





SERIE ORIZZONTALE

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SERIE VERTICALE

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SERIE A TIRANTE

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SERIE CON ASTA A SPINTA

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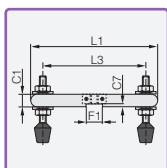
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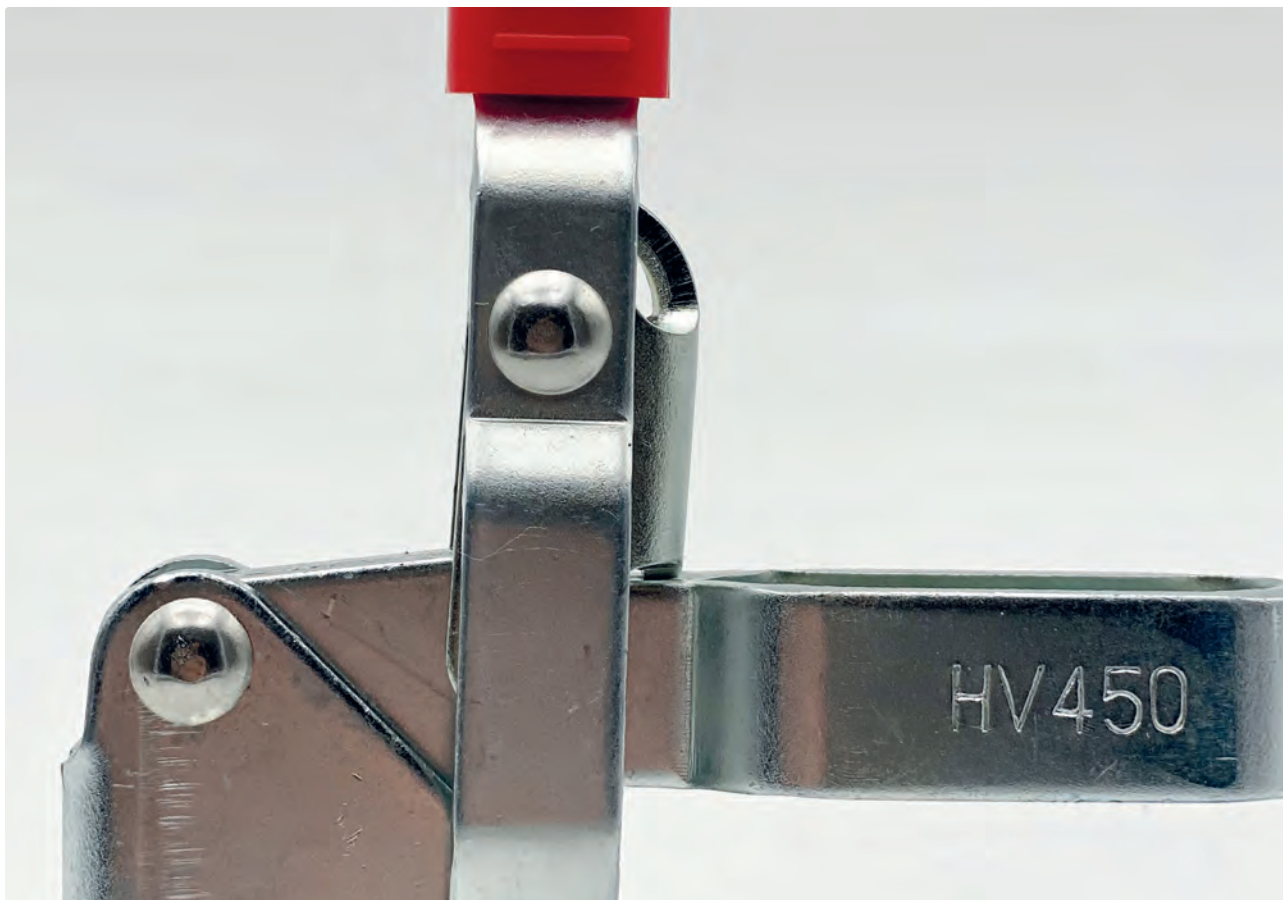
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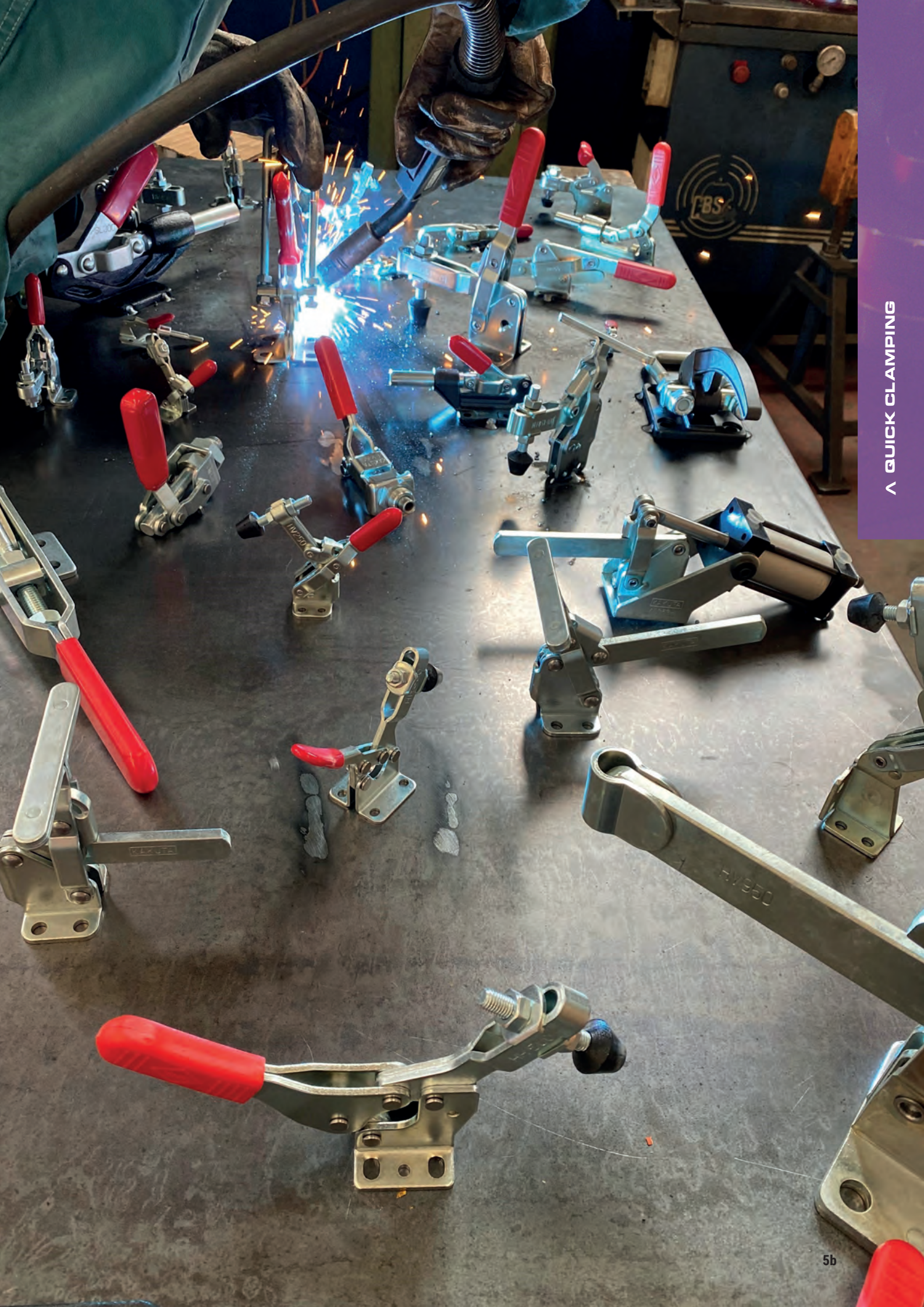
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* 🡗 nuovo **NEW**





^ QUICK CLAMPING



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°

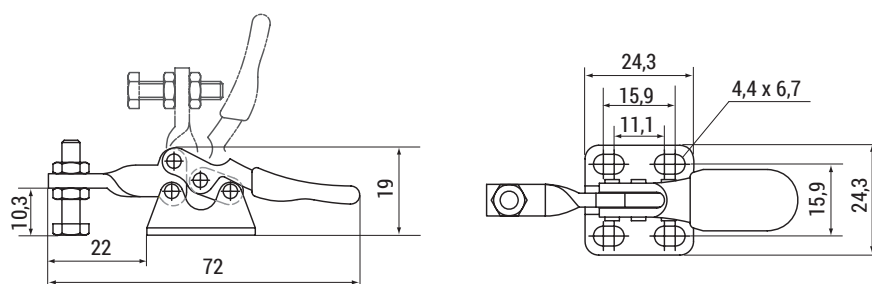


HH 150

HH 150-2S INOX

Base orizzontale

Horizontal base

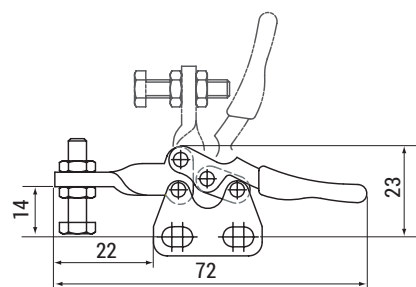


HH 151-B

HH 151-B-2S INOX

Base verticale

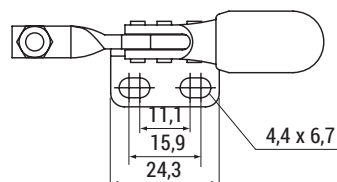
Vertical base



HH 154-LE

Mezza base sinistra

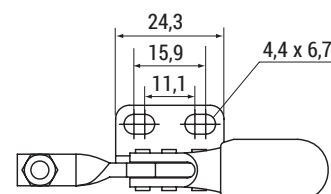
Half base - left



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

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.



Rotazione leva: 70°

Handle moves: 70°

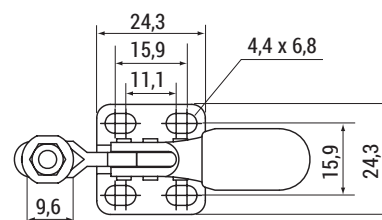
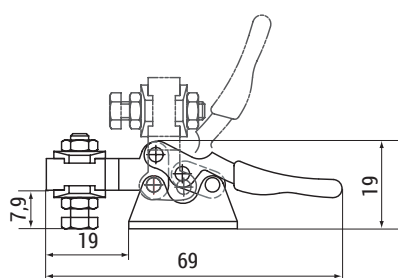


HH 250

HH 250-2S INOX

Base orizzontale

Horizontal base

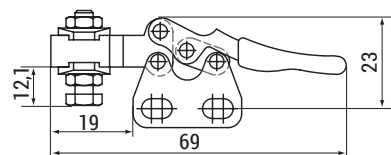


HH 251-B

HH 251-B-2S INOX

Base verticale

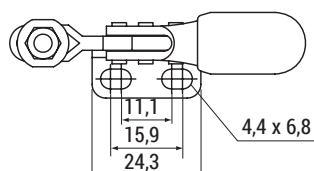
Vertical base



HH 254-LE

Mezza base sinistra

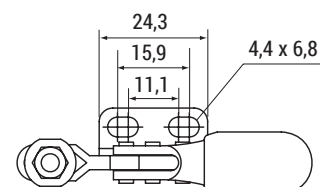
Half base - left



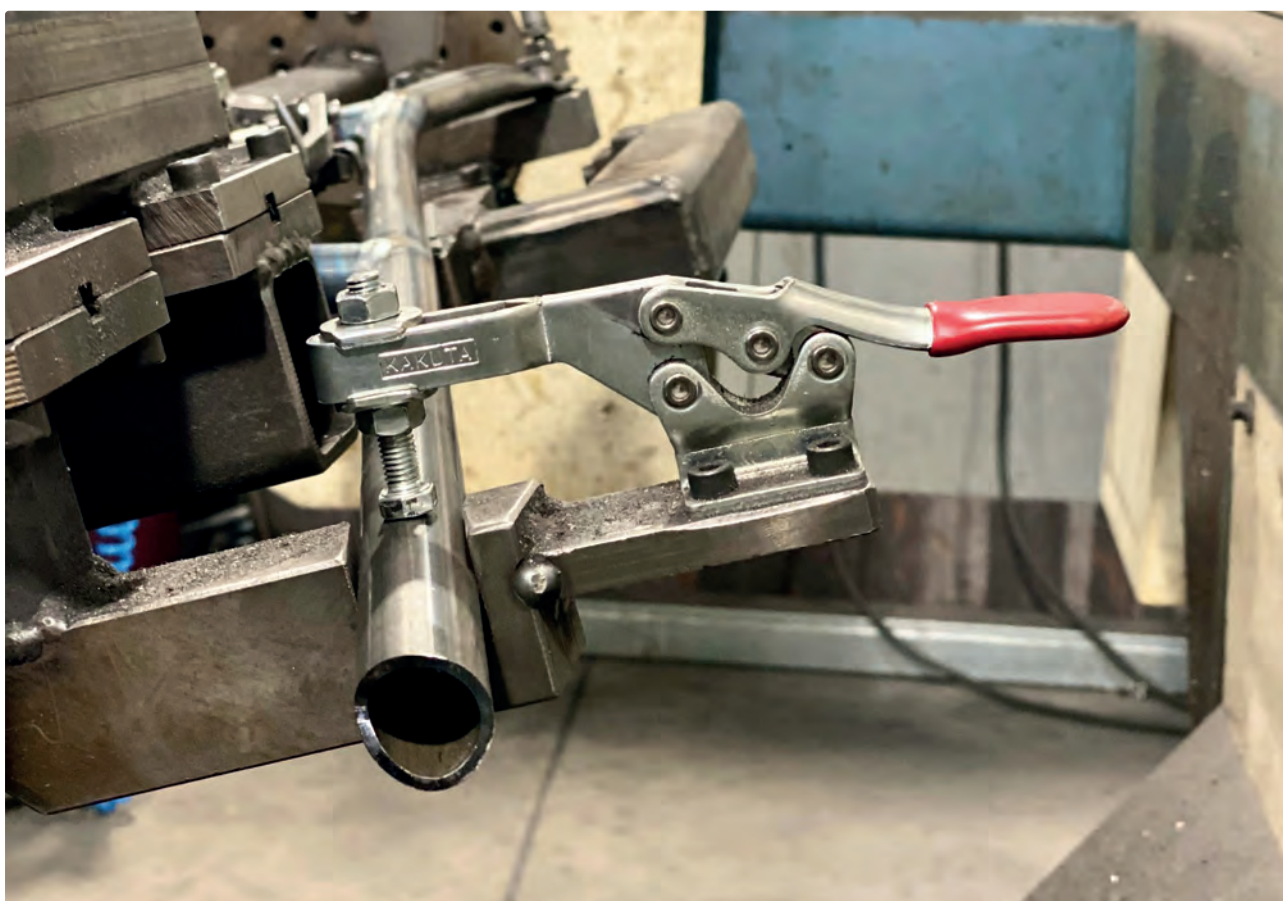
HH 255-R

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





Serie orizzontale

HH 300

HH 400

HH 500

HH 600



Rotazione leva: 70°
Handle moves: 70°

Fornito completo di puntale in neoprene.

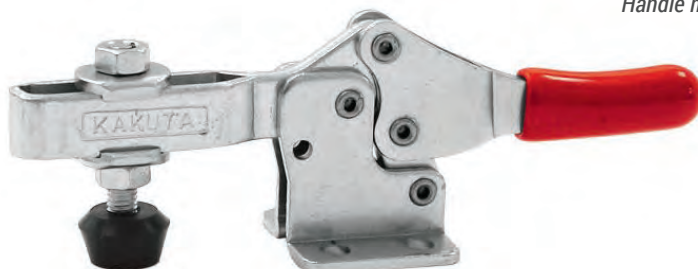
Tutti i rivetti sono in acciaio inox.

Barra chiusa.

Supplied with neoprene tipped adjustable threaded spindle.

All rivets are made of stainless steel.

Close clamping bar.

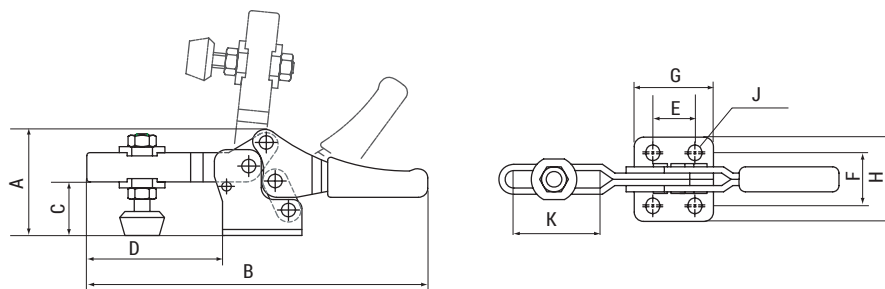


HH 300 / HH 400 / HH 500 / HH 600

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

Base orizzontale

Horizontal base

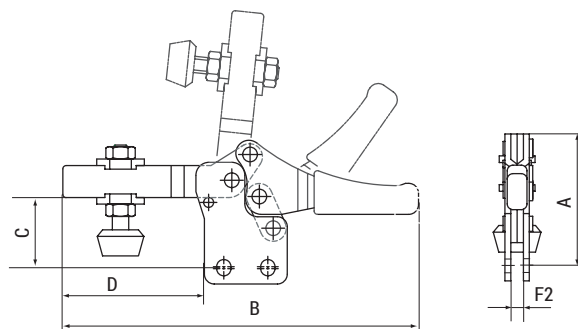


HH 301-B / HH 401-B / HH 501-B / HH 601-B

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	
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.

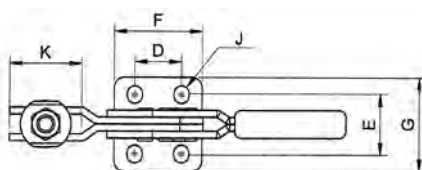


HH 300-L / HH 400-L / HH 500-L

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

Base orizzontale

Horizontal base

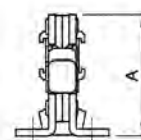
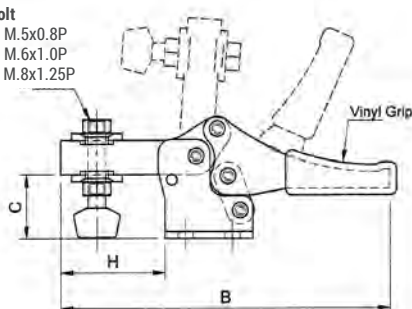


Rubber Bolt

HH300-L M.5x0.8P

HH400-L M.6x1.0P

HH500-L M.8x1.25P

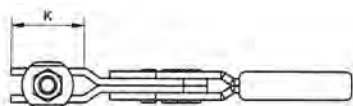


HH 301 - BL / HH 401 - BL / HH 501 - BL

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

Base verticale

Vertical base



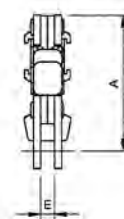
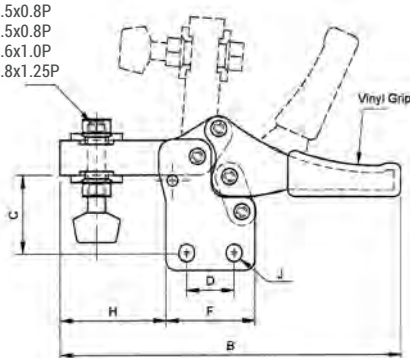
Rubber Bolt

HH301-BL M.5x0.8P

HH401-BL M.5x0.8P

HH441-BL M.6x1.0P

HH501-BL M.8x1.25P



Articolo Article	Codice Code	INOX	Codice Code	Portata kg Capacity kg	A	B	C	D	E	F	F2	G	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	

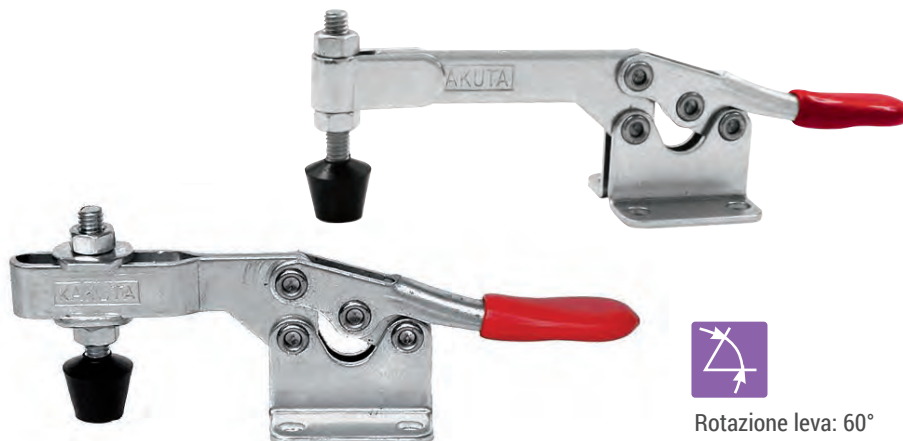
HH 350

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.



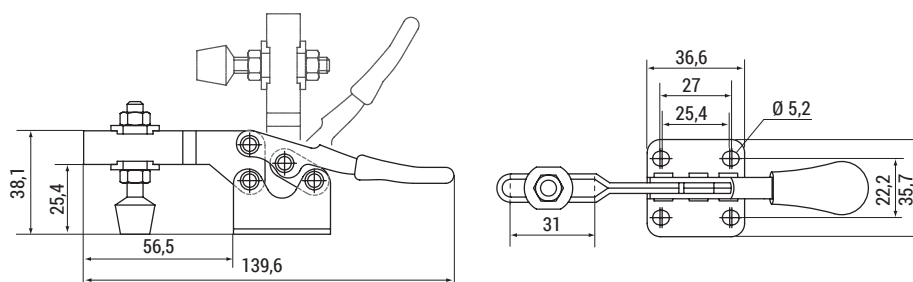
Rotazione leva: 60°
Handle moves: 60°

HH 350

HH 350-2S INOX

Base orizzontale - Barra chiusa

Horizontal base - Close clamping bar



HH 350-S

Barra piena / Solid bar

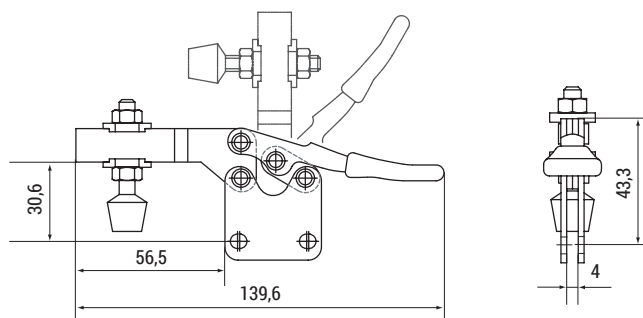


HH 351-B

HH 351-B-2S INOX

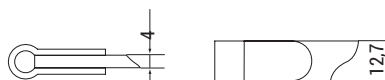
Base verticale - Barra chiusa

Straight base - Close clamping bar



HH 351-SB

Barra piena / Solid bar



Caratteristiche Specifications		Codice Code	INOX	Codice Code	Portata Kg Capacity Kg	Peso g Weight g	
Base orizzontale / Horizontal base	HH 350	148498			90	125	10
Base verticale / Straight base	HH 351-B	148504			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°

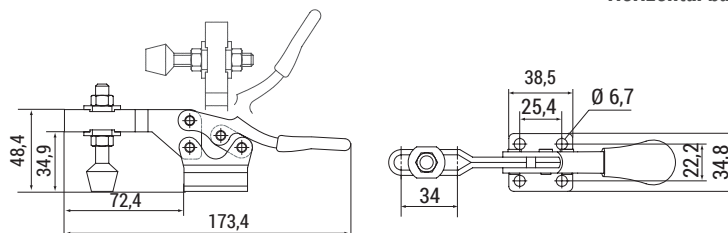
Handle moves: 65°

HH 450

HH 450-2S INOX

Base orizzontale

Horizontal base

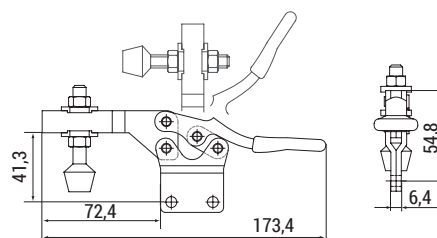


HH 451-B

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.

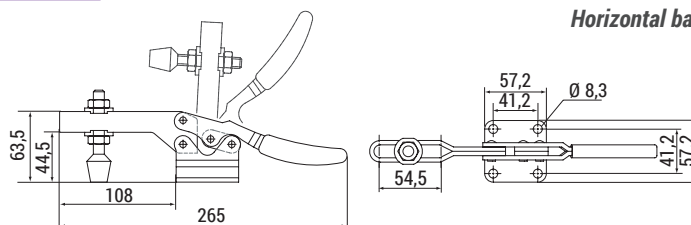


Rotazione leva: 65°

Handle moves: 65°

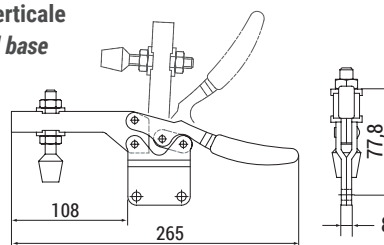
HH 550

Base orizzontale
Horizontal base



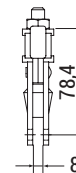
HH 551-B

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

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).

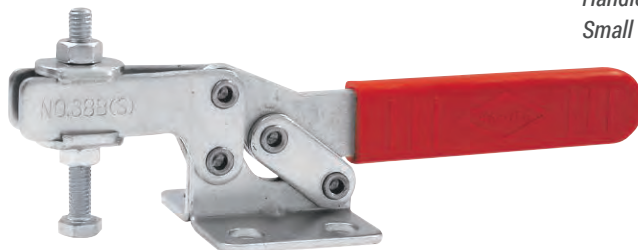
Barra aperta.

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.



Rotazione leva:

Small 70°, Large 80°

Handle moves:

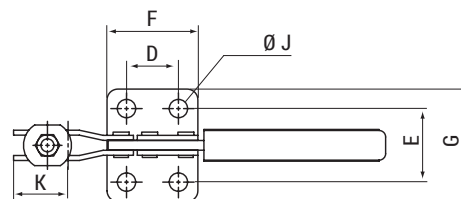
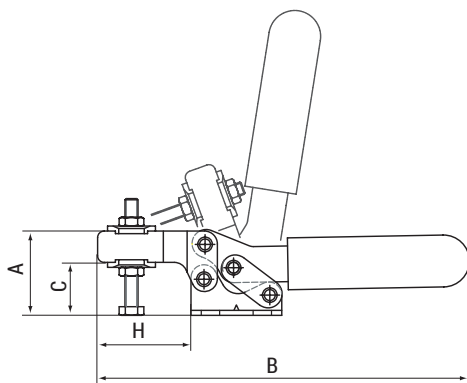
Small 70°, Large 80°

38 B (Small)

38 B (Large)

Base orizzontale

Horizontal base

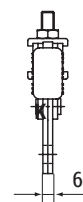
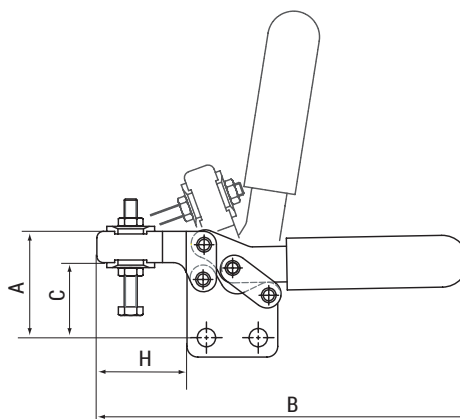


38 S (Small)

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



Serie orizzontale

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°

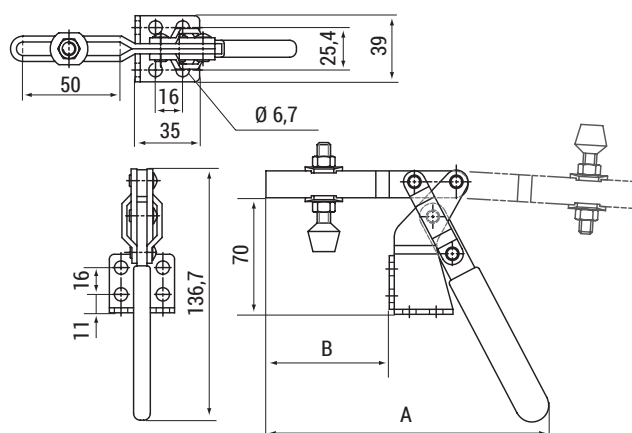
Rotazione barra: 180°

Bar moves: 180°

82 B

Barra chiusa

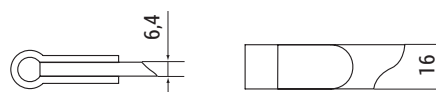
Close clamping bar



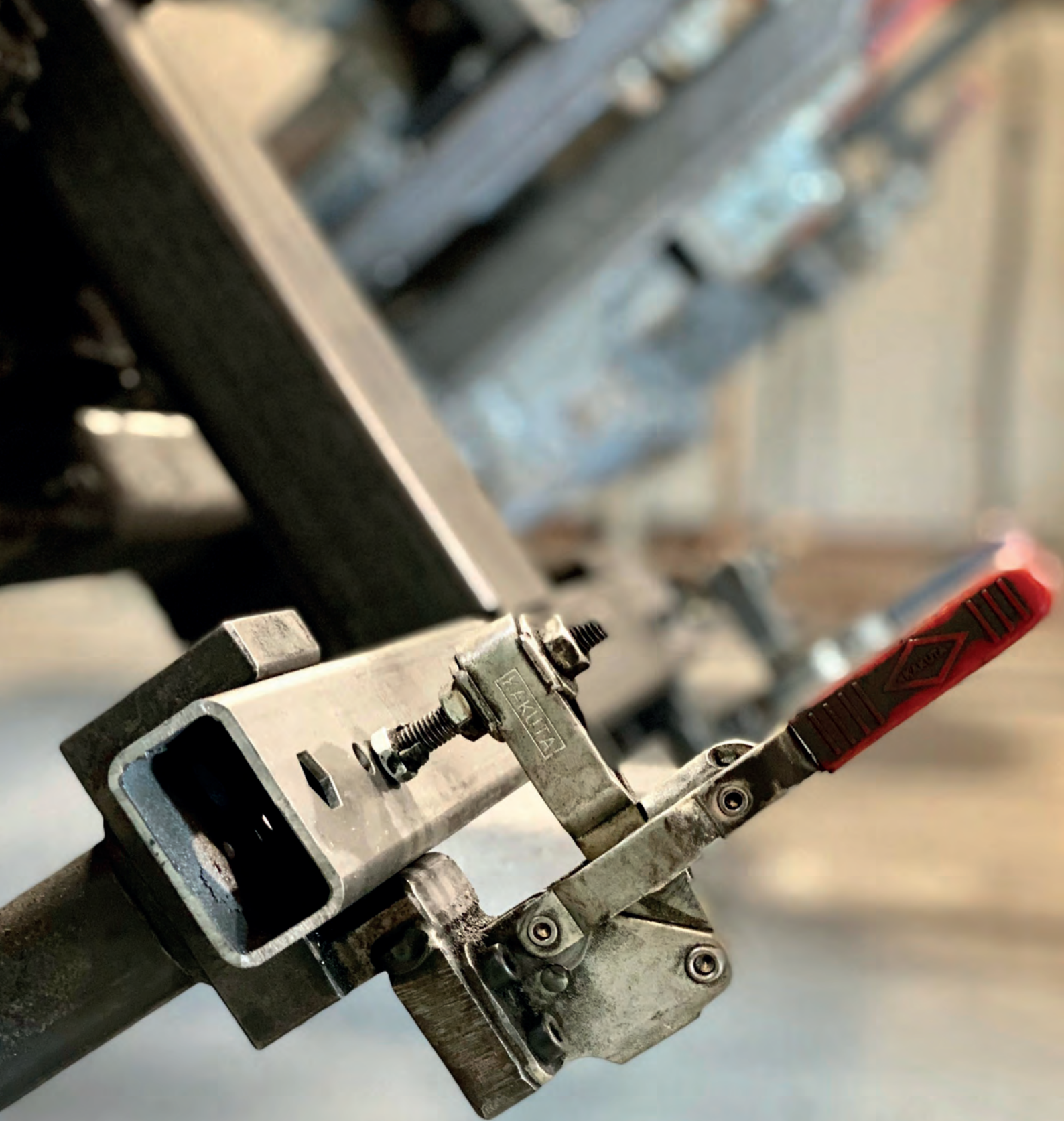
82 S

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





Serie verticale

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°

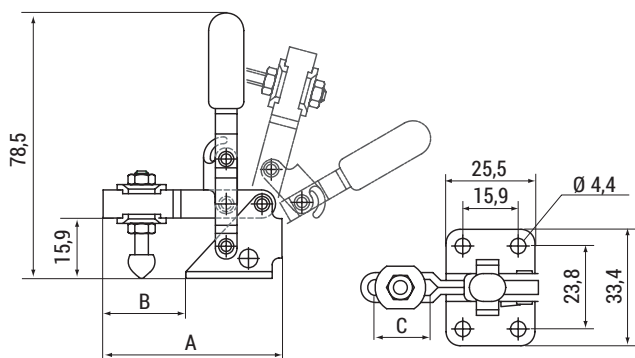
HV 150

HV 150-2S INOX

Base orizzontale / Horizontal base

HV 153-XL

Barra lunga / Longer arm



HV 152 T

Impugnatura a "T"

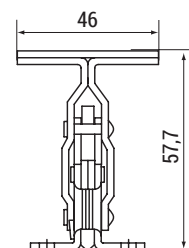
Ideale per materiali delicati e
pressioni limitate. Barra a "U"

Tutti i rivetti sono in acciaio inox.

"T" handle

Ideal for lightweight materials
and light work. "U" bar.

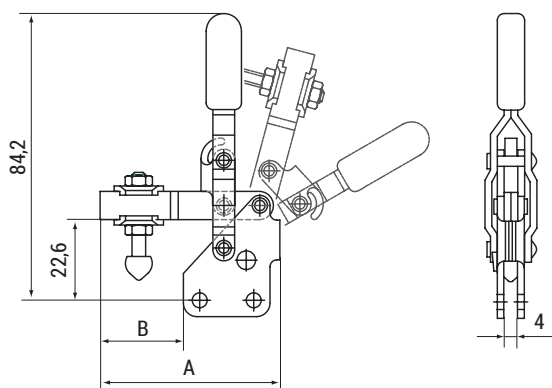
*All rivets are made of stainless
steel.*



HV 151-B

HV 151-B-2S INOX

Base verticale / Straight base

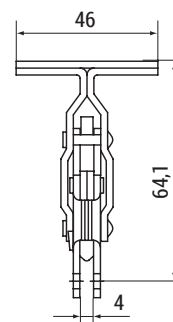


HV 151-BT

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.



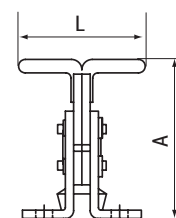
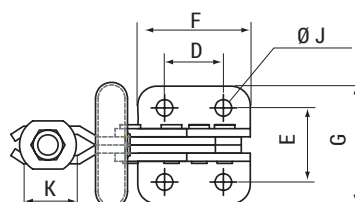
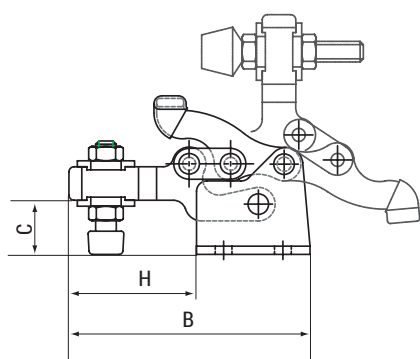
Rotazione leva: 175°
Handle moves: 175°

HV 200 / HV 300 / HV 400

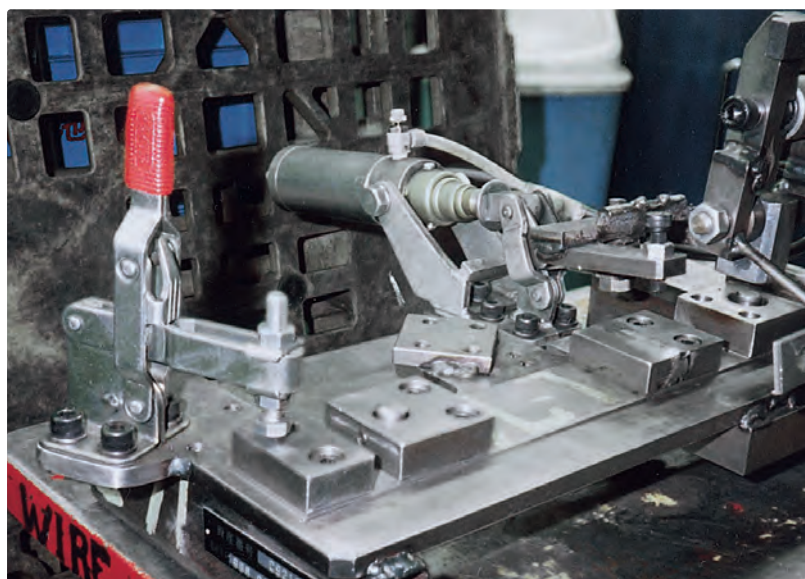
HV 200-2S / HV 300-2S / HV 400-2S INOX

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-released lever.

Supplied with neoprene tipped adjustable threaded

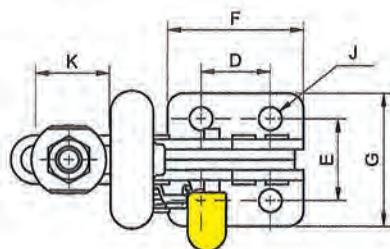
spindle. Close clamping bar.

All rivets are made of stainless steel.

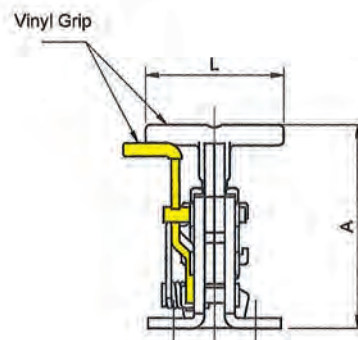
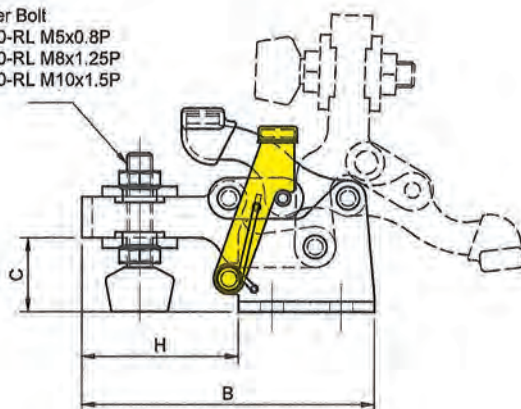
HV 200-RL / HV 300-RL / HV 400-RL

Base orizzontale

Horizontal base



Rubber Bolt
HV200-RL M5x0.8P
HV300-RL M8x1.25P
HV400-RL M10x1.5P



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



Serie verticale

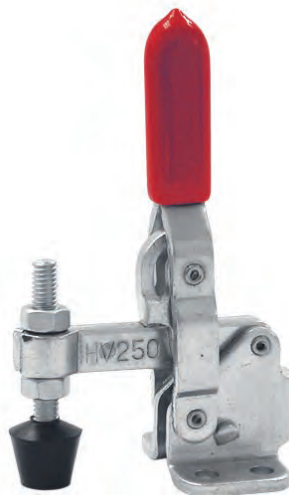
HV 250

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.

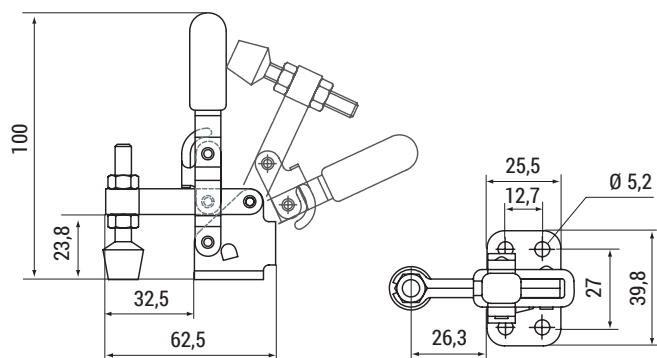


Rotazione leva: 65°
Handle moves: 65°

HV 250

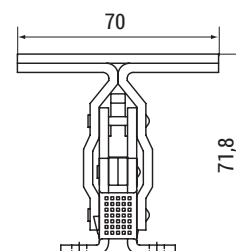
HV 250-2S INOX

Base orizzontale / Horizontal base



HV 252 T

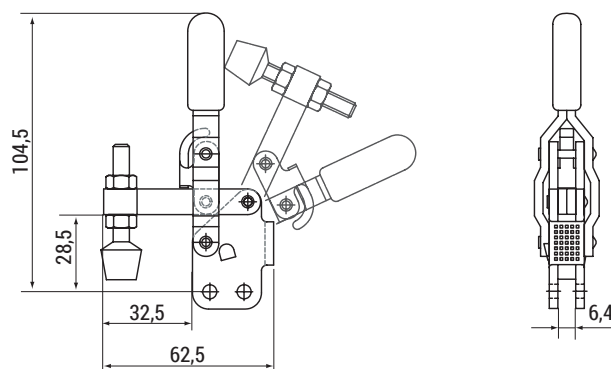
Impugnatura a "T"
"T" handle



HV 251-B

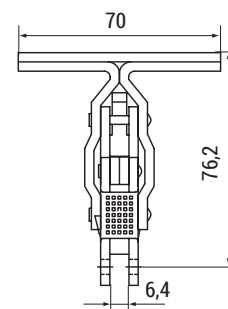
HV 251-B-2S INOX

Base verticale / Straight base

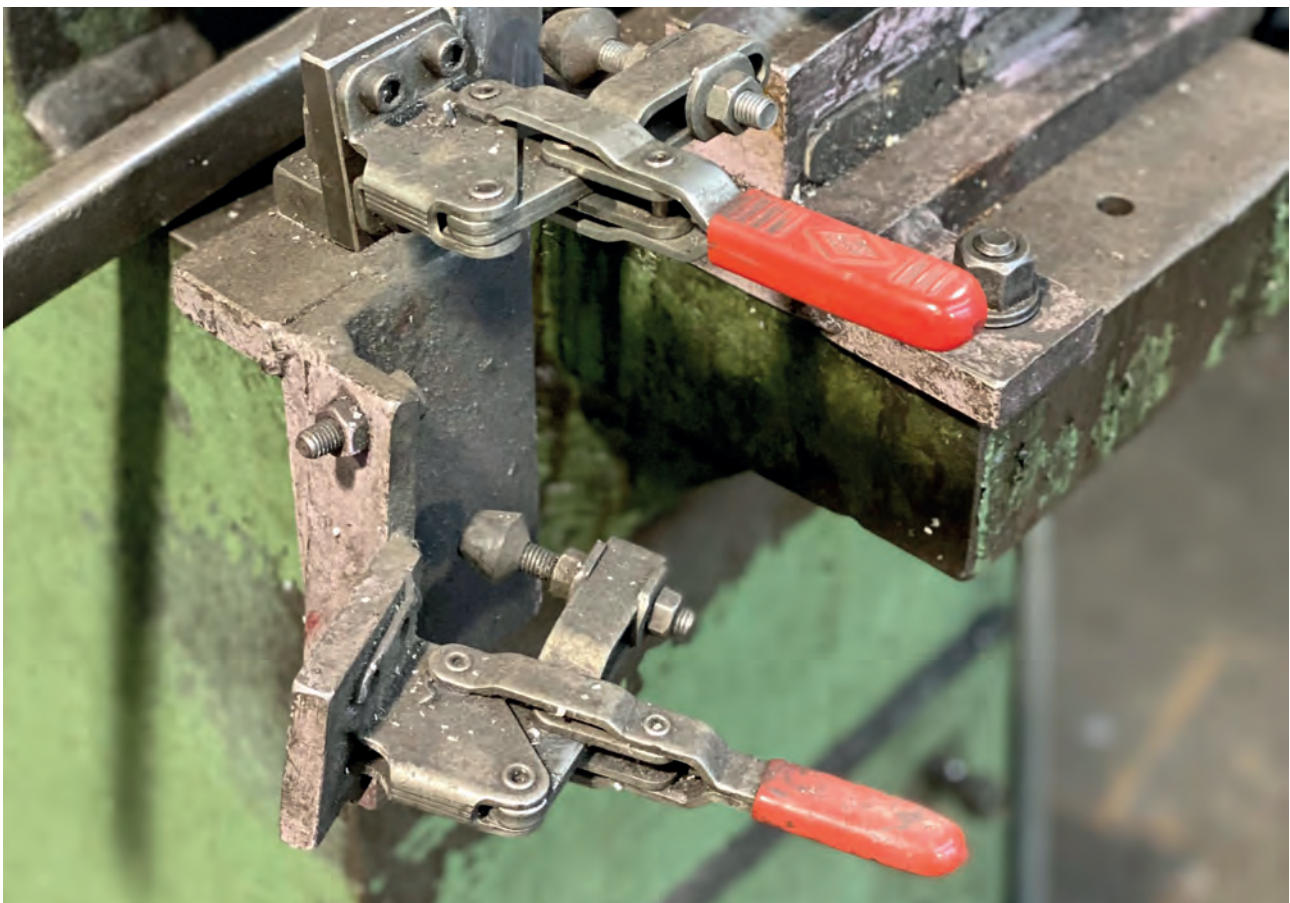


HV 251-BT

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



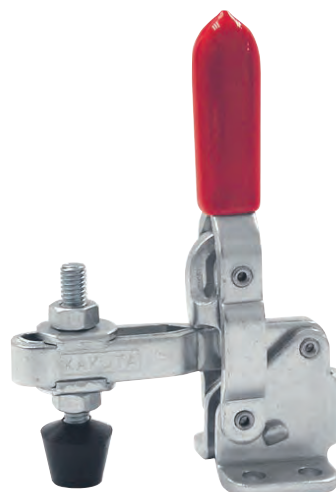
HV 250-U

Fornito completo di puntale in neoprene.
Barra chiusa. Posizione fissa del puntale.

Tutti i rivetti sono in acciaio inox.

Supplied with neoprene tipped adjustable threaded spindle. Close clamping bar. Fixed spindle position.

All rivets are made of stainless steel.



Rotazione leva: 65°
Handle moves: 65°

HV 250-U

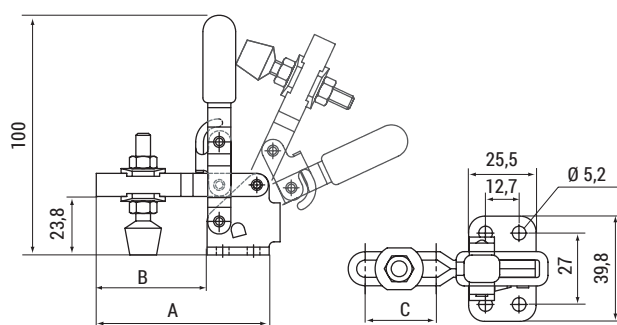
HV 250-U-2S INOX

Base orizzontale / Horizontal base

HV 253-UL

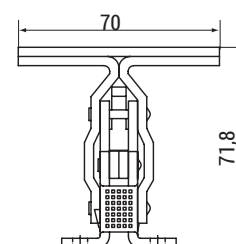
HV 253-UL-2S INOX

Barra lunga / Longer arm



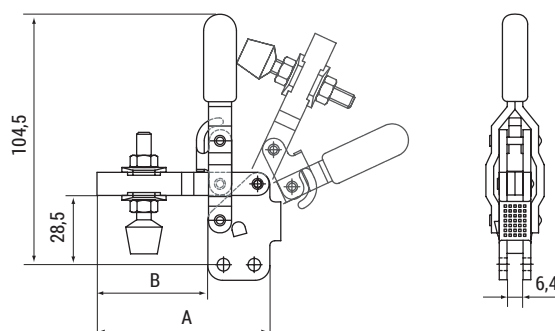
HV 252-UT

Impugnatura a "T"
"T" handle



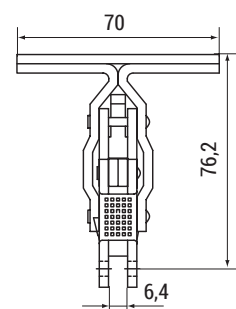
HV 251-UB

Base verticale
Straight base



HV 251-UBT

Impugnatura a "T"
"T" handle
Straight base

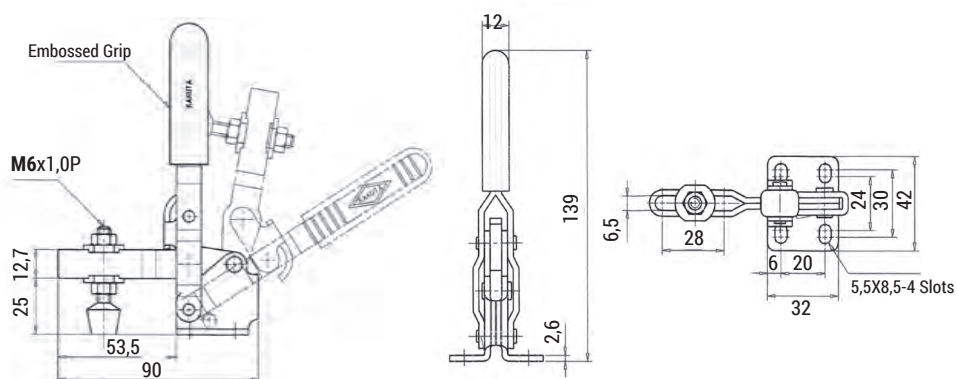
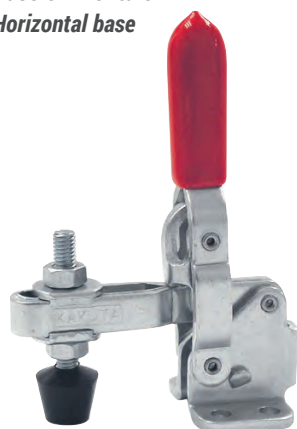


Caratteristiche Specifications	Articolo Article	Codice Code	INOX	Cod. Code	Portata Kg Cap. Kg	A	B	C	Peso g Weight g	
Base orizzontale / Horizontal base	HV 250-U	159524	HV 250-U-2S	211031	90	75,6	45,6	27,5	167	10
Base verticale / Straight base	HV 251-UB	178716			90	75,6	45,6	27,5	167	10
Base vert.-Imp. 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

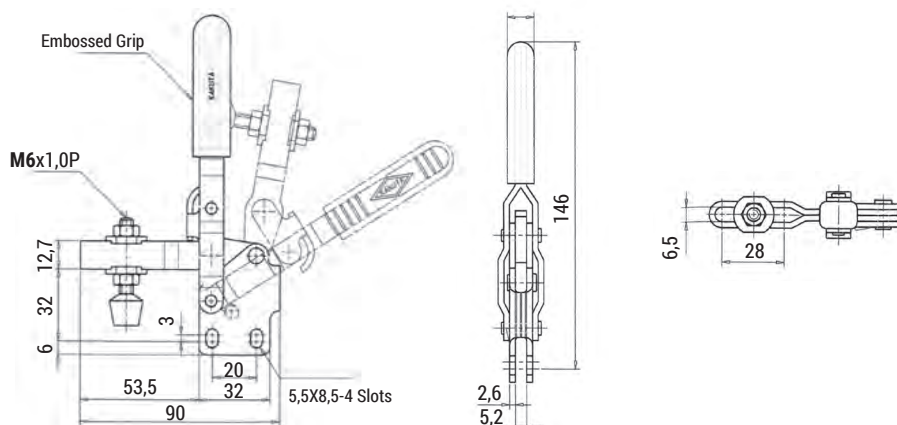
HV 250-U1-2S INOX

Base orizzontale
Horizontal base



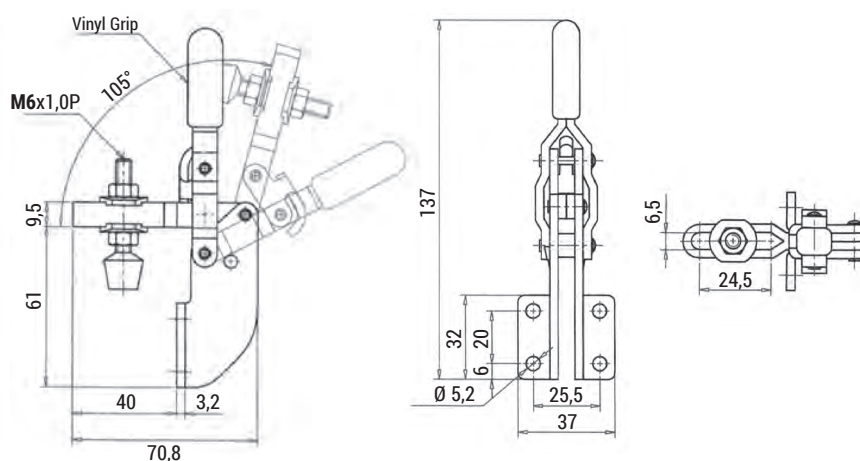
HV 251-UB1

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



Serie verticale

HV 250-L

NEW

Fornito completo di puntale in neoprene.
Barra aperta.

Tutti i rivetti sono in acciaio inox.

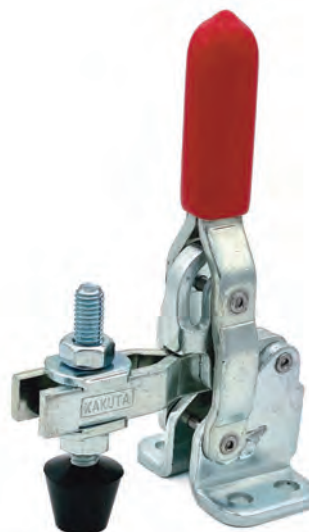
*Supplied with neoprene tipped adjustable
threaded spindle.*

Open clamping bar.

All rivets are made of stainless steel.

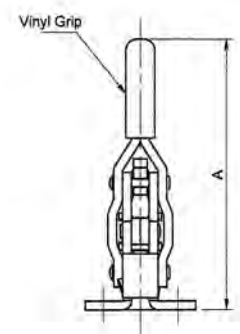
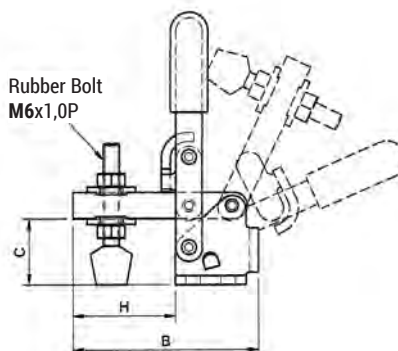
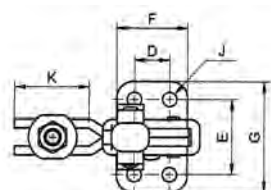


Rotazione leva: 60°
Handle moves: 60°



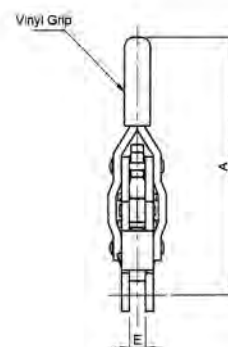
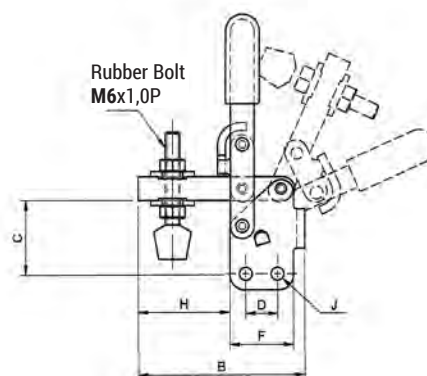
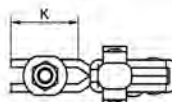
HV 250-L

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



Serie verticale

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°

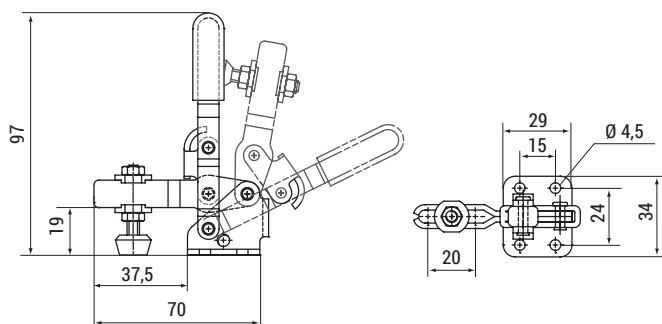
Handle moves: 63°

HV 260

HV 260-2S INOX

Base orizzontale - Barra a "U"

Horizontal base - "U" bar

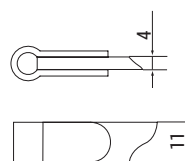


HV 260-S

HV 260-S-2S INOX

Base orizzontale - Barra piena

Horizontal base - Solid bar

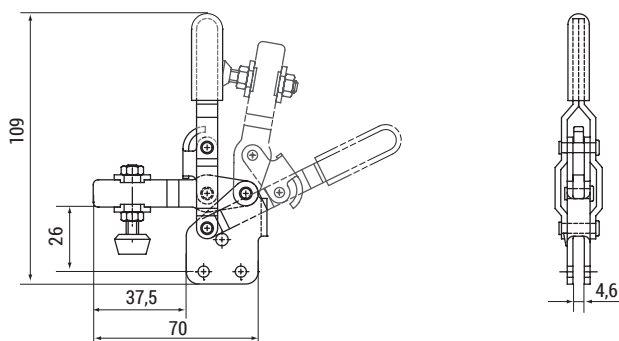


HV 261-B

HV 261-B-2S INOX

Base verticale - Barra a "U"

Straight base - "U" bar

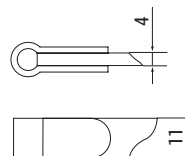


HV 261-SB

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

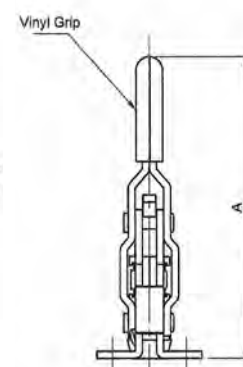
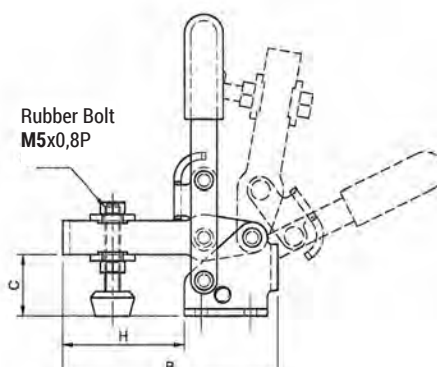
HV 270

HV 270-2S INOX

NEW



Rotazione leva: 64°
Handle moves: 64°

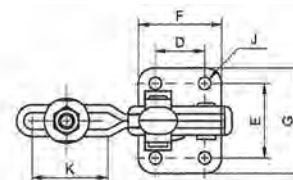


Fornito completo di puntale in neoprene a testa esagonale. Barra chiusa.

Tutti i rivetti sono in acciaio inox.

Supplied with neoprene head spindle assembly. Close clamping bar.

All rivets are made of stainless steel.



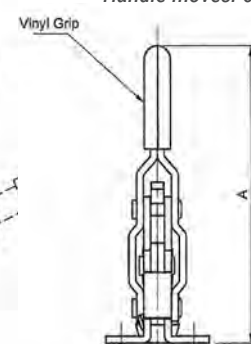
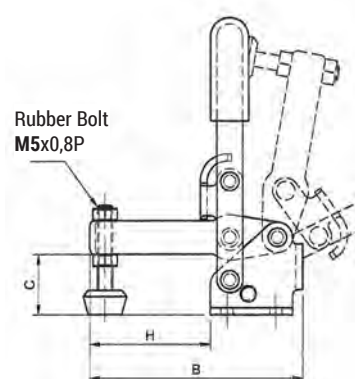
Articolo Article	Cod. Code	INOX	Cod. Code	Portata kg Capacity kg	A	B	C	D	E	F	G	H	J	K	Peso g Weight	
HV 270	210386	HV 270-2S	210409	90	98	70	20	16	24	27	34	39,5	4,5	24	110	10

HV 280

NEW



Rotazione leva: 64°
Handle moves: 64°

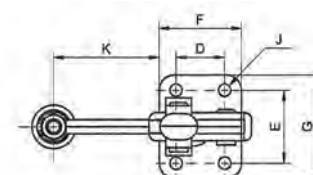


Fornito completo di puntale in neoprene a testa esagonale. Barra chiusa.

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	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

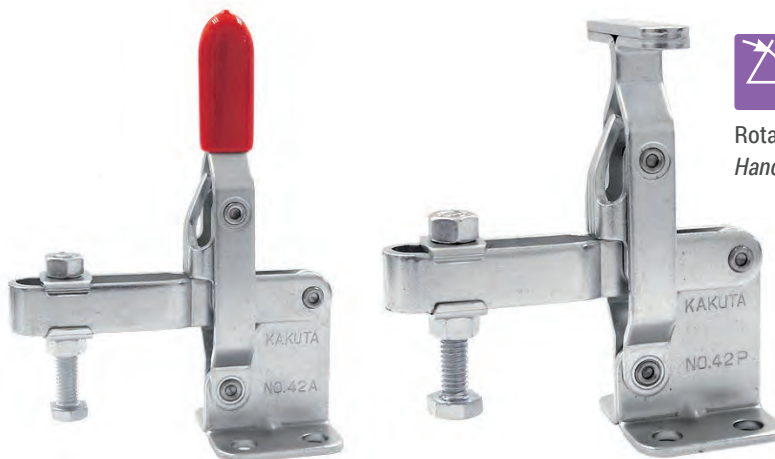
42 A·K·P·S

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.

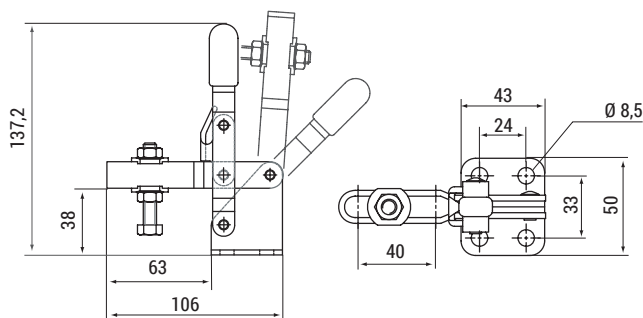


Rotazione leva: 45°
Handle moves: 45°

42 A

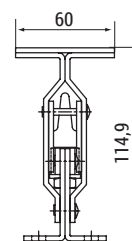
42 A-2S INOX

Base orizzontale
Horizontal base



42 P

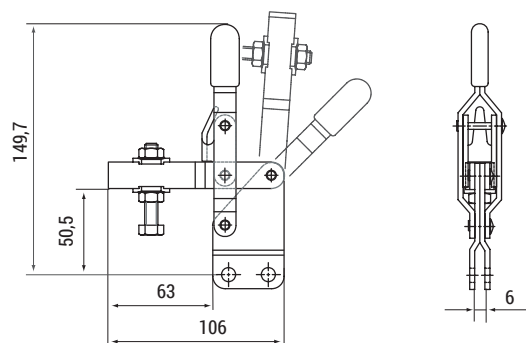
Impugnatura a "T"
"T" handle



42 K

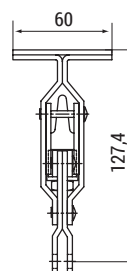
42 K-2S INOX

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 orizz.-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



Serie verticale

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.



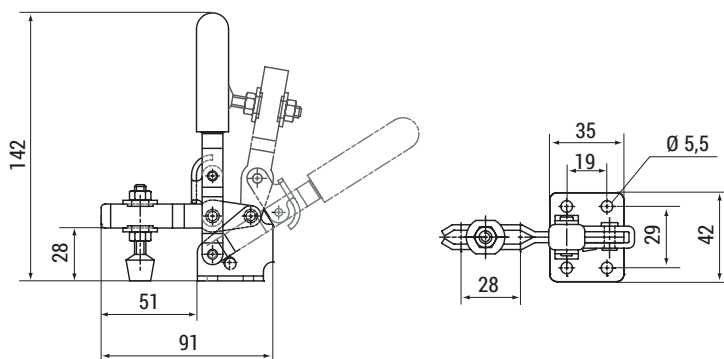
Rotazione leva: 58°
Handle moves: 58°

HV 310

HV 310-2S INOX

Base orizzontale - Barra chiusa

Horizontal base - Close clamping bar

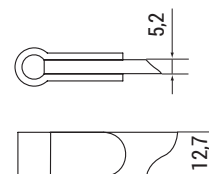


HV 310-S

HV 310-S-2S INOX

Base orizzontale - Barra piena

Horizontal base - Solid bar

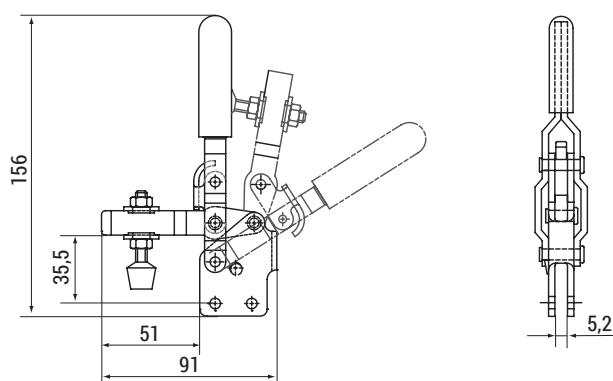


HV 311-B

HV 311-B-2S INOX

Base verticale - Barra chiusa

Straight base - Close clamping bar

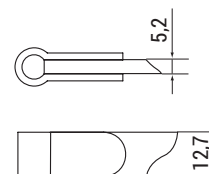


HV 311-SB

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



Serie verticale

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.



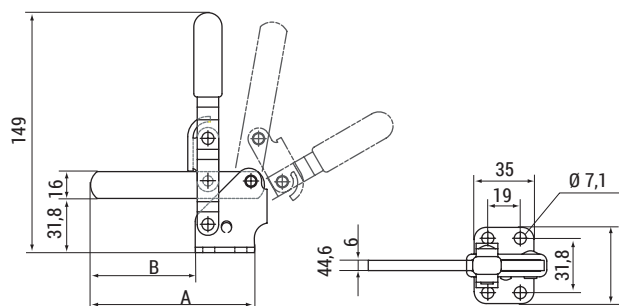
Rotazione leva: 60°
Handle moves: 60°

HV 350

Base orizzontale / Horizontal base

HV 353-L

Barra lunga / Longer arm

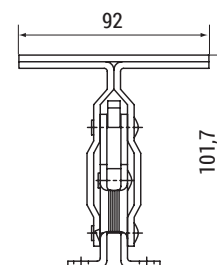


HV 352-T

Impugnatura a "T" / "T" handle

HV 352-TL

Barra lunga / Longer arm

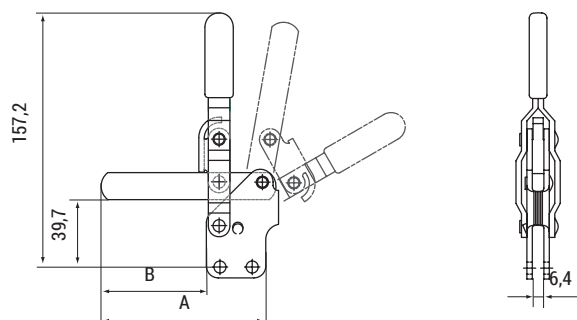


HV 351-B

Base verticale / Straight base

HV 351-BL

Barra lunga / Longer arm

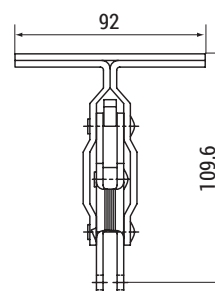


HV 351-BT

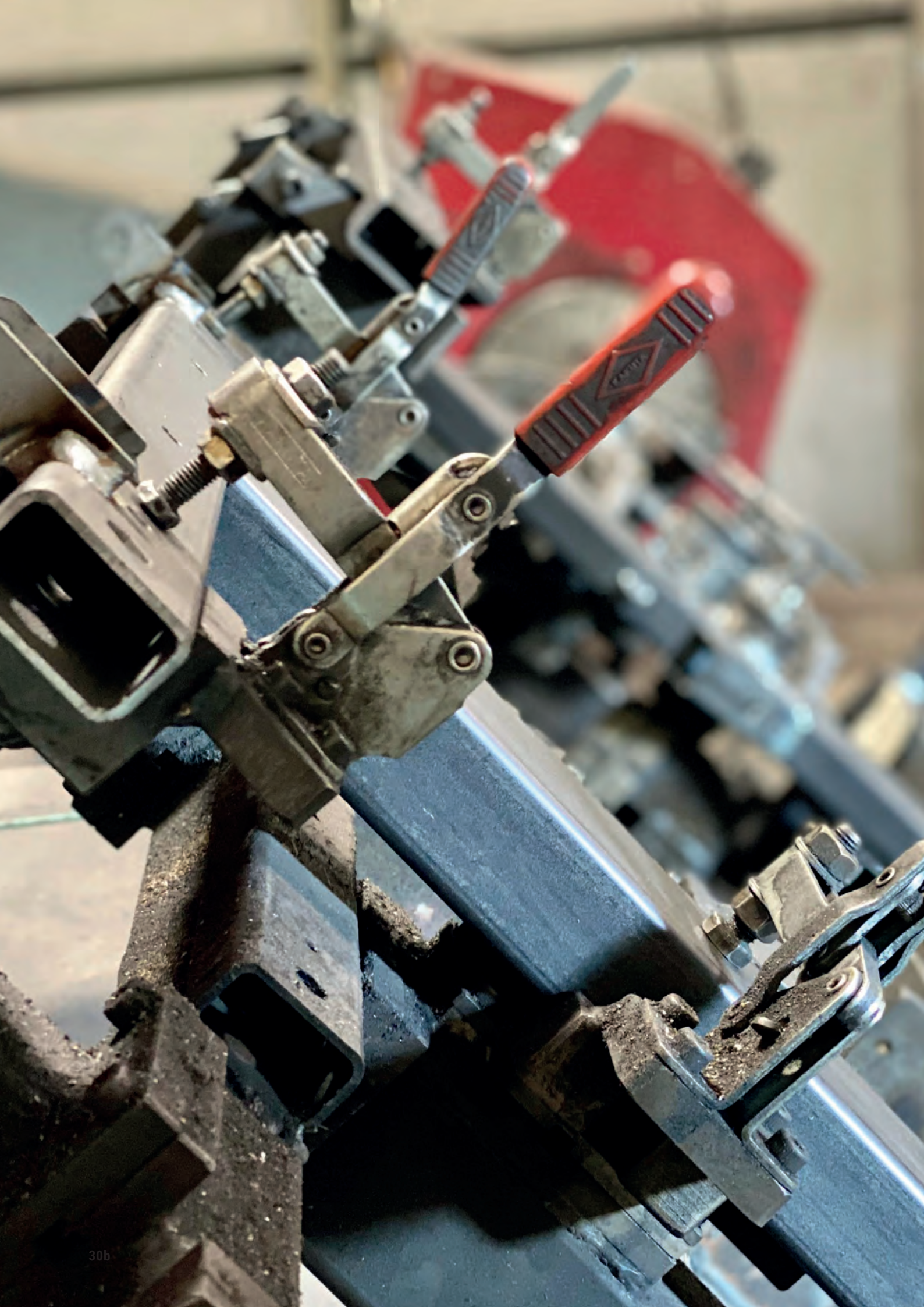
Impugnatura a "T" / "T" handle

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





Serie verticale

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

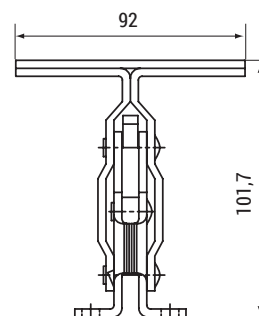
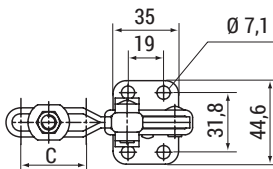
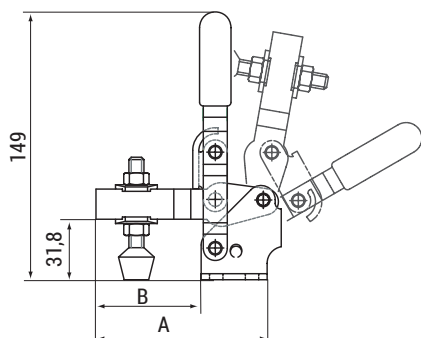
Barra extra-lunga / Extra-long arm

HV 452-T

Impugnatura a "T" / "T" handle

HV 452-TL

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

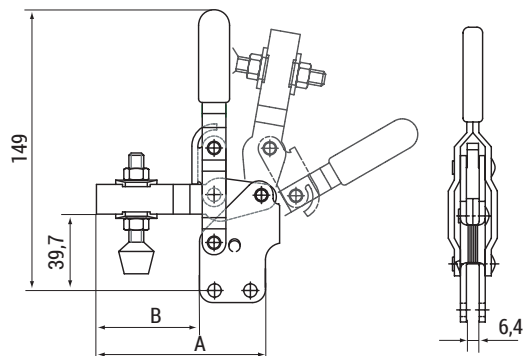


Caratteristiche Specifications	Articolo Article	Codice Code	INOX	Cod. Code	Portata Kg Cap. Kg	A	B	C	Peso g Weight g	
Base orizzontale / Horizontal base	HV 450	148658	HV 450-2S	211079	225	99,7	57,2	34,9	350	10
Base orizz.-Imp. a "T" / Hor. base-"T" handle	HV 452-T	148672			225	99,7	57,2	34,9	370	10
B.or.-B-lunga-Imp. 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

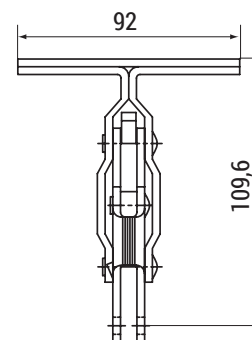
Base verticale
Straight base

HV 451-BL

Barra lunga
Longer arm

HV 451-BT

Impugnatura a "T"
"T" handle

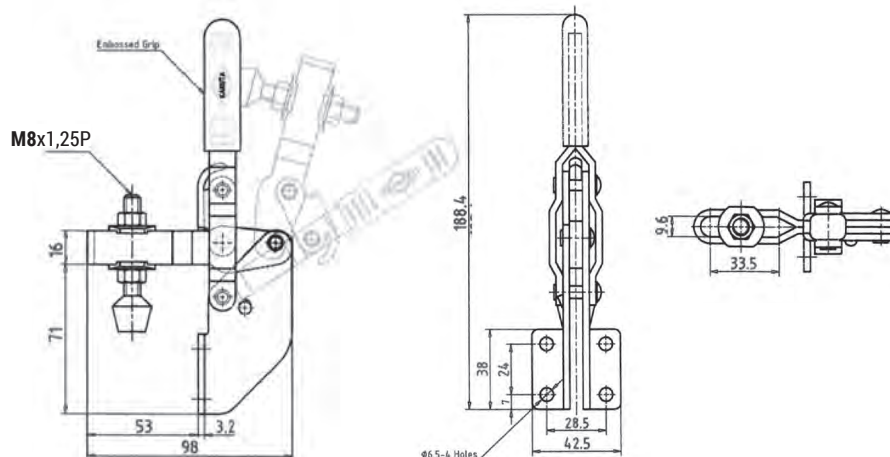
HV 451-BTL

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



Serie verticale

HV 450-L

NEW

Fornito completo di puntale in neoprene.
Barra aperta.

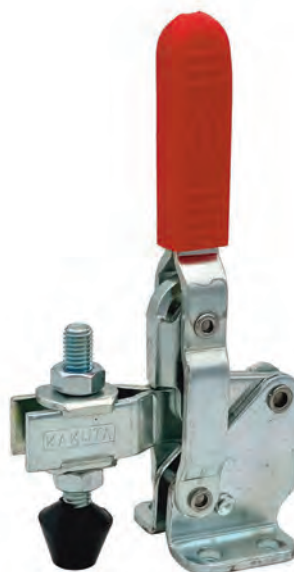
Tutti i rivetti sono in acciaio inox.

*Supplied with neoprene tipped adjustable
threaded spindle. Open clamping bar.*

All rivets are made of stainless steel.

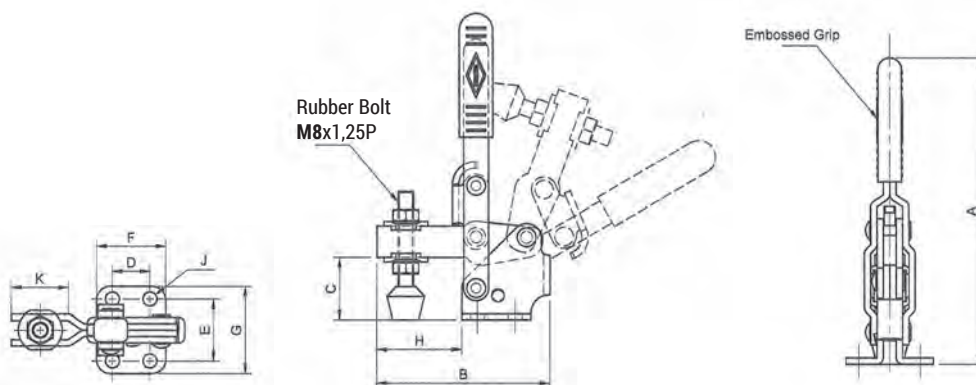


Rotazione leva: 60°
Handle moves: 60°



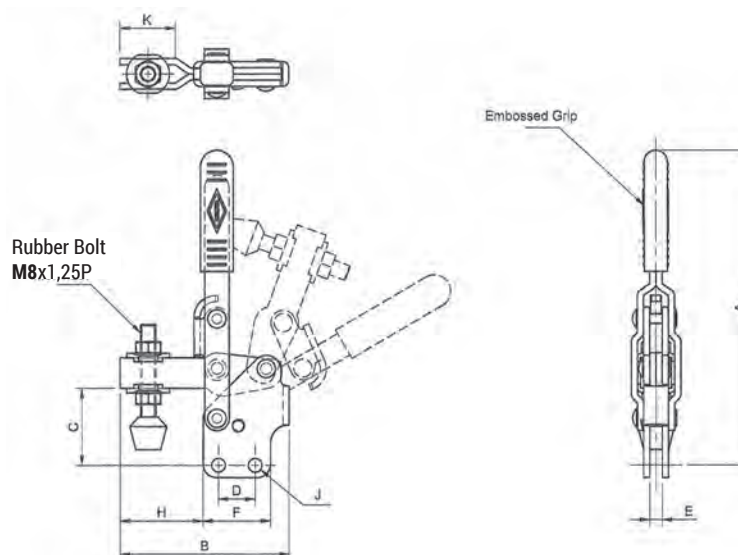
HV 450-L

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



Serie verticale

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.

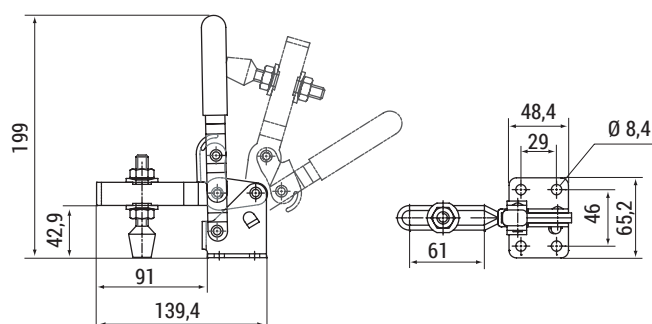


Rotazione leva: 58°
Handle moves: 58°

HV 470

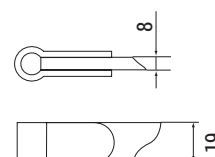
HV 470-2S INOX

Base orizzontale - Barra chiusa
Horizontal base - Close clamping bar



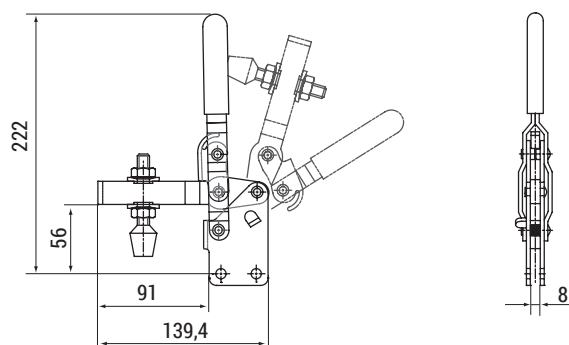
HV 470-S

Base orizzontale - Barra piena
Horizontal base - Solid bar



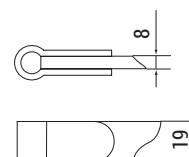
HV 471-B

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



Serie verticale

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.*

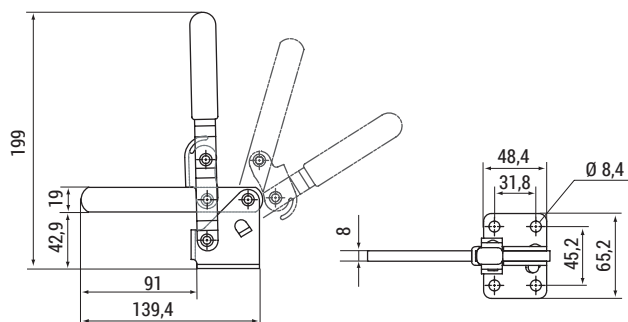
All rivets are made of stainless steel.



Rotazione leva: 50°
Handle moves: 50°

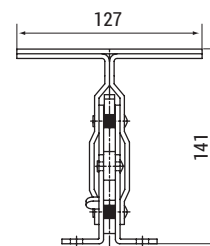
HV 550

Base orizzontale / Horizontal base



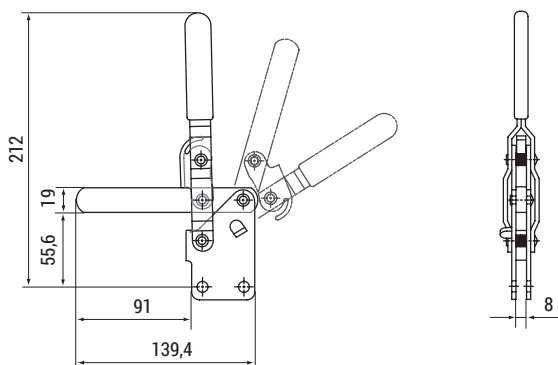
HV 552-T

Impugnatura a "T" / "T" handle



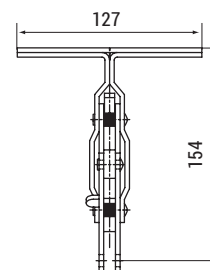
HV 551-B

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



Serie verticale

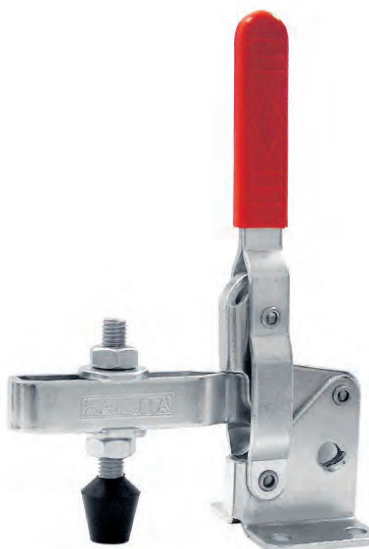
HV 650

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.

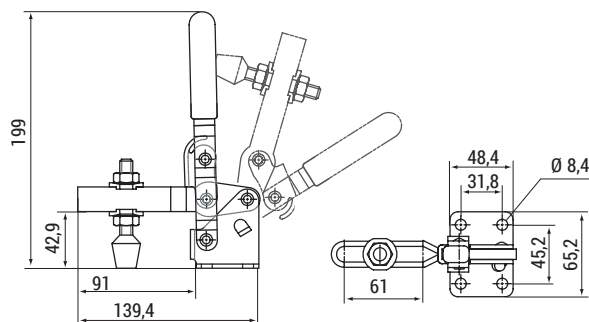
All rivets are made of stainless steel.



Rotazione leva: 58°
Handle moves: 58°

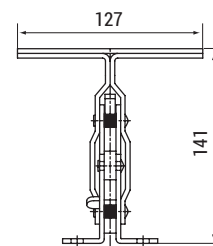
HV 650

Base orizzontale / Horizontal base



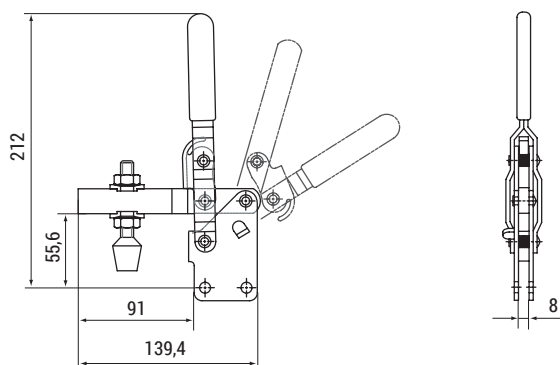
HV 652-T

Impugnatura a "T"
"T" handle



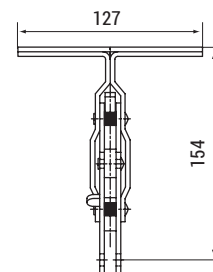
HV 651-B

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



Serie verticale

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.

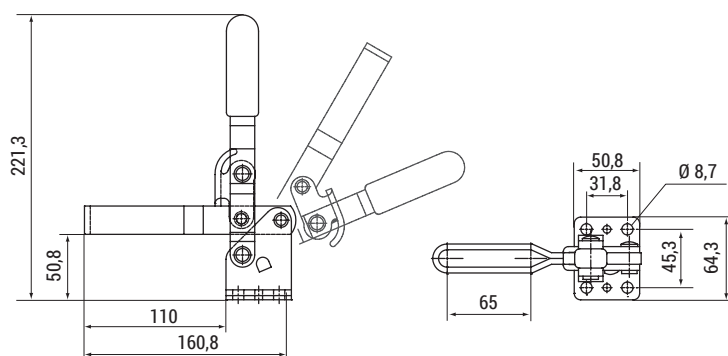


Rotazione leva: 67°
Handle moves: 67°



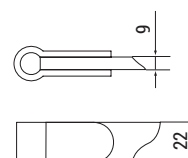
HV 510

Base orizzontale - Barra chiusa
Horizontal base - Close clamping bar



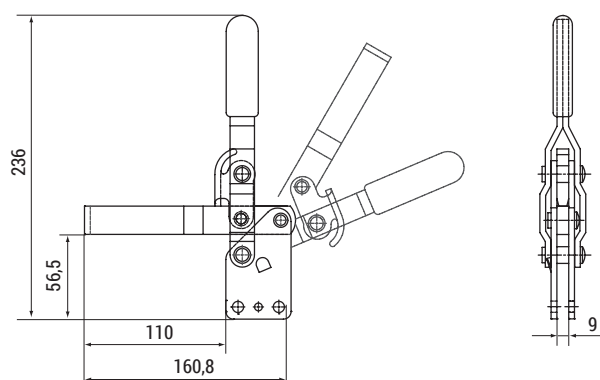
HV 510-S

Base orizzontale - Barra piena
Horizontal base - Solid bar



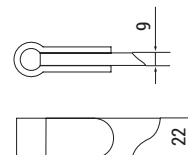
HV 511-B

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

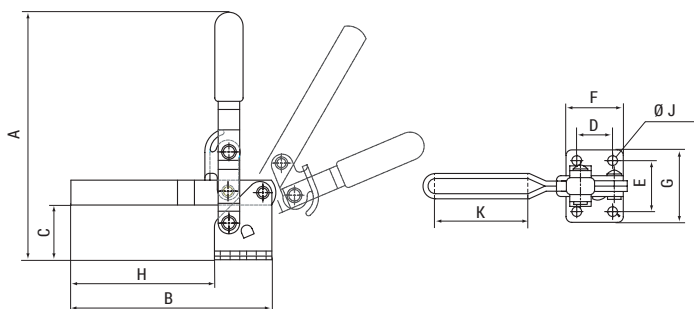
Forniti **senza** puntale in neoprene
Tutti i rivetti sono in acciaio inox.

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



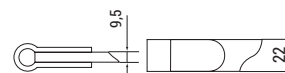
HV 850 / HV 1050

Base orizzontale - Barra chiusa
Horizontal base - Close clamping bar



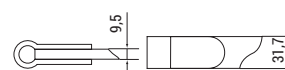
HV 750

Barra piena / Solid bar



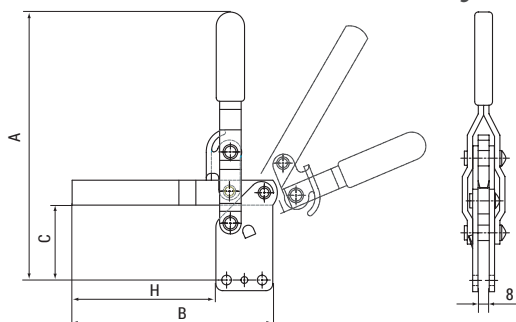
HV 950

Barra piena / Solid bar



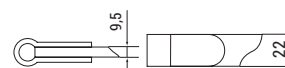
HV 851-B / HV 1051-B

Base verticale - Barra chiusa
Straight base - Close clamping bar



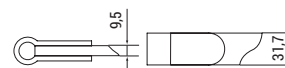
HV 751-B

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.

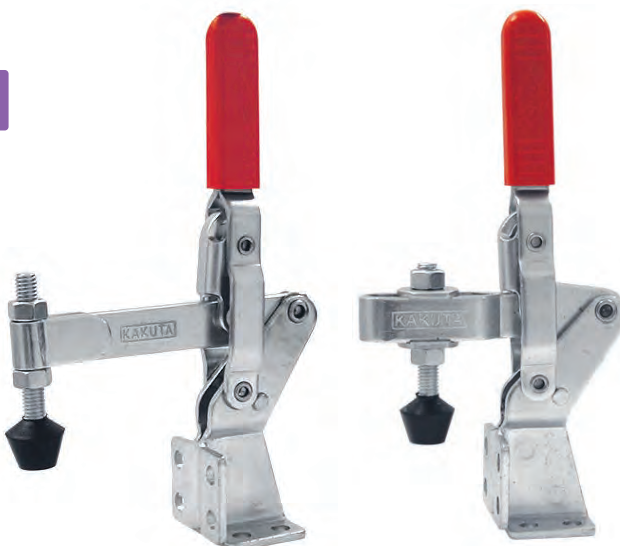
Tutti i rivetti sono in acciaio inox.

Doppia base di fissaggio.

Supplied with neoprene tipped adjustable threaded spindle.

All rivets are made of stainless steel.

Two mounting areas.

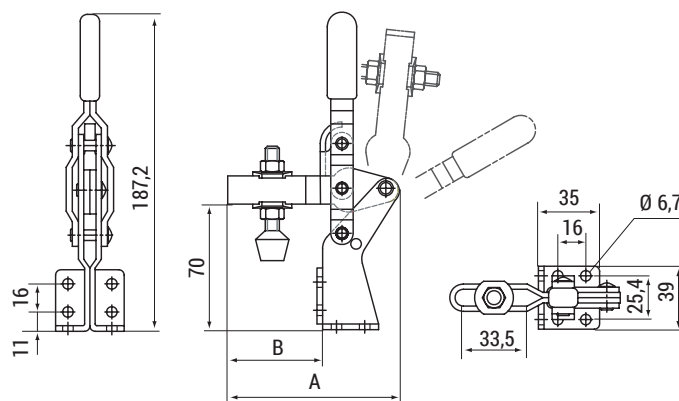


Rotazione leva: 60°
Handle moves: 60°

UF 450

Barra chiusa

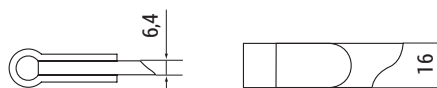
Close clamping bar



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

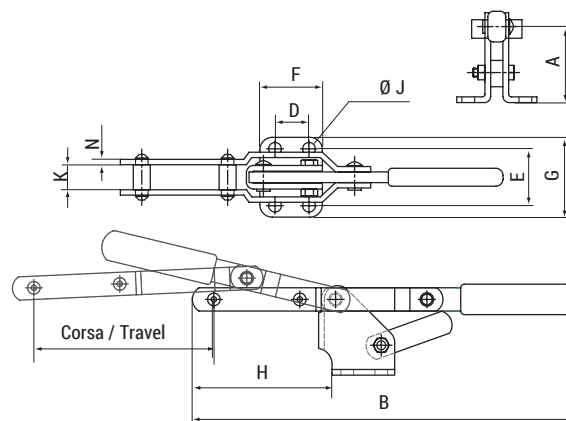

Rotazione leva: 145°
Handle moves: 145°


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



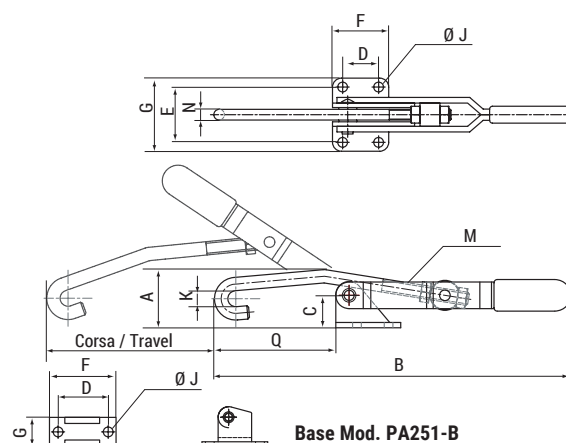
PA 50-2S / PA 250-2S / PA 251-B-2S / PA 270-2S INOX

Rotazione leva: 145°
Handle moves: 145°


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 clamp hangs 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.



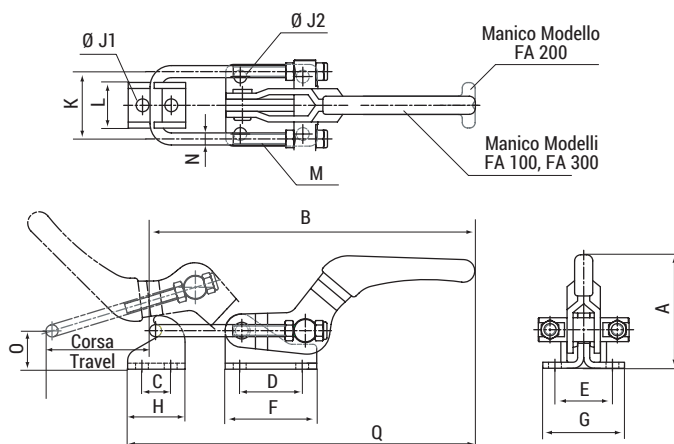
Articolo Article	Codice Code	INOX	Codice Code	Port. kg Cap. kg	A	B	C	D	E	F	G	J	K	M	N	Q min	Q max	Corsa Travel	Peso g Weight	
PA 50	195188	PA 50-2S	211109	110	24,5	151,2	14,5	12,7	31	26	43	5,2x9,9	8	M6x1,00	5,9	40,7	47	70	110	10
PA 250	148801	PA 250-2S	193436	170	35	214	20	19	35	39	50	5,2	9,5	M8x1,25	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.

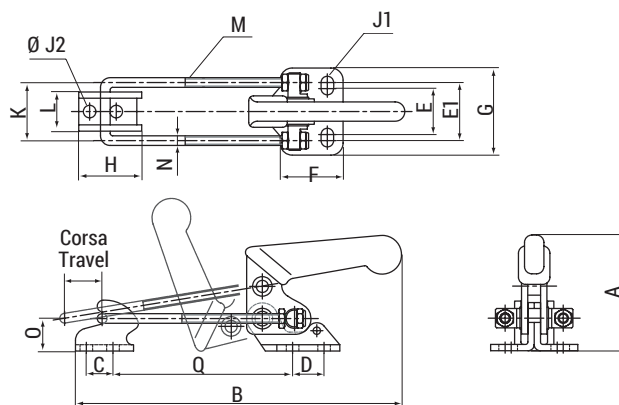
 Supplied with latch plate.
 All rivets are made of stainless steel.


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



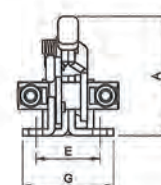
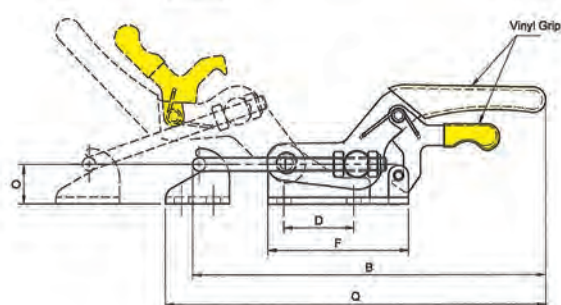
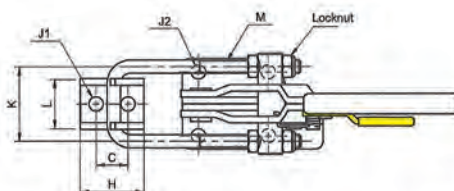
FA 200-RL

FA 300-RL

NEW



Rotazione leva: 145°
Handle moves: 145°



Con leva anti-sgancio.

Fornito completo di piastra di riscontro.

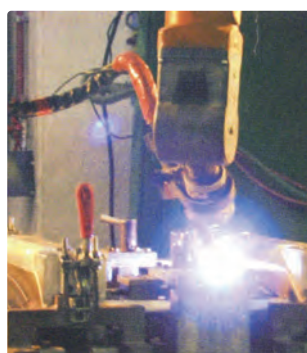
Tutti i rivetti sono in acciaio inox.

Anti-release 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

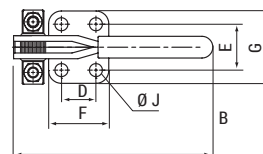


FA 130
FA 230
FA 330
90°
FA 130-2S / FA 230-2S / FA 330-2S INOX

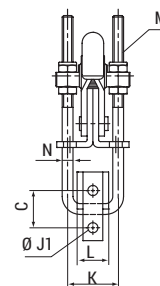
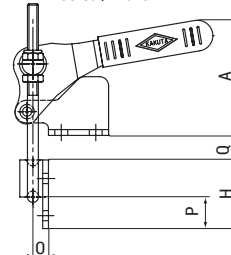

Base d'appoggio perpendicolare alla direttrice della forza. Fornito completo di piastra di riscontro. **Tutti i rivetti sono in acciaio inox.**

*Main base perpendicular to the force action line.
Supplied with latch plate.*

All rivets are made of stainless steel.



Corsa / Travel



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°

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

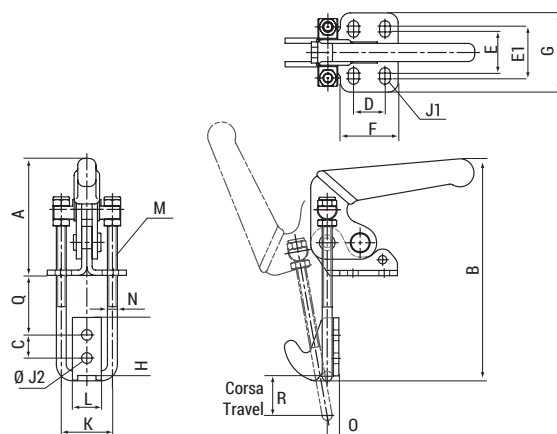
Rotazione leva: 145°
Handle moves: 145°



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

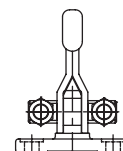
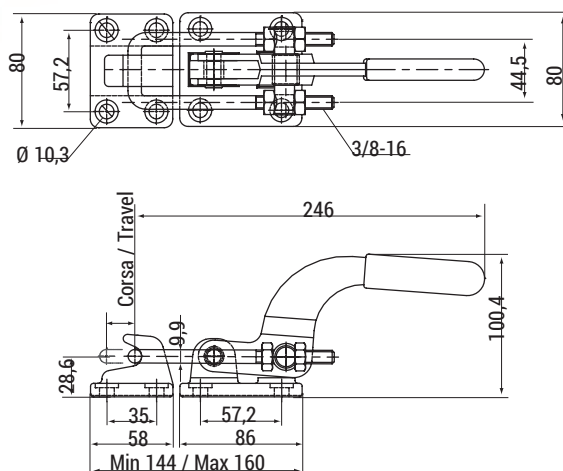
*Main base perpendicular to the force action line.
Supplied with latch plate.*

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

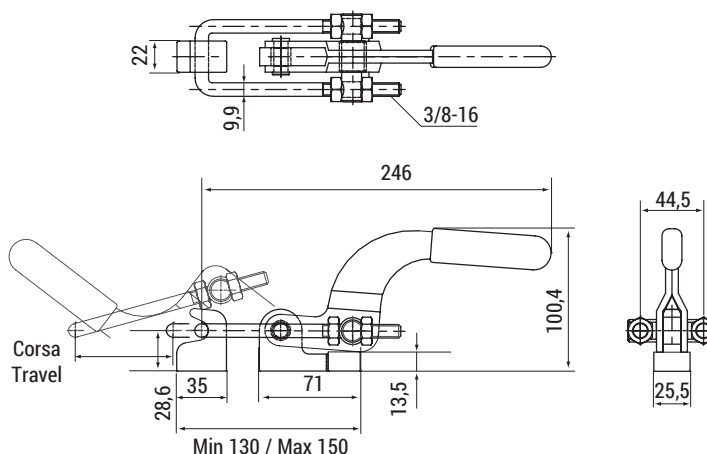


Tutti i rivetti sono in acciaio inox.
Piastra di riscontro **non** inclusa. (Cod.193719)

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				

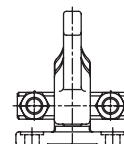
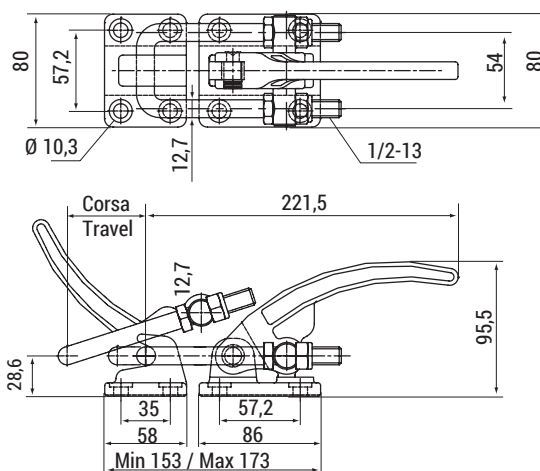
FA 601-B



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

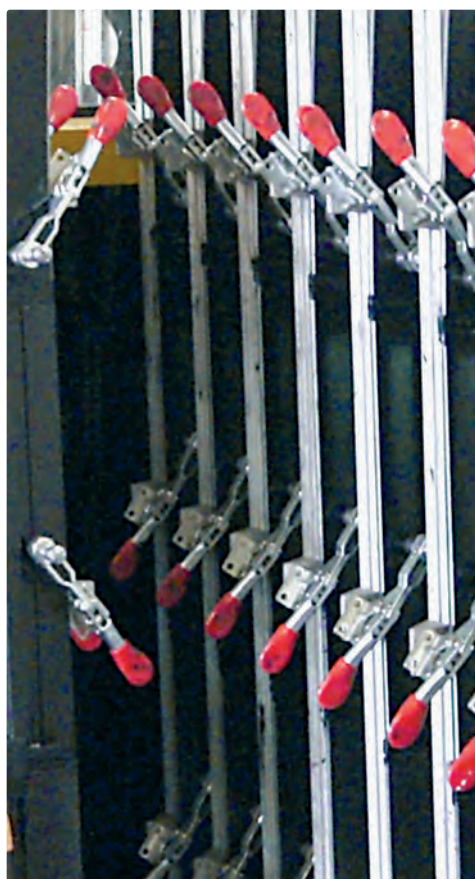
All rivets are made of stainless steel.
Latch plate included.

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



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 / <i>Latch plate</i>	Piastra	193719				



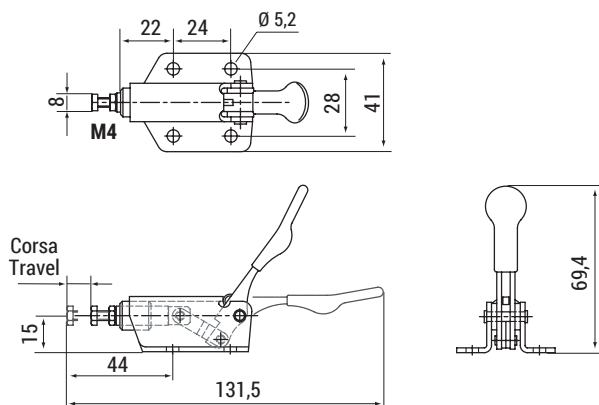


SL 07



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

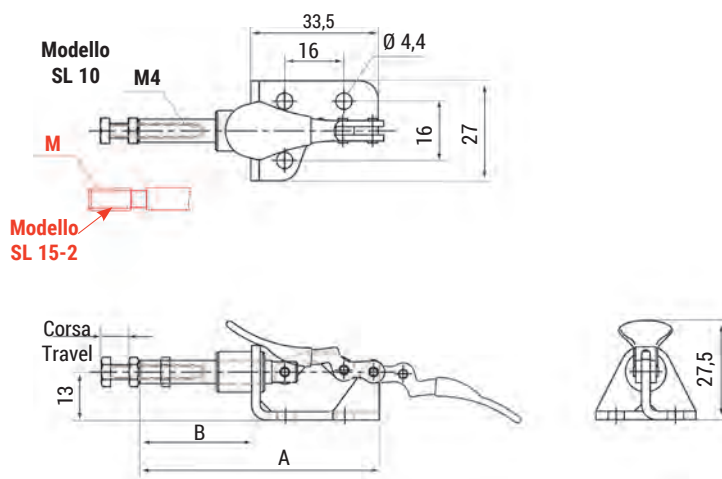
SL 15-2

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



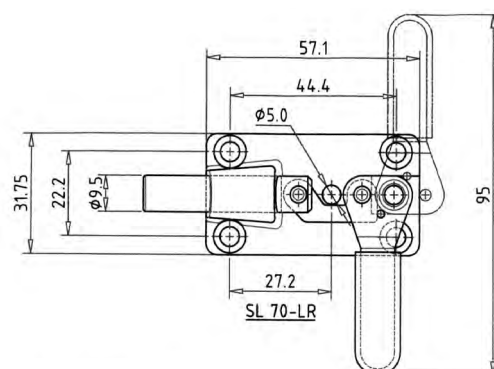
Tutti i rivetti sono in acciaio inox.
Fornito completo di puntale in neoprene.

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

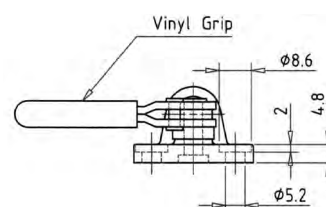
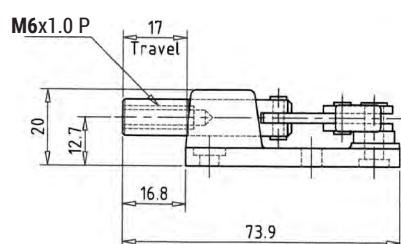


Caratteristiche Specifications	Articolo Article	Codice Code	INOX	Cod. Code	Portata Kg Cap. Kg	A	B	M	Corsa Travel	Peso g Weight g	
Inn. asta filetto femmina / Female thread	SL 10	159562	SL 10-2S	211154	45	66,5	32	M4	16	40	10
Inn. asta filetto maschio / Male thread	SL 15-2	195065	SL 15-2-2S	211161	45	73,5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

SL 70-LR

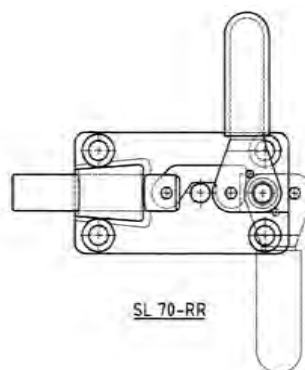


Tutti i rivetti sono in acciaio inox.
All rivets are made of stainless steel.

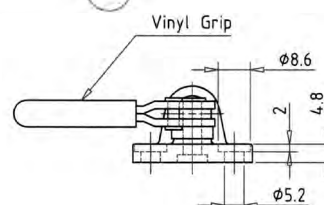
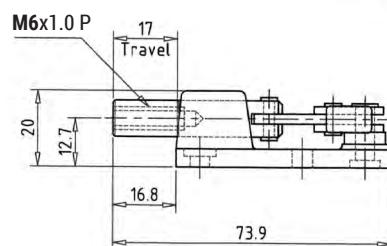


Caratteristiche Specifications	Articolo Article	Codice Code	Portata Kg Capacity Kg	Peso g Weight g	
Serraggio con rotazione sinistra / Left rotating	SL 70-LR	210539	90	130	10

SL 70-RR



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

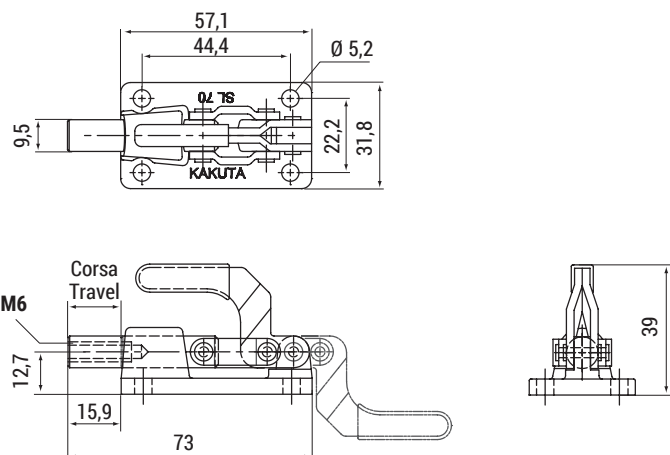
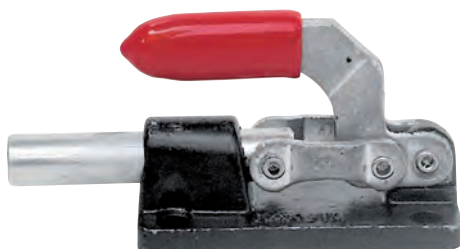


Caratteristiche Specifications	Articolo Article	Codice Code	Portata Kg Capacity Kg	Peso g Weight g	
Serraggio con rotazione destra / <i>Right rotating</i>	SL 70-RR	210522	90	130	10



SL 70

SL 70-2S INOX



Tutti i rivetti sono in acciaio inox.

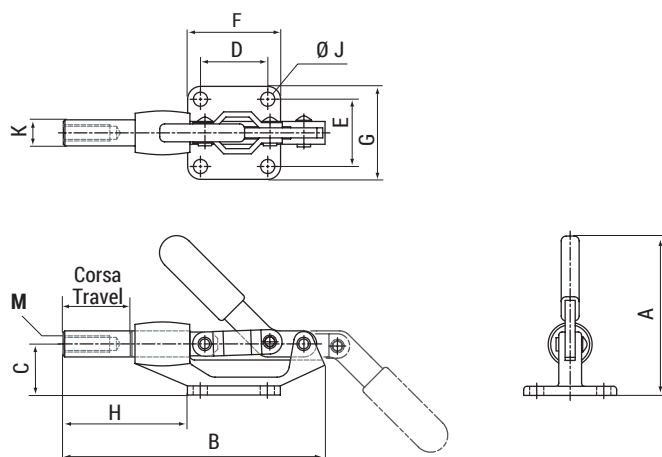
All rivets are made of stainless steel

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



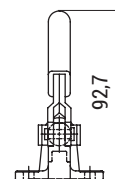
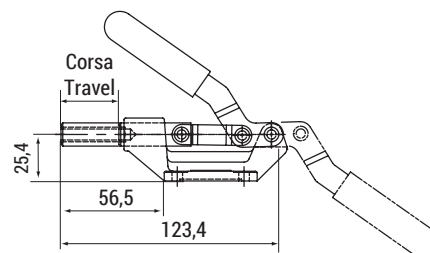
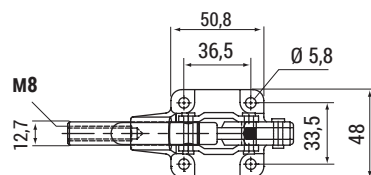
SL 105-2

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.

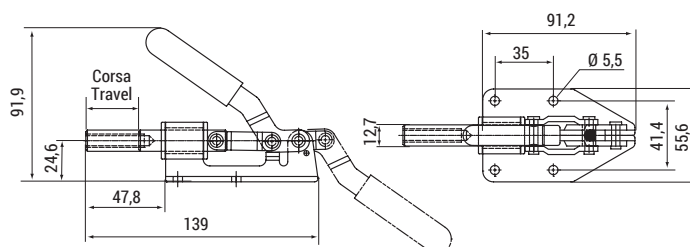
Tutti i rivetti sono in acciaio inox.

These extra heavy duty clamps are constructed of SS41 steel.

All rivets are made of stainless steel.

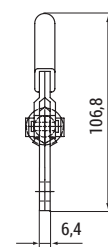
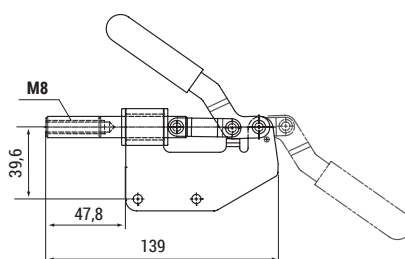
SL 110

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

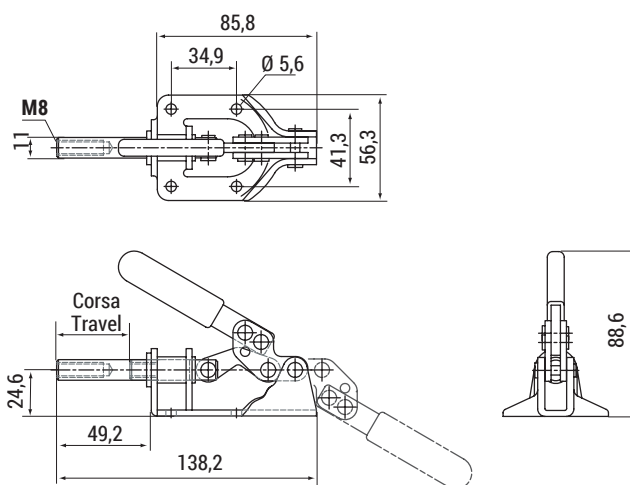


SL 150



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.***



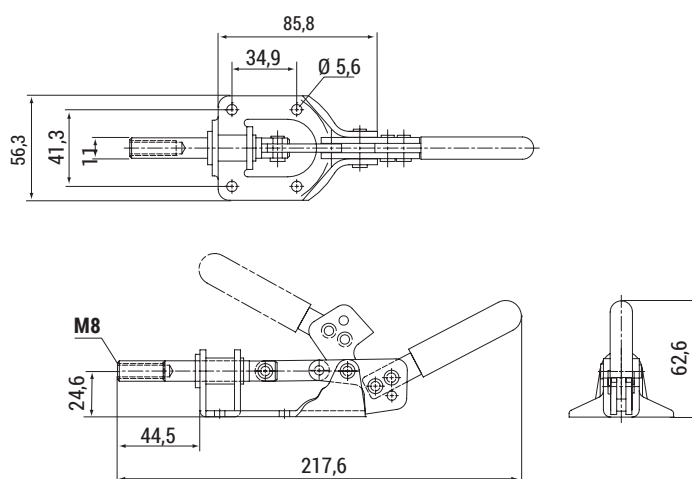
Caratteristiche Specifications	Articolo Article	Codice Code	Portata Kg Capacity Kg	Corsa Travel	Peso g Weight g	
Base orizzontale / Horizontal base	SL 150	148856	135	30	285	10

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





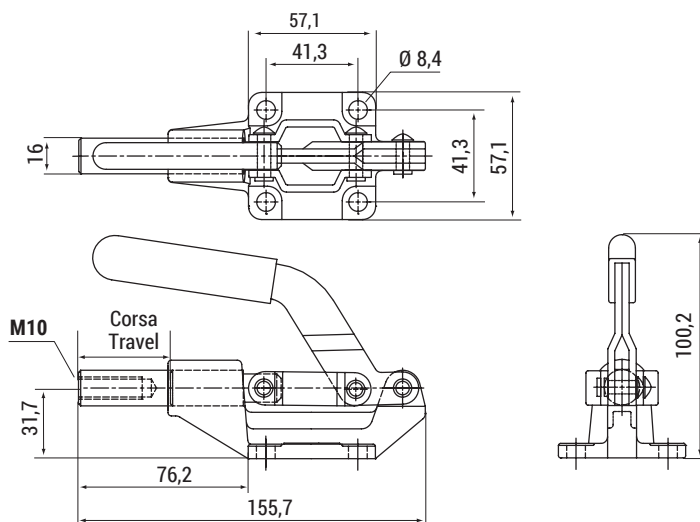
SL 210



Molto potente. Corpo in fusione di acciaio e montaggio di precisione antiattrito.

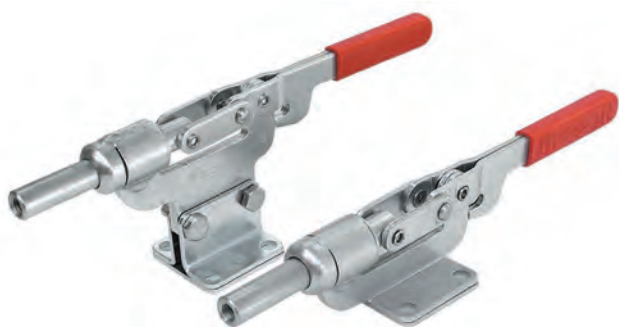
Tutti i rivetti sono in acciaio inox.

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.

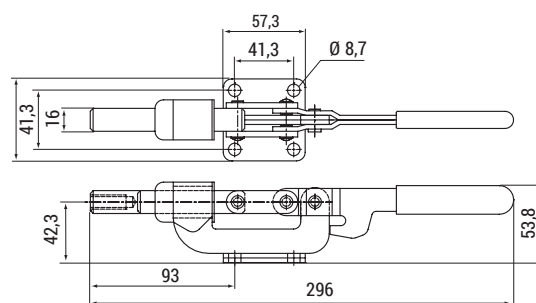
Tutti i rivetti sono in acciaio inox.

These extra heavy duty clamps are constructed of of SS41 steel.

All rivets are made of stainless steel.

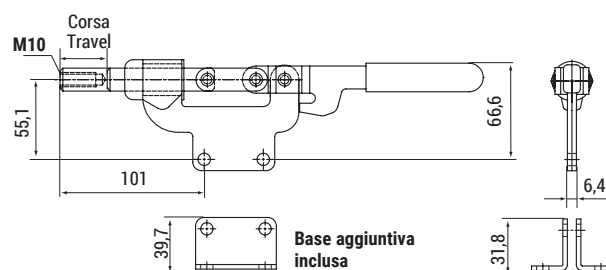
SL 240

Base orizzontale / Horizontal base



SL 241-B

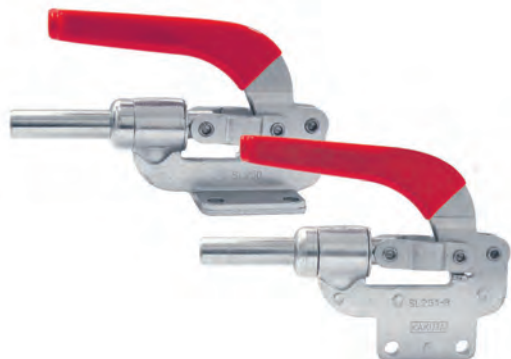
Base verticale / Straight base



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

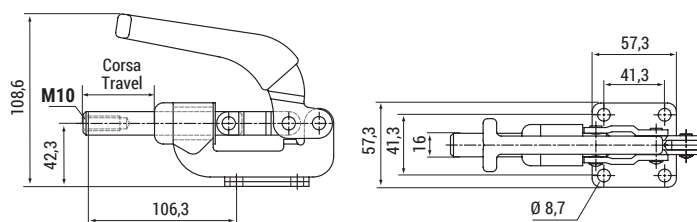


Per utilizzo pesante. Blocca sia in fase di spinta che di trazione. **Tutti i rivetti sono in acciaio inox.**

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

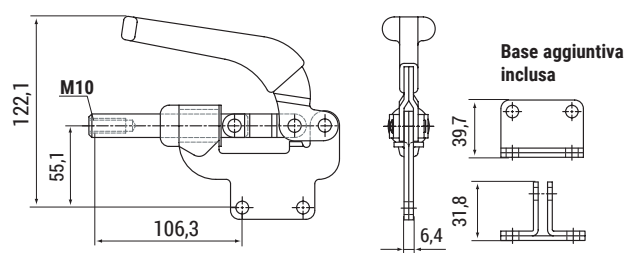
SL 250

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

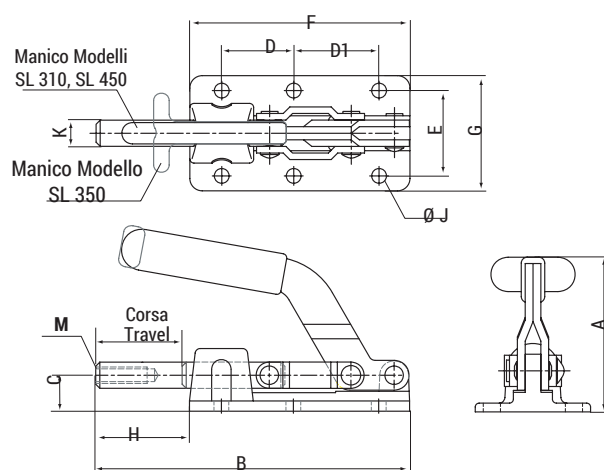
SL 450



Molto potente. Corpo forgiato per sopportare qualsiasi sforzo. Blocca sia in fase di spinta che di trazione.

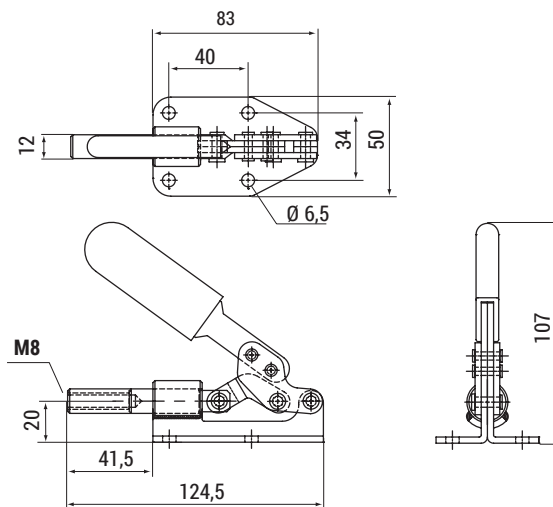
Tutti i rivetti sono in acciaio inox.

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

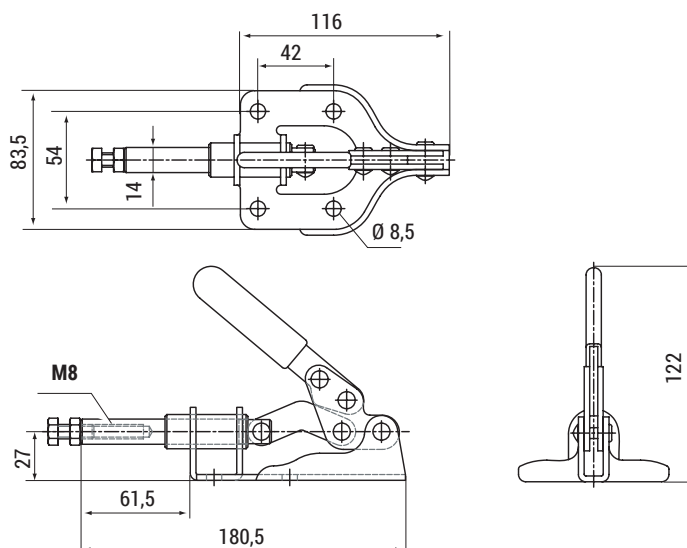
02



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

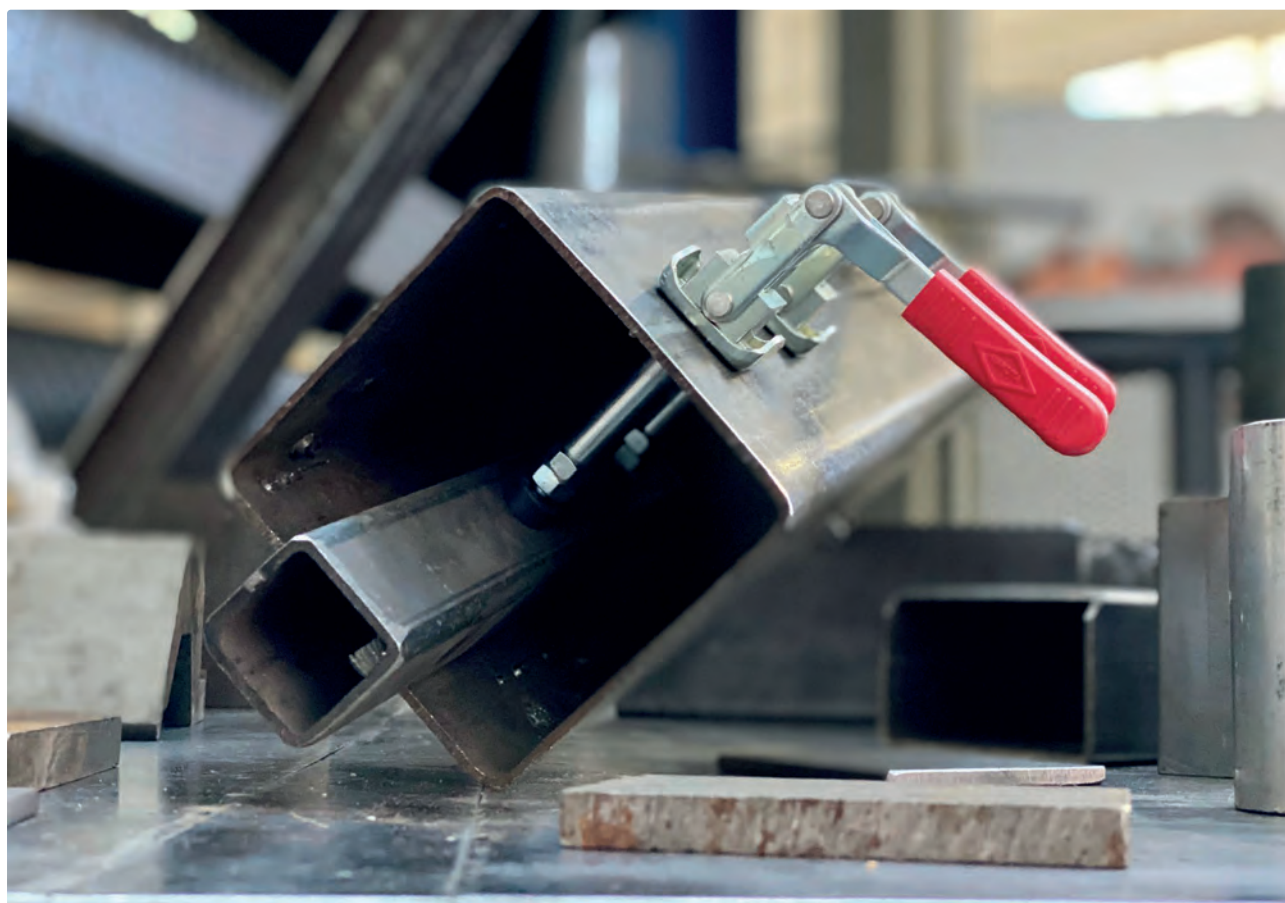
Caratteristiche Specifications	Articolo Article	Codice Code	Portata Kg Capacity Kg	Corsa Travel	Peso g Weight g	
Base orizzontale / Horizontal base	02	193177	200	30	330	10

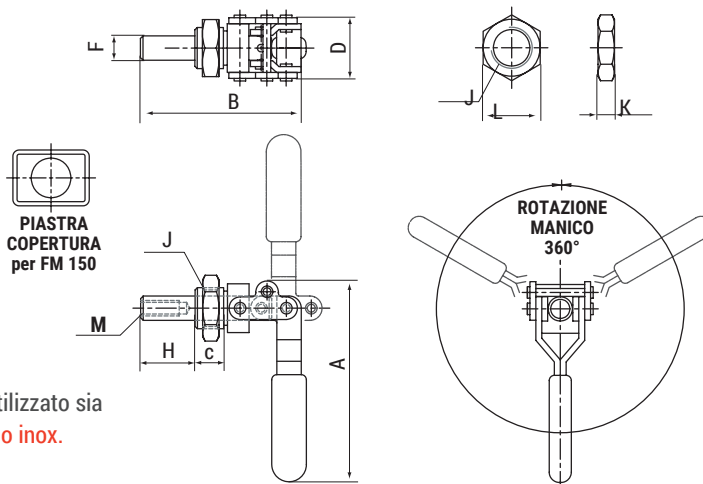
51



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

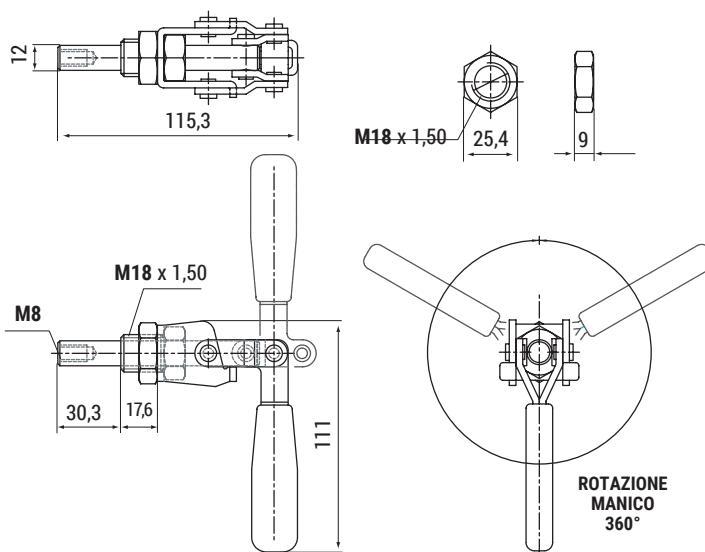


FM 50
FM 150
FM 250
FM 50-2S / FM 150-2S INOX


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.

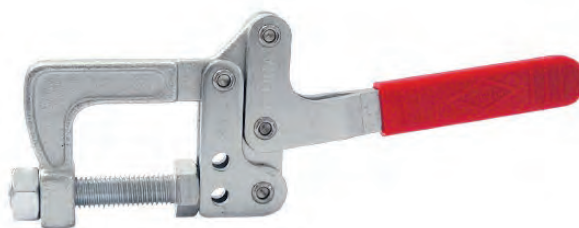
Tutti i rivetti sono in acciaio inox.

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°.

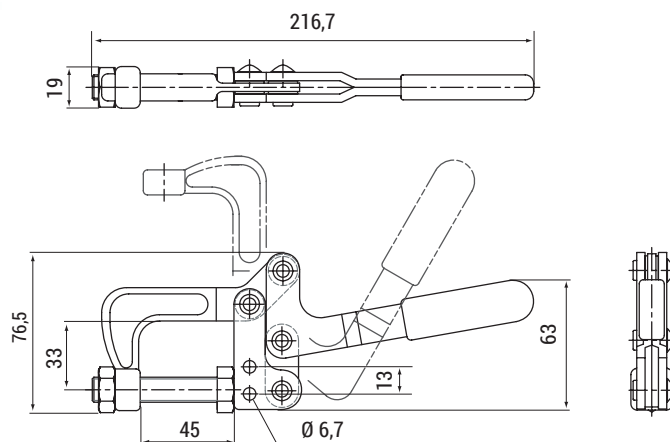
Apertura: 0-35 mm.

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.

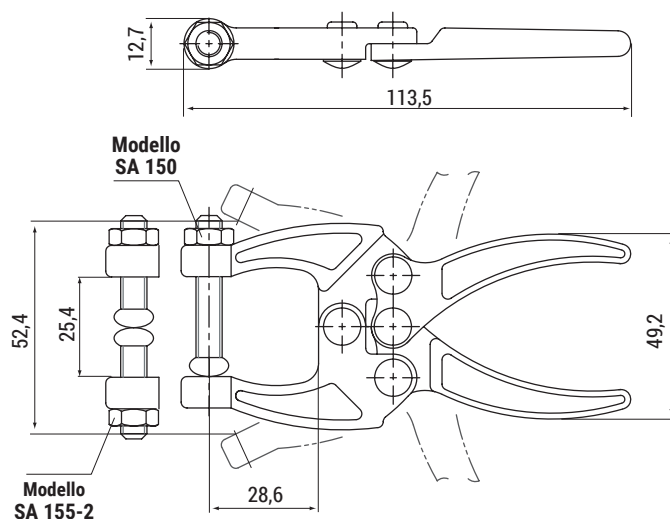
Tutti i rivetti sono in acciaio inox.

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 vinyl-coated spindle	SA 150	148412	90	157	10
Con 2 puntali vinile / Two vinyl-coated spindles	SA 155-2	195232	90	157	10



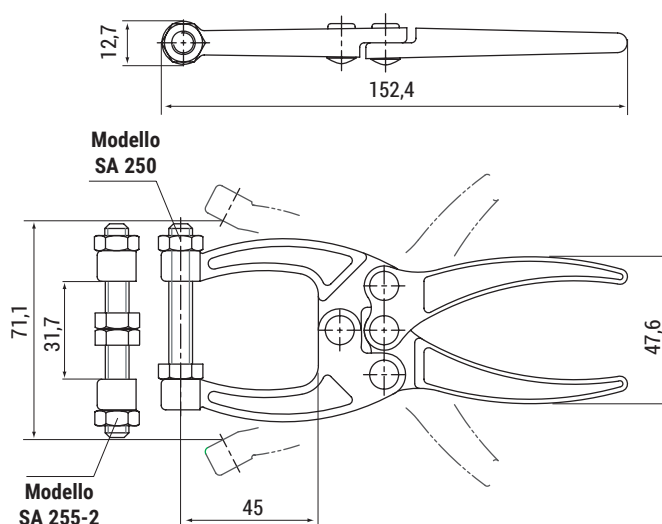
SA 250

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.*



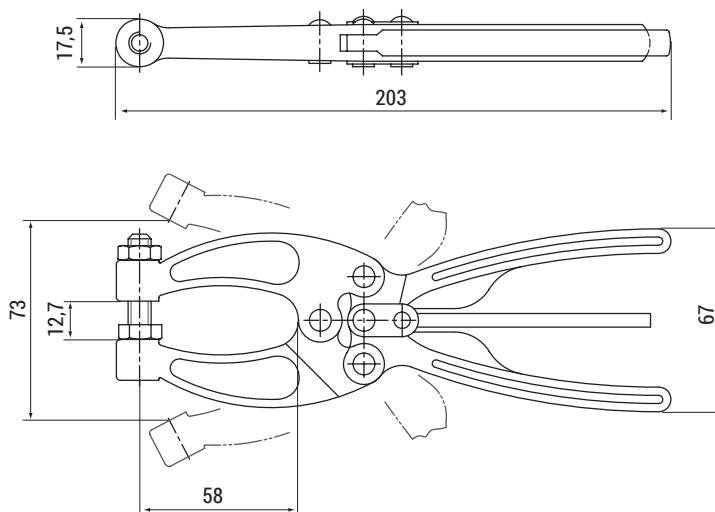
Caratteristiche Specifications	Articolo Article	Codice Code	Portata Kg Capacity Kg	Peso g Weight g	
Singolo puntale a testa zincata / Single hex-head spindle	SA 250	148429	160	253	10
Con due puntali a testa zincata / Two hex-head spindles	SA 255-2	195249	160	253	10

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.*



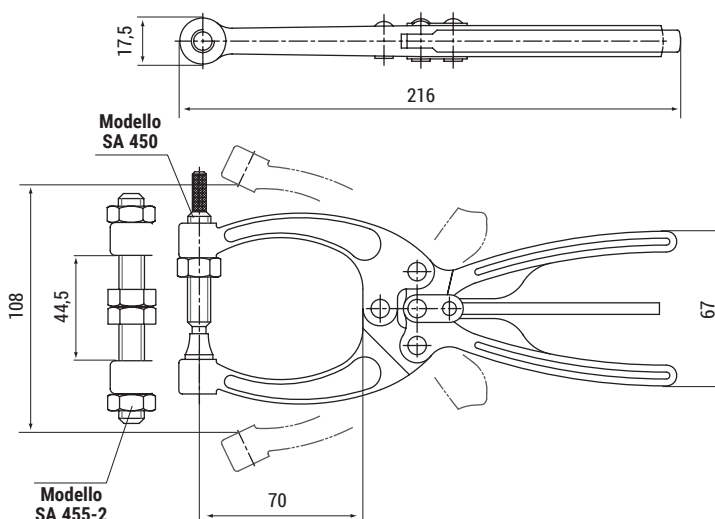
Caratteristiche Specifications	Articolo Article	Codice Code	Portata Kg Capacity Kg	Peso g Weight g	
Singolo puntale a testa zincata / Single hex-head spindle	SA 350	148436	318	546	10

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

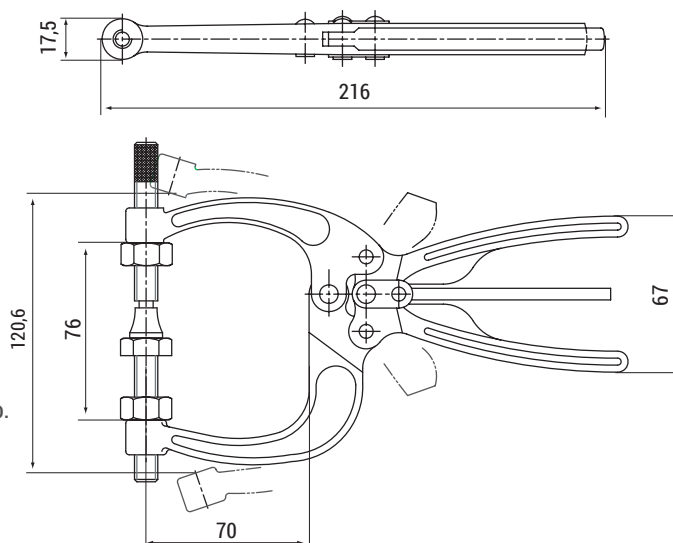
SA 550



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

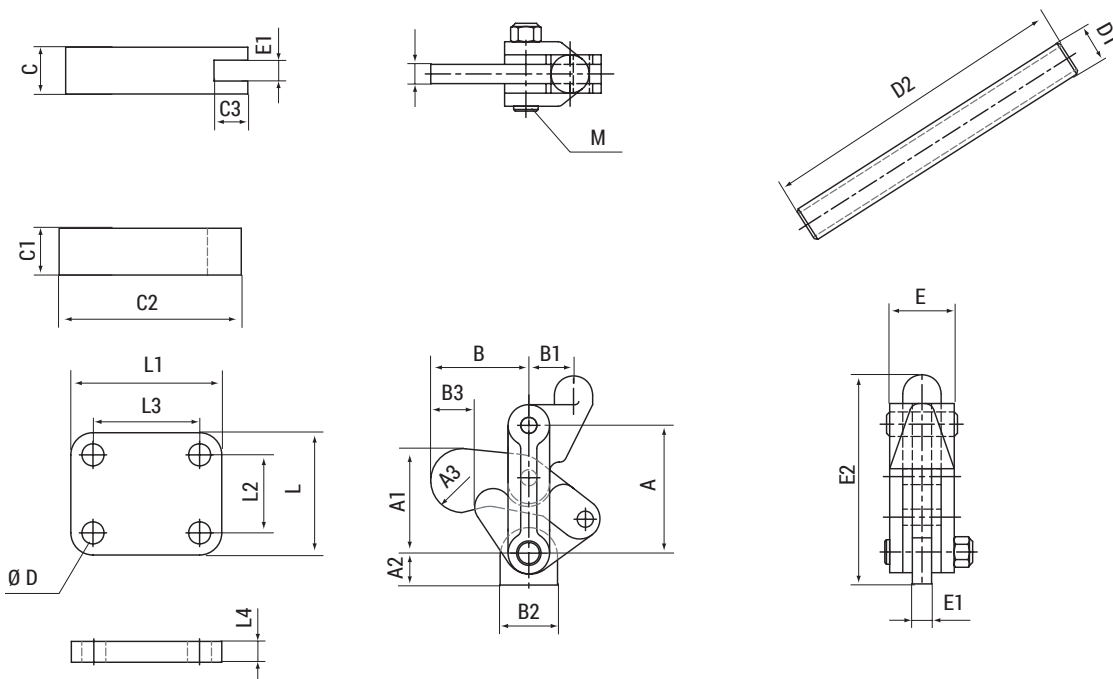
VARI 3X

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 accuracy.



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.

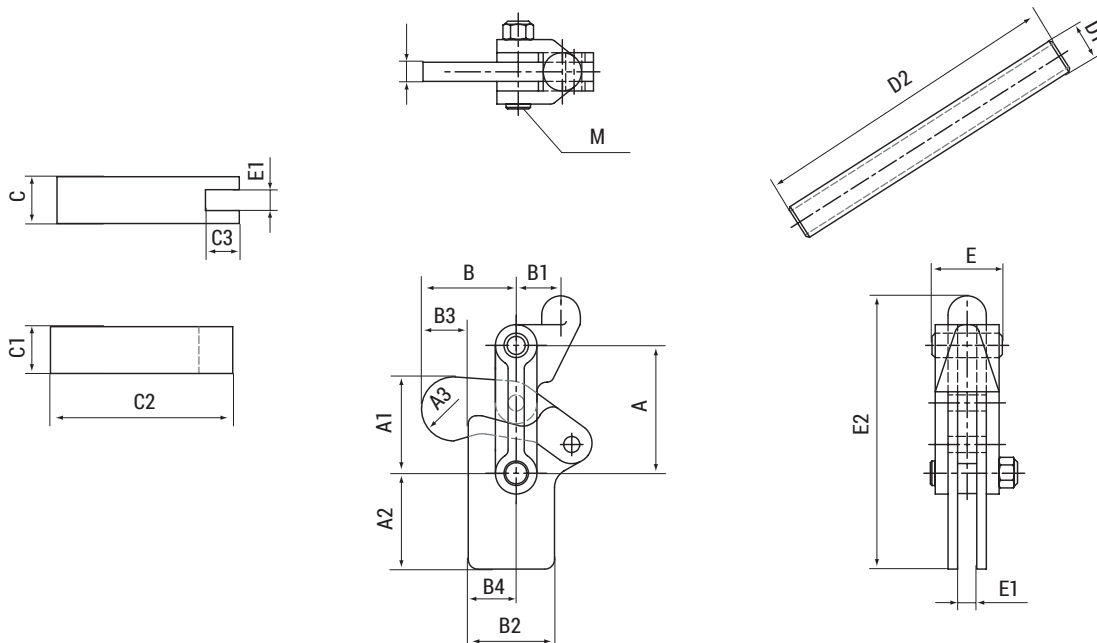
As method of assembling vary-clamp can be decided in accordance with working conditions, vary-clamp is applicable widely and used at many working spots.

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 accuracy.



Rotazione leva: 130°
Handle moves: 130°

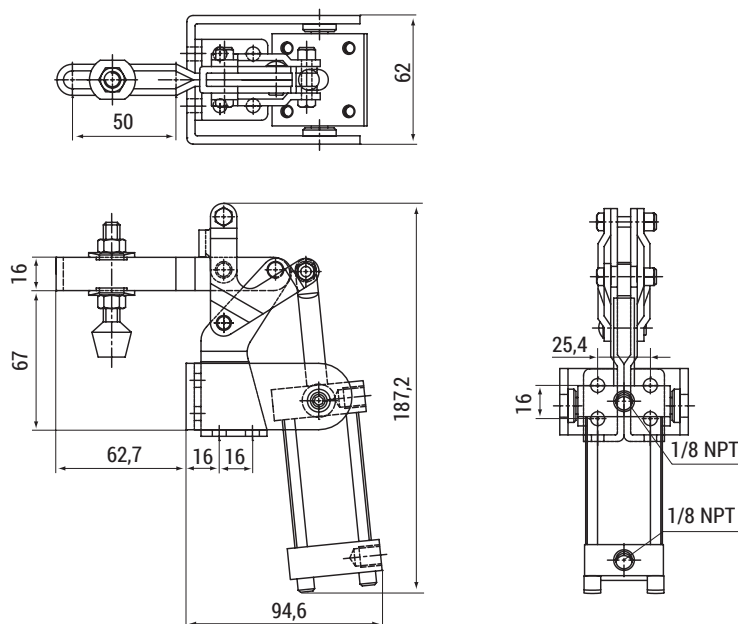


Articolo Article	A	A1	A2	A3	B	B1	B2	B3	B4	C	C1	C2	C3	D1	D2	E	E1	E2	M
VARI 1X-B	40	30	30	10	30,7	14,6	27	31,3	15	16	16	50	10	12,7	50	28,2	6	85,5	M5x0,80
VARI 2X-B	64	47,8	50	14	38,4	13,4	45	45	25	22,2	22,2	58	10	13,7	120	47	10	140	5/16-18
VARI 3X-B	82,6	73	63	18	57	32	50	45	25	25	25	72	15	22	137	60,8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

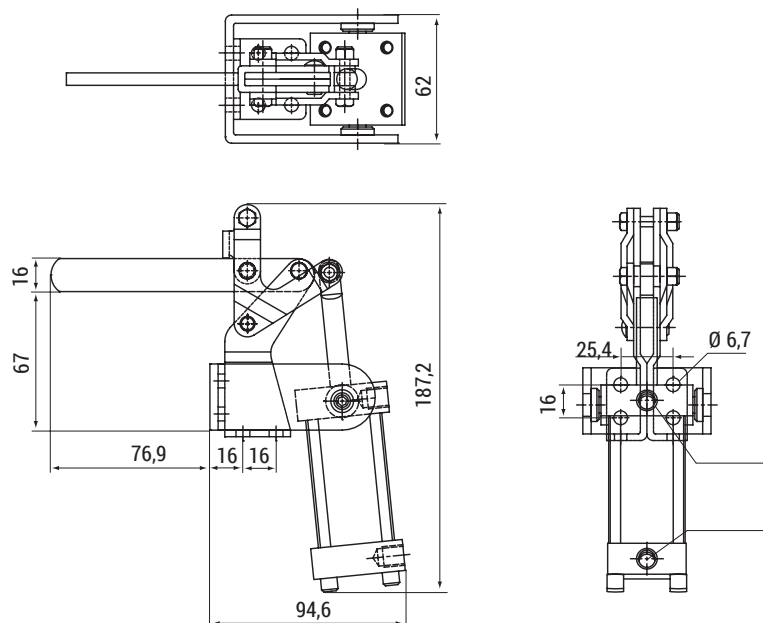


Barra chiusa. Fornito completo di puntale in neoprene. *Tutti i rivetti sono in acciaio inox.*

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.*

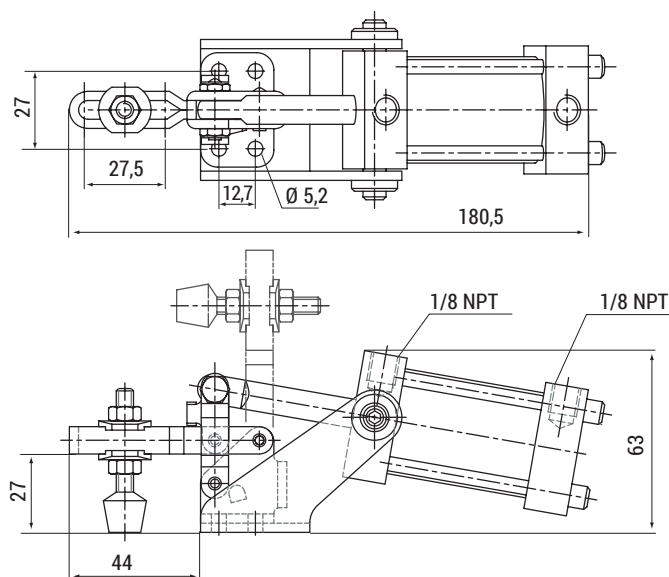
Caratteristiche Specifications	Articolo Article	Codice Code	Portata Kg Capacity Kg	Peso g Weight g	
	AC 82-S	190497	204	920	1
Con cilindro magnetico / With magnetic cylinder	AC 82-S SWT	196703	204	920	1

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	
Con cilindro magnetico / With magnetic cylinder	AC 250	159616	90	534	1
	AC 250 SWT	196710	90	534	1

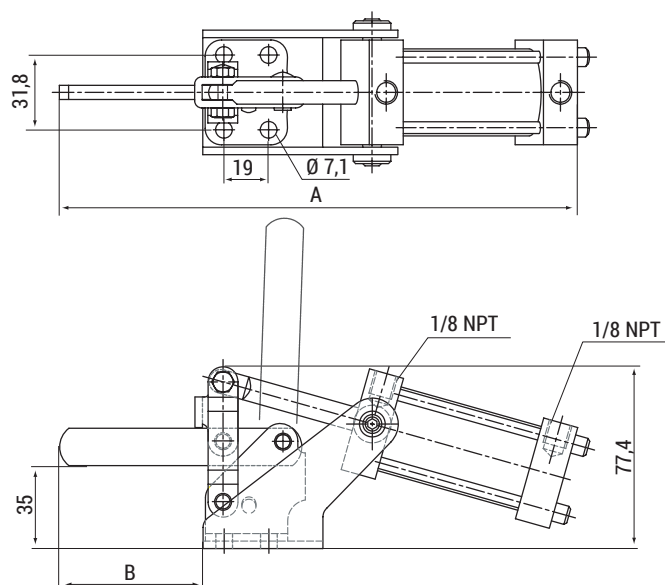
AC 350

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	
Braccio maggiorato / Longer arm	AC 350	159623	225	220	61	787	10
	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

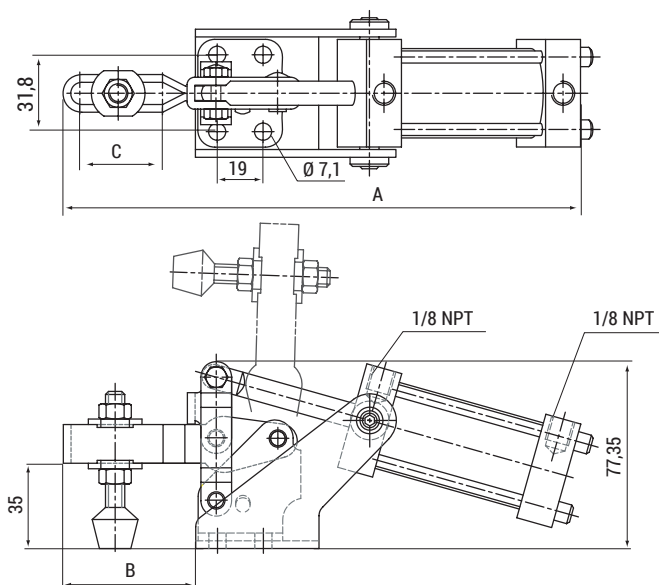
AC 450

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.*



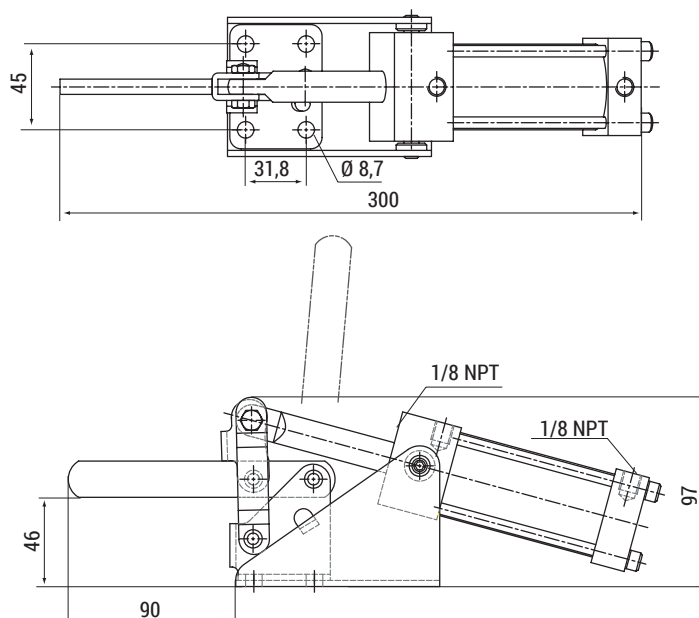
Caratteristiche Specifications	Articolo Article	Codice Code	Portata Kg Capacity Kg	A	B	C	Peso g Weight g	
	AC 450	159647	225	215,6	56,2	33,5	787	10
Braccio maggiorato / Longer arm	AC 453-L	178822	100	253,6	94,2	71,5	787	10
Con cilindro magnetico / With magnetic cylinder	AC 450 SWT	196741	225	215,6	56,2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

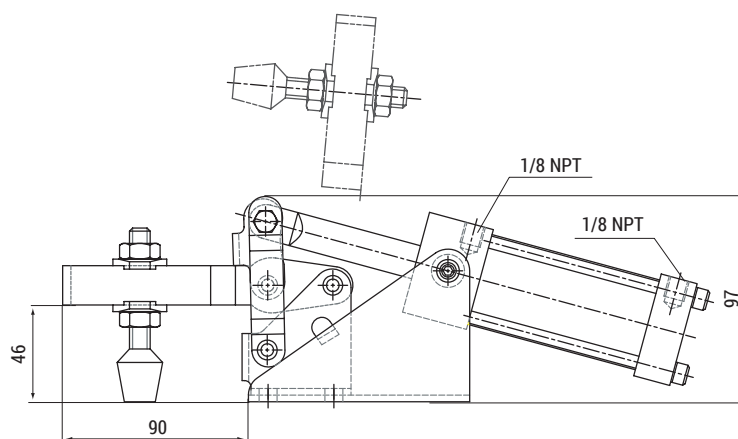
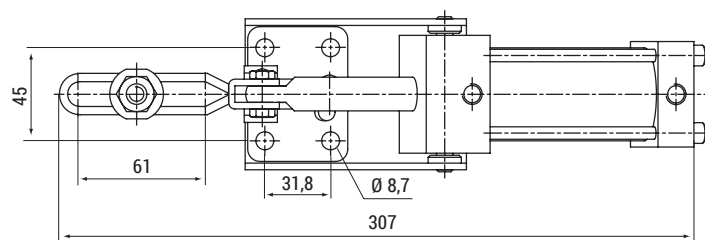


Barra chiusa. Fornito completo di puntale in neoprene. Per la sua particolare conformazione è adatto a fissaggio su piano.

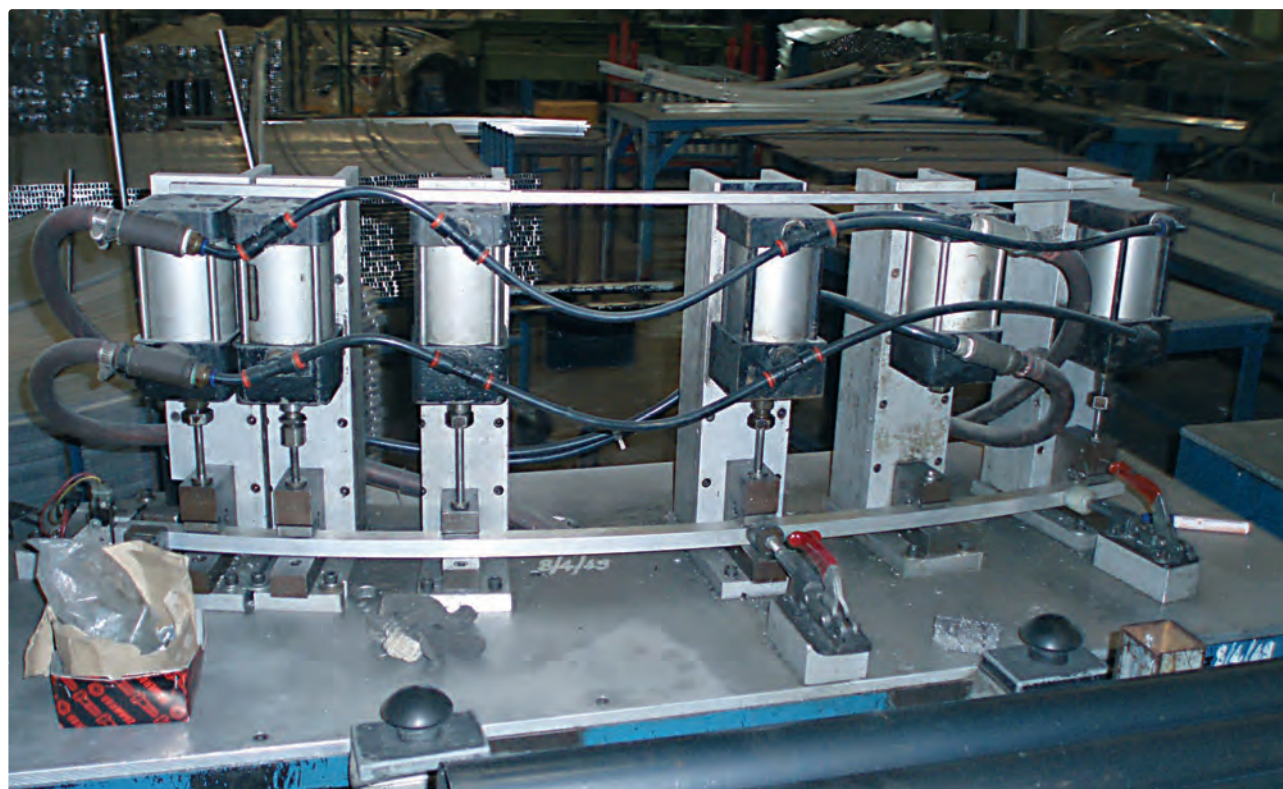
Tutti i rivetti sono in acciaio inox.

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

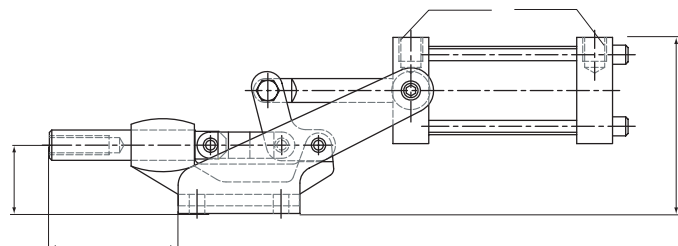
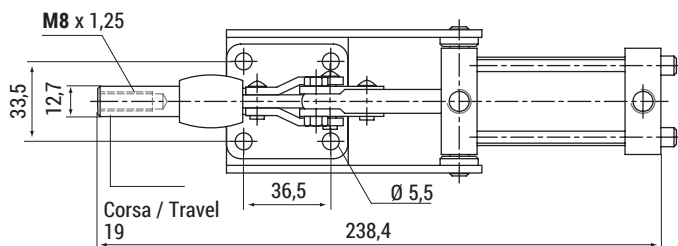


Modello con asta a spinta. Per la sua particolare conformazione è adatto a fissaggio su piano.

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

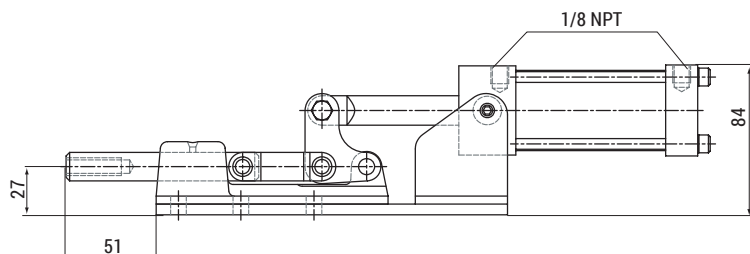
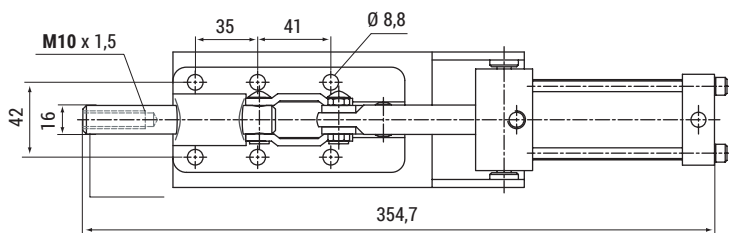


Modello con asta a spinta. Per la sua particolare conformazione è adatto a fissaggio su piano.

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

PUNTALE 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
	195539 HH 250-2S/HH 250-B2S	11,4	4,4	9,2	M4	1
	195546 HV 150-2S/HV 151-B2S	14,3	4,3	9,2	M4	1
	195553 HH 300-2S/HH 301-B2S/HV 200-2S	14,5	5,3	11	M5	1
	195560 HH 350-2S/HH 351-B2S/HH 400-2S/HH 401-B2S	18,2	7	12,2	M6	1
	195577 HH 500-2S/HH 501-B2S/HV 450-2S/HH 450-2S HV 300-2S	22,2	8,3	15,9	M8	1
	195584 42A-2S/42K-2S	16,2	8,3	17,5	M8	1
	195591 HV 250-U-2S	17,5	6,7	13	M6	1
	195607 38B(S)-2S/38 S(S)-2S	21	6,4	15,4	M6	1

INOX

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.	KAKUTA	DE.STA.CO	AMF	SPEEDY BLOCK	SERMAX	P.
HH 150	205-S	-	SH 8		6b	HV 150-2S	201-USS	6800NI-1/95026	AS095-75/AX	-	17b
HH 150-2S	205-SSS	-	-	-	6b	HV 151-B	201-UB	6802-1/90217	AA522-75/B	-	17b
HH 151-B	205-SB	-	-	-	6b	HV 151-B2S	201-UBSS	-	AS100-75/BX	-	17b
HH 151-B2S	205-SBSS	-	-	-	6b	HV 151-BT	201-TUB	-	-	-	17b
HH 154-LE	205-SL	-	-	-	6b	HV 152-T	201-TU	-	-	-	17b
HH 155-R	205-SR	-	-	-	6b	HV 153-XL	-	-	-	-	17b
HH 250	205-U	6830-0/93005	AD025-25/M	SH 8	7b	HV 200	305-U	-	-	-	18b
HH 250-2S	205-USS	6830NI-0/95141	DS025-25/MX	-	7b	HV 200-RL	305-UR	-	-	-	19b
HH 250-B	205-UB	6832-0/93203	-	-	7b	HV 200-2S	305-USS	-	-	-	18b
HH 250-B2S	205-UBSS	-	-	-	7b	HV 250	202	6805-1/90514	AA524-75/E	SU 11	20b
HH 254-LE	205-UL	-	-	-	7b	HV 250 L	202-UL	6805-1/90514	AA524-75/E	-	24b
HH 255-R	205-UR	-	-	-	7b	HV 250-U1	202-U	6800-2/90027	AA530-130/A	-	23b
HH 300	213-U	6830-1/93013	AD075-75/M	-	9b	HV 250-U12S	202-USS	6800NI-2/95042	AS150-130/AX	-	23b
HH 300 L	213-UL	6830-1/93013	AD075-75/M	-	10b	HV 250-UF	-	6803-2/90324	-	-	23b
HH 300-2S	213-USS	6830NI-1/95166	DS075-75/MX	-	9b	HV 250-2S	202-SS	-	AS105-75/EX	-	20b
HH 301-B	213-UB	6832-1/93211	AD080-75/N	-	9b	HV 250-B	202-B	-	AA522-75/B	-	20b
HH 301-BL	213-UBL	6832-1/93211	AD080-75/N	-	10b	HV 250-B2S	202-BSS	-	AS100-75/BX	-	20b
HH 301-B2S	213-UBSS	-	DS080-75/NX	-	9b	HV 250-BT	202-TB	-	-	-	20b
HH 350	215-U	-	-	SH 11	11b	HV 250-UB1	202-UB	6802-2/90225	AA532-130/B	-	23b
HH 350-2S	215-USS	-	-	-	11b	HV 251-UBL	202-UBL	6802-2/90225	AA532-130/B	-	24b
HH 350-S	215-S	6834-1/93427	AD085-75/O	-	11b	HV 252-T	202-T	-	-	-	20b
HH 351-B	215-UB	-	-	-	11b	HV 250-U	202-U	6800-2/90027	AA530-130/A	-	22b
HH 351-B2S	215-UBSS	-	-	-	11b	HV 250-U2S	202-USS	6800NI-2/95042	AS150-130/AX	-	22b
HH 351-SB	215-SB	-	-	-	11b	HV 250-UB	202-UB	6802-2/90225	-	-	22b
HH 400	217-U	6830-2/93021	AD135-130/M	-	9b	HV 250-UBT	202-TUB	-	-	-	22b
HH 400 L	217-UL	6830-2/93021	AD135-130/M	-	10b	HV 252-UT	202-TU	-	-	-	22b
HH 400-2S	217-USS	6830NI-2/95182	DS135-130/MX	-	9b	HV 253-UL	202-UL	-	-	-	22b
HH 401-B	217-UB	6832-2/93229	AD140-130/N	-	9b	HV 253-UL2S	-	-	-	-	22b
HH 401-BL	217-UBL	6832-2/93229	AD140-130/N	-	10b	HV 260	201-U	6800/1-90019	AA520-75/A	-	25b
HH 401-B2S	217-UBSS	-	DS140-130/NX	-	9b	HV 260-2S	201-SS	6800NI-1	AS095-75/AX	-	25b
HH 450	225-U	-	-	SH 12	12b	HV 260-S	-	-	AA524-75/E	-	25b
HH 450-2S	225-USS	-	-	-	12b	HV 260-S2S	-	-	AS105-75/EX	-	25b
HH 451-B	225-UB	-	-	-	12b	HV 261-B	201-03	6802-1	AA522-75/B	-	25b
HH 451-B2S	225-UBSS	-	-	-	12b	HV 261-B2S	-	-	AS100-75/BX	-	25b
HH 500	227-U	6830-3/93039	AD270-230/M	-	9b	HV 261-SB	-	-	AA526-75/F	-	25b
HH 500 L	227-UL	6830-3/93039	AD270-230/M	-	10b	HV 261-SB2S	-	-	AS110-75/FX	-	25b
HH 500-2S	227-USS	6830NI-3/95208	DS270-230/MX	-	9b	HV 270		90019	-	-	26b
HH 501-B	227-UB	6832-3/93237	AD275-230/N	-	9b	HV 270-2S		95026	-	-	26b
HH 501-BL	227-UBL	6832-3/93237	AD275-230/N	-	10b	HV 280		90514	-	-	26b
HH 501-B-2S	227-UBSS	-	AD275-230/NX	-	10b	HV 300	307-U	-	-	-	18b
HH 550	235-U	6830-5/93054	-	SH 13	13b	HV 300-RL	307-UR	-	-	-	19b
HH 551-B	-	6832-5/93252	-	-	13b	HV 300-2S	307-USS	-	-	-	18b
HH 551-BN	235-UB	-	-	-	13b	HV 310	-	-	AA530-130/A	-	28b
HH 600	237-U	6830-4/93047	AD370-355/M	-	9b	HV 310-2S	-	-	AS150-130/AX	-	28b
HH 601-B	237-UB	6832-4/93245	AD375-355/N	-	9b	HV 310-S	-	-	AA534-130/E	-	28b
HV 150	201-U	6800-1/90019	AA520-75/A	SU 10	17b	HV 310-S2S	-	-	AS160-130/EX	-	28b



TABELLA COMPARATIVA

KAKUTA	DE.STA.CO	AMF	SPEEDY BLOCK	SERMAX	P.	KAKUTA	DE.STA.CO	AMF	SPEEDY BLOCK	SERMAX	P.
HV 311-B	-	-	AA532-130/B	-	28b	HV 750	247-S	6804-5/90456	AA564-430/E	SU 14	38b
HV 311-B2S	-	-	AS155-130/BX	-	28b	HV 751-B	247-SB	6806-5/90571	AA566-430/F	-	38b
HV 311-SB	-	-	AA536-130/F	-	28b	HV 850	247-U	6800-5/90050	AA560-430/A	-	38b
HV 311-SB2S	-	-	AS165-130/FX	-	28b	HV 851-B	247-UB	6802-5/90258	AA562-430/B	-	38b
HV 350	207-S	6804-3/90431	AA544-230/E	SU 12	29b	HV 950	267-S	6804-6/90464	AA574-530/E	SU 15	38b
HV 351-B	207-SB	6806-3/90555	AA546-230/F	-	29b	HV 951-B	267-SB	6806-6/90589	AA576-530/F	-	38b
HV 351-BT	207-TSB	-	-	-	29b	HV 1050	267-U	6800-6/90068	AA570-530/A	SU 15	38b
HV 351-BL	207-LB	-	-	-	29b	HV 1051-B	267-UB	6802-6/90266	AA572-530/B	-	38b
HV 351-BTL	207-TLB	-	-	-	29b	SF 350	207-SF	-	AA226-200/EVF	-	39b
HV 352-T	207-TS	-	-	-	29b	UF 450	207-UF	6803-3/90332	AA221-200/AVF	-	39b
HV 352-TL	207-TL	-	-	-	29b	82	317-U	-	AA220-200/AV	-	15b
HV 353-L	207-L	-	-	-	29b	82-S	317-S	-	AA225-200/EV	-	15b
HV 400	309-U	-	-	-	18b	38B(S)	-	-	-	-	14b
HV 400-2S	309-USS	-	-	-	18b	38S(S)	-	-	-	-	14b
HV 400-RL	309-UR	-	-	-	19b	38B(L)	-	-	-	-	14b
HV 450	207-U	6800-3/90035	AA540-230/A	SU 12	31b	38S(L)	-	-	-	-	14b
HV 450-F	207-UF	6803-3/90332	AA221-200/AVF	-	32b	42A	-	-	-	-	27b
HV 450-L	207-UL	6800-3/90035	AA540-230/A	-	33b	42A-2S	-	-	-	-	27b
HV 450-2S	207-USS	6800NI-3/95067	AS180-230/AX	-	31b	42K	-	-	-	-	27b
HV 451-B	207-UB	6802-3/90233	AA542-230/B	-	32b	42K-2S	-	-	-	-	27b
HV 451-B2S	207-UBSS	-	AS185-230/BX	-	32b	42P	-	-	-	-	27b
HV 451-BT	207-TUB	-	-	-	32b	42S	-	-	-	-	27b
HV 451-BL	207-ULB	-	-	-	32b	PA 50	330	-	-	-	40b
HV 451-BTL	207-TULB	-	-	-	32b	PA 50-2S	330-SS	-	-	-	40b
HV 451-UBL	207-UBL	6802-3/90233	AA542-230/B	-	32b	PA 150	301	-	AL200-200T	T 113	40b
HV 452-T	207-TU	-	-	-	31b	PA 150-2S	301-SS	-	-	-	40b
HV 452-TL	207-TUL	-	-	-	31b	PA 170	311	-	AL300-300T	-	40b
HV 453-L	207-UL	-	-	-	31b	PA 250	351	6847-3/94540	AL205-200TF	T 113	40b
HV 453-XL	-	-	-	-	31b	PA 250-2S	351-SS	6847NI-3/95422	-	T 113	40b
HV470-S	-	-	AA554-330/E	-	34b	PA 251-B	351-B	6847K-3/94680	-	-	40b
HV 470	-	-	AA550-330/A	-	34b	PA 251-B2S	351-BSS	6847KNI-3/95455	-	-	40b
HV 470-2S	-	-	-	-	34b	PA 270	371	-	AL305-300/TF	-	40b
HV 471-B	-	-	AA552-330/B	-	34b	PA 270-2S	311-SS	-	-	-	40b
HV 471-SB	-	-	AA556-330/F	-	34b	PA 350	381	-	AL405-400/TF	-	40b
HV 510	-	-	AA560-430/A	-	37b	FA 100	323	-	AL500-160/T2	-	42b
HV 510-S	-	-	AA564-430/E	-	37b	FA 100-2S	323-MSS	-	AS500-160/T2X	-	42b
HV 511-B	-	-	AA562-430/B	-	37b	FA 102	-	6848H-2/94698	-	-	42b
HV 511-SB	-	-	AA566-430/F	-	37b	FA 102-2S	-	6848HNI-2/95521	-	-	42b
HV 550	210-S	6804-4/90449	AA554-330/E	SU 13	35b	FA 130	324	-	AL530-160/T3	-	44b
HV 551-B	210-SB	6806-4/90563	AA556-330/F	-	35b	FA 130-2S	324-SS	-	AS530-160/T3X	-	44b
HV 551-BT	210-TSB	-	-	-	35b	FA 140	-	6848V-2/94755	AL560-160/T4	-	44b
HV 552-T	210-TS	-	-	-	35b	FA 140-2S	-	6848VNI-2/95588	-	-	44b
HV 650	210-U	6800-4/90043	AA550-330/A	SU 13	36b	FA 200	331	-	AL505-320/T2	-	42b
HV 651-B	210-UB	6802-4/90241	AA552-330/B	-	36b	FA 200-2S	331-SS	-	AS505-320/T2X	-	42b
HV 651-BT	210-TUB	-	-	-	36b	FA 202	-	6848H-3/94706	-	-	42b
HV 652-T	210-TU	-	-	-	36b	FA 202-2S	-	6848HNI-3/95547	-	-	42b

TABELLA COMPARATIVA

KAKUTA	DE.STA.CO	AMF	SPEEDY BLOCK	SERMAX	P.	KAKUTA	DE.STA.CO	AMF	SPEEDY BLOCK	SERMAX	P.
FA 230	334	-	AL535-320/T3	-	44b	FM 150-2S	604-SS	6844NI-3/95364	AS406-165/ASX	-	57b
FA 230-2S	334-SS	-	AS535-320/T3X	-	44b	FM 150-1	-	-	-	-	57b
FA 240	-	6848V-3/94763	AL565-320/T4	-	44b	FM 150-1-2S	-	-	-	-	57b
FA 240-2S	-	6848VNI-3/95604	-	-	44b	FM 250	624	6844-5/94334	AG411-340/AS	-	57b
FA 300	341	-	AL510-700/T2	-	42b	FM 250-2S	624-SS	6844NI-5/95380	AS411-340/ASX	-	57b
FA 300-2S	341-SS	-	AS510-700/T2X	-	29c	SA 2	325	-	-	-	58b
FA 300-RL	341-R	-	AL790-700/T6	-	43b	SA 150	424	-	-	P1	58b
FA 302	-	6848H/94714	-	-	42b	SA 155-2	424-2	-	-	-	58b
FA 330	344	-	AL540-700/T3	-	44b	SA 250	441	-	-	P1	59b
FA 330-2S	344-SS	-	AS540-700/T3X	-	44b	SA 255-2	441-2	-	-	-	59b
FA 340	-	6848V-4/94771	AL570-700/T4	-	44b	SA 350	461	-	-	-	59b
FA 340-2S	-	6848VNI-4/95620	-	-	44b	SA 450	462	-	-	P4	60b
FA 600	375	-	AL600-1400/T2	-	45b	SA 455-2	462-2	-	-	-	60b
FA 601-B	375-B	-	AS585-1400/T2X	-	45b	SA 550	463	-	-	P4	60b
FA 700	385	6849PH-5/93856	AL610-2800/T2	-	46b	V.1X	501-MB	6809P-2/90738	AA710-LSH01	-	62b
SL 07	-	-	-	-	47b	V.1X-B	501-MLB	6810P-2/90803	-	-	63b
SL 10	601	-	-	-	47b	V.2X	503-MB	6809P-4/90746	AA735-LSH02	-	62b
SL 10-2S	601-SS	-	-	-	47b	V.2X-B	503-MLB	6810P-4/90811	-	-	63b
SL 15-2	601-O	-	-	-	47b	V.3X	505-MB	6809P-6/90753	AA760-LSH03	-	62b
SL 15-22S	601-OSS	-	-	-	47b	V.3X-B	505-MLB	6810P-6/90829	-	-	63b
SL 70	-	-	AG070-70/AS	-	49b	AC 82	817-U	-	AO181-200/APV3	-	64b
SL 70-2S	-	-	-	-	49b	AC 82-S	817-S	-	AO186-200/EPV3	-	64b
SL 70-LR	-	-	AG080-70/ASS	-	48b	AC 82-SWT	817-UMR	-	AO182-200/APVM	-	64b
SL 70-RR	-	-	AG075-70/ASD	-	48b	AC 82-S-SWT	817-SMR	-	AO187-200/EPVM	-	64b
SL 100	-	-	AG351-360/AS	-	49b	AC 100-SL	830	-	AO361-360/SP3	-	68b
SL 105-2	603-M	-	AG351-360/AS	-	50b	AC 100-SL-SWT	803-MR	-	AO362-360/SPM	-	68b
SL 105-22S	-	-	AG160-160/AS	-	50b	AC 250	802	6820K-1/91728	AO020-70/AP3	-	65b
SL 110	609	-	-	-	50b	AC 250-SWT	802-MR	-	-	-	65b
SL 111-B	609-B	-	-	-	50b	AC 350	807-L	-	AO166-200/EP3	-	65b
SL 150	605	-	-	-	51b	AC 350-SWT	807-LMR	-	AO167-200/EPM	-	65b
SL 160	615	-	-	-	51	AC350-SL	830	6850-5/95059	AO371-1100/SP3	-	68b
SL 200	-	-	-	-	49b	AC 350-SL-SWT	830-MR	-	AO372-1100/SPM	-	68b
SL 210	608	-	-	-	53b	AC 353-L	-	-	-	-	65b
SL 240	620	-	-	-	53b	AC 353-L-SWT-	-	-	-	-	65b
SL 241-B	628	-	-	-	53b	AC 450	807-UL	-	AO161-200/AP3	-	66b
SL 250	610	-	-	H 11	54b	AC 450-SWT	807-ULMR	-	AO162-200/APM	-	66b
SL 251-B	618	-	-	-	54b	AC 453-L	-	91983	-	-	66b
SL 300	-	-	-	-	49b	AC 453-L-SWT-	-	-	-	-	66b
SL 310	607-M	-	AG355-550/AS	-	54b	AC 550	810-S	-	AO206-300/EP3	-	66b
SL 350	630	-	AG361-1100/AS	H 13	54b	AC 550-SWT	810-SMR	-	AO207-300/EPM	-	66b
SL 450	640	-	AG371-2100/AS	-	54b	AC 650	810-U	91991	AO201-300/AP3	-	67b
02	-	-	AG120-120/AS	-	55b	AC 650-SWT	810-UMR	-	AO202-300/APM	-	67b
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						

