part number



1



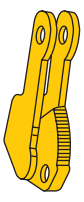
Disegno Drawing	Codice Code	JUNIOR	Descrizione Description
	207768	Complesso snodato TPS J	3/4
	227056	Complesso snodato TPS J	1
	207775	Complesso snodato TPS J	1 1/2
	227063	Complesso snodato TPS J	2
	207782	Complesso snodato TPS J	3
	218870	Complesso snodato TPS J	5
	227070	Complesso snodato TPS J	7 1/2
	227087	Complesso snodato TPS J	10

2



	207713	Leva bloccaggio per TPS J	3/4
	227094	Leva bloccaggio per TPS J	1
	207720	Leva bloccaggio per TPS J	1 1/2
	227100	Leva bloccaggio per TPS J	2
	207737	Leva bloccaggio per TPS J	3
	227117	Leva bloccaggio per TPS J	5
	227124	Leva bloccaggio per TPS J	7 1/2
	227131	Leva bloccaggio per TPS J	10

3



	207683	Ganascia dentata mobile per TPS J	3/4
	227292	Ganascia dentata mobile per TPS J	1
	207669	Ganascia dentata mobile per TPS J	1 1/2
	229308	Ganascia dentata mobile per TPS J	2
	207676	Ganascia dentata mobile per TPS J	3
	227315	Ganascia dentata mobile per TPS J	5
	213417	Ganascia dentata mobile per TPS J	7 1/2
	227322	Ganascia dentata mobile per TPS J	10

5



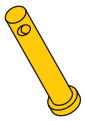
Disegno Drawing	Codice Code	JUNIOR	Descrizione Description
	216180	Molla per TPS J	3/4
	227186	Molla per TPS J	1
	216173	Molla per TPS J	1 1/2
	227193	Molla per TPS J	2
	227209	Molla per TPS J	3
	222075	Molla per TPS J	5
	227216	Molla per TPS J	7 1/2
	227223	Molla per TPS J	10

6



	207591	Ganascia dentata fissa per TPS J	3/4
	227148	Ganascia dentata fissa per TPS J	1
	207607	Ganascia dentata fissa per TPS J	1 1/2
	227155	Ganascia dentata fissa per TPS J	2
	207614	Ganascia dentata fissa per TPS J	3
	218887	Ganascia dentata fissa per TPS J	5
	227162	Ganascia dentata fissa per TPS J	7 1/2
	227179	Ganascia dentata fissa per TPS J	10

7

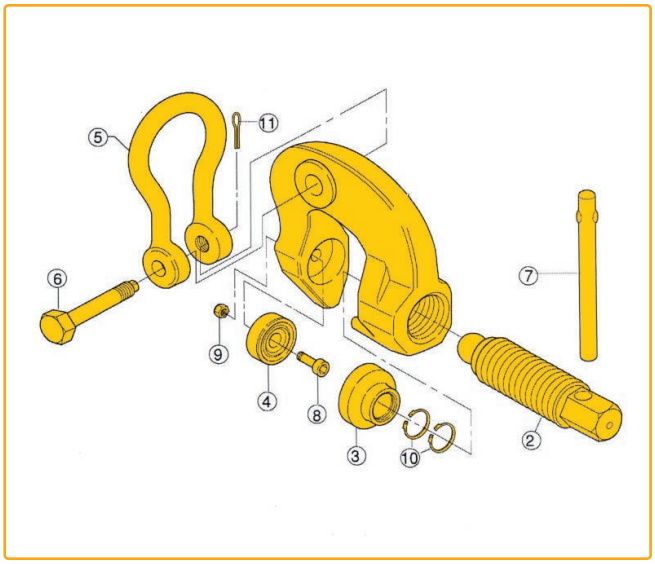


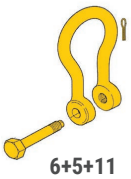
	222068	Perno per camme per TPS J	3/4
	227230	Perno per camme per TPS J	1
	227247	Perno per camme per TPS J	1 1/2
	227254	Perno per camme per TPS J	2
	219310	Perno per camme per TPS J	3
	227261	Perno per camme per TPS J	5
	227278	Perno per camme per TPS J	7 1/2
	227285	Perno per camme per TPS J	10

Ricambi per SCC

Tabella ricambi

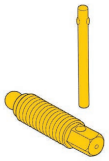
SCC spare parts
Refer to the table for exact part number

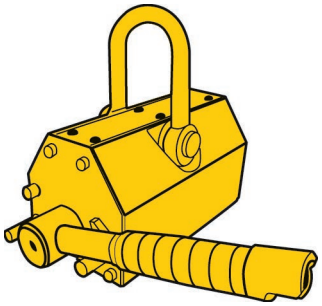


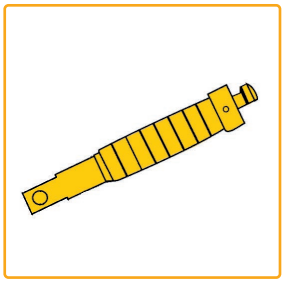
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 6+5+11	**227339**	Anello trazione part.5-6-11	SCC0,5
	215718	Anello trazione part.5-6-11	SCC 1
	227346	Anello trazione part.5-6-11	SCC1,5
	204514	Anello trazione part.5-6-11	SCC 3
	190114	Anello trazione part.5-6-11	SCC 6
	227353	Anello trazione part.5-6-11	SCC1W

Disegno Drawing	Codice Code	SCC	Descrizione Description
 3+10	**208864**	Ganascia mobile part. 3-10	SCC0,5
	215688	Ganascia mobile part. 3-10	SCC 1
	203647	Ganascia mobile part. 3-10	SCC1,5
	186803	Ganascia mobile part. 3-10	SCC3
	190121	Ganascia mobile part. 3-10	SCC6
	190411	Ganascia mobile part. 3-10	SCC1W

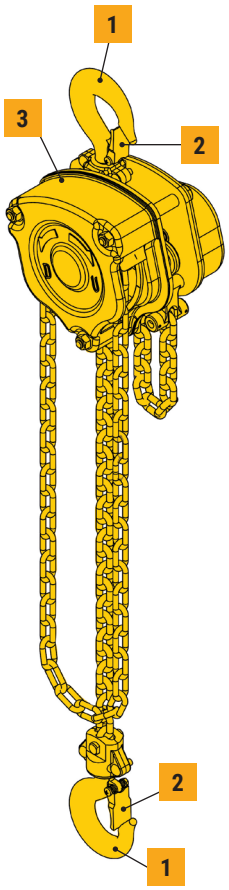
 9+4+8	**206556**	Ganascia fissa part. 4-8-9	SCC0,5
	215695	Ganascia fissa part. 4-8-9	SCC 1
	170901	Ganascia fissa part. 4-8-9	SCC1,5
	200202	Ganascia fissa part. 4-8-9	SCC 3
	190138	Ganascia fissa part. 4-8-9	SCC 6
	176774	Ganascia fissa part. 4-8-9	SCC1W

 2+7	**202572**	Vite serraggio part. 2-7	SCC0,5
	215701	Vite serraggio part. 2-7	SCC 1
	202596	Vite serraggio part. 2-7	SCC1,5
	202602	Vite serraggio part. 2-7	SCC 3
	190107	Vite serraggio part. 2-7	SCC 6
	202619	Vite serraggio part. 2-7	SCC1W





Codice Code	SBNN	
203340	Leva on/off per SBNN	1
203357	Leva on/off per SBNN	3
203364	Leva on/off per SBNN	5
203371	Leva on/off per SBNN	10
203388	Leva on/off per SBNN	20



1



Codice Code	PARANCO PC	
226967	Kit gancio sup/inf. per PC	0,5
226974	Kit gancio sup/inf. per PC	1
226981	Kit gancio sup/inf. per PC	2
226998	Kit gancio sup/inf. per PC	3
227001	Kit gancio sup/inf. per PC	5
227018	Kit gancio sup/inf. per PC	10

2

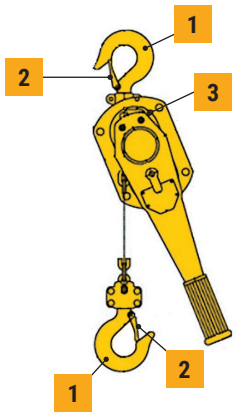


Codice Code	PARANCO PC	
224444	Kit sicurezza (2 pz.) per PC	0,5
224451	Kit sicurezza (2 pz.) per PC	1
224468	Kit sicurezza (2 pz.) per PC	2
224475	Kit sicurezza (2 pz.) per PC	3
224482	Kit sicurezza (2 pz.) per PC	5
224499	Kit sicurezza (2 pz.) per PC	10

3



Codice Code	PARANCO PC	
226875	Kit freno per PC	0,5
226882	Kit freno per PC	1
226899	Kit freno per PC	2
226905	Kit freno per PC	3
226912	Kit freno per PC	5
226929	Kit freno per PC	10



1



Codice Code	ALZATIRA PL	
227025	Kit gancio sup/inf. per PL	0,75
227035	Kit gancio sup/inf. per PL	1,5
227049	Kit gancio sup/inf. per PL	3

2



Codice Code	ALZATIRA PL	
224567	Kit sicurezza (2 pz.) per PL	0,75
224574	Kit sicurezza (2 pz.) per PL	1,5
224581	Kit sicurezza (2 pz.) per PL	3

3



Codice Code	ALZATIRA PL	
226936	Kit freno per PL	0,75
226943	Kit freno per PL	1,5
226950	Kit freno per PL	3




F4302/50

FINAT

AIR TOOLING SYSTEM



PORTAINSERTI
pag. 7d



Ø 4 mm
pag. 30d

Ø 5 mm
pag. 31d



1/4”
pag. 9d



Ø 7 mm
pag. 32d



BUSSOLE
pag. 19d



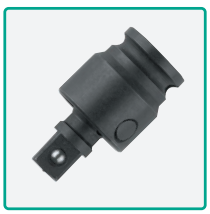
KIT ASSORTIMENTI
pag. 33d



FILETTATI
pag. 22d



GIRAVITI PORTABIT
pag. 35d



ADATTATORI PROLUNGHE
pag. 24d



CACCIAVITI PERCUSSIONE
pag. 36d



5/16”
pag. 28d

Articolo Article	Pagina Page
A/S1	24d
A/S2	24d
A/S3	24d
A/S4	24d
A/S5	24d
A/S6	24d
A/S7	24d
A/S8	24d
COBRA ESPOSITORE	33d
COBRA KIT INSERTI	33d
COLOR BOX 32PZ	33d
D-73	30d
D-76	31d
Espositore F3320/71M	7d
Espositore F3321/60M	7d
F07	35d
F1304/100	19d
F1304/50	19d
F1304/75	19d
F1305/100	19d
F1305/100 M	19d
F1305/50	19d
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F1306/48 E	20d
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F1307/100	19d
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F1307/50 M	19d
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F1309/100	19d
F1309/50	19d
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F1310/100	19d
F1310/100 M	19d
F1310/48 E	19d
F1310/48 M E	20d
F1310/50	19d
F1310/50 M	19d

Articolo Article	Pagina Page
F1310/75	19d
F1310/75 M	19d
F1311/100	19d
F1311/50	19d
F1311/75	19d
F1312/100	19d
F1312/50	19d
F1312/75	19d
F1313/100	19d
F1313/100 M	19d
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F1313/75	19d
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F1314/100	19d
F1314/50	19d
F1314/75	19d
F1317/55	19d
F1331,5/70	17d
F1332,5/70	17d
F1332,5F/70	17d
F1332/70	17d
F1333/70	17d
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F1406/100	29d
F1406/100 M	29d
F1406/50	29d
F1406/50 M	29d
F1406/75	29d

Articolo Article	Pagina Page
F1406/75 M	29d
F1407/100	29d
F1407/100 M	29d
F1407/50	29d
F1407/50 M	29d
F1407/75	29d
F1407/75 M	29d
F1408/100	29d
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F1445/100	28d
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F1455/50 M	29d
F1455/75	29d
F1455/75 M	29d
F1605,5/100	19d
F1607/100	19d

Articolo Article	Pagina Page
F1608/100	19d
F1610/100	19d
F1613/100	19d
F1617/100	19d
F1732,5/50	17d
F1732/50	17d
F1733/50	17d
F1734/50	17d
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F2034/64	24d
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F2512/25 M	25d
F2513/25	25d
F2513/25 M	25d
F2514/25	25d
F2514/25 M	25d

Articolo Article	Pagina Page
F2517/25	25d
F2517/25 M	25d
F2545/25	25d
F2555/25	25d
F2555/25 M	25d
F2606/32	25d
F2606/32 M	25d
F2607/32	25d
F2607/32 M	25d
F2608/32	25d
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F27-E10/40	26d
F27-E12/40	26d
F27-E14/40	26d
F27-E16/40	26d
F27-E18/40	26d

Articolo Article	Pagina Page
F27-E20/40	26d
F2817/51	26d
F2819/51	26d
F2822/51	26d
F2824/51	26d
F2827/54	26d
F2830/54	26d
F2832/57	26d
F2833/57	26d
F2834/57	26d
F2836/57	26d
F2922/58	26d
F2924/60	26d
F2927/60	26d
F2930/62	26d
F2932/63	26d
F2933/63	26d
F2936/67	26d
F2938/67	26d
F2941/70	26d
F2946/76	26d
F2950/82	26d
F2955/87	26d
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F3000/25 RTS	13d
F3000/25 R	9d
F3001/25	9d
F3001/25 C	9d
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F3002/25 RTS	13d
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F3002/50 PZD	10d
F3002/50 PZD C	10d
F3003/25	9d
F3003/25 C	9d
F3003/25 PZD	10d
F3003/25 PZD C	10d
F3003/25 RTS	13d
F3003/25 TRW	13d
F3003/50	9d
F3003/50 C	9d

Articolo Article	Pagina Page
F3003/50 PZD	10d
F3003/50 PZD C	10d
F3004/25 RBE	13d
F3004/25 RTS	13d
F3004/25 SPN	13d
F3004/25 XZN	13d
F3005/25 RBE	13d
F3005/25 XZN	13d
F3006/25 RBE	13d
F3006/25 SPN	13d
F3006/25 TQS	13d
F3006/25 XZN	13d
F3008/25 RBE	13d
F3008/25 SPN	13d
F3008/25 TQS	13d
F3008/25 XZN	13d
F3010/25 RBE	13d
F3010/25 SPN	13d
F3010/25 TQS	13d
F3010/25 XZN	13d
F3012/35	21d
F3012/35 PZD	21d
F3013/35	21d
F3013/35 PZD	21d
F3014/35	21d
F3014/35 PZD	21d
F3032,5/25	11d
F3032,5F/25	11d
F3032/25	11d
F3032F/25	11d
F3033/25	11d
F3033F/25	11d
F3034/25	11d
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F3035/25	11d
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F3044/34	21d
F3045/34	21d
F3046/34	21d
F3048/34	21d
F3050/34	21d
F3052/34	21d
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F3102/50	16d
F3103/50	16d
F3104/30	16d
F3105/30	16d
F3106/30	16d
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F3111/30	16d

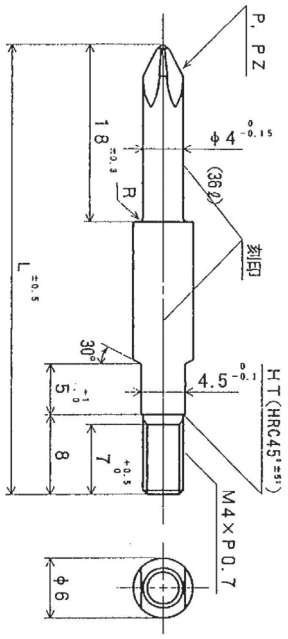
Articolo Article	Pagina Page
F3111/30 PZD	16d
F3111/45	16d
F3111/45 PZD	16d
F3111/75	16d
F3111/75 PZD	16d
F3112/30	16d
F3112/30 PZD	16d
F3112/45	16d
F3112/45 PZD	16d
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F3113/30	16d
F3113/30 PZD	16d
F312/55	24d
F314/100	24d
F314/50	24d
F3145/45	16d
F3145/45 PZD	16d
F3145/75	16d
F3145/75 PZD	16d
F3214/70 M	8d
F3314/60	7d
F3314/75 M	7d
F3315/150 M	7d
F3315/200 M	7d
F3315/250 M	7d
F3315/60 M	7d
F3315/75 M	7d
F3316/60 M	7d
F3320/71M	7d
F3321/60M	7d
F3322/75 M	8d
F3323/65	8d
F3351/68 M	8d
F338/100	24d
F338/50	24d
F3390/84	23d
F3391/45	22d
F3391/45 PZD	22d
F3392/45	22d
F3392/45 PZD	22d
F3414/50	8d
F3414/50	21d
F3414/54 M	8d
F3416/60	8d
F3416/70 M	8d
F3490/84	23d
F3491/34	22d
F3491/34 PZD	22d
F3492/34	22d
F3492/34 PZD	22d
F3590/84	23d
F3591/34	22d
F3591/34 PZD	22d
F3591/45	22d
F3591/45 PZD	22d
F3592/34	22d
F3592/34 PZD	22d

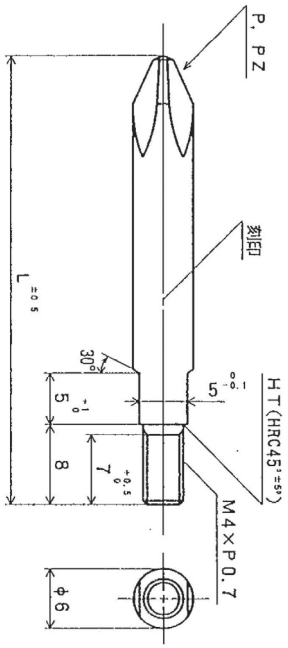
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F3592/45 PZD	22d
F3614/25	8d
F3720/30	11d
F3725/30	11d
F3730/30	11d
F3740/30	11d
F3750/30	11d
F3760/30	11d
F3780/30	11d
F3814/35	8d
F3914/49	8d
F414/100	29d
F414/50	29d
F4300/51	14d
F4301/110	14d
F4301/110 C	14d
F4301/110 PZD	15d
F4301/110 PZD C	15d
F4301/150	14d
F4301/150 PZD	14d
F4301/200	14d
F4301/50	14d
F4301/50 C	14d
F4301/50 PZD	15d
F4301/50 PZD C	15d
F4301/75	14d
F4301/75 C	14d
F4301/75 PZD	15d
F4301/75 PZD C	15d
F4302/110	14d
F4302/110 C	14d
F4302/110 PZD	15d
F4302/110 PZD C	15d
F4302/150	14d
F4302/150 PZD	15d
F4302/200	14d
F4302/50	14d
F4302/50 C	14d
F4302/50 PZD	15d
F4302/50 PZD C	15d
F4302/75	14d
F4302/75 C	14d
F4302/75 PZD	15d
F4302/75 PZD C	15d
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F4303/200	14d
F4303/50	14d
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F4303/50 PZD	15d
F4303/50 PZD C	15d
F4303/75	14d
F4303/75 C	14d
F4303/75 PZD	15d
F4303/75 PZD C	15d
F4304/50 PZD	15d
F4304/75 PZD	15d
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F438/50	29d
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F8302/50 PZD TIN	15d
F8302/50 TIN	14d
F8303/50 PZD TIN	15d
F8303/50 TIN	14d
FF001/100	32d
FF001/100 PZD	32d
FF001/53	32d
FF001/53 PZD	32d

Articolo Article	Pagina Page
FF001/70	32d
FF001/70 PZD	32d
FF002/100	32d
FF002/100 PZD	32d
FF002/53	32d
FF002/53 PZD	32d
FF002/70	32d
FF002/70 PZD	32d
FF003/100	32d
FF003/100 PZD	32d
FF003/53	32d
FF003/53 PZD	32d
FF003/70	32d
FF003/70 PZD	32d
FF014/65	32d
FF014/75 M	32d
FPA 11	8d
FPA 13	30d
FPA 14	20d
FPA 16	20d
FPA 9	20d
FT 4305/50	18d
FT 4306/50	18d
FT 4306/70	18d
FT 4307/50	18d
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FT 4308/150	18d
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FT 4340/150	18d
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FT07/25	11d
FT08/25	11d
FT09/25	11d

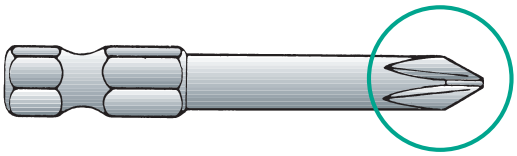
Articolo Article	Pagina Page
FT10/25	11d
FT15/25	11d
FT20/25	11d
FT25/25	11d
FT27/25	11d
FT30/25	11d
FT3408/34 T 8	23d
FT3409/34 T 9	23d
FT3410/34 T 10	23d
FT3415/34 T 15	23d
FT3510/45	23d
FT3515/45	23d
FT3520/45	23d
FT3525/45	23d
FT40/25	11d
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FT45/25	21d
FT50/25	21d
FT55/35	21d
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FTF 4307/50	18d
FTF 4308/50	18d
FTF 4309/50	18d
FTF 4310/50	18d
FTF 4310/70	18d
FTF 4315/50	18d
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FTF40/25	11d
FTF4310-40/150	18d
FTF45/25	11d
FTF50/25	11d
FTP-10/25	12d
FTP-15/25	12d
FTP-20/25	12d
FTP-25/25	12d
FTP-27/25	12d
FTP-30/25	12d

Articolo Article	Pagina Page
FTP-40/25	12d
LAMA A SPINA PH2/125	23d
LAMA A SPINA PZD 2/125	23d
MAG 43	35d
MINI COLOR BOX 15PZ	33d
TD-70	34d
U2300	36d
U2400	36d
U2600A	36d
U-8310	34d
U-8311	34d
U-8312	34d





IMPRONTE DISPONIBILI
AVAILABLE SHAPES



PHILLIPS®

POZIDRIV®

TORX®

TORX PLUS®

TORX® CON FORO

ESAGONO

ESAGONO

ESAGONO CON FORO

QUADRO

TORQ-SET®

TRI-WING®

SPANNER

RIBE®

ROBERTSON®

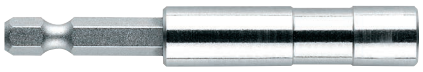
XZN®

TAGLIO

CLUTCH

QUADRO

1/4"



Attacco - *Drive* DIN 3126 - E6,35
Alloggiamento - *Housing* DIN 3126 - D6,35

Articolo Article					
F3314/60	6,35 (1/4")	60	11		10
F3314/75M	6,35 (1/4")	75	11	Magnetic	10

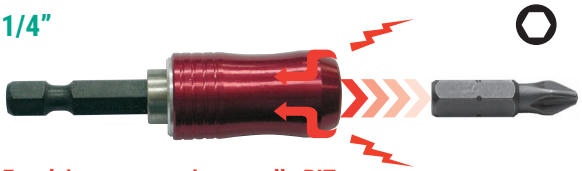
1/4"



Attacco - *Drive* DIN 3126 - E6,35
Alloggiamento - *Housing* DIN 3126 - D6,35

Articolo Article					
F3315/60M	6,35 (1/4")	60	11	Magnetic	10
F3316/60M	6,35 (1/4")	60	10	No ring	10
F3315/75M	6,35 (1/4")	75	11	Magnetic	10
F3315/150M	6,35 (1/4")	150	11	Magnetic	10
F3315/200M	6,35 (1/4")	200	11	Magnetic	10
F3315/250M	6,35 (1/4")	250	11	Magnetic	10

1/4"



Espulsione automatica a molla BIT

Attacco - *Drive* DIN 3126 - E6,35
Alloggiamento - *Housing* DIN 3126 - D6,35

Articolo Article				
F3321/60M	6,35 (1/4")	60	Magnetic	10

1/4"



Attacco - *Drive* DIN 3126 - E6,35
Alloggiamento - *Housing* DIN 3126 - D6,35

Articolo Article				
F3320/71M	6,35 (1/4")	71	Magnetic	10



Espositore da banco n. 30 pezzi
30 pcs. display

Articolo Article	Codice Code	Contenuto Content
EXPO F3321/60M	193290	N°30 pz. F3321/60M





Espositore da banco n. 30 pezzi
30 pcs. display

Articolo Article	Codice Code	Contenuto Content
EXPO F3320/71M	181440	N°30 pz. F3320/71M

Per cartongesso

1/4”



Attacco - *Drive* DIN 3126 - E6,35
Alloggiamento - *Housing* DIN 3126 - D6,35

Portabit **con regolazione di battuta per cartongesso**
con doppio magnete
Adjustable double magnet bit holder for hardboard

Articolo Article		L		
F3351/68M	6,35 (1/4”)	68	**Magnetic**	10



Attacco - *Drive* DIN 3121
Alloggiamento - *Housing* DIN 3126 - D6,35

Articolo Article		L	Attacco Drive	
F3614/25	6,35 (1/4”)	25	1/4”	10
F3814/35	6,35 (1/4”)	35	3/8”	10
F3914/49	6,35 (1/4”)	49	1/2”	10

5,5 mm
Bosch



Attacco - *Drive* DIN 3126 - A5,5
Alloggiamento - *Housing* DIN 3126 - D6,35

Articolo Article		L	Ø		
F3214/70M	6,35 (1/4”)	70	11	**Magnetic**	10

G7
Fein



Attacco - *Drive* DIN 3126 - G7
Alloggiamento - *Housing* DIN 3126 - D6,35
7mm attacco Fein - *Fein shank drive*

Articolo Article		L		
FF014/65	6,35 (1/4”)	65	–	10
FF014/75M	6,35 (1/4”)	75	**Magnetic**	10



SDS Plus

Attacco - *Drive* SDS Plus
Alloggiamento - *Housing* DIN 3126 - D6,35

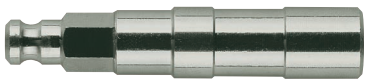
Articolo Article		L			
F3322/75M	6,35 (1/4”)	75	11	**Magnetic**	10



SDS Plus

Attacco - *Drive* SDS Plus
Adattatore per mandrino trapano - *Shank chuck adapter*

Articolo Article	Ø	L	
F3323/65	1/2” - 20	65	10



Desoutter

Attacco - *Drive* 5/16”
Alloggiamento - *Housing* DIN 3126 - D6,35

Articolo Article		L		
F3414/50	6,35 (1/4”)	50	–	10
F3414/54M	6,35 (1/4”)	54	**Magnetic**	10
F3416/60	8 (5/16”)	60	–	10
F3416/70M	8 (5/16”)	70	**Magnetic**	10



PHILLIPS®

Coniato



Phillips®

Attacco - *Drive* DIN 3126 - C6,35
Impronta - *Tip* DIN 5260 PH Phillips®
Coniato - *Cold forged* **59 HRC**

Articolo Article		L	Ø		
F3000/25 C	PH0	25	3,2 mm	10	200
F3001/25 C	PH1	25		10	200
F3002/25 C	PH2	25		10	200
F3003/25 C	PH3	25		10	200
F3001/50 C	PH1	50		10	200
F3002/50 C	PH2	50		10	200
F3003/50 C	PH3	50		10	200

Fresato



Phillips®

Attacco - *Drive* DIN 3126 - C6,35
Impronta - *Tip* DIN 5260 PH Phillips®
Fresato - *Milled* **62 HRC**

Articolo Article		L	Ø		
F3000/25	PH0	25	3 mm	10	200
F3001/25	PH1	25		10	200
F3002/25	PH2	25		10	200
F3003/25	PH3	25		10	200
F3001/50	PH1	50		10	200
F3002/50	PH2	50		10	200
F3003/50	PH3	50		10	200

Tornito



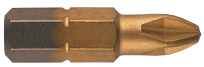
Phillips®

Attacco - *Drive* DIN 3126 - C6,35
Impronta - *Tip* Phillips® Torsion Bit
Tornito e fresato - *Lathed and milled* **62 HRC**

Articolo Article		L	Ø		
F3001/25 R	PH1	25	4,5 mm	10	200
F3002/25 R	PH2	25	5 mm	10	200

PHILLIPS® - Titanio

Titanio - Coniato



Phillips®

Attacco - *Drive* DIN 3126 - C6,35
Impronta - *Tip* DIN 5260 PH Phillips®
Coniato rivestito TiN - *Cold forged TiN coated* **2000 HV**

Articolo Article		L	Ø		
F8100/25 C TIN	PH0	25	3,2 mm	TiN coated	10
F8101/25 C TIN	PH1	25		TiN coated	10
F8102/25 C TIN	PH2	25		TiN coated	10
F8103/25 C TIN	PH3	25		TiN coated	10
F8101/50 C TIN	PH1	50		TiN coated	10
F8102/50 C TIN	PH2	50		TiN coated	10
F8103/50 C TIN	PH3	50		TiN coated	10

Titanio - Fresato



Phillips®

Attacco - *Drive* DIN 3126 - C6,35
Impronta - *Tip* DIN 5260 PH Phillips®
Fresato rivestito TiN - *Milled TiN coated* **2000 HV**

Articolo Article		L	Ø		
F8000/25 TIN	PH0	25	3 mm	TiN coated	10
F8001/25 TIN	PH1	25		TiN coated	10
F8002/25 TIN	PH2	25		TiN coated	10
F8003/25 TIN	PH3	25		TiN coated	10
F8001/50 TIN	PH1	50		TiN coated	10
F8002/50 TIN	PH2	50		TiN coated	10
F8003/50 TIN	PH3	50		TiN coated	10



POZIDRIV®

Coniato

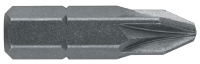


Pozidriv®

Attacco - *Drive* DIN 3126 - C6,35
Impronta - *Tip* DIN 5260 PZ Pozidriv®
Coniato - *Cold forged* **59 HRC**

Articolo Article		L		
F3001/25 PZD C	PZ1	25	10	200
F3002/25 PZD C	PZ2	25	10	200
F3003/25 PZD C	PZ3	25	10	200
F3001/50 PZD C	PZ1	50	10	200
F3002/50 PZD C	PZ2	50	10	200
F3003/50 PZD C	PZ3	50	10	200

Fresato



Pozidriv®

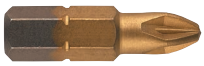
Attacco - *Drive* DIN 3126 - C6,35
Impronta - *Tip* DIN 5260 PZ Pozidriv®
Fresato - *Milled* **62 HRC**

Articolo Article		L		
F3001/25 PZD	PZ1	25	10	200
F3002/25 PZD	PZ2	25	10	200
F3003/25 PZD	PZ3	25	10	200
F3001/50 PZD	PZ1	50	10	200
F3002/50 PZD	PZ2	50	10	200
F3003/50 PZD	PZ3	50	10	200



POZIDRIV® - Titanio

Titanio - Coniato



Pozidriv®

Attacco - *Drive* DIN 3126 - C6,35
Impronta - Tip DIN 5260 PZ Pozidriv®
Coniato rivestito TiN - *Cold forged TiN coated* **2000 HV**

Articolo Article		L		
F8101/25 PZD C TIN	PZ1	25	TiN coated	10
F8102/25 PZD C TIN	PZ2	25	TiN coated	10
F8103/25 PZD C TIN	PZ3	25	TiN coated	10
F8101/50 PZD C TIN	PZ1	50	TiN coated	10
F8102/50 PZD C TIN	PZ2	50	TiN coated	10
F8103/50 PZD C TIN	PZ3	50	TiN coated	10

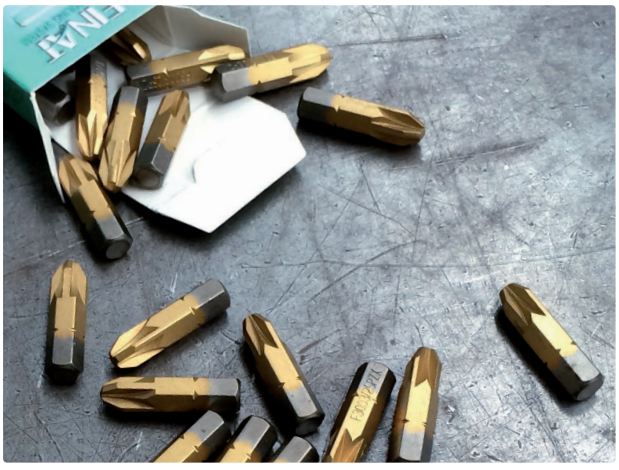
Titanio - Fresato



Pozidriv®

Attacco - *Drive* DIN 3126 - C6,35
Impronta - Tip DIN 5260 PZ Pozidriv®
Fresato rivestito TiN - *Milled TiN coated* **2000 HV**

Articolo Article		L		
F8001/25 PZD TIN	PZ1	25	TiN coated	10
F8002/25 PZD TIN	PZ2	25	TiN coated	10
F8003/25 PZD TIN	PZ3	25	TiN coated	10
F8001/50 PZD TIN	PZ1	50	TiN coated	10
F8002/50 PZD TIN	PZ2	50	TiN coated	10
F8003/50 PZD TIN	PZ3	50	TiN coated	10



BRUGOLA



Hex

Attacco - *Drive* DIN 3126 - C6,35
Impronta - *Tip* Brugola - *Hexagon*

Articolo Article		L		
F3032/25	2	25	10	
F3032,5/25	2,5	25	10	
F3033/25	3	25	10	
F3034/25	4	25	10	
F3035/25	5	25	10	
F3036/25	6	25	10	
F3038/25	8	25	10	



BH Hex

Attacco - *Drive* DIN 3126 - C6,35
Impronta - *Tip* Brugola - *Hexagon*
Hex con foro - *Bore hole hex*

Articolo Article		L		
F3032 F/25	2	25	10	
F3032,5 F/25	2,5	25	10	
F3033 F/25	3	25	10	
F3034 F/25	4	25	10	
F3035 F/25	5	25	10	
F3036 F/25	6	25	10	
F3038 F/25	8	25	10	

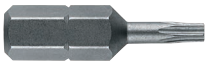


BS Hex

Attacco - *Drive* DIN 3126 - C6,35
Impronta - *Tip* Testa esagonale sferica - *Ball head Hex*

Articolo Article		L		
F3720/30	2	30	10	
F3725/30	2,5	30	10	
F3730/30	3	30	10	
F3740/30	4	30	10	
F3750/30	5	30	10	
F3760/30	6	30	10	
F3780/30	8	30	10	

TORX

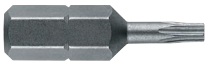


TORX®

Attacco - *Drive* DIN 3126 - C6,35
Impronta - *Tip* Torx®

Articolo Article		L		
FT06/25	T6	25	10	200
FT07/25	T7	25	10	200
FT08/25	T8	25	10	200
FT09/25	T9	25	10	200
FT10/25	T10	25	10	200
FT15/25	T15	25	10	200
FT20/25	T20	25	10	200
FT25/25	T25	25	10	200
FT27/25	T27	25	10	200
FT30/25	T30	25	10	200
FT40/25	T40	25	10	200
FT45/25	T45	25	10	200
FT50/25	T50	25	10	200

TORX® CON FORO

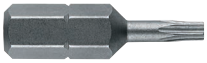


BH Torx®

Attacco - *Drive* DIN 3126 - C6,35
Impronta - *Tip* Tamper Torx®
Torx con foro - *Bore Hole Torx*

Articolo Article		L	
FTF06/25	T6H	25	10
FTF07/25	T7H	25	10
FTF08/25	T8H	25	10
FTF09/25	T9H	25	10
FTF10/25	T10H	25	10
FTF15/25	T15H	25	10
FTF20/25	T20H	25	10
FTF25/25	T25H	25	10
FTF27/25	T27H	25	10
FTF30/25	T30H	25	10
FTF40/25	T40H	25	10
FTF45/25	T45H	25	10
FTF50/25	T50H	25	10

TORX PLUS®



Torx Plus®

Attacco - *Drive* DIN 3126 - C6,35
Impronta - *Tip* Torx Plus®

Articolo Article		L	
FTP10/25	T10P	25	10
FTP15/25	T15P	25	10
FTP20/25	T20P	25	10
FTP25/25	T25P	25	10
FTP27/25	T27P	25	10
FTP30/25	T30P	25	10
FTP40/25	T40P	25	10

TAGLIO TESTA PIANA



Flat

Attacco - *Drive* DIN 3126 - C6,35
Impronta - *Tip* DIN 5264-C

Articolo Article		L	
F5603/25	3	25	20
F5604/25	4	25	20
F5645/25	4,5	25	20
F5605/25	5	25	20
F5606/25	6	25	20
F5607/25	7	25	20
F5608/25	8	25	20

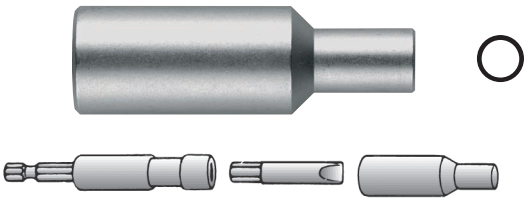




Flat

Attacco - *Drive* DIN 3126 - C6,35
Impronta - *Tip* DIN 5264-C

Articolo Article		L	
F5603/39	3	39	20
F5635/39	3,5	39	20
F5604/39	4	39	20
F5645/39	4,5	39	20
F5605/39	5	39	20
F5655/39	5,5	39	20
F5606/39	6	39	20
F5665/39	6,5	39	20
F5607/39	7	39	20
F5675/39	7,5	39	20
F5608/39	8	39	20
F5685/39	8,5	39	20
F5609/39	9	39	20
F5610/39	10	39	20



Attacco - *Drive* Bussole guidalama - *Finder sleeves*
Per uso in abbinamento F56xx/39 e portainserti
For use with F56xx/39 & bit holder

Articolo Article		L	
F6603/47	3	47	1
F6635/47	3,5	47	1
F6604/47	4	47	1
F6645/47	4,5	47	1
F6605/47	5	47	1
F6655/47	5,5	47	1
F6606/47	6	47	1
F6665/47	6,5	47	1
F6607/47	7	47	1
F6675/47	7,5	47	1
F6608/47	8	47	1
F6685/47	8,5	47	1

SPANNER®



Spanner®

Attacco - *Drive* DIN 3126 - C6,35
Impronta - *Tip* Torx Plus®

Articolo Article			
F3004/25 SPN	4	25	10
F3006/25 SPN	6	25	10
F3008/25 SPN	8	25	10
F3010/25 SPN	10	25	10

TORQ-SET®



Torq-set®

Per aereonautica - antisvitamento

Attacco - *Drive* DIN 3126 - C6,35
Impronta - *Tip* Torq-set®

Articolo Article			
F3006/25 TQS	6	25	10
F3008/25 TQS	8	25	10
F3010/25 TQS	10	25	10
F300X/25 TQS	X	25	10

ROBERTSON SQUARE®



Robertson square®

Attacco - *Drive* DIN 3126 - C6,35
Impronta - *Tip* Robertson Square®

Articolo Article			
F3000/25 RTS	0	25	10
F3001/25 RTS	1	25	10
F3002/25 RTS	2	25	10
F3003/25 RTS	3	25	10
F3004/25 RTS	4	25	10

XZN®



XZN®

Attacco - *Drive* DIN 3126 - C6,35
Impronta - *Tip* XZN®

Articolo Article			
F3004/25 XZN	4	25	10
F3005/25 XZN	5	25	10
F3006/25 XZN	6	25	10
F3008/25 XZN	8	25	10
F3010/25 XZN	10	25	10

TRI-WING®



Tri-Wing®

Per aereonautica - antisvitamento

Attacco - *Drive* DIN 3126 - C6,35
Impronta - *Tip* Tri-Wing®

Articolo Article			
F3001/25 TRW	1	25	10
F3002/25 TRW	2	25	10
F3003/25 TRW	3	25	10
F300X/25 TRW	X	25	10

RIBE®

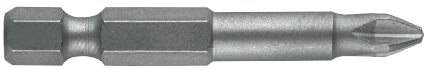


Ribe®

Attacco - *Drive* DIN 3126 - C6,35
Impronta - *Tip* Ribe®

Articolo Article			
F3004/25 RBE	4	25	10
F3005/25 RBE	5	25	10
F3006/25 RBE	6	25	10
F3008/25 RBE	8	25	10
F3010/25 RBE	10	25	10

PHILLIPS®

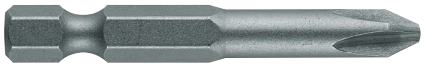


Phillips®

Coniato

Attacco - *Drive* DIN 3126 - E6,35
Impronta - *Tip* DIN 5260 PH Phillips®
Coniato - *Cold forged* **59 HRC**

Articolo Article		L		
F4301/50 C	PH1	50	10	100
F4302/50 C	PH2	50	10	100
F4303/50 C	PH3	50	10	100
F4301/75 C	PH1	75	10	100
F4302/75 C	PH2	75	10	100
F4303/75 C	PH3	75	10	100
F4301/110 C	PH1	110	10	100
F4302/110 C	PH2	110	10	100
F4303/110 C	PH3	110	10	100



Phillips®

Fresato

Attacco - *Drive* DIN 3126 - E6,35
Impronta - *Tip* DIN 5260 PH Phillips®
Fresato - *Milled* **62 HRC**

Articolo Article		L		
F4300/51	PH0	51	10	100
F4301/50	PH1	50	10	100
F4302/50	PH2	50	10	100
F4303/50	PH3	50	10	100
F4301/75	PH1	75	10	100
F4302/75	PH2	75	10	100
F4303/75	PH3	75	10	100
F4301/110	PH1	110	10	100
F4302/110	PH2	110	10	100
F4303/110	PH3	110	10	100
F4301/150	PH1	150	10	100
F4302/150	PH2	150	10	100
F4303/150	PH3	150	10	100
F4301/200	PH1	200	10	100
F4302/200	PH2	200	10	100
F4303/200	PH3	200	10	100
F43xx/xx	xx	xx	A richiesta/*On demand* xx	

PHILLIPS® - Titanio



Phillips®

Titanio - Coniato

Attacco - *Drive* DIN 3126 - E6,35
Impronta - *Tip* DIN 5260 - PH Phillips®
Coniato rivestito TiN - *Cold forged TiN coated* **2000 HV**

Articolo Article		L		
F8201/50 C TIN	PH1	50	TiN coated	10
F8202/50 C TIN	PH2	50	TiN coated	10
F8203/50 C TIN	PH3	50	TiN coated	10



Phillips®

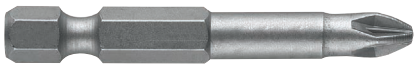
Titanio - Fresato

Attacco - *Drive* DIN 3126 - E6,35
Impronta - *Tip* DIN 5260 - PH Phillips®
Fresato rivestito TiN - *Milled TiN coated* **2000 HV**

Articolo Article		L		
F8300/50 TIN	PH0	50	TiN coated	10
F8301/50 TIN	PH1	50	TiN coated	10
F8302/50 TIN	PH2	50	TiN coated	10
F8303/50 TIN	PH3	50	TiN coated	10



POZIDRIV®



Pozidriv®

Coniato

Attacco - *Drive* DIN 3126 - E6,35
Impronta - *Tip* DIN 5260 PH Pozidriv®
Coniato - *Cold forged* **59 HRC**

Articolo Article		L		
F4301/50 PZD C	PZ1	50	10	100
F4302/50 PZD C	PZ2	50	10	100
F4303/50 PZD C	PZ3	50	10	100
F4301/75 PZD C	PZ1	75	10	100
F4302/75 PZD C	PZ2	75	10	100
F4303/75 PZD C	PZ3	75	10	100
F4301/110 PZD C	PZ1	110	10	100
F4302/110 PZD C	PZ2	110	10	100
F4303/110 PZD C	PZ3	110	10	100



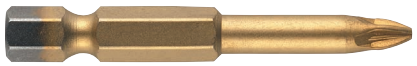
Pozidriv®

Fresato

Attacco - *Drive* DIN 3126 - E6,35
Impronta - *Tip* DIN 5260 PH Pozidriv®
Fresato - *Milled* **62 HRC**

Articolo Article		L		
F4301/50 PZD	PZ1	50	10	100
F4302/50 PZD	PZ2	50	10	100
F4303/50 PZD	PZ3	50	10	100
F4304/50 PZD	PZ4	50	10	100
F4301/75 PZD	PZ1	75	10	100
F4302/75 PZD	PZ2	75	10	100
F4303/75 PZD	PZ3	75	10	100
F4304/75 PZD	PZ4	75	10	100
F4301/110 PZD	PZ1	110	10	100
F4302/110 PZD	PZ2	110	10	100
F4303/110 PZD	PZ3	110	10	100
F4301/150 PZD	PZ1	150	10	100
F4302/150 PZD	PZ2	150	10	100
F4303/150 PZD	PZ3	150	10	100
F43xx/xx PZD	xx	xx	A richiesta/*On demand*	xx

POZIDRIV® - Titanio

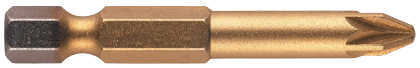


Pozidriv®

Titanio - Coniato

Attacco - *Drive* DIN 3126 - E6,35
Impronta - *Tip* DIN 5260 - PH Pozidriv®
Coniato rivestito TiN - *Cold forged TiN coated* **2000 HV**

Articolo Article		L		
F8201/50 PZD C TIN	PZ1	50	TiN coated	10
F8202/50 PZD C TIN	PZ2	50	TiN coated	10
F8203/50 PZD C TIN	PZ3	50	TiN coated	10

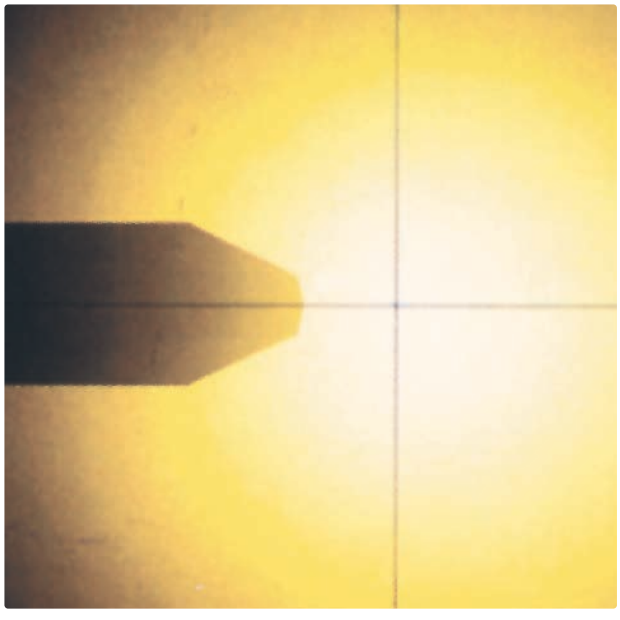


Pozidriv®

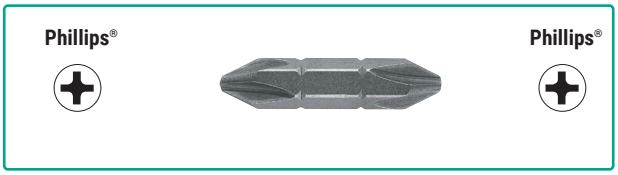
Titanio - Fresato

Attacco - *Drive* DIN 3126 - E6,35
Impronta - *Tip* DIN 5260 - PH Pozidriv®
Fresato rivestito TiN - *Milled TiN coated* **2000 HV**

Articolo Article		L		
F8301/50 PZD TIN	PZ1	50	TiN coated	10
F8302/50 PZD TIN	PZ2	50	TiN coated	10
F8303/50 PZD TIN	PZ1	50	TiN coated	10

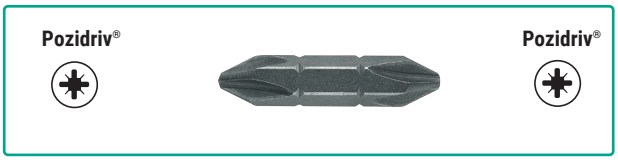


DOPPIO



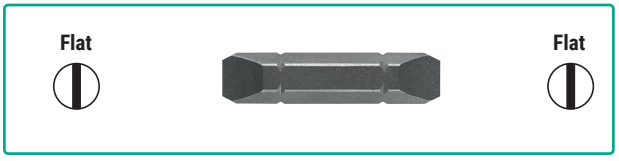
Attacco - *Drive* DIN 3126 - C6,35
Impronta - Tip DIN 5260 PH Phillips®
Fresato - *Milled* **61 HRC**

Articolo Article				
F3111/30	2xPH1	30	Double end	10
F3112/30	2xPH2	30	Double end	10
F3113/30	2xPH3	30	Double end	10



Attacco - *Drive* DIN 3126 - C6,35
Impronta - Tip DIN 5260 PZ Pozidriv®
Fresato - *Milled* **61 HRC**

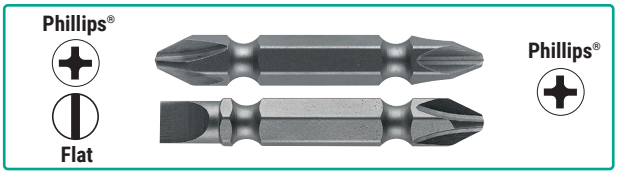
Articolo Article				
F3111/30 PZD	2xPZ1	30	Double end	10
F3112/30 PZD	2xPZ2	30	Double end	10
F3113/30 PZD	2xPZ3	30	Double end	10



Attacco - *Drive* DIN 3126 - C6,35
Impronta - Tip DIN 5264-C

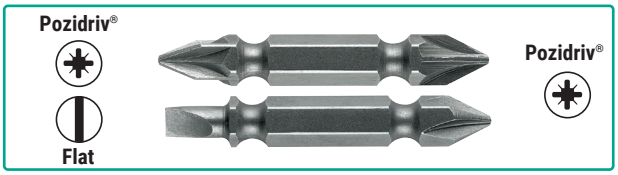
Articolo Article				
F3104/30	2x4	30	Double end	10
F3105/30	2x5	30	Double end	10
F3106/30	2x6	30	Double end	10





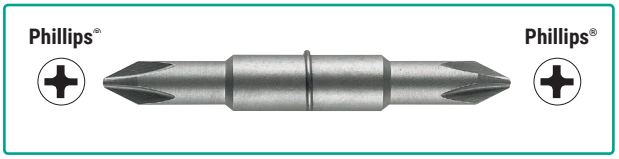
Attacco - *Drive* DIN 3126 - C6,35
Impronta - Tip DIN 5260 PH Phillips® / DIN 5264 - C
Fresato - *Milled* **61 HRC**

Articolo Article					
F3111/45	2xPH1	45	Double end	10
F3112/45	2xPH2	45	Double end	10
F3111/75	2xPH1	75	Double end	10
F3112/75	2xPH2	75	Double end	10
F3145/45	PH1 - 4,5	45	Double end	10
F3106/45	PH2 - 6	45	Double end	10
F3145/75	PH1 - 4,5	75	Double end	10
F3106/75	PH2 - 6	75	Double end	10



Attacco - *Drive* DIN 3126 - C6,35
Impronta - Tip DIN 5260 PZ Pozidriv® / DIN 5264 - C
Fresato - *Milled* **61 HRC**

Articolo Article					
F3111/45 PZD	2xPZ1	45	Double end	10
F3112/45 PZD	2xPZ2	45	Double end	10
F3111/75 PZD	2xPZ1	75	Double end	10
F3112/75 PZD	2xPZ2	75	Double end	10
F3145/45 PZD	PZ1 - 4,5	45	Double end	10
F3106/45 PZD	PZ2 - 6	45	Double end	10
F3145/75 PZD	PZ1 - 4,5	75	Double end	10
F3106/75 PZD	PZ2 - 6	75	Double end	10



Attacco - *Drive* Diam. 7 mm
Impronta - Tip DIN 5260 PZ Phillips®
Doppia croce - *Double cross*

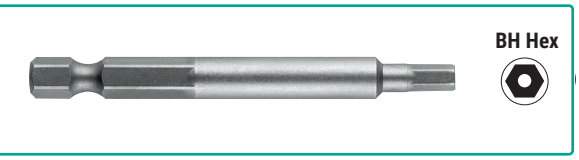
Articolo Article				
F3101/50	2xPH1	50	Double end	10
F3102/50	2xPH2	50	Double end	10
F3103/50	2xPH3	50	Double end	10

BRUGOLA



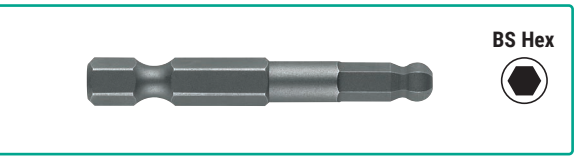
Attacco - *Drive* DIN 3126 - E6,35
Impronta - *Tip* Brugola - *Hexagon*

Articolo Article		L	
F1331,5/70	1,5	70	10
F1332/70	2	70	10
F1332,5/70	2,5	70	10
F1333/70	3	70	10
F1334/70	4	70	10
F1335/70	5	70	10
F1336/70	6	70	10
F1337/70	7	70	10
F1338/70	8	70	10
F1339/70	9	70	10
F1340/70	10	70	10



Attacco - *Drive* DIN 3126 - E6,35
Impronta - *Tip* Brugola - *Hexagon*
Hex con foro - *Bore hole hex*

Articolo Article		L	
F1332,5 F/70	2,5	70	10
F1333 F/70	3	70	10
F1334 F/70	4	70	10
F1335 F/70	5	70	10



Attacco - *Drive* DIN 3126 - E6,35
Impronta - *Tip* Testa esagonale sferica - *Ball head Hex*

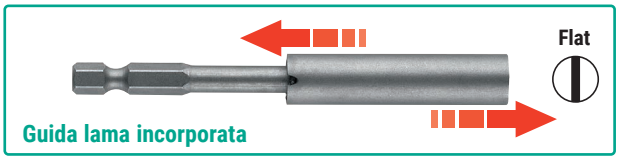
Articolo Article		L	
F1732/50	2	50	10
F1732,5/50	2,5	50	10
F1733/50	3	50	10
F1734/50	4	50	10
F1735/50	5	50	10
F1736/50	6	50	10
F1738/50	8	50	10

TAGLIO TESTA PIANA



Attacco - *Drive* DIN 3126 - E6,35
Impronta - *Tip* DIN 5264-C

Articolo Article		L	
F5303/51	3	51	10
F5335/51	3,5	51	10
F5304/51	4	51	10
F5345/51	4,5	51	10
F5305/51	5	51	10
F5355/51	5,5	51	10
F5306/51	6	51	10
F5365/51	6,5	51	10
F5307/51	7	51	10
F5308/51	8	51	10
F5309/51	9	51	10
F5310/51	10	51	10
F5304/75	4	75	10
F5305/75	5	75	10
F5306/75	6	75	10
F5307/75	7	75	10

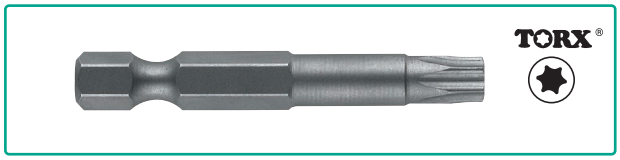


Attacco - *Drive* DIN 3126 - E6,35
Impronta - *Tip* DIN 5264-C

Articolo Article		L	Testa vite Ø Screw head Ø	
F5324/94	4	94	4-5 mm	10
F5325/94	5	94	5-6 mm	10
F5326/94	6	94	6-8 mm	10
F5327/94	7	94	8-10 mm	10

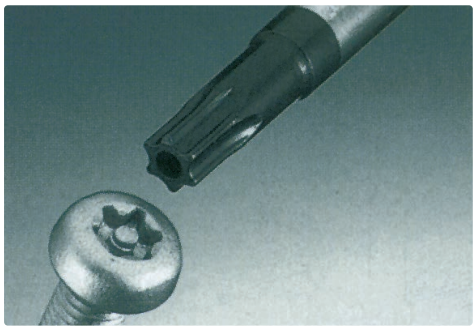


TORX®

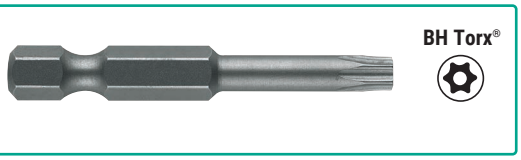


Attacco - *Drive* DIN 3126 - E6,35
Impronta - *Tip* Torx®

Articolo Article		L	
FT4305/50	T5	50	10
FT4306/50	T6	50	10
FT4307/50	T7	50	10
FT4308/50	T8	50	10
FT4309/50	T9	50	10
FT4310/50	T10	50	10
FT4315/50	T15	50	10
FT4320/50	T20	50	10
FT4325/50	T25	50	10
FT4327/50	T27	50	10
FT4330/50	T30	50	10
FT4340/50	T40	50	10
FT4306/70	T6	70	10
FT4307/70	T7	70	10
FT4308/70	T8	70	10
FT4309/70	T9	70	10
FT4310/70	T10	70	10
FT4315/70	T15	70	10
FT4320/70	T20	70	10
FT4325/70	T25	70	10
FT4327/70	T27	70	10
FT4330/70	T30	70	10
FT4340/70	T40	70	10
FT4308/150	T8	150	10
FT4309/150	T9	150	10
FT4310/150	T10	150	10
FT4315/150	T15	150	10
FT4320/150	T20	150	10
FT4325/150	T25	150	10
FT4327/150	T27	150	10
FT4330/150	T30	150	10
FT4340/150	T40	150	10



TORX® CON FORO

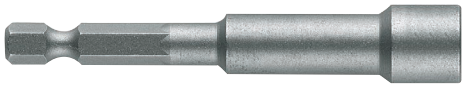


Attacco - *Drive* DIN 3126 - E6,35
Impronta - *Tip* Tamper Torx®
Torx con foro - *Bore Hole Torx*

Articolo Article		L	
FTF4306/50	T6H	50	10
FTF4307/50	T7H	50	10
FTF4308/50	T8H	50	10
FTF4309/50	T9H	50	10
FTF4310/50	T10H	50	10
FTF4315/50	T15H	50	10
FTF4320/50	T20H	50	10
FTF4325/50	T25H	50	10
FTF4327/50	T27H	50	10
FTF4330/50	T30H	50	10
FTF4340/50	T40H	50	10
FTF4310/70	T10H	70	10
FTF4315/70	T15H	70	10
FTF4320/70	T20H	70	10
FTF4325/70	T25H	70	10
FTF4327/70	T27H	70	10
FTF4330/70	T30H	70	10
FTF4340/70	T40H	70	10
FTF4310/150	T10H	150	10
FTF4315/150	T15H	150	10
FTF4320/150	T20H	150	10
FTF4325/150	T25H	150	10
FTF4327/150	T27H	150	10
FTF4330/150	T30H	150	10
FTF4340/150	T40H	150	10



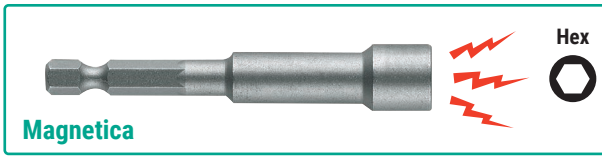
CHIAVI A BUSSOLA



Hex

Attacco - *Drive* DIN 3126 - E6,35

Articolo Article			
F1304/50	4	50	10
F1345/50	4,5	50	10
F1305/50	5	50	10
F1355/50	5,5	50	10
F1306/50	6	50	10
F1307/50	7	50	10
F1308/50	8	50	10
F1309/50	9	50	10
F1310/50	10	50	10
F1311/50	11	50	10
F1312/50	12	50	10
F1313/50	13	50	10
F1314/50	14	50	10
F1317/55	17	55	10
F1304/75	4	75	10
F1345/75	4,5	75	10
F1305/75	5	75	10
F1355/75	5,5	75	10
F1306/75	6	75	10
F1307/75	7	75	10
F1308/75	8	75	10
F1309/75	9	75	10
F1310/75	10	75	10
F1311/75	11	75	10
F1312/75	12	75	10
F1313/75	13	75	10
F1314/75	14	75	10
F1304/100	4	100	10
F1345/100	4,5	100	10
F1305/100	5	100	10
F1355/100	5,5	100	10
F1306/100	6	100	10
F1307/100	7	100	10
F1308/100	8	100	10
F1309/100	9	100	10
F1310/100	10	100	10
F1311/100	11	100	10
F1312/100	12	100	10
F1313/100	13	100	10
F1314/100	14	100	10



Hex

Magnetica

Attacco - *Drive* DIN 3126 - E6,35

Magnetica - *Magnetic*

Articolo Article				
F1305/50 M	5	50	Magnetic	10
F1355/50 M	5,5	50	Magnetic	10
F1306/50 M	6	50	Magnetic	10
F1307/50 M	7	50	Magnetic	10
F1308/50 M	8	50	Magnetic	10
F1310/50 M	10	50	Magnetic	10
F1313/50 M	13	50	Magnetic	10
F1305/75 M	5	75	Magnetic	10
F1355/75 M	5,5	75	Magnetic	10
F1306/75 M	6	75	Magnetic	10
F1307/75 M	7	75	Magnetic	10
F1308/75 M	8	75	Magnetic	10
F1310/75 M	10	75	Magnetic	10
F1313/75 M	13	75	Magnetic	10
F1305/100 M	5	100	Magnetic	10
F1355/100 M	5,5	100	Magnetic	10
F1306/100 M	6	100	Magnetic	10
F1307/100 M	7	100	Magnetic	10
F1308/100 M	8	100	Magnetic	10
F1310/100 M	10	100	Magnetic	10
F1313/100 M	13	100	Magnetic	10



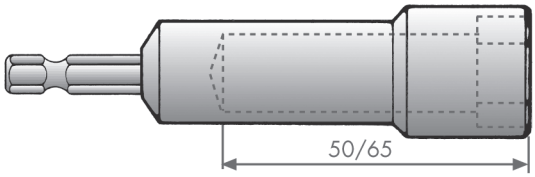
Hex

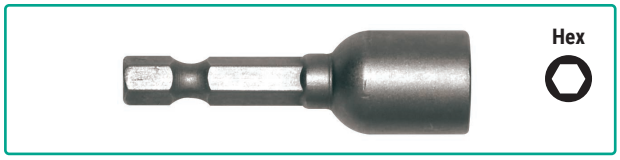
Scarico maggiorato

Attacco - *Drive* DIN 3126 - E6,35

Scarico maggiorato - *Extra deep throat*

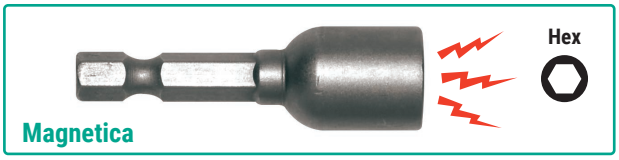
Articolo Article			Scarico Depth	
F1605,5/100	5,5	100	50	10
F1607/100	7	100	50	10
F1608/100	8	100	50	10
F1610/100	10	100	50	10
F1613/100	13	100	65	10
F1617/100	17	100	65	10





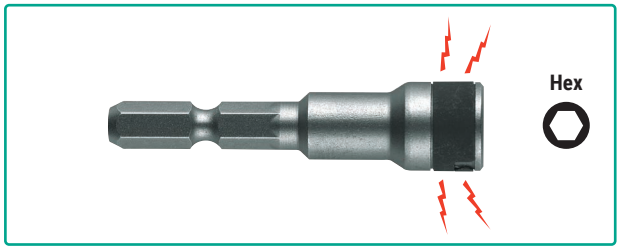
Attacco - *Drive* DIN 3126 - E6,35
Impronta - *Tip* DIN 3129

Articolo Article			
F1306/48E	6	48	10
F1307/48E	7	48	10
F1308/48E	8	48	10
F1310/48E	10	48	10
F1313/48E	13	48	10



Attacco - *Drive* DIN 3126 - E6,35
Impronta - *Tip* DIN 3129
Magnetica - *Magnetic*

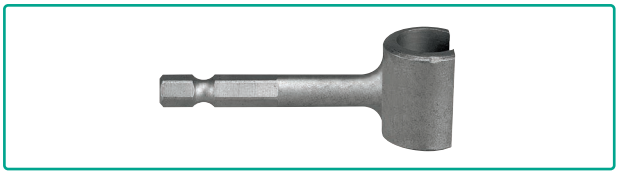
Articolo Article				
F1306/48ME	6	48	Magnetic	10
F1307/48ME	7	48	Magnetic	10
F1308/48ME	8	48	Magnetic	10
F1310/48ME	10	48	Magnetic	10
F1313/48ME	13	48	Magnetic	10



Attacco - *Drive* DIN 3126 - E6,35
Ritenzione a pressione - Per viti con rondella
For screws with under head washer

Articolo Article			
F207/55M	7	55	10
F208/55M	8	55	10
F210/55M	10	55	10

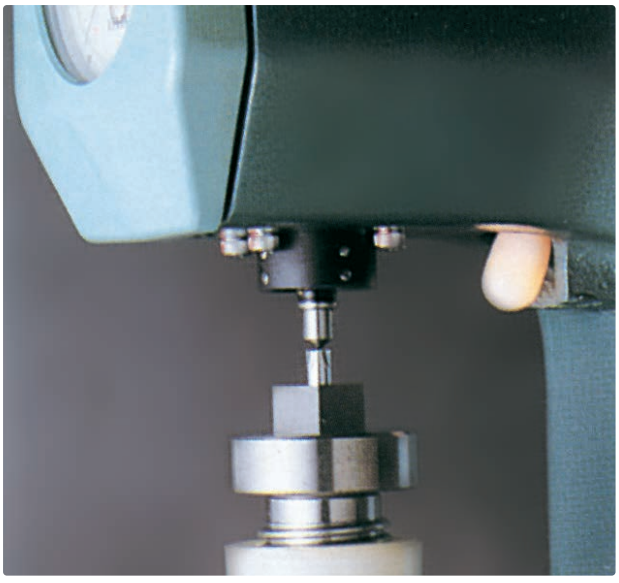
CHIAVI ANUBA



Attacco - *Drive* DIN 3126 - E6,35
Chiavi per cerniere anuba - *Sockets for anuba hinges*

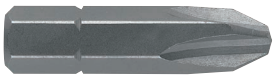
Articolo Article			
FPA 9	9	60	10
FPA 11	11	60	10
FPA 13	13	60	10
FPA 14	14	60	10
FPA 16	16	60	10





Fresato

Phillips®

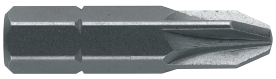


Attacco - *Drive* DIN 3126 - C8
Impronta - *Tip* DIN 5260 PH Phillips®
Fresato - *Milled*

Articolo Article		L	
F3012/35	PH2	35	30
F3013/35	PH3	35	30
F3014/35	PH4	35	30

Fresato

Pozidriv®



Attacco - *Drive* DIN 3126 - C8
Impronta - *Tip* DIN 5260 PZ Pozidriv®
Fresato - *Milled* **62 HRC**

Articolo Article		L	
F3012/35 PZD	PZ2	35	30
F3013/35 PZD	PZ3	35	30
F3014/35 PZD	PZ4	35	30

Torx®

TORX®

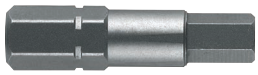


Attacco - *Drive* DIN 3126 - C8
Impronta - *Tip* Torx®

Articolo Article		L	
FT40/35	T40	35	10
FT45/35	T45	35	10
FT50/35	T50	35	10
FT55/35	T55	35	10

Brugola

Hexagon



Attacco - *Drive* DIN 3126 - C8
Impronta - *Tip* Brugola - *Hexagon*

Articolo Article		L	
F3043/34	3	34	10
F3044/34	4	34	10
F3045/34	5	34	10
F3046/34	6	34	10
F3048/34	8	34	10
F3050/34	10	34	10
F3052/34	12	34	10

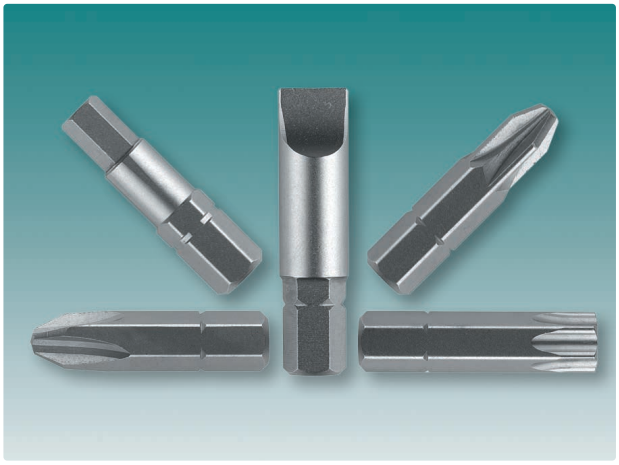
Taglio testa piana

Flat



Attacco - *Drive* DIN 3126 - C8
Impronta - *Tip* DIN 5264-C

Articolo Article		L	
F5705/41	5	41	10
F5755/41	5,5	41	10
F5706/41	6	41	10
F5765/41	6,5	41	10
F5707/41	7	41	10
F5775/41	7,5	41	10
F5708/41	8	41	10
F5709/41	9	41	10
F5710/41	10	41	10
F5712/41	12	41	10
F5714/41	14	41	10



PHILLIPS®

M4

Phillips®



Attacco - *Drive* M4
Impronta - *Tip* DIN 5260-PH Phillips®

Articolo Article		L	
F3491/34	PH1	34	20
F3492/34	PH2	34	20

M5

Phillips®



Attacco - *Drive* M5
Impronta - *Tip* DIN 5260-PH Phillips®

Articolo Article		L	
F3591/34	PH1	34	20
F3592/34	PH2	34	20
F3591/45	PH1	45	20
F3592/45	PH2	45	20

3/16"

Phillips®



Attacco - *Drive* 3/16"
Impronta - *Tip* DIN 5260-PH Phillips®

Articolo Article		L	
F3391/45	PH1	45	20
F3392/45	PH2	45	20

POZIDRIV®

M4

Pozidriv®



Attacco - *Drive* M4
Impronta - *Tip* DIN 5260-PZ Pozidriv®

Articolo Article		L	
F3491/34 PZD	PZ1	34	20
F3492/34 PZD	PZ2	34	20

M5

Pozidriv®



Attacco - *Drive* M5
Impronta - *Tip* DIN 5260-PZ Pozidriv®

Articolo Article		L	
F3591/34 PZD	PZ1	34	20
F3592/34 PZD	PZ2	34	20
F3591/45 PZD	PZ1	45	20
F3592/45 PZD	PZ2	45	20

3/16"

Pozidriv®



Attacco - *Drive* 3/16"
Impronta - *Tip* DIN 5260-PZ Pozidriv®

Articolo Article		L	
F3391/45 PZD	PZ1	45	20
F3392/45 PZD	PZ2	45	20

M4 Torx®



Attacco - *Drive* M4
Impronta - *Tip* Torx®

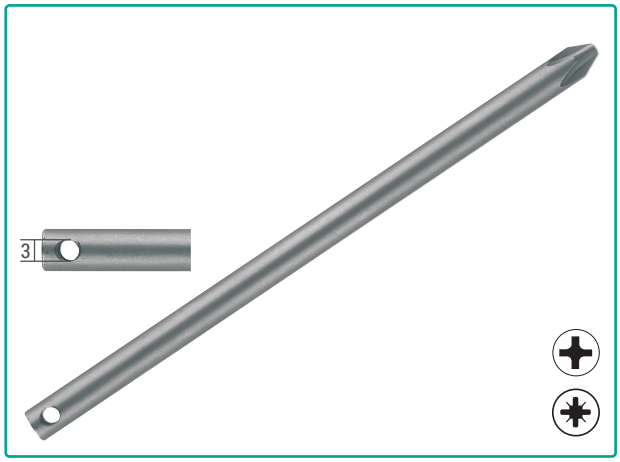
Articolo Article			
FT3408/34	T8	34	20
FT3409/34	T9	34	20
FT3410/34	T10	34	20
FT3415/34	T15	34	20

M5 Torx®



Attacco - *Drive* M5
Impronta - *Tip* Torx®

Articolo Article			
FT3510/45	T10	45	20
FT3515/45	T15	45	20
FT3520/45	T20	45	20
FT3525/45	T25	45	20



Lama a spina - Pin *drive*
Impronta - *Tip* DIN 5260 - PH Phillips®
DIN 5260 - PZ Pozidriv®

Articolo Article			Ø	
LAMA/125	PH2	125	6	10
LAMA/125 PZD	PZ2	125	6	10
XXXxx/xx	xx	xx	Su richiesta/*On demand*	xx

XX **XX**



Attacco - *Drive* xx
Impronta - *Tip* xx

Articolo Article	XX			
F3x9x	xx	xx	Su richiesta/*On request*	xx

Per inserti filettati

1/4"



Attacco - *Drive* DIN 3126 - E6,35
Portabit filettato - *Thread bit holder*

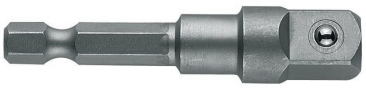
Articolo Article			
F3390/84	3/16"	84	20
F3490/84	4MA	84	20
F3590/84	5MA	84	20
F3x90/xx	xx	Su richiesta/*On demand*	xx



AIR TOOLING SYSTEM

ADATTATORI

1/4"



Attacco - *Drive* DIN 3121
Alloggiamento - *Housing* DIN 3121 - E6,35 / DIN 3121 - E9,5

Articolo Article		L	
F314/50	6,35 (1/4")	50	10
F314/100	6,35 (1/4")	100	10
F338/50	9,5 (3/8")	50	10
F338/100	9,5 (3/8")	100	10
F312/55	12,7 (1/2")	55	10



Square

Attacco - *Drive* DIN 3121
Adattatori - *Adapters*

Articolo Article			L	
F2013/25	1/4"	3/8"	25	1
F2021/32	3/8"	1/4"	32	1
F2023/38	3/8"	1/2"	38	1
F2032/44	1/2"	3/8"	44	1
F2035/50	1/2"	3/4"	50	1
F2043/60	3/4"	1/2"	60	1
F2044/65	3/4"	1"	65	1
F2053/74	1"	3/4"	74	1



O-ring + spina opzionale
Optional O-ring & Pin

Articolo Article	Per Art. To be used with art.	
A/S1	F2504/25 ... F2517/25	1
A/S2	F2606/32 ... F2612/32	1
A/S3	F2613/32 ... F2619/32	1
A/S4	F2708/40 ... F2714/40	1
A/S5	F2715/40 ... F2732/48	1
A/S6	F2817/51 ... F2846/63	1
A/S7	F2919/58 ... F2970/100	1
A/S8	F2975/104 ... F2990/112	1

PROLUNGHE



Square

Attacco - *Drive* DIN 3121
Prolunghe - *Extension bars*

Articolo Article			L	
F2011/50	1/4"	1/4"	50	1
F2011/100	1/4"	1/4"	100	1
F2022/75	3/8"	3/8"	75	1
F2022/125	3/8"	3/8"	125	1
F2033/75	1/2"	1/2"	75	1
F2033/125	1/2"	1/2"	125	1
F2042/175	3/4"	3/4"	175	1
F2042/250	3/4"	3/4"	250	1
F2052/175	1"	1"	175	1
F2052/250	1"	1"	250	1



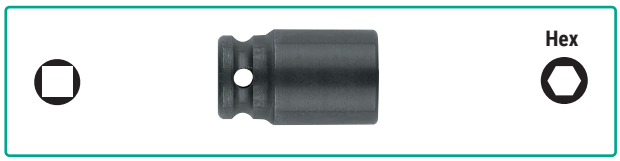
SNODI



Square

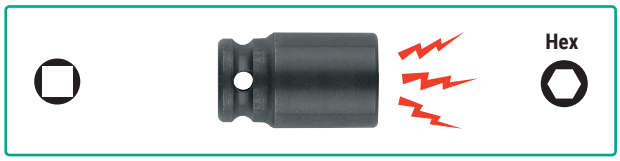
Attacco - *Drive* DIN 3121
Snodi - *Universal joints*

Articolo Article			L	
F2012/35	1/4"	1/4"	35	1
F2024/46	3/8"	3/8"	46	1
F2034/64	1/2"	1/2"	64	1
F2045/96	3/4"	3/4"	96	1
F2054/120	1"	1"	120	1



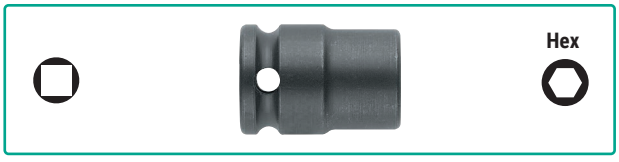
Attacco - *Drive* DIN 3121
Impronta - *Tip* DIN 3129
Bussola a macchina - *Impact square drive socket*

Articolo Article				
F2504/25	1/4"	4	25	10
F2545/25	1/4"	4,5	25	10
F2505/25	1/4"	5	25	10
F2555/25	1/4"	5,5	25	10
F2506/25	1/4"	6	25	10
F2507/25	1/4"	7	25	10
F2508/25	1/4"	8	25	10
F2509/25	1/4"	9	25	10
F2510/25	1/4"	10	25	10
F2511/25	1/4"	11	25	10
F2512/25	1/4"	12	25	10
F2513/25	1/4"	13	25	10
F2514/25	1/4"	14	25	10
F2517/25	1/4"	17	25	10



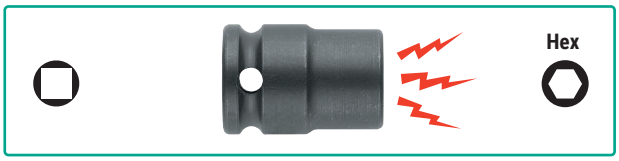
Attacco - *Drive* DIN 3121
Impronta - *Tip* DIN 3129
Bussola a macchina magnetica
Magnetic impact square drive socket

Articolo Article					
F2505/25 **M**	1/4"	5	25	Magnetic	10
F2555/25 **M**	1/4"	5,5	25	Magnetic	10
F2506/25 **M**	1/4"	6	25	Magnetic	10
F2507/25 **M**	1/4"	7	25	Magnetic	10
F2508/25 **M**	1/4"	8	25	Magnetic	10
F2509/25 **M**	1/4"	9	25	Magnetic	10
F2510/25 **M**	1/4"	10	25	Magnetic	10
F2511/25 **M**	1/4"	11	25	Magnetic	10
F2512/25 **M**	1/4"	12	25	Magnetic	10
F2513/25 **M**	1/4"	13	25	Magnetic	10
F2514/25 **M**	1/4"	14	25	Magnetic	10
F2517/25 **M**	1/4"	17	25	Magnetic	10



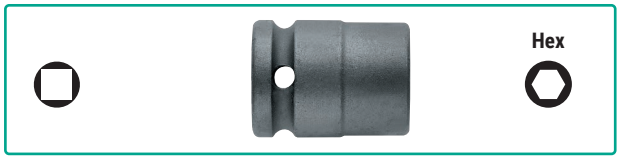
Attacco - *Drive* DIN 3121
Impronta - *Tip* DIN 3129
Bussola a macchina - *Impact square drive socket*

Articolo Article				
F2606/32	3/8"	6	32	10
F2607/32	3/8"	7	32	10
F2608/32	3/8"	8	32	10
F2609/32	3/8"	9	32	10
F2610/32	3/8"	10	32	10
F2611/32	3/8"	11	32	10
F2612/32	3/8"	12	32	10
F2613/32	3/8"	13	32	10
F2614/32	3/8"	14	32	10
F2617/34	3/8"	17	34	10
F2619/34	3/8"	19	34	10



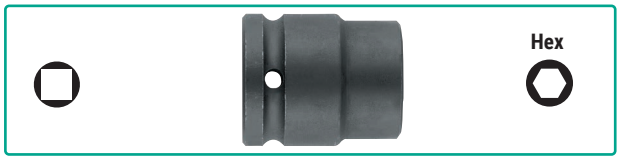
Attacco - *Drive* DIN 3121
Impronta - *Tip* DIN 3129
Bussola a macchina magnetica
Magnetic impact square drive socket

Articolo Article					
F2606/32 **M**	3/8"	6	32	Magnetic	10
F2607/32 **M**	3/8"	7	32	Magnetic	10
F2608/32 **M**	3/8"	8	32	Magnetic	10
F2609/32 **M**	3/8"	9	32	Magnetic	10
F2610/32 **M**	3/8"	10	32	Magnetic	10
F2611/32 **M**	3/8"	11	32	Magnetic	10
F2612/32 **M**	3/8"	12	32	Magnetic	10
F2613/32 **M**	3/8"	13	32	Magnetic	10
F2614/32 **M**	3/8"	14	32	Magnetic	10
F2617/34 **M**	3/8"	17	34	Magnetic	10
F2619/34 **M**	3/8"	19	34	Magnetic	10



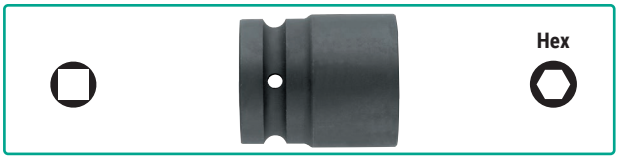
Attacco - *Drive* DIN 3121
Impronta - *Tip* DIN 3129
Bussola a macchina - *Impact square drive socket*

Articolo Article			L	
F2708/40	1/2"	8	40	5
F2709/40	1/2"	9	40	5
F2710/40	1/2"	10	40	5
F2711/40	1/2"	11	40	5
F2712/40	1/2"	12	40	5
F2713/40	1/2"	13	40	5
F2714/40	1/2"	14	40	5
F2717/40	1/2"	17	40	5
F2719/40	1/2"	19	40	5
F2722/40	1/2"	22	40	5
F2724/45	1/2"	24	45	5
F2727/48	1/2"	27	48	5
F2730/45	1/2"	30	50	5
F2732/48	1/2"	32	50	5



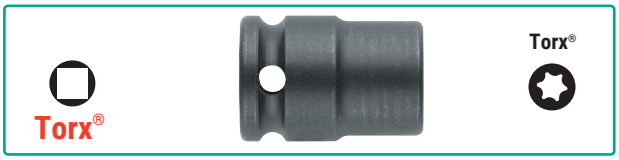
Attacco - *Drive* DIN 3121
Impronta - *Tip* DIN 3129
Bussola a macchina - *Impact square drive socket*

Articolo Article			L	
F2817/51	3/4"	17	51	1
F2819/51	3/4"	19	51	1
F2822/51	3/4"	22	51	1
F2824/51	3/4"	24	51	1
F2827/54	3/4"	27	54	1
F2830/54	3/4"	30	54	1
F2832/57	3/4"	32	57	1
F2833/57	3/4"	33	57	1
F2834/57	3/4"	34	57	1
F2836/57	3/4"	36	57	1



Attacco - *Drive* DIN 3121
Impronta - *Tip* DIN 3129
Bussola a macchina - *Impact square drive socket*

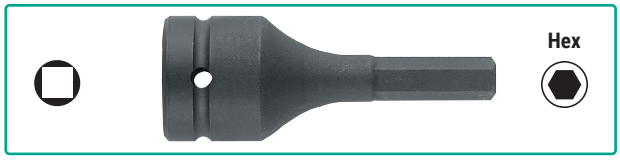
Articolo Article			L	
F2922/58	1"	22	58	1
F2924/60	1"	24	60	1
F2927/60	1"	27	60	1
F2930/62	1"	30	62	1
F2932/63	1"	32	63	1
F2933/63	1"	33	63	1
F2936/67	1"	36	67	1
F2938/67	1"	38	67	1
F2941/70	1"	41	70	1
F2946/76	1"	46	76	1
F2950/82	1"	50	82	1
F2955/87	1"	55	87	1
F2960/91	1"	60	91	1



Attacco - *Drive* DIN 3121
Impronta - *Tip* Torx®
Bussola a macchina - *Impact square drive socket*

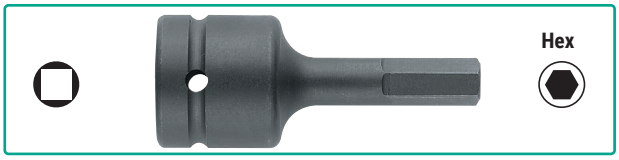
Articolo Article			L	
F27-E10/40	1/2"	E10	40	1
F27-E12/40	1/2"	E12	40	1
F27-E14/40	1/2"	E14	40	1
F27-E16/40	1/2"	E16	40	1
F27-E18/40	1/2"	E18	40	1
F27-E20/40	1/2"	E20	40	1





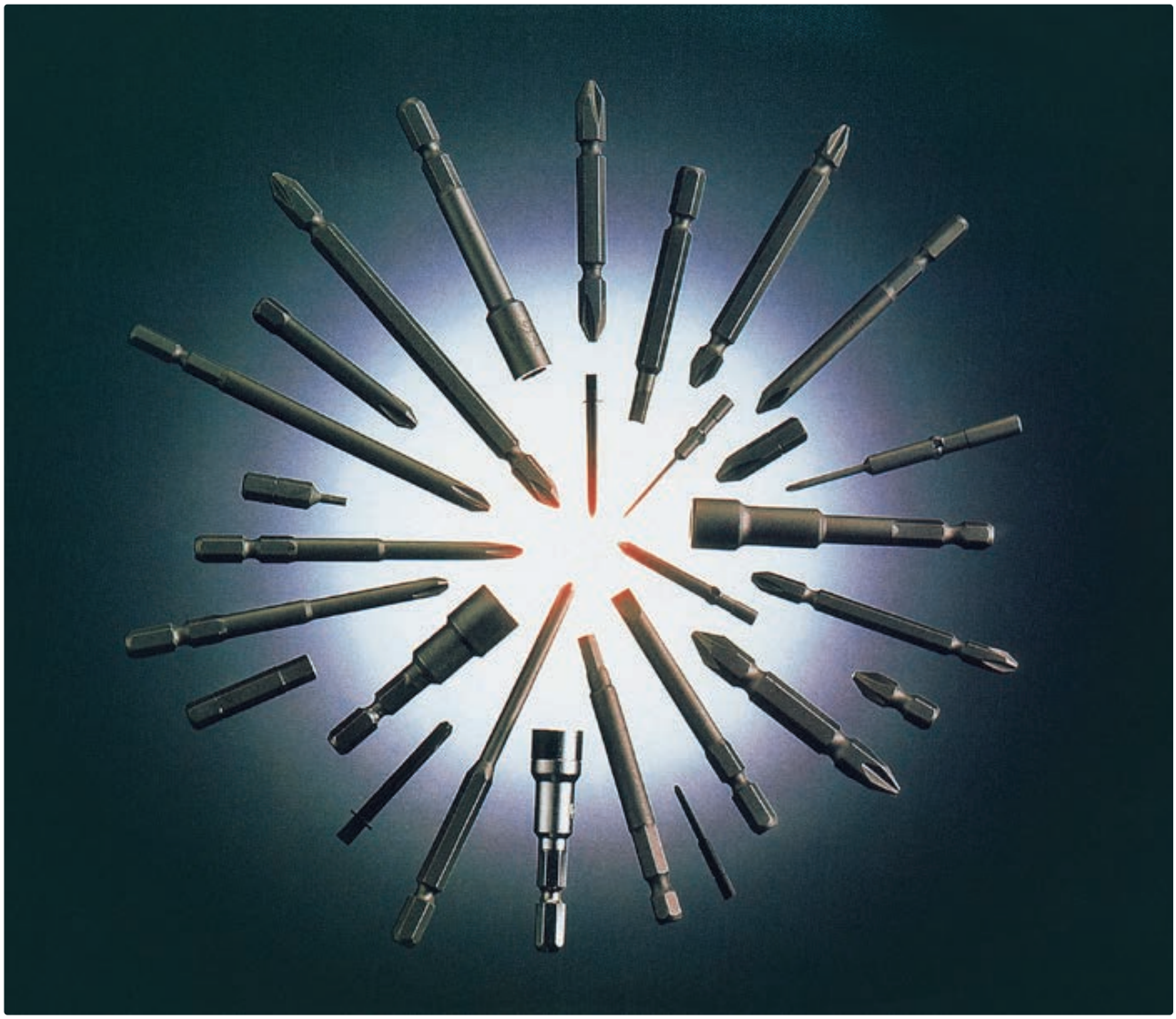
Attacco - *Drive* DIN 3121
Impronta - *Tip* Brugola testa esagonale - *Hexagon*

Articolo Article				
F26-B04/50	3/8"	4	50	1
F26-B05/50	3/8"	5	50	1
F26-B06/50	3/8"	6	50	1
F26-B08/60	3/8"	8	60	1
F26-B10/60	3/8"	10	60	1
F26-B12/60	3/8"	12	60	1



Attacco - *Drive* DIN 3121
Impronta - *Tip* Brugola testa esagonale - *Hexagon*

Articolo Article				
F27-B05/60	1/2"	5	55	1
F27-B06/60	1/2"	6	55	1
F27-B08/60	1/2"	8	55	1
F27-B10/65	1/2"	10	55	1
F27-B12/65	1/2"	12	40	1
F27-B14/65	1/2"	14	40	1





Phillips®

Desoutter

Attacco - *Drive* 5/16"
Impronta - *Tip* DIN 5260 PH Phillips®

Articolo Article		L	
F4401/50	PH1	50	10
F4402/50	PH2	50	10
F4403/50	PH3	50	10
F4401/75	PH1	75	10
F4402/75	PH2	75	10
F4403/75	PH3	75	10
F4401/100	PH1	100	10
F4402/100	PH2	100	10
F4403/100	PH3	100	10



Pozidriv®

Desoutter

Attacco - *Drive* 5/16"
Impronta - *Tip* DIN 5260 PH Pozidriv®

Articolo Article		L	
F4401/50 PZD	PZ1	50	10
F4402/50 PZD	PZ2	50	10
F4403/50 PZD	PZ3	50	10
F4401/75 PZD	PZ1	75	10
F4402/75 PZD	PZ2	75	10
F4403/75 PZD	PZ3	75	10
F4401/100 PZD	PZ1	100	10
F4402/100 PZD	PZ2	100	10
F4403/100 PZD	PZ3	100	10



Hexagon

Desoutter

Attacco - *Drive* 5/16"
Impronta - *Tip* Brugola - *Hexagon*

Articolo Article		L	
F1432/70	2	70	10
F1433/70	3	70	10
F1434/70	4	70	10
F1435/70	5	70	10
F1436/70	6	70	10
F1437/70	7	70	10
F1438/70	8	70	10
F1439/70	9	70	10
F1440/70	10	70	10



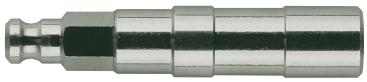
Flat

Desoutter

Attacco - *Drive* 5/16"
Impronta - *Tip* DIN 5264 - C

Articolo Article		L	
F5403/50	3	51	10
F5435/50	3,5	51	10
F5404/50	4	51	10
F5445/50	4,5	51	10
F5405/50	5	51	10
F5455/50	5,5	51	10
F5406/50	6	51	10
F5465/50	6,5	51	10
F5407/50	7	51	10
F5475/50	7,5	51	10
F5408/50	8	51	10
F5485/50	8,5	51	10
F5409/50	9	51	10
F5410/50	10	51	10
F5411/50	11	51	10
F5412/50	12	51	10
F5403/76	3	76	10
F5435/76	3,5	76	10
F5404/76	4	76	10
F5445/76	4,5	76	10
F5405/76	5	76	10
F5455/76	5,5	76	10
F5406/76	6	76	10
F5465/76	6,5	76	10
F5407/76	7	76	10
F5475/76	7,5	76	10
F5408/76	8	76	10
F5485/76	8,5	76	10
F5409/76	9	76	10
F5410/76	10	76	10
F5411/76	11	76	10
F5412/76	12	76	10

PORTAINSERTI



Desoutter

Attacco - *Drive* 5/16"
Alloggiamento - *Housing* DIN 3126 - D6,35

Articolo Article		L		
F3414/50	6,35 (1/4")	50	–	10
F3414/54M	6,35 (1/4")	54	Magnetic	10
F3416/60	8 (5/16")	60	–	10
F3416/70M	8 (5/16")	70	Magnetic	10

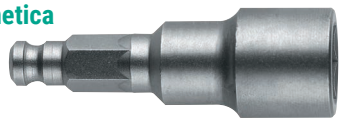


Hex

Attacco - *Drive* 5/16"
Impronta - *Tip* Bussola - *Nutsetter*

Articolo Article		L	
F1404/50	4	50	10
F1445/50	4,5	50	10
F1405/50	5	50	10
F1455/50	5,5	50	10
F1406/50	6	50	10
F1407/50	7	50	10
F1408/50	8	50	10
F1409/50	9	50	10
F1410/50	10	50	10
F1411/50	11	50	10
F1412/50	12	50	10
F1413/50	13	50	10
F1414/50	14	50	10
F1417/50	17	55	10
F1404/75	4	75	10
F1445/75	4,5	75	10
F1405/75	5	75	10
F1455/75	5,5	75	10
F1406/75	6	75	10
F1407/75	7	75	10
F1408/75	8	75	10
F1409/75	9	75	10
F1410/75	10	75	10
F1411/75	11	75	10
F1412/75	12	75	10
F1413/75	13	75	10
F1414/75	14	75	10
F1417/75	17	75	10
F1404/100	4	100	10
F1445/100	4,5	100	10
F1405/100	5	100	10
F1455/100	5,5	100	10
F1406/100	6	100	10
F1407/100	7	100	10
F1408/100	8	100	10
F1409/100	9	100	10
F1410/100	10	100	10
F1411/100	11	100	10
F1412/100	12	100	10
F1413/100	13	100	10
F1414/100	14	100	10
F1417/100	17	100	10

Magnetica



Hex

Attacco - *Drive* 5/16"
Impronta - *Tip* Bussola - *Nutsetter*
Magnetica - *Magnetic*

Articolo Article		L		
F1405/50 M	5	50	Magnetic	5
F1455/50 M	5,5	50	Magnetic	5
F1406/50 M	6	50	Magnetic	5
F1407/50 M	7	50	Magnetic	5
F1408/50 M	8	50	Magnetic	5
F1410/50 M	10	50	Magnetic	5
F1405/75 M	5	75	Magnetic	5
F1455/75 M	5,5	75	Magnetic	5
F1406/75 M	6	75	Magnetic	5
F1407/75 M	7	75	Magnetic	5
F1408/75 M	8	75	Magnetic	5
F1410/75 M	10	75	Magnetic	5
F1405/100 M	5	100	Magnetic	5
F1455/100 M	5,5	100	Magnetic	5
F1406/100 M	6	100	Magnetic	5
F1407/100 M	7	100	Magnetic	5
F1408/100 M	8	100	Magnetic	5
F1410/100 M	10	100	Magnetic	5

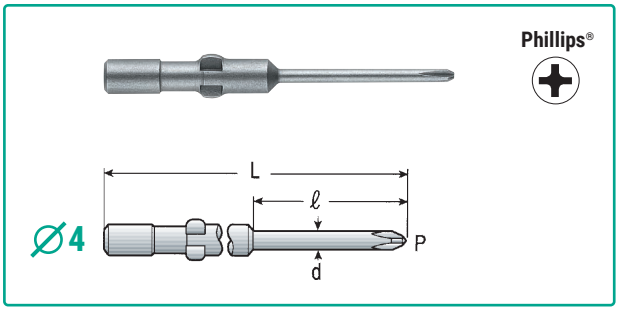
ADATTATORI

5-16"



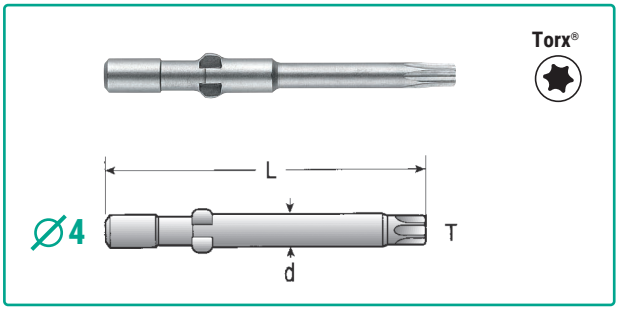
Attacco - *Drive* 5/16"
Alloggiamento - *Housing* DIN 3121 - E6,35 / DIN 3121 - E9,5

Articolo Article		L	
F414/50	6,35 (1/4")	50	10
F414/100	6,35 (1/4")	100	10
F438/50	9,5 (3/8")	50	10
F438/100	9,5 (3/8")	100	10



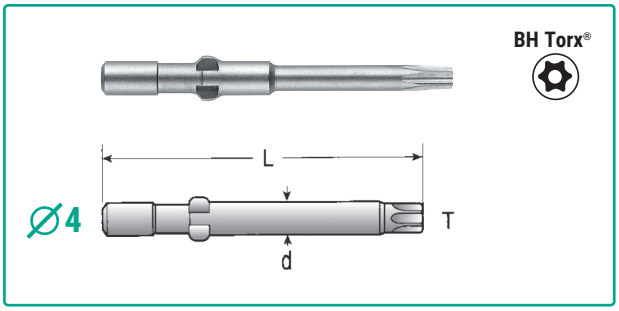
Attacco - *Drive* Diam 4 mm
Impronta - *Tip* PH Phillips®
Attacco Hios - *Hios shank drive*

Articolo Article		L	P x d x l x L	
D73	PH00	40	00 x 1,2 x 20 x 40	50
D73	PH00	40	00 x 1,5 x 20 x 40	50
D73	PH00	40	00 x 1,7 x 20 x 40	50
D73	PH00	40	00 x 2 x 20 x 40	50
D73	PH00	40	00 x 2 x 25 x 40	50
D73	PH0	40	0 x 1,4 x 20 x 40	50
D73	PH0	40	0 x 1,7 x 20 x 40	50
D73	PH0	40	0 x 2 x 20 x 40	50
D73	PH0	40	0 x 2,5 x 20 x 40	50
D73	PH0	40	0 x 3 x 20 x 40	50
D73	PH1	40	1 x 2,2 x 20 x 40	50
D73	PH1	40	1 x 2,5 x 20 x 40	50
D73	PH1	40	1 x 3 x 20 x 40	50
D73	PH2	60	2 x 3 x 20 x 60	50
D73	PH2	60	2 x 4 x 60	50
D73	xx	xx	a richiesta - *on demand*	



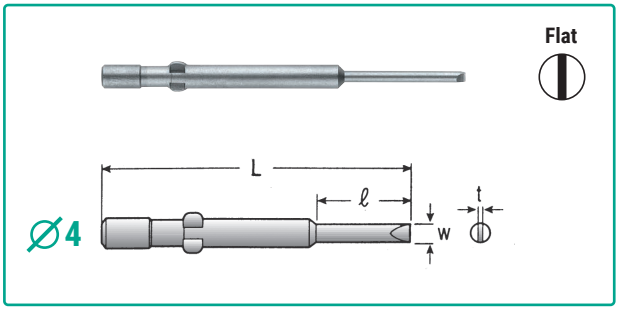
Attacco - *Drive* Diam 4 mm
Impronta - *Tip* Torx®
Attacco Hios - *Hios shank drive*

Articolo Article		L	T x d x L	
D73	T5	60	T5 x 2 x 20 x 60	50
D73	T6	60	T6 x 2 x 20 x 60	50
D73	T7	60	T7 x 2 x 20 x 60	50



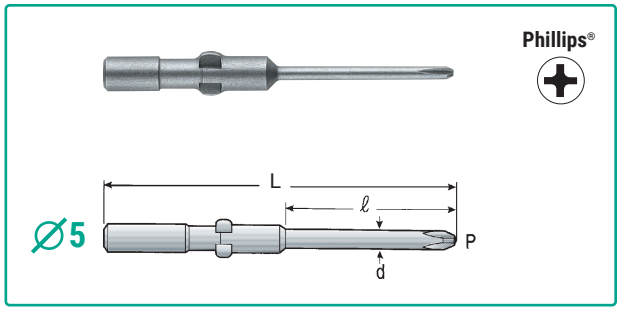
Attacco - *Drive* Diam 4 mm
Impronta - *Tip* Tamper Torx®
Attacco Hios - *Hios shank drive*

Articolo Article		L	T x d x L	
D73	T8H	60	T8H x 4 x 60	50
D73	T10H	60	T10H x 4 x 60	50
D73	T15H	60	T15H x 4 x 60	50



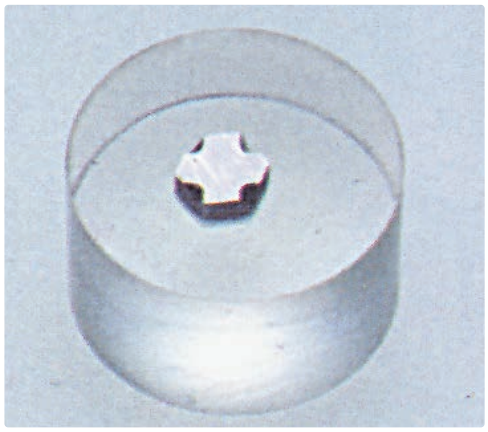
Attacco - *Drive* Diam 4 mm
Impronta - *Tip* PH Phillips®
Attacco Hios - *Hios shank drive*

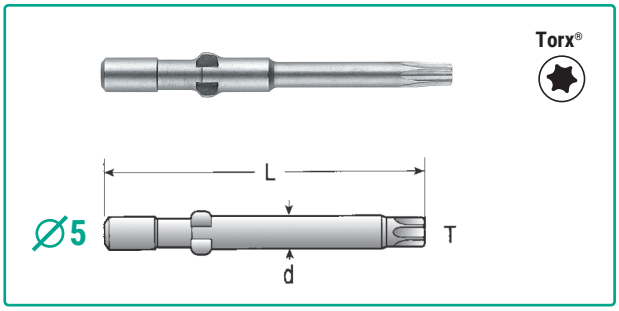
Articolo Article		L	W x t x l x L	
D73	1,1	40	1,1 x 0,28 x 20 x 40	50
D73	1,3	40	1,3 x 0,28 x 20 x 40	50
D73	1,5	40	1,5 x 0,3 x 20 x 40	50
D73	1,7	40	1,7 x 0,3 x 20 x 40	50
D73	1,8	60	1,8 x 0,4 x 20 x 60	50
D73	2	60	2 x 0,4 x 20 x 60	50
D73	2,3	60	2,3 x 0,4 x 20 x 60	50
D73	2,5	60	2,5 x 0,4 x 20 x 60	50
D73	2,8	60	2,8 x 0,4 x 20 x 60	50
D73	3	60	3 x 0,4 x 20 x 60	50
D73	4	60	4 x 0,6 x 20 x 60	50



Attacco - *Drive* Diam 5 mm
Impronta - *Tip* PH Phillips®
Attacco Hios - *Hios shank drive*

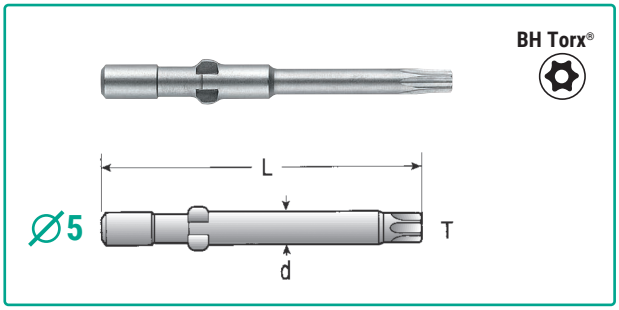
Articolo Article		L	P x d x l x L	
D76	PH00	60	00 x 2 x 20 x 60	50
D76	PH0	80	0 x 2,5 x 30 x 80	50
D76	PH1	100	1 x 2,6 x 30 x 100	50
D76	PH1	100	1 x 3 x 30 x 100	50
D76	PH1	100	1 x 5 x 100	50
D76	PH2	100	2 x 3 x 40 x 100	50
D76	PH2	100	2 x 5 x 100	50
D76	xx	xx	a richiesta - *on demand*	xx





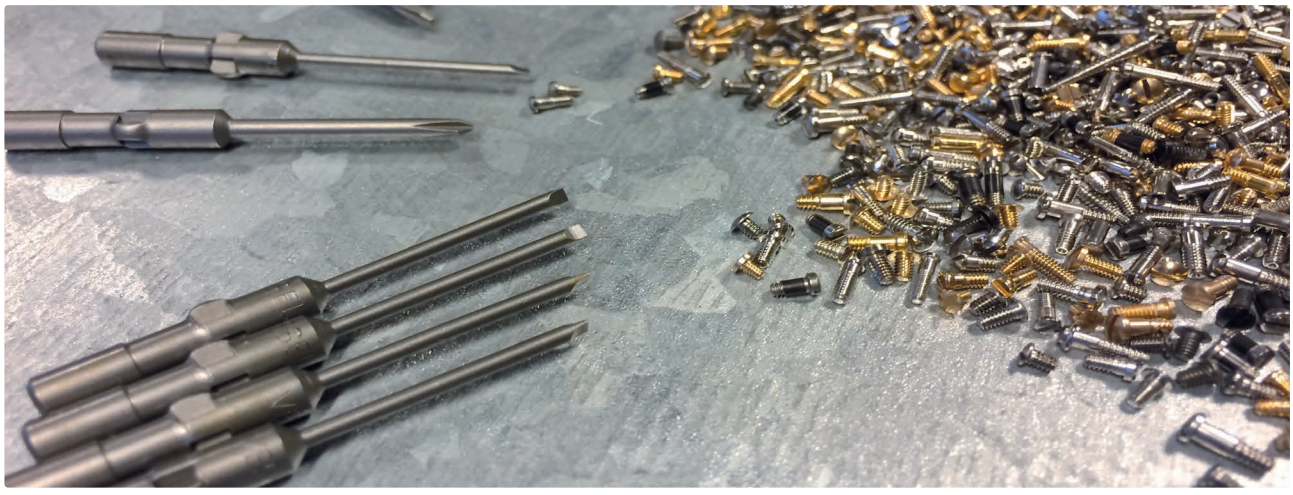
Attacco - *Drive* Diam 5 mm
Impronta - *Tip* Torx®
Attacco Hios - *Hios shank drive*

Articolo Article		L	T x d x L	
D76	T5	60	T5 x 5 x 60	50
D76	T6	60	T6 x 5 x 60	50
D76	T7	60	T7 x 5 x 60	50



Attacco - *Drive* Diam 5 mm
Impronta - *Tip* Tamper Torx®
Attacco Hios - *Hios shank drive*

Articolo Article		L	T x d x L	
D76	T8H	60	T8H x 5 x 60	50
D76	T10H	60	T10H x 5 x 60	50
D76	T15H	60	T15H x 5 x 60	50





Phillips®

Fein

Attacco - *Drive* DIN 3126 - G7
Impronta - *Tip* DIN 5260 PH Phillips®
7mm attacco Fein - *Fein shank drive*

Articolo Article		L	
FF001/53	PH1	53	10
FF002/53	PH2	53	10
FF003/53	PH3	53	10
FF001/70	PH1	70	10
FF002/70	PH2	70	10
FF003/70	PH3	70	10
FF001/100	PH1	100	10
FF002/100	PH2	100	10
FF003/100	PH3	100	10



Pozidriv®

Fein

Attacco - *Drive* DIN 3126 - G7
Impronta - *Tip* DIN 5260 PZ Pozidriv®
7mm attacco Fein - *Fein shank drive*

Articolo Article		L	
FF001/53 PZD	PZ1	53	10
FF002/53 PZD	PZ2	53	10
FF003/53 PZD	PZ3	53	10
FF001/70 PZD	PZ1	70	10
FF002/70 PZD	PZ2	70	10
FF003/70 PZD	PZ3	70	10
FF001/100 PZD	PZ1	100	10
FF002/100 PZD	PZ2	100	10
FF003/100 PZD	PZ3	100	10



Flat

Fein

Attacco - *Drive* DIN 3126 - G7
Impronta - *Tip* DIN 5264-C
7mm attacco Fein - *Fein shank drive*

Articolo Article		L	
F5803/53	3	53	10
F5835/53	3,5	53	10
F5804/53	4	53	10
F5845/53	4,5	53	10
F5805/53	5	53	10
F5855/53	5,5	53	10
F5806/53	6	53	10
F5807/53	7	53	10
F5808/53	8	53	10
F5809/53	9	53	10
F5810/53	10	53	10

PORTAINSERTI

G7



Fein

Attacco - *Drive* DIN 3126 - G7
Alloggiamento - *Housing* DIN 3126 - D6,35
7mm attacco Fein - *Fein shank drive*

Articolo Article		L		
FF014/65	6,35 (1/4")	65	–	10
FF014/75M	6,35 (1/4")	75	**Magnetic**	10



COLOR BOX 32 Pz.



UN COLORE DIVERSO PER OGNI IMPRONTA!

Articolo Article	Contenuto Content	
COLOR BOX	1 pz. PH 1 - 2 pz. PH 2 - 1 pz. PH 3 1 pz. PZD 1 - 2 pz. PZD 2 - 1 pz. PZD 3 1 pz. 3mm, 4mm, 5mm, 6mm 1 pz. 3mm, 4mm, 5mm, 6mm 1 pz. T10, T15, T20, T25, T27, T30, T40 1 pz. T10, T15, T20, T25, T27, T30, T40 1 Adattatore quadro 1/4" lungh. 65 mm 1 portainserti **Magnetico**	1

MINI COLOR BOX 15 Pz.



UN COLORE DIVERSO PER OGNI IMPRONTA!

Articolo Article	Contenuto Content	
MINI COLOR BOX	1 pz. PH 1 - 1 pz. PH 2 1 pz. PZD 1 - 1 pz. PZD 2 1 pz. 4mm - 1pz. 6mm 1 pz. 3mm - 1pz. 4mm - 1pz. 5mm 1 pz. T10, T15, T20, T25, T30 1 portainserti **Magnetico**	1

COBRA BRACCIALE



Espositore nr. 24
Cobra Kit inserti

Articolo Article	Contenuto Content
ESPOSITORE COBRA	Espositore completo 24 Kit Cobra



Articolo Article	Contenuto Content
COBRA KIT INSERTI	1 pz. F3001/25 C - 1 pz. F3002/25 C - 1 pz. F3003/25 C 1 pz. F3001/25 PZD C - 1 pz. F3002/25 PZD C 1 pz F3003/25 PZD C - 1 pz. F5604/25 - 1 pz. F5606/25 1 pz. F3316/60 **M** - 1 pz. COBRA BRACCIALE

TD-70

Cricchetto ultrapiatto reversibile per bit da 1/4"
Flat plate ratchet driver set 1/4" bits





Articolo Article		Contenuto Content			
TD-70	1/4"	1	F3001/25 C	⊕	PH1
		1	F3002/25 C	⊕	PH2
		1	F3003/25 C	⊕	PH3
		1	F5603/25	◑	3 mm
		1	F5604/25	◑	4 mm
		1	F3032,5/25	◉	2,5 mm
		1	F3033/25	◉	3 mm
		1	F3034/25	◉	4 mm
		1	F3035/25	◉	5 mm
		1	F3036/25	◉	6 mm
					10

U-8310

Serie chiavi 9 pz.
9 pcs. set



Articolo Article		Contenuto Content	
U-8310	◉ 1 pz.	1,5mm, 2mm, 2,5mm, 3mm 4mm, 5mm, 6mm, 8mm, 10mm	1

U-8311

Serie chiavi 7 pz.
7 pcs. set



Articolo Article		Contenuto Content	
U-8311	◉ 1 pz.	1,5mm, 2mm, 2,5mm, 3mm, 4mm, 5mm, 6mm	1

U-8312

Serie chiavi 8 pz.
8 pcs. set



Articolo Article		Contenuto Content	
U-8312	◉ 1 pz.	T9, T10, T15, T20, T25, T27, T30, T40	1

MAG

Giravite **Magnetico** per inserti da 1/4"
*1/4" **Magnetic** insert bit screw driver*
(with store)



Articolo Article		L	
MAG 43	1/4" **Magnetic** hand Driver with bit store	225	1

Articolo Article	Contenuto Content				
MAG 44	1	F3001/25	⊕	PH1	10
	1	F3002/25	⊕	PH2	
	1	F3003/25	⊕	PH3	
	1	F5604/25	◐	4	
	1	F5605/25	◐	5	
	1	F5606/25	◐	6	
	1	MAG 43		1/4" **Magnetic** hand driver with bit store	
MAG 45	1	F3001/25 PZD	✱	PZ1	10
	1	F3002/25 PZD	✱	PZ2	
	1	F3003/25 PZD	✱	PZ3	
	1	F5604/25	◐	4	
	1	F5605/25	◐	5	
	1	F5606/25	◐	6	
	1	MAG 43 1/4"		1/4" **Magnetic** hand driver with bit store	
MAG 47	1	FT10/25	✱	T10	10
	1	FT15/25	✱	T15	
	1	FT20/25	✱	T20	
	1	FT25/25	✱	T25	
	1	FT10/27	✱	T27	
	1	FT30/25	✱	T30	
	1	MAG 43		1/4" **Magnetic** hand driver with bit store	





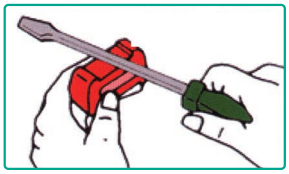


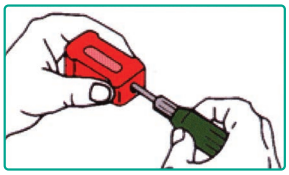
F-07 Magnetizzatore/smagnetizzatore di cacciaviti

Utile per magnetizzare far scorrere l'utensile all'interno del foro. Per smagnetizzare appoggiare l'utensile alla piastrina esterna.

Useful screwdriver magnetizer/demagnetizer
To obtain magnetization slide tool into the hole.
To obtain de-magnetization pose tool on external plate.

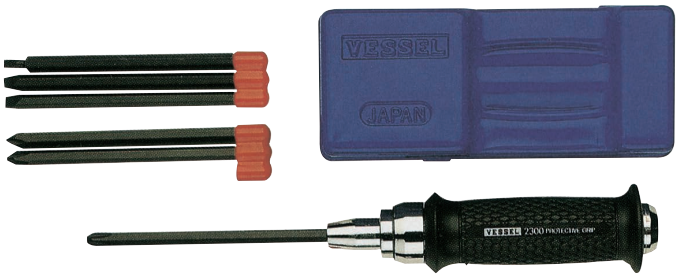






U-2300 Cacciavite a percussione

Impact hand driver



Articolo Article	Ø mm	Lame Blades		L	
U-2300	42	1	5 x 1251	154	1
		1	6 x 125		
		1	7 x 125		
		1	PH1 x 75		
		1	PH2 x 125		
		1	PH3 x 125		

U-2400 Cacciavite a percussione

PER SITUAZIONI IMPOSSIBILI!

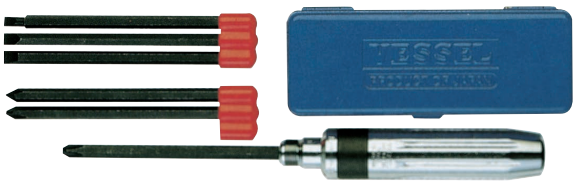
Heavy duty impact hand driver



Articolo Article	Ø mm	Lame Blades		L	
U-2400	55	1	10 x 36	176	1
		1	PH2 x 36		
		1	PH2 x 80		
		1	PH3 x 36		
		1	PH3 x 80		
		1	PH4 x 36		

U-2600A Cacciavite a percussione

Impact hand driver



Articolo Article	Ø mm	Lame Blades		L	
U-2600 A	26	1	5 x 125	240	1
		1	6 x 125		
		1	7 x 125		
		1	PH1 x 75		
		1	PH2 x 125		
		1	PH3 x 125		


PH2 x 1 IN.




AIR SYS
FPM-3


FINAT
AIR TOOLING SYSTEM



TRONCHESI
pag. 5e



MICRO SMERIGLIATRICI
pag. 26e



CRIMPATORI
pag. 10e



PISTOLE SOFFIAGGIO
pag. 28e



AVVITATORI
pag. 11e



RACCORDI ARIA
pag. 29e



CACCIAVITI
pag. 17e



CONSIGLI D'USO
pag. 32e



TRAPANI
pag. 18e



SMERIGLIATRICI
pag. 20e

Articolo Article	Pagina Page
AD-2000E - Espositore pistole	28e
AD-2-50E	28e
AD-2-100E	28e
AD-2-100EP	28e
AD-2-200E	28e
AD-2-300E	28e
AD-3-S	28e
AD-3-100 A	28e
BJF-1P	29e
BJF-2	29e
BPH-8,5	31e
BPN-2e	31e
CE-125	10e
CE-200	10e
CE-500	10e
CO-0560	10e
CV-ADR 10 REV	19e
CV-CR 1/4" MINI	16e
CV-CR 3/8"	16e
CV-CR 1/2"	17e
CV-S 1/4"	17e
CV-GN 1/4" MINI	20e
CV-GNA 1/4" ANG	20e
CV-GNE 1/4" EXT	21e
CV-GN 1/4"	22e
CV-GNL 1/4" LUNGA	22e
CV-W 3/8"	11e
CV-W 1/2" MINI	11e
CV-W 1/2"	12e
CV-W 3/4"	12e
CV-W 1/2" KIT	13e
CV-W 1/2" COMPACT	14e
CV-W 3/8" COMPACT	14e
CV-W 1/4" MINI	15e
CV-W 3/8" MINI	15e
CV-GNA 5	24e
CV-GNA 7	24e
CV-GNA 5E	25e
CV-GNN 10	23e
CV-GNN 13	23e
CV-IMPUGNATURA	25e
CV-MGN 1/8"	26e
CV-MGNS 1/8"	26e
CV-NE	10e
CV-NED	10e
CV-PDR 10 REV	18e
CV-PDR 13 REV	18e
CV-PM	27e

Articolo Article	Pagina Page
FFPF-2	31e
FFPM-2	31e
FFPM-3	31e
FFSF-2	31e
FFSM-2	31e
FOF-2	30e
FOF-3	30e
FOF-4	30e
FOH-4	30e
FOH-5	30e
FOH-6,5	30e
FOH-8	30e
FOM-2	30e
FOM-3	30e
FOM-4	30e
FOT-2	30e
FOT-2A	30e
FOT-3	30e
FOT-4	30e
FPF-2	31e
FPF-3	31e
FPF-4	31e
FPH-4	31e
FPH-5	31e
FPH-6,5	31e
FPH-8	31e
FPM-1A	31e
FPM-2	31e
FPM-3	31e
FPM-4	31e
FPT-2	31e
FPT-2A	31e
FPT-3	31e
FPT-4	31e
FSF-2	30e
FSF-3	30e
FSF-4	30e
FSH-4	30e
FSH-5	30e
FSH-6,5	30e
FSH-8	30e
FSM-2	30e
FSM-3	30e
FSM-4	30e
FST-2	30e
FST-2A	30e
FST-3	30e
FST-4	30e

Articolo Article	Pagina Page
IT-125	10e
IT-125N	10e
IT-200	10e
IT-200N	10e
IT-500	10e
IT-500A	10e
IT-500N	10e
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L 3 JS	8e
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L 3 S	8e
L 5 J	8e
L 5 JS	8e
L 5 P	8e
L 5 S	8e
L 10 J	8e
L 10 JS	8e
L 10 P	8e
L 10 PF	8e
L 10 S	8e
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L 20 J	8e
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L 20 PF	8e
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L 30 GS	8e
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L 30 P	8e
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L 30 PID	8e
L 30 PIL	8e
L 30 S	8e
L 50 BBB	8e
L 50 GS	8e
L 50 JS	8e
L 50 S	8e
NT-125	10e
NT-200	10e
NT-500	10e
RJ-45	10e

Articolo Article	Pagina Page
SFOM-2	29e
SFOM-3	29e
SFOM-4	29e
SFOF-2	29e
SFOF-3	29e
SFOF-4	29e
SFOH-4	29e
SFOH-5	29e
SFOH-6,5	29e
SFOH-8	29e
SFOT-2	29e
SFOT-2A	29e
SFOT-3	29e
SFOT-4	29e
ST-200	10e
TR 3A	5e
TR 5	5e
TR 10	5e
TR 20	5e
TR 30	5e
TR 50	5e
TR 25 P	5e
TR 35 P	5e
TR 55 P	5e
TRT 5	6e
TRT 10	6e
TRT 20	6e
TRT 30	6e
TRT 50	6e
TRT 25 P	6e
TRT 35 P	6e
TRT 55 P	6e
TRQ 3A	7e
TRQ 5	7e
TRQ 10	7e
TRQ 20	7e
TRQ 30	7e
TRQ 20 P	7e
TRQ 30 P	7e

FINAT
AIR TOOLING SYSTEM

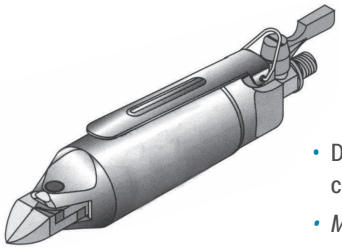
TRONCHESI PNEUMATICI

Per il taglio di sezioni tonde, quadre o di altre forme.
Tagliano qualsiasi tipo di materiale in relazione, naturalmente, al diametro dello stesso.
Possono tagliare tutti i tipi di plastica e derivati resinosi, PVC, rame, acciaio, gomma, oro, argento ed altri metalli.

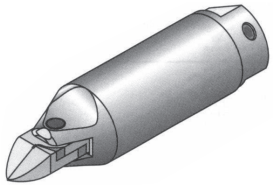
Inoltre le lame speciali possono:
- Schiacciare
- Crimpare
- Piegare
- Cianfrinare
- Manipolare
- Punzonare
- Allargare
- Bloccare
- Staffare

Air nippers are pneumatic tools for cutting round sections & squares. *Any kind of material can be cut according to the air nipper diameter.*
Air nippers can cut all kinds of plastic material and resins, PVC, copper, steel, rubber, gold, silver and other metals.

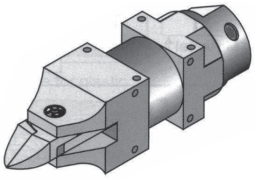
Furthermore with the application of special blades can:
- *Squeeze*
- *Crimp*
- *Bend*
- *Caulk*
- *Handle*
- *Punch*
- *Enlarge*
- *Lock*
- *Stirrup*



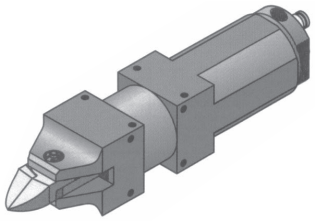
- Dispositivo manuale con leva di sicurezza
- *Manual with safety lever*



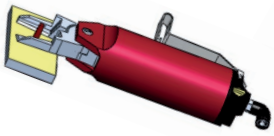
- Per automazione-tondo
- *Round type*

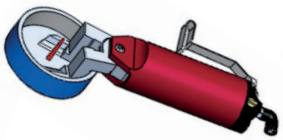


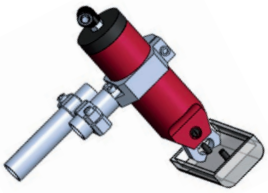
- Per automazione-quadro
- *Square type*

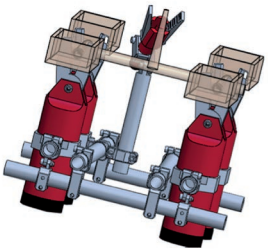


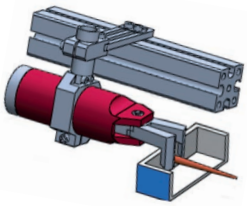
- Esecuzioni speciali
- *Special executions*

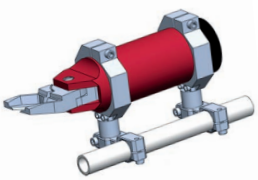


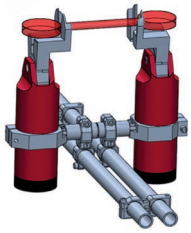


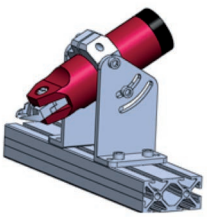


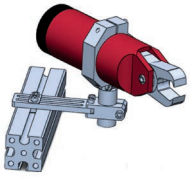


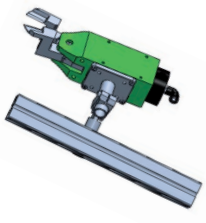


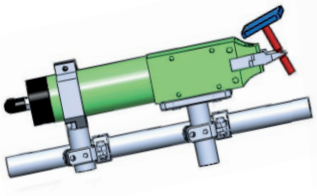


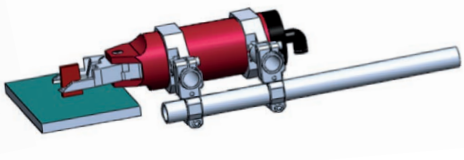












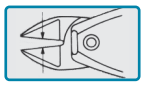
TR Tronchese manuale

Rispondono a tutti i requisiti per la sicurezza secondo le normative più severe, tutti i modelli sono muniti di leva di sicurezza e per i modelli più grossi c'è un rubinetto di consenso supplementare.



Hand held air nipper

They satisfy at all safety requirements according to the most rigorous regulations. All models are provided with safety lock lever and for the bigger models there are a supplementary air cocks.



Attenzione: l'utensile viene venduto sempre senza lame (vedere pag. 8e)

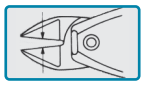
Blades sold separatly (go to page 8e)

Articolo Article	**Codice** Code	**Lungh. totale** Overall lenght mm	**Corpo Ø** Frame diameter mm	**Spessore Lama** Blade thickness mm	**Pressione applicata** Applied pressure N	**Pressione Aria** Air pressure MPa	**Assorbim. aria cm³/corsa** Air cons. (cm³/stroke)	**Capacità di taglio mm** - Capacity mm					**Peso** Weight gr	
								Rame Copper	**Acciaio** Steel	**Inox** Inox	**Plastica** Plastic	**Plastica dura** Hard plastic		
TR3A	204705	118	24	7	334	0,4~0,5	45	1.2	0.8	–	2	–	118	1
TR5	204712	86	30	7	392	0,4~0,5	64	1.0	0.8	–	2	–	84	1
TR10	204729	105	36	9	588	0,4~0,5	116	1.6	0.8	–	4	2.6	130	1
TR20	204736	122	45	12	1370	0,5~0,6	230	2.6	2.0	1.6	7	5.0	250	1
TR30	204743	158	56	17	2745	0,5~0,6	584	3.3	2.8	2.0	10	6.5	456	1
TR50	204767	256	75	25	4708	0,5~0,6	1170	5.5	4.5	3.5	12	6.5	1290	1

TR-P Corpo extra potenziato (booster) manuale

Hand held extra-power type



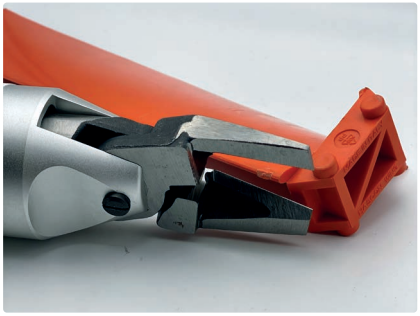


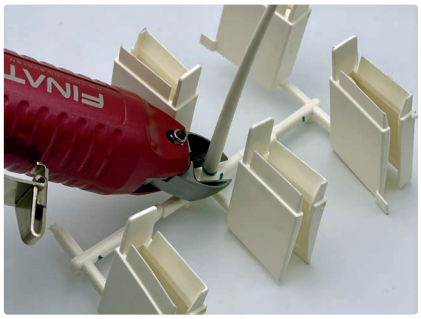
Attenzione: l'utensile viene venduto sempre senza lame (vedere pag. 8e)

Blades sold separatly (go to page 8e)

Articolo Article	**Codice** Code	**Lungh. totale** Overall lenght mm	**Corpo Ø** Frame diameter mm	**Spessore Lama** Blade thickness mm	**Pressione applicata** Applied pressure N	**Pressione Aria** Air pressure MPa	**Assorbim. aria cm³/corsa** Air cons. (cm³/stroke)	**Capacità di taglio mm** - Capacity mm					**Peso** Weight gr	
								Rame Copper	**Acciaio** Steel	**Inox** Inox	**Plastica** Plastic	**Plastica dura** Hard plastic		
TR25P	204774	245	45	12	2893	0,5~0,6	503	2.8	2.4	1.8	8	6	646	1
TR35P	204781	283	56	17	4383	0,5~0,6	965	4.8	4.0	2.8	13	6.5	1016	1
TR55P	204798	395	75	25	7730	0,5~0,6	2680	5.5	4.5	3.5	–	–	2055	1







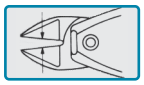
TRT Corpo tondo per automazione

- La sagoma tonda permette regolazioni ed inclinazioni nel taglio molto sofisticate.
- Attacchi aria in due posizioni diverse; sistema di rotazione a 180°



TRT Automation round type

- *Because the main body is round, the main body turning angle can be finely adjusted when mounting*
- *Endcap rotates 180 degrees. Two intake ports for air hose coupling*



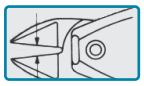
Attenzione: l'utensile viene venduto sempre senza lame (vedere pag. 8e)
Blades sold separatly (go to page 8e)

Articolo Article	**Codice** Code	**Lungh. totale** Overall lenght mm	**Corpo Ø** Frame diameter mm	**Spessore Lama** Blade thickness mm	**Pressione applicata** Applied pressure N	**Pressione Aria** Air pressure MPa	**Assorbim. aria cm³/corsa** Air cons. (cm³/stroke)	**Capacità di taglio mm** - Capacity mm					**Peso** Weight gr	
								Rame Copper	**Acciaio** Steel	**Inox** Inox	**Plastica** Plastic	**Plastica dura** Hard plastic		
TRT 5	204804	86	30	7	392	0,4~0,5	64	1.0	0.8	–	–	2.0	84	1
TRT 10	204811	105	36	9	588	0,4~0,5	116	1.6	1.0	–	4.0	2.6	130	1
TRT 20	204828	122	45	12	1370	0,5~0,6	230	2.6	2.0	1.6	7.0	5.0	250	1
TRT 30	204446	158	56	17	2746	0,5~0,6	584	3.3	2.8	2.0	10.0	6.5	456	1
TRT 50	204569	215	75	17	4708	0,5~0,6	1170	5.5	4.5	–	3.5	–	1190	1

TRT-P Corpo tondo per automazione extra-potenziato (booster)

Automation extra-power round type





Attenzione: l'utensile viene venduto sempre senza lame (vedere pag. 8e)
Blades sold separatly (go to page 8e)

Articolo Article	**Codice** Code	**Lungh. totale** Overall lenght mm	**Corpo Ø** Frame diameter mm	**Spessore Lama** Blade thickness mm	**Pressione applicata** Applied pressure N	**Pressione Aria** Air pressure MPa	**Assorbim. aria cm³/corsa** Air cons. (cm³/stroke)	**Capacità di taglio mm** - Capacity mm					**Peso** Weight gr	
								Rame Copper	**Acciaio** Steel	**Inox** Inox	**Plastica** Plastic	**Plastica dura** Hard plastic		
TRT 25P	204842	210	45	12	2250	0,5~0,6	503	2.8	2.4	1.8	8.0	6.0	522	1
TRT 35P	204637	253	56	17	4410	0,5~0,6	956	4.8	4.0	2.8	13.0	6.5	890	1
TRT 55P	204859	335	75	25	7740	0,5~0,6	2680	5.5	4.5	3.5	–	–	–	1

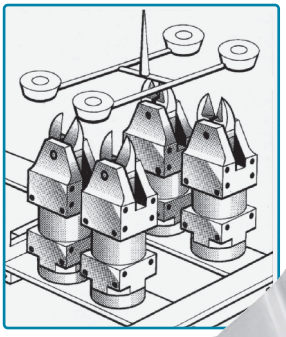






TRQ Corpo quadro per automazione

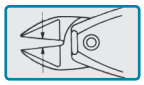
- Predisposizione fori attacco macchine su tutti i lati
- Attacchi aria in due posizioni diverse; sistema di rotazione a 180°





TRQ Automation square type

- *Easy mounting to the machine as the screw holes are provided on five surfaces*
- *Endcap rotates 180 degree. Two intake ports for air hose coupling*



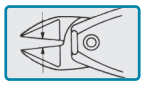
Attenzione: l'utensile viene venduto sempre senza lame (vedere pag. 8e)
Blades sold separatly (go to page 8e)

Articolo Article	**Codice** Code	**Lungh. totale** Overall lenght mm	**Corpo post. Ø** Back frame diameter mm	**Spessore Lama** Blade thickness mm	**Pressione applicata** Applied pressure N	**Pressione Aria** Air pressure MPa	**Assorbim. aria cm³/corsa** Air cons. (cm³/stroke)	**Capacità di taglio mm** - Capacity mm					**Peso** Weight gr	
								Rame Copper	**Acciaio** Steel	**Inox** Inox	**Plastica** Plastic	**Plastica dura** Hard plastic		
TRQ 3A	204873	110	20x20	7	392	0,4~0,5	64	1.2	0.8	–	2.0	–	130	1
TRQ 5	204422	94	30x30	7	392	0,4~0,5	64	1.0	0.8	–	2.0	–	160	1
TRQ 10	204880	113	36x36	9	588	0,4~0,5	116	1.6	0.8	–	4.0	2.6	260	1
TRQ 20	204897	139	45x45	12	1370	0,5~0,6	230	2.6	2.0	–	7.0	5.0	430	1
TRQ 30	204903	175	56x56	17	2744	0,5~0,6	584	3.3	2.8	–	10.0	6.5	810	1

TRQ-P Corpo quadro per automazione extra potenziato (booster)

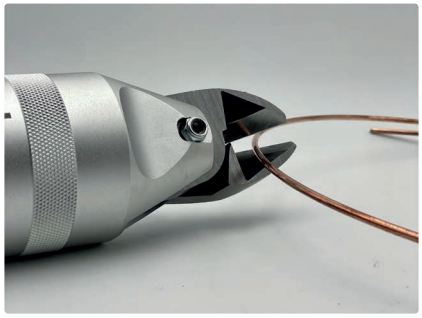
Automation extra-power square type

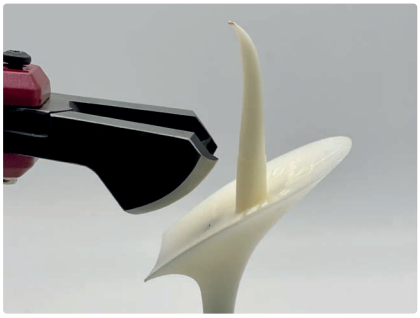




Attenzione: l'utensile viene venduto sempre senza lame (vedere pag. 8e)
Blades sold separatly (go to page 8e)

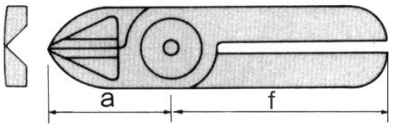
Articolo Article	**Codice** Code	**Lungh. totale** Overall lenght mm	**Corpo post. Ø** Back frame diameter mm	**Spessore Lama** Blade thickness mm	**Pressione applicata** Applied pressure N	**Pressione Aria** Air pressure MPa	**Assorbim. aria cm³/corsa** Air cons. (cm³/stroke)	**Capacità di taglio mm** - Capacity mm					**Peso** Weight gr	
								Rame Copper	**Acciaio** Steel	**Inox** Inox	**Plastica** Plastic	**Plastica dura** Hard plastic		
TRQ 20P	204910	216	45x45	17	2250	0,4~0,5	325	2.6	2.2	–	7.0	5.0	650	1
TRQ 30P	204927	262	56x56	17	4410	0,4~0,5	958	4.8	4.0	–	13.0	6.5	1220	1



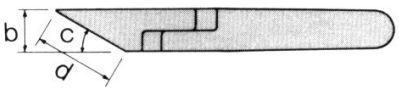


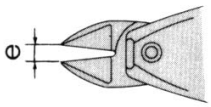


Lame per corpi
Blades for nipper bodies



Caratteristiche tecniche
Specifications

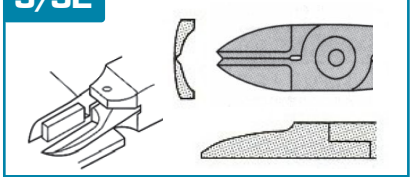




Corpo Nipper	Lama Blade	Profilo tagliente Cutting profile	Dimensioni - *Dimensions* a mm	b mm	c (°) gradi grades	d mm	e mm	f (L gambo) (L gambo)	Capacità di taglio mm - *Capacity mm* Rame Copper	Acciaio Steel	Inox Inox	Plastica Plastic	Plastica dura Hard Plastic
TR 3A TRQ 3A	L 3 P	Plastic	24.0	7.0	15	12.0	2.5	40	–	–	–	2	–
	L 3 J	Plastic	24.0	7.0	0	12.0	2.5	41	–	–	–	2	–
	L 3 S	Metal	24.0	7.0	25	10.0	2.5	41	1.2	0.8	–	–	–
	L 3 JS	Metal	24.0	7.0	0	10.0	2.5	41	1.2	0.8	–	–	–
TR 5 TRT 5 TRQ 5	L 5 P	Plastic	24.0	7.0	15	12.0	3.0	40	–	–	–	2	–
	L 5 J	Plastic	24.0	7.0	0	12.0	3.0	40	–	–	–	2	–
	L 5 S	Metal	24.0	7.0	25	10.0	3.0	41	1	0.8	–	–	–
	L 5 JS	Metal	24.0	7.0	0	10.0	3.0	41	1	0.8	–	–	–
TR 10 TRT 10 TRQ 10	L 10 P	Plastic	27.0	8.3	15	12.0	5.5	53.9	–	–	–	4	2.6
	L 10 J	Plastic	27.0	8.3	0	12.0	5.5	53.9	–	–	–	4	2.6
	L 10 PF	Plastic	27.0	8.3	40	12.0	5.5	53.9	–	–	–	4	2.6
	L 10 S	Metal	27.0	9.0	25	14.0	5.0	54	1.6	0.8	–	–	–
	L 10 JS	Metal	27.0	9.0	0	14.0	5.0	54	1.6	0.8	–	–	–
TR 20 TRT 20 TRQ 20 TR 25-P TRT 25-P TRQ 20-P	L 20 P	Plastic	35.0	12.0	15	15.0	11.0	59	–	–	–	7	5
	L 20 J	Plastic	35.0	12.0	0	15.0	11.0	59	–	–	–	7	5
	L 20 PF	Plastic	35.0	12.0	40	15.0	11.0	60	–	–	–	7	5
	L 20 E	Plastic	43.0	12.0	0	12.0	10.0	60	–	–	–	7	5
	L 20 S	Metal	35.0	12.0	30	17.0	6.5	60	2.6	2	1.6	–	–
	L 20 JS	Metal	35.0	12.0	0	17.0	6.5	60	2.6	2	1.6	–	–
	L 20 PIL	Pinza liscia	46.0	12.0	0	12.0	10.0	60	–	–	–	–	–
	L 20 PID	Pinza zigrinata	46.0	12.0	0	12.0	10.0	60	–	–	–	–	–
TR 30 TRT 30 TRQ 30 TR 35-P TRT 35-P TRQ 30-P	L 30 P	Plastic	66.0	17.0	15	37.0	16.0	84	–	–	–	10	6.5
	L 30 J	Plastic	43.0	17.0	0	20.0	7.0	84	–	–	–	10	6.5
	L 30 PF	Plastic	59.0	17.0	30	24.0	14.0	84	–	–	–	10	6.5
	L 30 JL	Plastic	66.0	17.0	0	37.0	16.0	84	–	–	–	10	6.5
	L 30 E	Plastic	52.0	17.0	0	17.0	10.0	86	–	–	–	10	6.5
TR 35-P	L 30 S	Metal	43.0	17.0	30	20.0	7.0	85	3.3	2.8	2.0	–	–
	L 30 JS	Metal	43.0	17.0	0	21.0	7.0	85	3.3	2.8	2.0	–	–
	L 30 GS	Metal	36.0	17.0	40	20.0	8.0	84	3.3	2.8	2.0	–	–
	L 30 LS	Metal	59.0	17.0	30	24.0	14.0	84	3.3	2.8	2.0	–	–
	L 30 BBB	Metal	59.0	17.0	40	30.0	14.0	84	3.8	2.8	2.0	–	–
	L 30 PIL	Pinza liscia	55.0	17.0	0	17.0	13.0	84	–	–	–	–	–
	L 30 PID	Pinza zigrinata	55.0	17.0	0	17.0	13.0	84	–	–	–	–	–
TR 50 TRT 50 TR 55-P TRT 55-P	L 50 S	Metal	45.0	25	35	26.0	9.0	117	5.5	4.5	3.5	–	–
	L 50 JS	Metal	66.0	25	0	26.0	14.0	117	5.5	4.5	3.5	–	–
	L 50 GS	Metal	46.0	25	35	19.0	9.0	117	5.5	4.5	3.5	–	–
	L 50 BBB	Metal	46.0	25	35	19.0	9.0	117	5.5	4.5	3.5	–	–

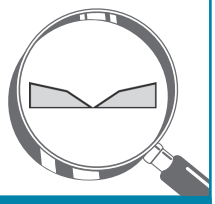


J/JL



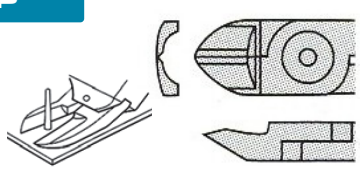
Lama - *Blade*

- L 3 J
- L 5 J
- L 10 J
- L 20 J
- L 30 J
- L 30 JL
- L 50 JL



PLASTIC

P



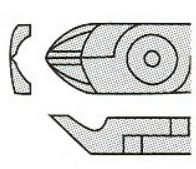
Lama - *Blade*

- L 3 P
- L 5 P
- L 10 P
- L 20 P
- L 30 P



PLASTIC

PF



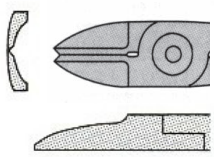
Lama - *Blade*

- L 10 PF
- L 20 PF
- L 30 PF



PLASTIC

JS



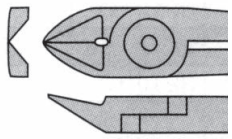
Lama - *Blade*

- L 3 JS
- L 5 JS
- L 10 JS
- L 20 JS
- L 30 JS



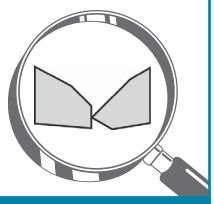
METAL

S



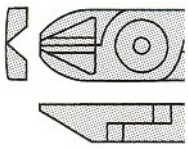
Lama - *Blade*

- L 3 S
- L 5 S
- L 10 S
- L 20 S
- L 30 S
- L 50 S



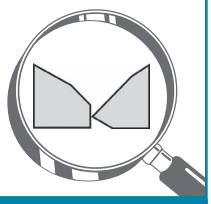
METAL

GS



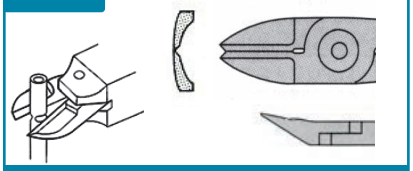
Lama - *Blade*

- L 30 GS
- L 50 GS



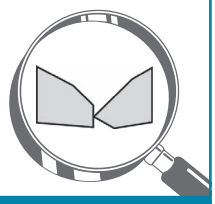
METAL

LS



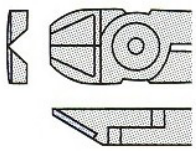
Lama - *Blade*

- L 30 LS



METAL

BBB



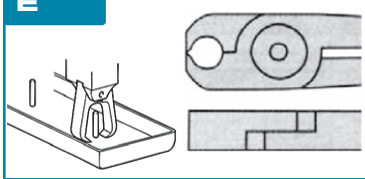
Lama - *Blade*

- L 30 BBB
- L 50 BBB



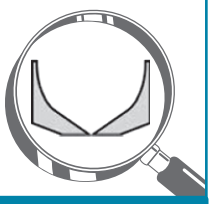
METAL

E



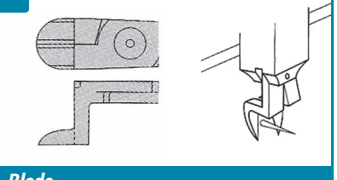
Lama - *Blade*

- L 20 E
- L 30 E



PLASTIC

LH



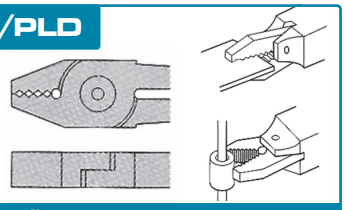
Lama - *Blade*

- L H 5
- L H 10
- L H 20
- L H 30



PLASTIC a richiesta/*on request*

PIL/PLD



Pinza - *Plier*

- L 20 PIL liscia/smooth
- L 20 PID zigrinata/gripping
- L 30 PIL liscia/smooth
- L 30 PID zigrinata/gripping

a richiesta/*on request*

CV-N

Tronchesi speciali creati appositamente per la crimpatura di qualsiasi tipo di terminale per il settore elettrico. Questi prodotti offrono la possibilità non solo di "schiacciare" i terminali con notevole precisione, ma per i lavori in serie, la lama dà anche la possibilità di porre il terminale contro una battuta regolabile, in modo da facilitare il lavoro. Le lame possono essere standard o speciali, per quest'ultime chiedere sempre disponibilità e tempi di consegna.

Crimping tools

Special air nippers designed to crimp terminals. These products offer possibility not only to "squeeze" terminals with a notable precision, but for mass-production the blade have also the possibility to put terminals against an adjustable beating for an easier operation. Blades can be standard or special; for the latter ask always for availability and delivery.

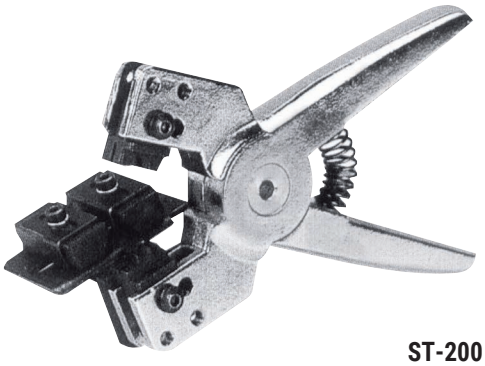


CV-NED

Articolo Article	Codice Code	Lunghezza totale Overall lenght mm	Corpo Ø Body diameter mm	Assorb. aria Air consumption cm³ corsa/*stroke*	Pressione applicata Applied pressure N	Pressione aria Air pressure MPa	Peso Weight gr	
CV-NE	161589	205	56	584	3500	0,6~0,8	610	1
CV-NED	161572	298	56	956	5650	0,6~0,8	965	1

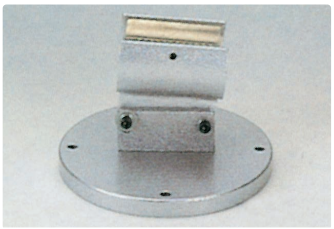
LAME – Standard blades

Articolo Article	Codice Code	Tipo terminale Terminal type		Sezione Section mm²	Applic. a mod. For model NE	 NED	
IT-125	161640	Per capicorda preisolati *For vinyl insulated terminals IT-500 for brass w/o copper sleeve*		1.5	•	•	1
IT-200	161657			2.5	•	•	1
IT-500	161664			6.0		•	1
CO-0560	161732	Per puntalini *For cord end terminals*		22-10	•	•	1
RJ-45	161725	Per terminale telefonico *For telephone plug RJ-45*		0.5-6.0	•	•	1
NT-125	161619	Per terminali non isolati *For non-insulated terminal*		1.5	•	•	1
NT-200	161626			2.5	•	•	1
NT-500	161633			6.0		•	1
IT-500A	161671	Per capicorda preisolati *For vinyl insulated terminals* *Terminals & brass vinyl insulated with copper sleeve*		6.0		•	1
IT-125N	-	Per terminali in nylon *For nylon insulated terminals*		1.5		•	1
IT-200N	-			2.5		•	1
IT-500N	-			6.0		•	1
CE-125	161688	Per connettori chiusi *For closed-end connector*		1.5	•	•	1
CE-200	161695			2.5	•	•	1
CE-500	161701			6.0		•	1
ST-200	161718	Per Fastom *For strip terminal-closed barrel*		0.75-1.5		•	1



ST-200

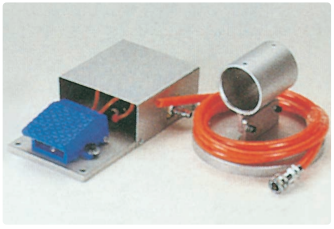
Accessori



301A

Staffa rigida a banco

Hand free tool holder



302A

Staffa rigida a banco con comando a pedale

Foot switch set

CV-W 3/8”



Doppia massa battente

- Reversibile
- Compatto
- Leggero
- Silenzioso 83 db(A)
- Regolazione aria

Twin hammer clutch

- *Reversible*
- *Compact*
- *Lightweight*
- *Low noise 83 db(A)*
- *Air regulator*

Articolo Article	**Codice** Code	**Coppia** Torque range Nm	**Press. aria** Air press. Mpa	**Vel. libera** Free speed g/min	**Grado rumorosità** Noise level	**Assorb. aria** Air cons. l/min	**Attacco aria** Air hose size	**L. totale** Overall lenght mm	**Attacco** Drive size	**Peso** Weight gr	
CV-W 3/8”	211451	**583**	6,2	11000	83	113	1/4”	153	**3/8”** □	1200	1

Pressione aria 6,2 bar

CV-W 1/2” mini



Doppia massa battente

- Reversibile
- Compatto
- Leggero
- Silenzioso 83 db(A)
- Regolazione aria

Twin hammer clutch

- *Reversible*
- *Compact*
- *Lightweight*
- *Low noise 83 db(A)*
- *Air regulator*

Articolo Article	**Codice** Code	**Coppia** Torque range Nm	**Press. aria** Air press. Mpa	**Vel. libera** Free speed g/min	**Grado rumorosità** Noise level	**Assorb. aria** Air cons. l/min	**Attacco aria** Air hose size	**L. totale** Overall lenght mm	**Attacco** Drive size	**Peso** Weight gr	
CV-W 1/2”Mini	211468	**624**	6,2	11000	83	113	1/4”	153	**1/2”** □	1200	1

Pressione aria 6,2 bar

CV-W 1/2”



Doppia massa battente

- Reversibile
- Compatto
- Leggero
- Silenzioso 83 db(A)
- Regolazione aria

Twin hammer clutch

- *Reversible*
- *Compact*
- *Lightweight*
- *Low noise 83 db(A)*
- *Air regulator*

Articolo Article	**Codice** Code	**Coppia** Torque range Nm	**Press. aria** Air press. Mpa	**Vel. libera** Free speed g/min	**Grado rumorosità** Noise level	**Assorb. aria** Air cons. l/min	**Attacco aria** Air hose size	**L. totale** Overall lenght mm	**Attacco** Drive size	**Peso** Weight gr	
CV-W 1/2”	211475	**1,112**	6,2	7000	83	113	1/4”	183	**1/2” □**	1900	1

Pressione aria 6,2 bar

CV-W 3/4”



Doppia massa battente

- Reversibile
- Compatto
- Leggero
- Silenzioso 83 db(A)
- Regolazione aria

Twin hammer clutch

- *Reversible*
- *Compact*
- *Lightweight*
- *Low noise 83 db(A)*
- *Air regulator*

Articolo Article	**Codice** Code	**Coppia** Torque range Nm	**Press. aria** Air press. Mpa	**Vel. libera** Free speed g/min	**Grado rumorosità** Noise level	**Assorb. aria** Air cons. l/min	**Attacco aria** Air hose size	**L. totale** Overall lenght mm	**Attacco** Drive size	**Peso** Weight gr	
CV-W 3/4”	211482	**2,034**	6,2	5500	90	198	1/4”	215	**3/4” □**	3300	1

Pressione aria 6,2 bar

CV-W 1/2" kit

Completo di:
- n° 3 bussole 17-19-21 mm.
- n° 3 bussole lunghe 17-19-21 mm.

Includes:
- *n° 3 sockets 17-19-21 mm.*
- *n° 3 sockets (long) 17-19-21 mm.*



Articolo Article	**Codice** Code	**Coppia** Torque range Nm	**Press. aria** Air press. Mpa	**Vel. libera** Free speed g/min	**Grado rumorosità** Noise level	**Assorb. aria** Air cons. l/min	**Attacco aria** Air hose size	**L. totale** Overall lenght mm	**Attacco** Drive size	**Peso** Weight gr	
CV-W 1/2" Kit	211734	**1,112**	6,2	7000	83	113	1/4"	183	1/2" □	1900	1

Pressione aria 6,2 bar





CV-W 3/8" compact



Doppia massa battente

- Reversibile
- Compatto
- Doppia iniezione
- Selettore due velocità
- Silenziatore brevettato 83 db(A)
- 0,5 HP

- *Reversible*
- *Compact*
- *Double injection*
- *Two speed trigger*
- *Patented silencer 83 db(A)*
- *0,5 HP*

Articolo Article	**Codice** Code	**Coppia** Torque range Nm	**Press. aria** Air press. Mpa	**Vel. libera** Free speed g/min	**Grado rumorosità** Noise level	**Assorb. aria** Air cons. l/min	**Attacco aria** Air hose size	**L. totale** Overall lenght mm	**Attacco** Drive size	**Peso** Weight gr	
CV-W 3/8" Compact	211499	**678**	6,2	10000	83	113	1/4"	1090	**3/8" □**	1144	1

Pressione aria 6,2 bar

CV-W 1/2" compact



Doppia massa battente

- Reversibile
- Compatto
- Doppia iniezione
- Selettore due velocità
- Silenziatore brevettato 83 db(A)
- 0,5 HP

- *Reversible*
- *Compact*
- *Double injection*
- *Two speed trigger*
- *Patented silencer 83 db(A)*
- *0,5 HP*

Articolo Article	**Codice** Code	**Coppia** Torque range Nm	**Press. aria** Air press. Mpa	**Vel. libera** Free speed g/min	**Grado rumorosità** Noise level	**Assorb. aria** Air cons. l/min	**Attacco aria** Air hose size	**L. totale** Overall lenght mm	**Attacco** Drive size	**Peso** Weight gr	
CV-W 1/2" Compact	211505	**678**	6,2	10000	83	113	1/4"	1200	**1/2" □**	1540	1

Pressione aria 6,2 bar

CV-W 1/4" mini



- Reversibile
- Compatto
- Doppia iniezione
- Selettore due velocità
- Silenziatore brevettato 83 db(A)
- 0,5 HP

- *Reversible*
- *Compact*
- *Double injection*
- *Two speed trigger*
- *Patented silencer 83 db(A)*
- *0,5 HP*

Articolo Article	**Codice** Code	**Coppia** Torque range Nm	**Press. aria** Air press. Mpa	**Vel. libera** Free speed g/min	**Grado rumorosità** Noise level	**Assorb. aria** Air cons. l/min	**Attacco aria** Air hose size	**L. totale** Overall lenght mm	**Attacco** Drive size	**Peso** Weight gr	
CV-W 1/4"Mini	211512	**102**	6,2	11000	83	113	1/4"	170	**1/4"** □	1000	1

Pressione aria 6,2 bar

CV-W 3/8" mini



- Reversibile
- Compatto
- Doppia iniezione
- Selettore due velocità
- Silenziatore brevettato 83 db(A)
- 0,5 HP

- *Reversible*
- *Compact*
- *Double injection*
- *Two speed trigger*
- *Patented silencer 83 db(A)*
- *0,5 HP*

Articolo Article	**Codice** Code	**Coppia** Torque range Nm	**Press. aria** Air press. Mpa	**Vel. libera** Free speed g/min	**Grado rumorosità** Noise level	**Assorb. aria** Air cons. l/min	**Attacco aria** Air hose size	**L. totale** Overall lenght mm	**Attacco** Drive size	**Peso** Weight gr	
CV-W 3/8"Mini	211529	**136**	6,2	11000	83	113	1/4"	174	**3/8"** □	1000	1

Pressione aria 6,2 bar

CV-CR 1/4" mini

- Reversibile
- Testa rinforzata
- Cuscinetti sfera
- Regolazione aria
- Rotazione att. aria 360°
- Bassa rumorosità 79 db(A)

- *Reversible*
- *Thick wall ratchet head*
- *Ball bearing*
- *Air regulator*
- *360° swivel air inlet*
- *Low noise 79 db(A)*



Articolo Article	**Codice** Code	**Coppia** Torque range Nm	**Press. aria** Air press. Mpa	**Vel. libera** Free speed g/min	**Grado rumorosità** Noise level	**Assorb. aria** Air cons. l/min	**Attacco aria** Air hose size	**L. totale** Overall lenght mm	**Attacco** Drive size	**Peso** Weight gr	
CV-CR 1/4"Mini	211543	**41**	6,2	200	79	113	1/4"	196	**1/4" □**	500	1

Pressione aria 6,2 bar

CV-CR 3/8"

- Reversibile
- Testa rinforzata
- Cuscinetti sfera
- Regolazione aria
- Rotazione att. aria 360°
- Bassa rumorosità 79 db(A)

- *Reversible*
- *Thick wall ratchet head*
- *Ball bearing*
- *Air regulator*
- *360° swivel air inlet*
- *Low noise 79 db(A)*



Articolo Article	**Codice** Code	**Coppia** Torque range Nm	**Press. aria** Air press. Mpa	**Vel. libera** Free speed g/min	**Grado rumorosità** Noise level	**Assorb. aria** Air cons. l/min	**Attacco aria** Air hose size	**L. totale** Overall lenght mm	**Attacco** Drive size	**Peso** Weight gr	
CV-CR 3/8"	211550	**68**	6,2	150	79	113	1/4"	256	**3/8" □**	1200	1

Pressione aria 6,2 bar

CV-CR 1/2”

- Reversibile
- Testa rinforzata
- Cuscinetti sfera
- Regolazione aria
- Rotazione att. aria 360°
- Bassa rumorosità 79 db(A)

- *Reversible*
- *Thick wall ratchet head*
- *Ball bearing*
- *Air regulator*
- *360° swivel air inlet*
- *Low noise 79 db(A)*



Articolo Article	**Codice** Code	**Coppia** Torque range Nm	**Press. aria** Air press. Mpa	**Vel. libera** Free speed g/min	**Grado rumorosità** Noise level	**Assorb. aria** Air cons. l/min	**Attacco aria** Air hose size	**L. totale** Overall lenght mm	**Attacco** Drive size	**Peso** Weight gr	
CV-CR 1/2”	211567	**68**	6,2	150	79	113	1/4”	256	**1/2”** □	1200	1

Pressione aria 6,2 bar

CV-S 1/4”

Cacciavite impact revesibile

- Reversibile
- Compatto
- Doppia iniezione
- Selettore due velocità
- Silenziatore brevettato 84 db(A)
- 0,5 HP

- *Reversible*
- *Compact*
- *Double injection*
- *Two speed trigger*
- *Patented silencer 84 db(A)*
- *0,5 HP*



Articolo Article	**Codice** Code	**Coppia** Torque range Nm	**Press. aria** Air press. Mpa	**Vel. libera** Free speed g/min	**Grado rumorosità** Noise level	**Assorb. aria** Air cons. l/min	**Attacco aria** Air hose size	**L. totale** Overall lenght mm	**Attacco** Drive size	**Peso** Weight gr	
CV-S 1/4”	211536	**102**	6,2	11000	84	131	1/4”	181	**1/4”** ⬡	1000	1

Pressione aria 6,2 bar

CV-PDR 10 reversibile

- Compatto
- Doppia iniezione
- Selettore due velocità
- Silenziatore brevettato 83 db(A)
- 0,5 HP

Reversible
- *Double injection*
- *Reverse bar on both side*
- *Two speed trigger*
- *Patented silencer 83 db(A)*
- *0,5 HP*



Articolo Article	**Codice** Code	**Cap. foratura** Drilling cap. mm	**Vel. libera** Free speed g/min	**Assorb. aria** Air cons. l/min	**Press. aria** Air press. MPa	**Attacco aria** Air hose size	**Lungh. tot.** Overall lenght mm	**Grado rumorosità** Noise level	**Mandrino** Chuck Ø mm	**Peso** Weight gr	
CV-PDR 10	211581	**10**	1800	113	6,2	1/4"	197	83	**10**	1100	1

Pressione aria 6,2 bar

CV-PDR 13 reversibile

- Compatto
- Doppia iniezione
- Selettore due velocità
- Silenziatore brevettato 83 db(A)
- 0,5 HP

Reversible
- *Double injection*
- *Reverse bar on both side*
- *Two speed trigger*
- *Patented silencer 83 db(A)*
- *0,5 HP*



Articolo Article	**Codice** Code	**Cap. foratura** Drilling cap. mm	**Vel. libera** Free speed g/min	**Assorb. aria** Air cons. l/min	**Press. aria** Air press. MPa	**Attacco aria** Air hose size	**Lungh. tot.** Overall lenght mm	**Grado rumorosità** Noise level	**Mandrino** Chuck Ø mm	**Peso** Weight gr	
CV-PDR 13	211598	**13**	800	-	6,2	1/4"	218	83	**13**	1300	1

Pressione aria 6,2 bar

CV-ADR 10 reversibile



- Angolare 90°
- Silenzioso

Reversible
- *90° angle*
- *Low noise*

Articolo Article	**Codice** Code	**Cap. foratura** Drilling cap. mm	**Vel. libera** Free speed g/min	**Assorb. aria** Air cons. l/min	**Press. aria** Air press. MPa	**Attacco aria** Air hose size	**Lungh. tot.** Overall lenght mm	**Grado rumorosità** Noise level	**Mandrino** Chuck Ø mm	**Peso** Weight gr	
CV-ADR 10	211574	**10**	1400	-	6,2	1/4"	214	85	**10**	1200	1

Pressione aria 6,2 bar



CV-GN 1/4" mini

- Impugnatura confortevole
- Leva con sicura
- Regolazione aria in testa
- Innesto aria rotante
- Bassa rumorosità 77 db(A)

- *Confort grip*
- *Safety lever*
- *Air regulator on top*
- *Rotating air inlet*
- *Low noise 77 db(A)*



Articolo Article	**Codice** Code	**Vel. libera** Free speed g/min	**Assorb. aria** Air cons. l/min	**Press. aria** Air press. MPa	**Attacco aria** Air hose size	**Ø Tubo aria** Air hose bore Ø mm	**Lungh. tot.** Overall lenght mm	**Grado rumorosità** Noise level	**Pinza Ø** Chuck Ø mm	**Peso** Weight gr	
CV-GN 1/4" Mini	211635	**25000**	113	6,2	1/4"	6,35	159	77	6	400	1

Pressione aria 6,2 bar

CV-GNA 1/4" angolare

- Impugnatura confortevole
- Leva con sicura
- Regolazione aria in testa
- Innesto aria rotante
- Bassa rumorosità 77 db(A)

- *Confort grip*
- *Safety lever*
- *Air regulator on top*
- *Rotating air inlet*
- *Low noise 77 db(A)*



Articolo Article	**Codice** Code	**Vel. libera** Free speed g/min	**Assorb. aria** Air cons. l/min	**Press. aria** Air press. MPa	**Attacco aria** Air hose size	**Ø Tubo aria** Air hose bore Ø mm	**Lungh. tot.** Overall lenght mm	**Grado rumorosità** Noise level	**Pinza Ø** Chuck Ø mm	**Peso** Weight gr	
CV-GNA 1/4" Angolare	211727	**20000**	113	6,2	1/4"	6,35	165	77	6	500	1

Pressione aria 6,2 bar

CV-GNE 1/4" ext STELO PROLUNGATO

- Impugnatura confortevole
- Leva con sicura
- Regolazione aria in testa
- Innesto aria rotante
- Bassa rumorosità 77 db(A)

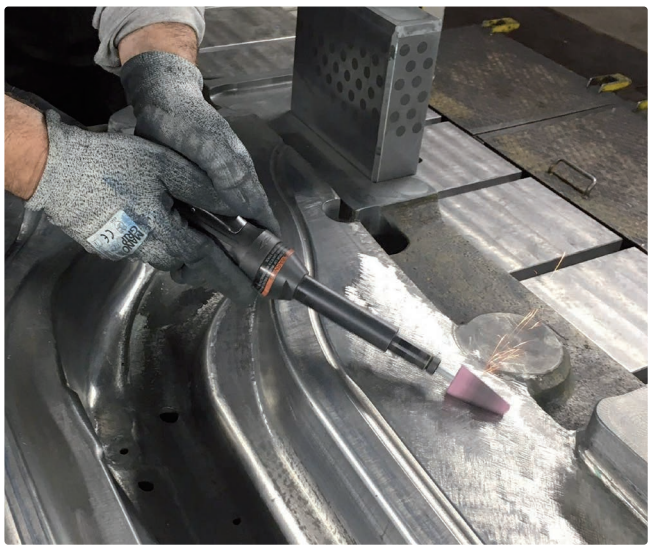
Extended

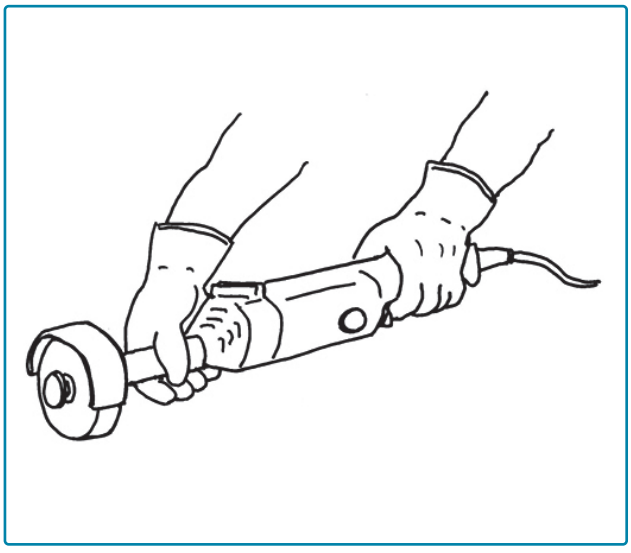
- *Confort grip*
- *Safety lever*
- *Air regulator on top*
- *Rotating air inlet*
- *Low noise 77 db(A)*



Articolo Article	**Codice** Code	**Vel. libera** Free speed g/min	**Assorb. aria** Air cons. l/min	**Press. aria** Air press. MPa	**Attacco aria** Air hose size	**Ø Tubo aria** Air hose bore Ø mm	**Lungh. tot.** Overall lenght mm	**Grado rumorosità** Noise level	**Pinza Ø** Chuck Ø mm	**Peso** Weight gr	
CV-GNE 1/4" EXT	211642	**25000**	113	6,2	1/4"	6,35	256	77	**6**	700	1

Pressione aria 6,2 bar





CV-GN 1/4”

- Compatto
- Impugnatura confortevole
- Leva con sicura
- Bassa rumorosità 83 db(A)
- 0,5 HP

- *Compact*
- *Soft handle*
- *Safety lever*
- *Low noise 83 db(A)*
- *0,5 HP*



Articolo Article	Codice Code	Vel. libera Free speed g/min	Assorb. aria Air cons. l/min	Press. aria Air press. MPa	Attacco aria Air hose size	Ø Tubo aria Air hose bore Ø mm	Lungh. tot. Overall lenght mm	Grado rumorosità Noise level	Pinza Ø Chuck Ø mm	Peso Weight gr	
CV-GN 1/4”	211659	**25000**	113	6,2	1/4”	6,35	170	83	6	500	1

Pressione aria 6,2 bar

CV-GNL 1/4” lunga

- Compatto
- Impugnatura confortevole
- Leva con sicura
- Bassa rumorosità 83 db(A)
- 0,5 HP

Long
- *Compact*
- *Soft handle*
- *Safety lever*
- *Low noise 83 db(A)*
- *0,5 HP*



Articolo Article	Codice Code	Vel. libera Free speed g/min	Assorb. aria Air cons. l/min	Press. aria Air press. MPa	Attacco aria Air hose size	Ø Tubo aria Air hose bore Ø mm	Lungh. tot. Overall lenght mm	Grado rumorosità Noise level	Pinza Ø Chuck Ø mm	Peso Weight gr	
CV-GNL 1/4”	211666	**4500**	113	6,2	1/4”	6,35	210	83	6	600	1

Pressione aria 6,2 bar

CV-GNN 10

- Impugnatura confortevole
- Leva con sicura
- Silenziato
- Innesto aria rotante

- *Soft handle*
- *Safety lever*
- *Silencer*
- *Swivel connector air inlet*



Articolo Article	Codice Code	Dim.nastro "g" Belt size mm	Velocità libera Free speed l/min	Assorb. aria Air consumption l/min	Pressione aria Air pressure	Attacco aria Air hose size	Lunghezza tot. Overall lenght mm	Peso Weight gr	
CV-GNN 10	211680	**10 x 330**	**20000**	119	6,2	1/4"	331	850	1

Pressione aria 6,2 bar

CV-GNN 13

- Impugnatura confortevole
- Leva con sicura
- Silenziato
- Innesto aria rotante

- *Soft handle*
- *Safety lever*
- *Silencer*
- *Swivel connector air inlet*



Articolo Article	Codice Code	Dim.nastro "g" Belt size mm	Velocità libera Free speed l/min	Assorb. aria Air consumption l/min	Pressione aria Air pressure	Attacco aria Air hose size	Lunghezza tot. Overall lenght mm	Peso Weight gr	
CV-GNN 13	211697	**13 x 330**	**20000**	119	6,2	1/4"	331	850	1

Pressione aria 6,2 bar

CV-GNA 5

- Regolatore di velocità
- Con sicura a leva
- 1,6 HP

- *Speed governor*
- *Lever type*
- *1,6 HP*



Articolo Article	Codice Code	Diametro disco Disc size Ø mm	Velocità libera Free speed g/min	Assorb. aria Air consumption l/min	Pressione aria Air pressure	Attacco aria Air hose size	Lunghezza tot. Overall lenght mm	Peso Weight gr	
CV-GNA 5	211604	**125**	**12000**	133	6,2	3/8"	278	1900	1

Pressione aria 6,2 bar

CV-GNA 7

- Regolatore di velocità
- Con sicura a leva
- 2,2 HP

- *Speed governor*
- *Lever type*
- *2,2 HP*



Articolo Article	Codice Code	Diametro disco Disc size Ø mm	Velocità libera Free speed g/min	Assorb. aria Air consumption l/min	Pressione aria Air pressure	Attacco aria Air hose size	Lunghezza tot. Overall lenght mm	Peso Weight gr	
CV-GNA 7	211611	**180**	**8400**	133	6,2	3/8"	323	3400	1

Pressione aria 6,2 bar

CV-GNA 5 E

- Regolatore di velocità
- Con sicura a leva
- 1,6 HP
- Scarico aria posteriore

- *Speed governor*
- *Lever type*
- *1,6 HP*
- *Rear exhaust*



Articolo Article	Codice Code	Diametro disco Disc size Ø mm	Velocità libera Free speed g/min	Assorb. aria Air consumption m³/min	Pressione aria Air pressure	Attacco aria Air hose size	Lunghezza tot. Overall lenght mm	Peso Weight gr	
CV-GNA 5 E	211628	**125**	**12000**	113	6,2	1/4"	239	2000	1

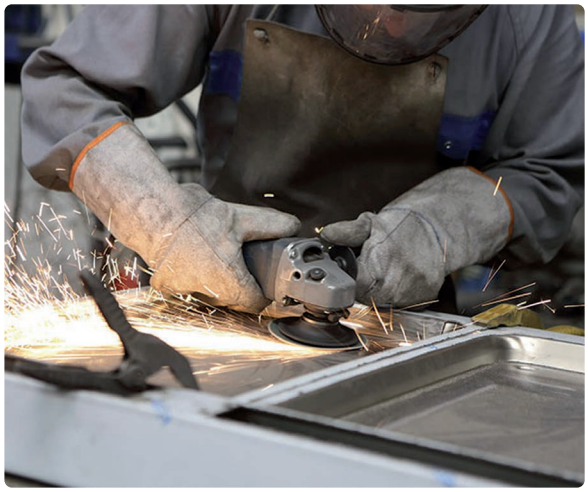
Pressione aria 6,2 bar

CV - Impugnatura

In gomma antivibrazione
Codice 212212

Vibration reduced handle
Code 212212







CV-MGN 1/8”

- Leggera - maneggevole
- *Easy operation - Lightweight*



Articolo Article	Codice Code	Vel. libera Free speed g/min	Assorb. aria Air cons. l/min	Press. aria Air press. MPa	Attacco aria Air hose size	Ø Tubo aria Air hose bore Ø mm	Lungh. tot. Overall lenght mm	Grado rumorosità Noise level	Pinza Chuck Ø mm	Peso Weight gr	
CV-MGN 1/8”	211703	**56000**	4,2	6,2	1/4”	6,35	140	63	3	100	1

Pressione aria 6,2 bar

CV-MGNS 1/8”

- Leggera - maneggevole
- *Easy operation - Lightweight*



Articolo Article	Codice Code	Vel. libera Free speed g/min	Assorb. aria Air cons. l/min	Press. aria Air press. MPa	Attacco aria Air hose size	Ø Tubo aria Air hose bore Ø mm	Lungh. tot. Overall lenght mm	Grado rumorosità Noise level	Pinza Chuck Ø mm	Peso Weight gr	
CV-MGNS 1/8”	211710	**50000**	4,2	6,2	1/4”	6,35	140	63	3	200	1

Pressione aria 6,2 bar

CV-PM

- Grande precisione.
- Per metallo marmo e granito.

- *High precision*
- *For metal, marble, stone, concrete.*

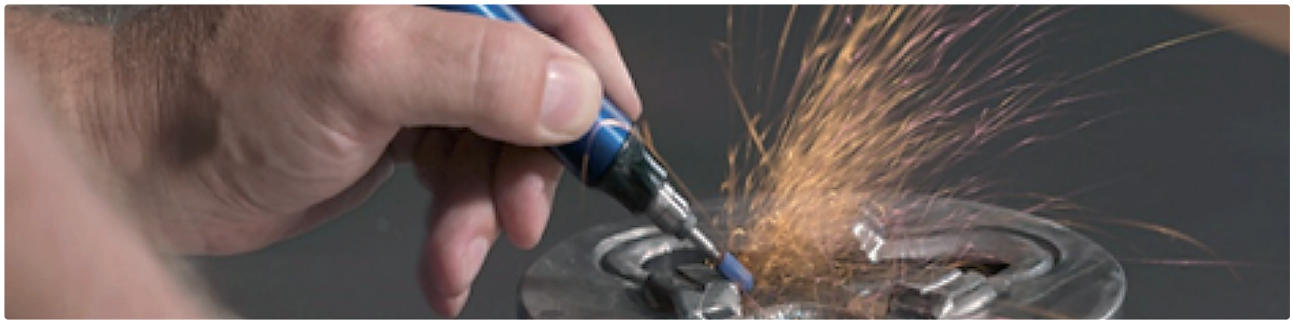


Articolo Article	**Codice** Code	**Frequenza** - BPM	**Attacco** Hose size mm	**Attacco aria** Air hose size mm	**Lunghezza tot.** Overall lenght mm	**Peso** Weight gr	
CV-PM	211673	**13500**	1/8"	1/4"	122	140	1

Pressione aria 6,2 bar







AD-2-E

Pistola di soffiaggio con ugello in acciaio.
Pistola di soffiaggio ad alta resistenza in plastica ed acciaio.
Innesto filettato passo gas cilindrico 1/4".
Erogazione progressiva dell'aria.

Air gun with steel nozzle
Heavy duty air gun, plastic and steel.
Cylindrical gas threads 1/4".
Progressive air supply.



AD-2-50E
Ugello dritto mm 50



Schermo protettivo
cod. 211741



AD-2-100E – Ugello dritto mm 100



AD-2-100EP – Ugello angolato 25° mm 100



AD-2000E



AD-2-200E – Ugello dritto mm 200



AD-2-300E – Ugello dritto mm 300

Articolo Article	Codice Code	Versione Version	Dim. ugello mm Nozzle dim. mm	Lunghezza Lenght mm	Peso gr. Weight gr.	Pressione esercizio Working pressure	Temp. esercizio Working temp.	
AD-2-50E	203470	Ugello dritto mm 50	50 x ø 3	147	93	0~10 Bar	0°~60° C	1
AD-2-100E	203463	Ugello dritto mm 100	100 x ø 3	106	106	0~10 Bar	0°~60° C	1
AD-2-100EP	205566	Ugello ang. 25° mm 100	100 x ø 3	197	106	0~10 Bar	0°~60° C	1
AD-2-200E	204613	Ugello dritto mm 200	200 x ø 3	297	113	0~10 Bar	0°~60° C	1
AD-2-300E	204620	Ugello dritto mm 300	300 x ø 3	297	128	0~10 Bar	0°~60° C	1
Espositore AD-2000E		30 pistole AD-2-E assortite (20 pz. AD-2-50-E / 5 pz. AD-2-100-E / 5 pz. AD-2-100-EP)						

AD-3-S

AD-3-100

AD-3000

Fornito con 50 pz. Art. AD-3 S



AD 3000



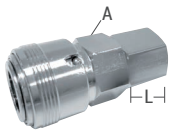
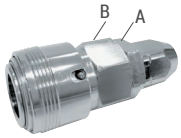
AD-3-S



AD-3-100 A

Articolo Article	Codice Code	Versione Version	Pressione max Max pressure	Temperatura Temperature	Peso gr. Weight gr.	
AD-3-S	187596	Ugello con sfiato di sicurezza	0,97 MPa	0°~60° C	71	1
AD-3-100A	187602	Ugello lungo	0,97 MPa	0°~60° C	83	1
Espositore AD-3000		50 pistole AD-3-S				

VALVOLE RAPIDE autobloccanti con sicurezza
One touch lock sockets

	Articolo Article	Codice Code	Attacco Application	A mm	L mm	B mm	Lungh. mm Lenght mm	Peso gr. Weight gr.	
	**SFOM-2**	212274	1/4"	19	12	–	54	86	1
	SFOM-3	212281	3/8"	19	13	–	55	93	1
	SFOM-4	212298	1/2"	19	14	–	56	105	1
	**SFOF-2**	212304	1/4"	19	11	–	50	92	1
	SFOF-3	212311	3/8"	19	12	–	51	90	1
	SFOF-4	212328	1/2"	19	13	–	51	120	1
	**SFOH-4**	212335	4,0 x 6,0	19	–	21	52,5	92	1
	SFOH-5	212342	5,8 x 8,0	19	–	21	54,5	102	1
	SFOH-6.5	212359	6,5 x 10	19	–	21	58	108	1
	SFOH-8	212366	8,0 x 12	19	–	21	60	109	1
	**SFOT-2**	212373	1/4" - 6,35	7	20	–	61	85	1
	SFOT-2A	212380	5/16" - 8	9	22	–	64	88	1
	SFOT-3	212397	3/8" - 9,5	11	25	–	66	101	1
	SFOT-4	212403	1/2" - 12,77	14	30	–	71	101	1

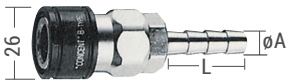


DISTRIBUTORI ROTANTI
Joint concent

	Articolo Article	Codice Code	Attacco Application	Lunghezza mm Lenght mm	Descrizione Description	
	**BJF-1P**	135870	1/2"	57	Distributore rotante singolo *Single joint concent*	1
	**BJF-2**	135863	1/2"	132,6	Distributore rotante doppio *Double joint concent*	1

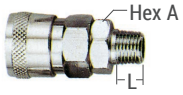
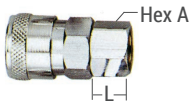
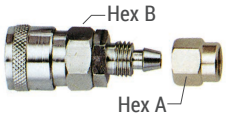
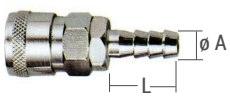
VALVOLE RAPIDE AUTOBLOCCANTI

One touch lock sockets

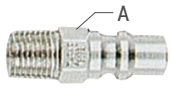
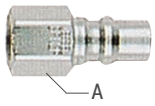
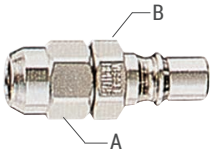
	Articolo Article	Codice Code	Attacco Application	A mm	L mm	B mm	Lungh. mm Lenght mm	Peso gr. Weight gr.	
	**FOM-2**	157155	1/4"	21	13	–	54	98	5
	FOM-3	157162	3/8"	21	13	–	54	103	5
	FOM-4	157179	1/2"	21	14	–	55	112	5
	**FOF-2**	157117	1/4"	19	11	–	52	106	5
	FOF-3	157124	3/8"	21	11	–	53	110	5
	FOF-4	157131	1/2"	24	13	–	53	116	5
	**FOH-4**	157186	4,0 x 6,0	12	–	21	52	98	5
	FOH-5	157193	5,0 x 8,0	14	–	21	54	102	5
	FOH-6.5	157094	6,5 x 10,0	16	–	21	58	102	5
	FOH-8	157209	8,0 x 12,0	19	–	21	62	124	5
	**FOT-2**	157216	1/4" - 6,35	7	20	–	61	94	5
	FOT-2A	157223	5/16" - 8	9	24	–	65	98	5
	FOT-3	157230	3/8" - 9,5	11	26	–	67	100	5
	FOT-4	157247	1/2" - 12,77	14	26	–	67	104	5

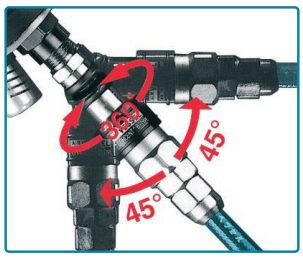
VALVOLE RAPIDE

Standard sockets

	Articolo Article	Codice Code	Attacco Application	A mm	L mm	B mm	Lungh. mm Lenght mm	Peso gr. Weight gr.	
	**FSM-2**	157322	1/4"	19	13	–	49	845	5
	FSM-3	157339	3/8"	19	13	–	49	885	5
	FSM-4	157100	1/2"	21	14	–	50	985	5
	**FSF-2**	157292	1/4"	19	10	–	44	865	5
	FSF-3	157308	3/8"	21	11	–	45	905	5
	FSF-4	157315	1/2"	24	13	–	47	975	5
	**FSH-4**	157346	4,0 x 6,0	12	–	19	48	855	5
	FSH-5	157353	5,0 x 8,0	14	–	19	50	925	5
	FSH-6.5	157360	6,5 x 10,0	16	–	19	54	985	5
	FSH-8	157377	8,0 x 12,0	19	–	19	56	1105	5
	**FST-2**	157384	1/4" - 6,35	7	20	–	57	805	5
	FST-2A	157391	5/16" - 8	9	24	–	60	845	5
	FST-3	157407	3/8" - 9,5	11	26	–	62	845	5
	FST-4	157414	1/2" - 12,7	14	26	–	62	905	5

INNESTI
Plugs

	Articolo Article	Codice Code	Attacco Application	A mm	B mm	Lungh. mm Lenght mm	Peso gr. Weight gr.	
	**FPM-1A**	165181	1/8"	14	–	37	20	10
	FPM-2	156943	1/4"	14	–	41	25	10
	FPM-3	156950	3/8"	17	–	40	34	10
	FPM-4	156967	1/2"	21	–	42	48	10
	**FPF-2**	156974	1/4"	17	–	36	30	10
	FPF-3	156981	3/8"	21	–	37	42	10
	FPF-4	156998	1/2"	24	–	38	47	10
	BPN-2e	135665	PF1/4"	17	–	36	27	10
	**FPH-4**	157049	4,0 x 6,0	12	14	38	25	10
	FPH-5	157056	5,0 x 8,0	14	14	39	30	10
	FPH-6.5	157063	6,5 x 10,0	16	16	44	40	10
	FPH-8	157070	8,0 x 12,0	19	19	46	56	10
	BPH-8.5	135719	8,5 x 12,5	19	19	47	56	10
	**FPT-2**	157001	1/4" - 6,35	7	–	45	19	10
	FPT-2A	157018	5/16" - 8	9	–	52	25	10
	FPT-3	157025	3/8" - 9,5	11	–	52	26	10
	FPT-4	157032	1/2" - 12,7	14	–	57	38	10



INNESTI SNODATI
Free angle plugs

	Articolo Article	Codice Code	Attacco Application	ø D mm	Lungh. mm Lenght mm	Peso gr. Weight gr.	
	**FFPM-2**	157254	1/4"	19	73	74	1
	FFPM-3	157148	3/8"	19	74	82	1
	**FFPF-2**	157261	1/4"	19	71	82	1
	**FFSM-2**	157278	1/4"	19	65	68	1
	**FFSF-2**	157285	1/4"	19	63	76	1

CONSIGLI D'USO

ATTENZIONE: Per usare gli utensili in sicurezza bisogna essere sicuri di aver letto e capito attentamente il manuale d'istruzione, non toccate nulla se non siete certi di aver capito pienamente il manuale.

CAUTION: *To use the tools safely, be sure to thoroughly read the relevant instruction manual and understand the instructions before starting to operate them. Do not attempt to operate the tools nor replace the tip tools unless your have fully understood the instructions.*



Prima di lavorare

Essere sicuri di aver collegato il raccordo ed il tubo in modo sicuro all'utensile altrimenti possono verificarsi scollegamenti accidentali del tubo che potrebbero causare seri incidenti.

Before operation

Be sure to connect the air joints and hose securely, to the tool: otherwise, accidental disconnection of the hose or air leakage may result, causing serious accidents.



Essere sicuri di aver controllato accuratamente il vostro utensile prima dell'uso.
Se riscontrate un difetto sullo stesso o su un suo accessorio smettete di utilizzarlo per farlo controllare ad un manutentore.

Be sure to check your tool carefully before in use.
Should the tool itself or its accessories be found defective, stop using the tool immediately for check-up.



Assicurarsi che l'utensile sia quello specifico per il vostro lavoro.
Per favore contattate il vostro rappresentante o direttamente noi quando non siete sicuri anche dopo aver letto il manuale d'istruzione.

Make sure the tools applicable for the working purpose.
Please contact your agent or us directly when the details found not cleared even after checked in attached instruction manuals.



Fornitura d'aria

Utilizzare solo aria compressa.
Non utilizzare mai altri gas come il gas domestico od altri.

Air supply

Do not use other air supply than air compressor filled.
Never use other air supply such as home gas, etc.



Essere sicuri di utilizzare la pressione d'aria raccomandata per l'utensile.
Una pressione eccessiva può rovinare l'utensile o provocarvi seri danni accorciandogli la vita. Siccome l'aria compressa contiene polvere ed umidità installare sempre essiccatore e gruppi FRL per rimuovere tali indesiderati elementi.

Be sure to use the recommended air pressure (at the tool). Excessively high air pressure than recommended level may ruin the tool or give you serious damages. Since air from compressor contains moisture and dust, install air dryer and filter to remove such undestrable elements.



Dare alla macchina l'appropriata lubrificazione, la lubrificazione è indispensabile per i motori ad aria durante e dopo il funzionamento dell'utensile immettere qualche goccia di olio (olio idraulico VG10) nello stesso attraverso la presa d'aria sul corpo della macchina. Applicare periodicamente del grasso (a base di litio) sui battenti, ingranaggi e cuscinetti.

Give the machine proper lubrication.
Lubrication is indispensable to air motor. During and after the machine operation, refil several drops of the spindle oil (hydraulic oil VG10) through the air inlet on the machine body. Apply grease (lithium-based) periodically to the impact areas, gears and bearings.

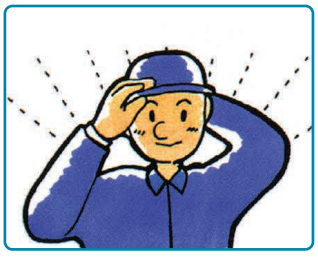


Precauzioni

Controllare la sicurezza attorno a voi e poi incominciate a lavorare nella posizione appropriata.

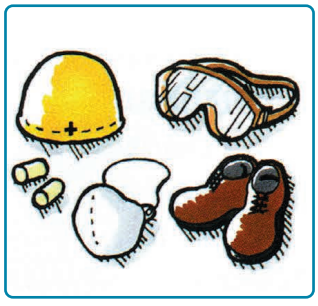
Precaution for operation

Check safety around you and then start working in a proper posture.



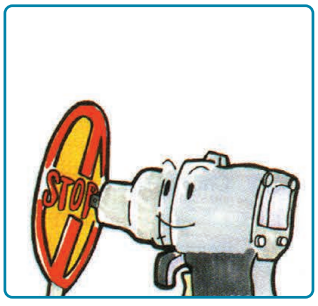
Compiere il proprio lavoro in abiti adatti e senza accessori.
I capelli lunghi devono essere messi sotto il casco di sicurezza.

Carry out your work in proper working clothes without any accessories.
Long hair should be put in the safety head cap.



Portare a termine il vostro lavoro utilizzando gli accessori di protezione (guanti da lavoro, occhiali di protezione, elmetti, cuffie o tappi auricolari ecc.)

Carry out your work with protective gears (goggles working glovers; hair hat, ear pads, safety shoes, etc.) on.

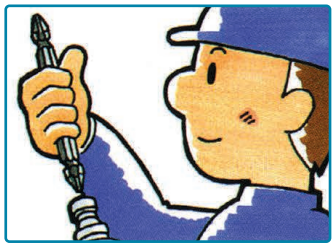


Impiego della macchina

Quando si finisce o si interrompe un lavoro, per sicurezza bisogna chiudere l'aria che arriva dal compressore. Essere sicuri che l'utensile abbia finito la rotazione prima di riporlo. Controllare sempre la direzione della rotazione prima di iniziare a usarlo.

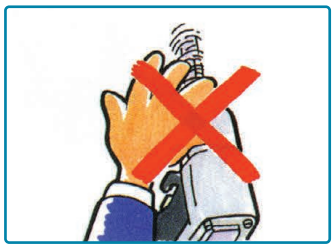
Handling the machine

When stopping or finishing your work, be sure to shut off the compressed air at the compressor for its security. Be sure to stop the rotation of the tool and stop the air supply when you replace tip tools. Check the rotation direction before starting the tool.



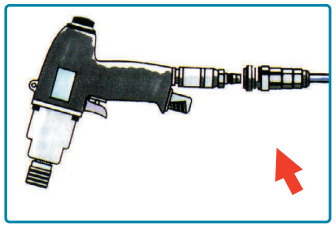
Non usare utensili manuali applicati alla macchina.
È facile causare danno all'utensile e pericolosi incidenti.
Assicurarsi di aver scelto gli appropriati inserti ed adattatori per l'utensile ad aria.

Do not use hand tool application.
It easily causes the damage of tip tools and serious accident.
Be sure to choose the proper bits and adapters for air tools.



Non toccare le parti rotanti della macchina nel loro utilizzo; altrimenti è facile procurarsi ferite, spesso di grave entità.
Evitare l'aria di scarico sia direttamente che indirettamente sugli occhi e sulle orecchie.

Do not touch the rotational areas of the machine in use: otherwise, injury may result. This is very dangerous. Avoid the exhausts from your eyes and ears either directly or indirectly.

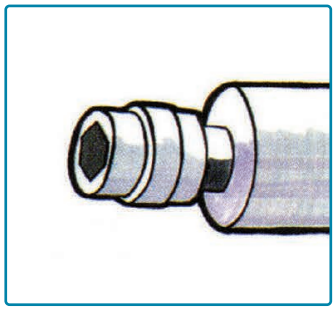


Sostituzione degli utensili

Prima di installare o sostituire un accessorio su un utensile (inserti, bussole, frese, dischi, lame etc.) essere sicuri di aver staccato il tubo dell'aria altrimenti potrebbero accidentalmente azionarsi e gli accessori non correttamente montati o danneggiati potrebbero staccarsi causando incidenti, questa dimenticanza è molto pericolosa.
Non far girare a vuoto il motore prima dell'uso.

Installing tip tools

Before tools put on services for installing or replacing the tip tools (bits, sockets, grindstones with shafts, headcups, blades, etc.), be sure to disconnect the air hose from the tools; otherwise, these tools may operate accidentally during their replacement or come off during operation, resulting in accidents.
This is very dangerous. Never try to run the motor free loaded before use.



Avvitatori o trapani

- Usare inserti, bussole o punte adatti all'applicazione dell'utensile.

Chiavi ad impulso

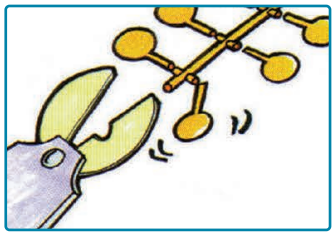
- Usare inserti e bussole adatti all'applicazione dell'utensile
- Per installare le bussole essere sicuri di usare specifici O-rings e perni. (Usare solo gli anelli di sicurezza non è sufficiente per bloccare la bussola).

Air screwdriver and air drills

- *Use bits, sockets or drills for power tool application.*

Air impact wrench

- *Use bits and sockets for power tool application.*
- *To install the sockets, be sure to use our specified O-rings and socket pins. (Use of only retainer rings is not sufficient enought to hold the socket.).*



Tronchesi roditrici, cesoie e lame

- Continuare ad usare lame rotte può causare seri danni all'utensile o danneggiare il materiale di lavoro, perciò sostituire immediatamente le lame quando sono rotte.
- Sostituire la lama dei tronchesi a caldo quando è fredda.
  Fare attenzione che trattengono il calore anche dopo aver tolto la corrente.

Air Nipper, air nibbler, cut-off tools and blade

- *Continuous use of broken blades may result in serious damage to the tools or accidents, therefore, replace the blades when they are broken.*
- *Replace the blade of the heat nippers after it gets cool.*
  Be aware that they retain heat even after the power is turned off.



Microsmerigliatrici e smerigliatrici

- Scegliere l'appropriato utensile da usare per la corretta applicazione facendo riferimento ad un fidato catalogo di un produttore di questi accessori.
- Non usare mole rotte altrimenti delle schegge potrebbero disperdersi causando ferimenti.
- Non usare mole con differente diametro dell'albero. Potrebbe essere di danno all'utensile ad aria o al pezzo lavorato.
- Evitare di sovraccaricare e di serrare il dado della pinza senza inserire il gambo di un'accessorio o installarlo in modo sporgente o non interamente nella propria sede, in questo modo possono verificarsi danni alla macchina o pericolosi incidenti.

Air micro grinder and die grinder

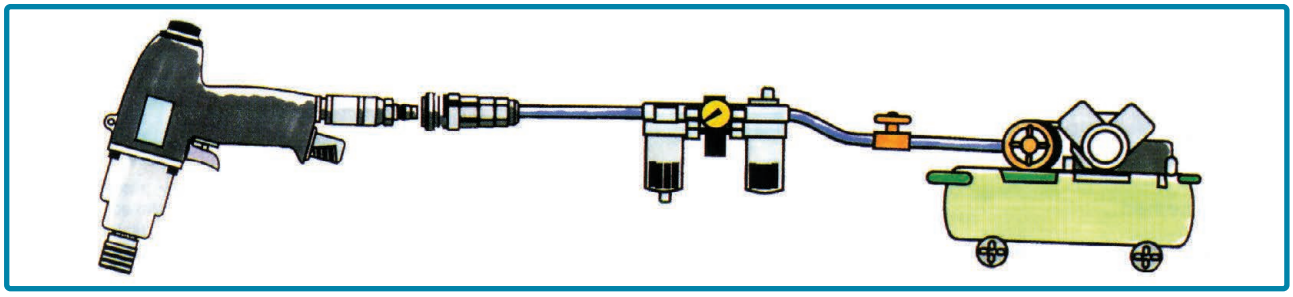
- *Choose the proper tip tools to meet the right applications, by referring to catalogs from the reliable manufacturers of these tools.*
- *Do not use broken grindstone; otherwise, chips may scatter, causing injury.*
- *Do not use grindstones with different shaft diameter.*
  It may result in damage to the tool or work pieces.
- *Avoid over-tightening and tightening the collet without inserting shaft of the tip tools or installing it to the extent to which it exceeds the specified overhang; otherwise, damage to the machine or accident may result.*

Stoccaggio - Storage

Immagazzinare gli utensili ad aria in posti privi di polvere, umidità, condensa e gelo.
Store the machine in places free of dust, humidity, condensation, and freezing.

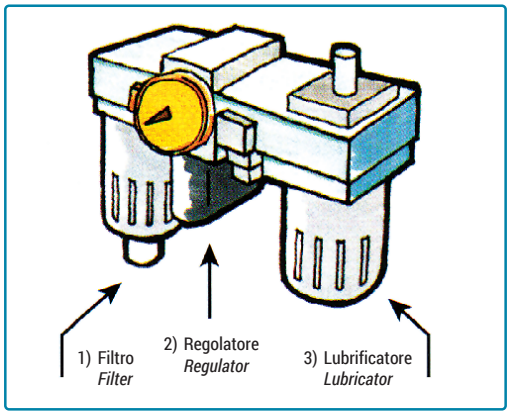
Riparazioni - Repair

Non smontare o riassemblare l'utensile senza necessità e senza un personale qualificato, è facilissimo creare dei danni o guasti all'utensile.
Do not disassemble or reassemble the machine unnecessarly, otherwise machine failure or damage to the tool may result.



PER UNA LINEA D'ARIA MIGLIORE

For better air line



FRL

1) Filtro - Elimina l'umidità e la sporcizia presenti nella linea.

2) Regolatore - Regola il volume e la corretta pressione dell'aria per ogni utensile

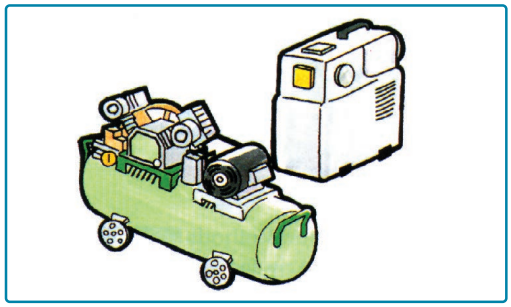
3) Lubrificatore - I nostri utensili hanno bisogno di una lubrificazione periodica per un corretto funzionamento. Olio raccomandato: ISO-VG10 o equivalenti

FRL

***1) Filter** - To eliminate the moisture and dirt articles from air line to the tool.*

***2) Regulator** - To adjust air volume for correct and recommended pressure to the tool.*

***3) Lubrificator** - Our air tools need the lubrication periodically for correct performance of the tool. Recommended oil: ISO-VG10 our equivalent.*

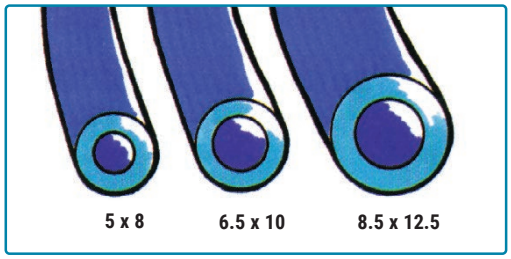


Compressore

Scegliere il compressore che fornisce sufficiente pressione e volume d'aria. Controllare periodicamente lo scarico di condensa per rimuovere acqua e formazione di ruggine che potrebbero danneggiare l'utensile.

Air Compressor

Choose the air compressor to supply enough air pressure and flow consumption volume. Check periodically to remove the drain water to be free from rusting and possible troubles of air tools.

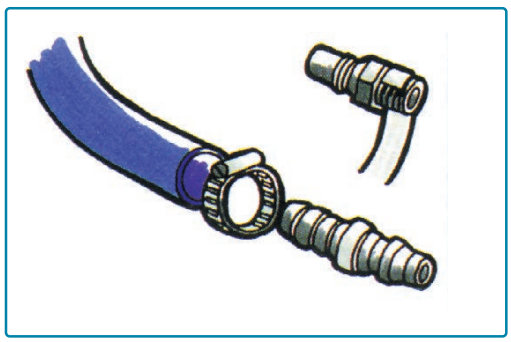


Tubi aria

I tubi flessibili per l'aria sono fatti di gomma, uretano, nylon ed altri.
Scegliere quello appropriato per resistenza alla pressione, lunghezza e diametro.
Usare il gruppo FRL per regolare la pressione.

Air Hose

*Air supply hoses are made of rubber, urethane, nylon and so on.
Choose the proper one by pressure resistance, length, and diameter size.
Use the regulator to adjust the air pressure for tools.*



Raccordi aria

Per collegare gli utensili ai tubi dell'aria o fra tubi e tubi, scegliere quello con il migliore flusso d'aria così da prevenire delle diminuzioni di pressione, siate sicuri di montare correttamente il tubo anche con la fascetta a vite. L'innesto si può collegare alla valvola con un tocco. Potete scegliere dalla nostra produzione i raccordi più adatti. Per maggiori dettagli consultare le pagine del nostro catalogo.

Air Hose Couplings

Connection tool between air hose and air tool or between air hoses. Choose the one with better air flow so that prevent decreasing air pressure and lack of it. Make sure to mount the connection tight and put the sealing on the screw part. Coupling can connect socket and plug by one touch. You can select from our own manufactured couplings. See other pages for the details.



CONDIZIONI GENERALI DI VENDITA

1) Prodotti

Il completo assortimento delle merci in catalogo è disponibile presso i ns. magazzini di Milano, salvo il venduto.

2) Prezzi

I prezzi si intendono franco ns. magazzino di Milano, sono esclusivamente indicativi e non impegnativi ed avranno valore, in ogni caso, quelli in vigore al momento della spedizione.

3) Spedizioni

La merce viaggia a rischio e pericolo del committente, anche se venduta franco destino.
Non si accettano reclami trascorsi 5 giorni dal ricevimento.

4) Pagamenti

I pagamenti vengono regolati tramite l'emissione di riba a 60 gg. data fattura, verso la clientela abituale; per contanti negli altri casi.
I termini di pagamento sono tassativi. In difetto di pagamento alla scadenza è perduto lo sconto pattuito e decorreranno in ogni caso gli interessi di mora. Nell'eventualità che a causa di periodi di ferie vengano richiesti spostamenti delle scadenze delle tratte, essi verranno accordati unicamente se all'ammontare del 50% delle tratte stesse sarà data scadenza anticipata di un periodo identico a quello della proroga richiesta. Diversamente verranno addebitati gli interessi. Il pagamento si intende sempre pattuito al domicilio del venditore, non importa dove e come sia concluso il contratto.
I pagamenti non sono validi se non effettuati presso la ns. sede di Milano.

5) Ordini

Importo minimo fatturabile Euro 200,00.
Per ordine di importo inferiore ci riserviamo di esporre un addebito a titolo di contributo spese amministrative e commerciali di Euro 5,50.

L'evasione degli ordini è subordinata alla comunicazione, da parte dell'acquirente, del proprio numero di codice fiscale (Partita IVA per le Soc.).
Le ordinazioni eventualmente prive di indicazione di prezzo, saranno evase al prezzo di listino in vigore. Si prega vivamente di indicare sempre, sugli ordini, il numero di codice dell'articolo richiesto. Le epoche di consegna sono sempre approssimative e non tassative e subordinate a qualsiasi causa di forza maggiore. L'impegno per l'esecuzione s'intende cessato nel caso in cui diventi dubbia la solvibilità del cliente.

6) Resi

Gli articoli a catalogo possono essere accettati di ritorno, unicamente alle seguenti condizioni:
a) che se ne richieda la sostituzione con altri della stessa casa
b) che non siano mai stati usati
c) che siano in perfetto stato
d) che non siano trascorsi più di 60 giorni dalla data di acquisto
e) che l'ammontare dell'ordine di sostituzione sia almeno il doppio dell'importo del reso
f) che le merci rese siano rifatturate al prezzo in vigore alla data dell'acquisto e ritornate in Porto Franco

7) Marchi

I nostri marchi depositati presso l'Ufficio Centrale Brevetti, sono di esclusiva proprietà della Finat. Ogni uso arbitrario od illecito, quanto ogni abuso, verranno perseguiti a termine di legge. Per qualsiasi controversia, nessuna eccettuata, è convenuta l'esclusiva competenza del Foro di Milano.

8) Condizioni di trasporto per un servizio sempre più sollecito e vantaggioso

1) Per ordini inferiori a Euro 1000,00.
a) Fino a 20 kg - corriere espresso convenzionato (consegna 24 ore)
b) Oltre 20 kg - corriere collettame convenzionato con tariffa convenzionata che vi sarà comunicata dal ns. Agente di zona.

2) Per ordini superiori a Euro 1000,00

Porto franco destino

Naturalmente, per offrire il miglior servizio non sarà accettato nessun altro tipo di trasporto.

3) Materiale pesante o ingombrante
Spese di trasporto a carico del destinatario anche per ordini superiori a Euro 1000,00

9) Documentazione tecnica per la nostra attrezzatura sollevamento

- L'attrezzatura viene corredata di certificazione "CE" (Dichiarazione di conformità + manuale di uso e manutenzione)
- Relazione di calcolo fornita solo su richiesta e fatturata (addebitata) separatamente.



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