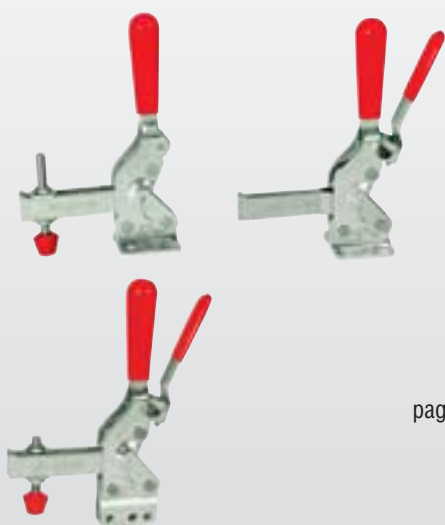


NEW**The new 2000-Series: Strong and Compact**

The main features of this new revolutionary toggle clamp series are: High holding forces and compact design. Greater clearance, pinch point elimination. Vertical movement of the spindle, no workpiece movement. Open, long clamping arm for more flexibility. Optimized stop point location for more durability.

page **2.17****NEW****Models VH3 and SL3:
strong and leight weight**

Vertical Clamps out of plastic. Special compressed polymeres make these clamps leight weight and strong. Can be used in the Electrical Industry.

page **2.55****NEW****Vertical Clamp with T-Handle**

Compact and comfortable. Vertical Clamps with T-handle are very compact. The T-handle allows optimal usage. Narrow space in the application is no problem.

page **2.28****NEW****Cam action clamp: for thick and thin**

The DE-STA-CO cam action clamp allows to clamp different workpiece thicknesses. The 7-XX line works with te same principle but is much more robust.

page **2.36****NEW****Model 518:
for taller workspaces and more safety**

Those clamps have a very big distance between Clamping arm and surface. Tall workpeaces can be clamped easily. The spacial shaped handle protects the worker from injury.

page **2.38**

Product group – vertical clamps

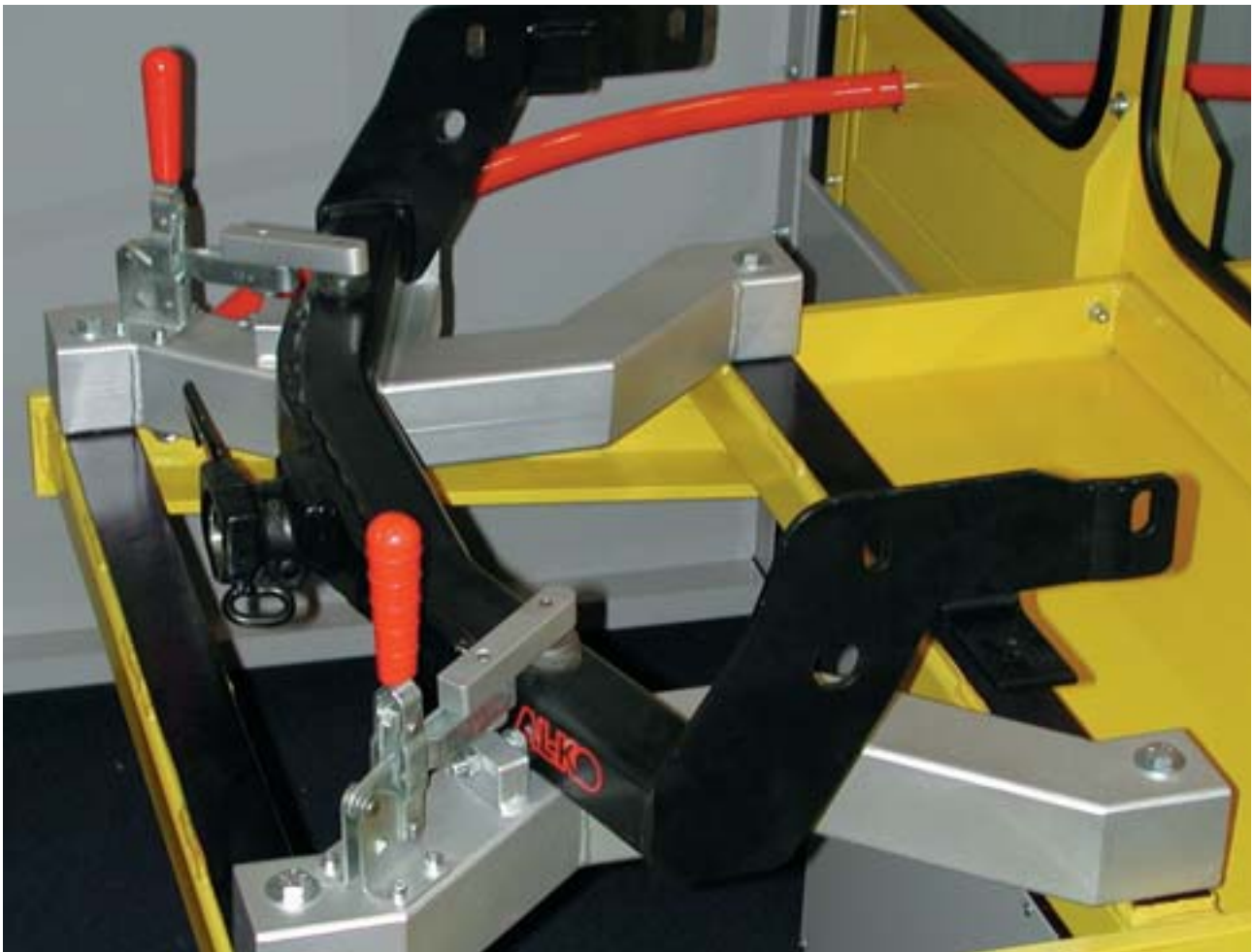
Application areas

Clamping during the assembling, drilling, testing, gluing, locking of covers, and much more. The vertical clamp is the most frequently used product whenever clamping products are to be integrated with a manual fixture.

The essential product features

- In the clamping position, the handle is vertical
- Vertical clamps open at an angle between 90° and 215°
- Vertical clamps are offered with U-shaped or heavy-duty solid clamping bars
- Vertical clamps have a straight or flanged base. The heavy-duty vertical clamps possess a base that can be welded on without a hole pattern

Model 210-U clamping a frame



	Model no.	Holding Capacity inner [N]	Category	Page
	202-S	2.700	NEW! Standard	2.17
	2007-S	4.500	NEW! Standard	
	2010-S	6.200	NEW! Standard	
	2002-SB	2.700	NEW! Standard	2.17
	2007-SB	4.500	NEW! Standard	
	2010-SB	6.200	NEW! Standard	
	2002-SBR	2.700	NEW! Toggle-Lock Plus	2.18
	2007-SBR	4.500	NEW! Toggle-Lock Plus	
	2010-SBR	6.200	NEW! Toggle-Lock Plus	
	2002-SR	2.700	NEW! Toggle-Lock Plus	2.19
	2007-SR	4.500	NEW! Toggle-Lock Plus	
	2010-SR	6.200	NEW! Toggle-Lock Plus	
	2002-U	2.700	NEW! Standard	2.20
	2007-U	4.500	NEW! Standard	
	2010-U	6.200	NEW! Standard	
	2002-UB	2.700	NEW! Standard	2.21
	2007-UB	4.500	NEW! Standard	
	2010-UB	6.200	NEW! Standard	
	2002-UBR	2.700	NEW! Toggle-Lock Plus	2.22
	2007-UBR	4.500	NEW! Toggle-Lock Plus	
	2010-UBR	6.200	NEW! Toggle-Lock Plus	
	2002-UR	2.700	NEW! Toggle-Lock Plus	2.23
	2007-UR	4.500	NEW! Toggle-Lock Plus	
	2010-UR	6.200	NEW! Toggle-Lock Plus	

	Model no.	Holding Capacity inner [N]	Category	Page
	202	1.100	NEW! Standard	2.24
	207-L	2.000	Standard	
	207-S	2.000	NEW! Standard	
	210-S	3.400	Standard	
	247-S	4.500	Standard	
	267-S	5.400	Standard	
	202-B	1.100	NEW! Standard	2.25
	207-LB	2.000	Standard	
	207-SB	2.000	NEW! Standard	
	210-SB	3.400	Standard	
	247-SB	4.500	Standard	
	207-LR	2.000	Toggle-Lock Plus	2.26
	210-SR	3.400	Toggle-Lock Plus	
	207-LBR	2.000	Toggle-Lock Plus	2.27
	210-SBR	3.400	Toggle-Lock Plus	
	202-T	1.100	NEW! Standard	2.24
	207-TS	2.000	NEW! Standard	
	201-TU	450	NEW! Standard	2.25
	202-TU	1.100	NEW! Standard	
	207-TU	1.700	NEW! Standard	
	207-TUL	1.700	NEW! Standard	
	210-TU	2.800	NEW! Standard	
	201-U	450	Standard	2.26
	202-U	1.100	Standard	
	202-UL	1.100	NEW! Standard	
	207-U	1.700	Standard	
	207-UL	1.700	NEW! Standard	
	210-U	2.800	Standard	
	247-U	3.600	Standard	
	267-U	5.400	Standard	
	201-UB	450	Standard	2.28
	202-UB	1.100	Standard	
	207-UB	1.700	Standard	
	207-ULB	1.700	NEW! Standard	
	210-UB	2.800	Standard	
	247-UB	3.600	Standard	

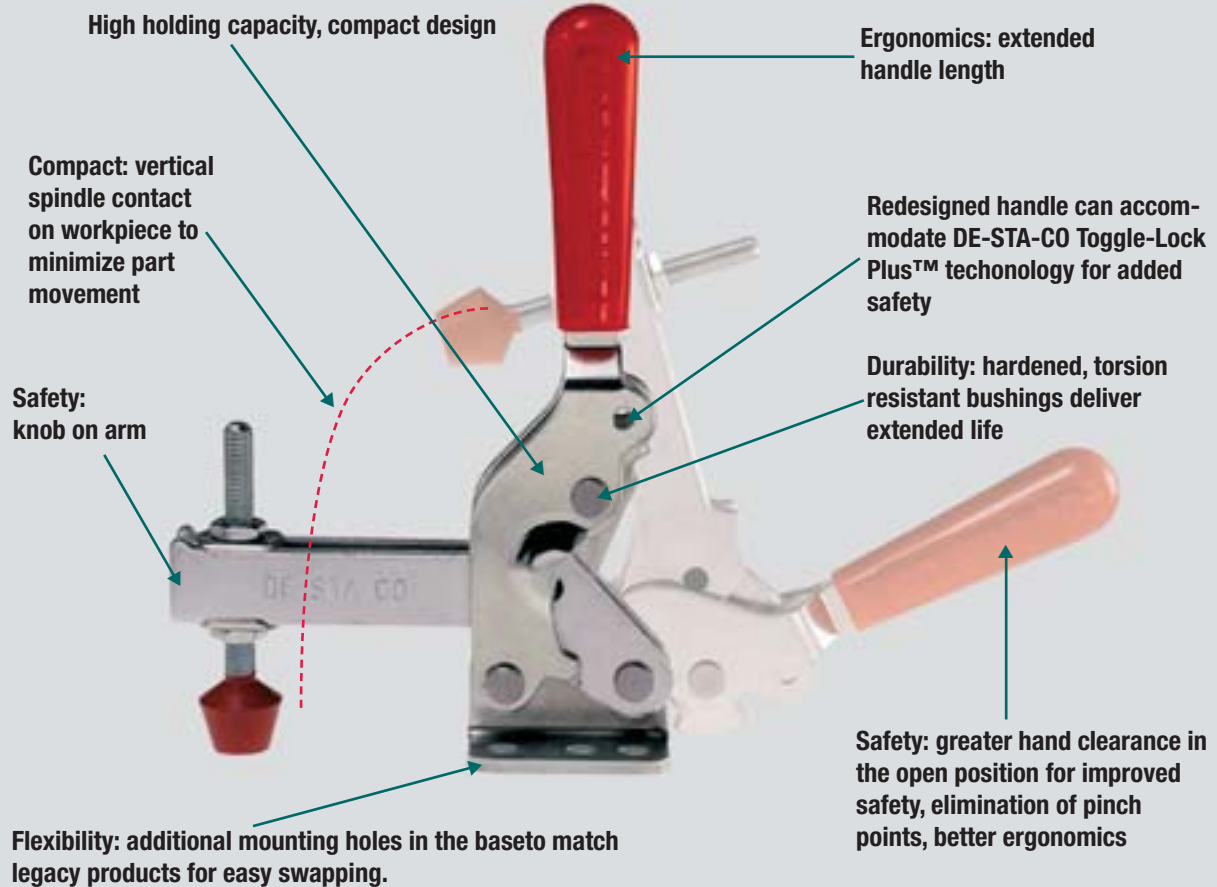
Product group – vertical clamps

	Model no.	Holding Capacity inner [N]	Category	Page
	207-UR 210-UR	1.700 2.800	Toggle-Lock Plus Toggle-Lock Plus	2.34
	207-UBR 210-UBR	1.700 2.800	Toggle-Lock Plus Toggle-Lock Plus	2.35
	229	4.500	NEW! Cam action	2.36
	516 516-B	3.300 3.300	NEW! Standard NEW! Standard	2.37
	518	2.200	NEW! Standard	2.38
	528 528-F	4.500 4.500	Heavy duty Heavy duty	2.39
	548 578 588	11.000 18.000 27.000	Heavy duty Heavy duty Heavy duty	2.40
	558	11.500	Heavy duty	2.41

	Model no.	Holding Capacity inner [N]	Category	Page
	533-L 535-L	7.000 10.000	Heavy duty Heavy duty	2.42
	533-LB 535-LB	7.000 10.000	Heavy duty Heavy duty	2.43
	501-B 503-MB 503-MBLSC 505-MB 505-MBLSC 506-MB 506-MBLSC	2.000 7.000 7.000 11.000 11.000 22.500 22.500	Modular Modular Modular Modular Modular Modular Modular	2.45
	501-LB 503-MLB 503-MLBLSC 505-MLB 505-MLBLSC 506-MLB 506-MLBLSC	2.500 7.000 7.000 11.000 11.000 22.500 22.500	Modular Modular Modular Modular Modular Modular Modular	2.46
	7-58 7-59 7-60 7-101	2.600 4.400 7.100 2.100	Cam action Cam action Cam action Cam action	2.48
	207-SF	2.000	Standard	2.49
	207-UF	1.700	Standard	2.50
	317-S	2.000	Standard	2.51

	Model no.	Holding Capacity inner [N]	Category	Page
	317-U	1.700	Standard	2.52
	527	4.500	Standard	2.53
	527-F	4.500	Standard	2.54
	91090	1.700	NEW! Standard	2.55
	VH3	800	NEW! Composite	2.55

Strength: 2-3 times higher Holding Capacity



Main Benefits:

1. High holding capacity, compact design
2. Greater hand clearance, pinch point elimination
3. Vertical movement of the spindle, no workpiece movement
4. Open, long clamping bar for more flexibility
5. Optimized handle stop location for more durability

Application areas:

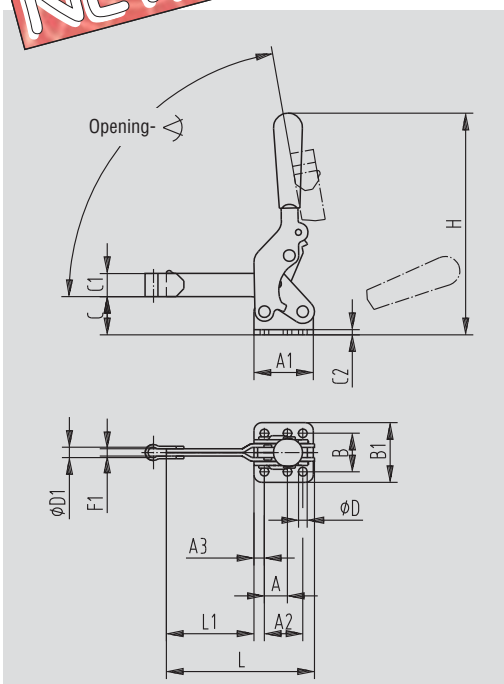
Ideal for fixtures and applications with restricted space where high holding capacity is required.

Product features:

- All pivot points are bushed yielding high lifecycles
- Rivets made of stainless steel to reduce wear
- Improved material thickness for high durability
- Ergonomically shaped handle for operator comfort

NEW

Models 2002-S, 2007-S, 2010-S



Model no.	Holding Capacity [N]	Bar Opening $\angle^{+10^\circ}$	[kg]	Bolt retainer	Adjustment Spindle (Not Supplied)
2002-S	2.700	75°	0,22	2002115-E	215208-M
2007-S	4.500	80°	0,54	2007115-E	2007208-M
2010-S	6.200	80°	1,16	2010115-E	240208-M

See additional adjustment spindles beginning on page 10.1

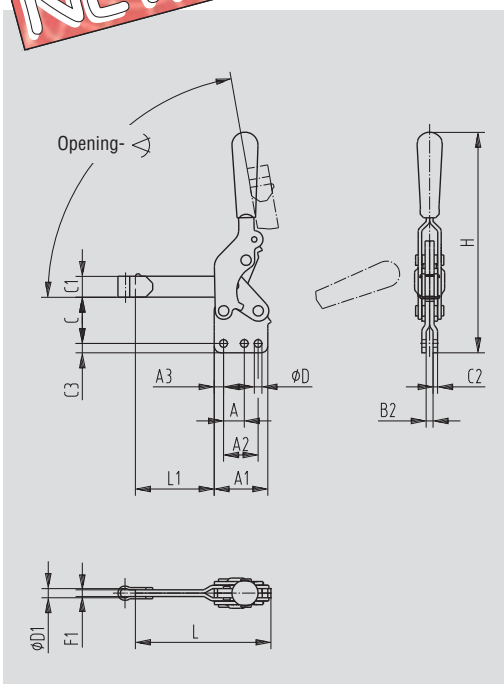
- Solid clamping bar with bolt retainer
- Flanged base
- Bolt retainer is delivered separately



Model no.	A	A1	A2	A3	B	B1	C	C1	C2	ØD	ØD1	F1	H	L	L1
2002-S	12,7	34,5	22,9	5,8	26,9	38,6	24,1	12,7	3,0	5,6	6,6	6,6	119,4	83,6	48,5
2007-S	19,1	49,3	31,8	8,6	31,8	49,3	31,8	19,1	4,1	7,1	8,6	6,1	182,1	122,4	72,4
2010-S	—	64,3	31,8	16,3	45,2	66,5	43,2	28,7	5,3	8,6	8,4	10,4	230,6	153,4	89,2

NEW

Models 2002-SB, 2007-SB, 2010-SB



Model no.	Holding Capacity [N]	Bar Opening $\angle^{+10^\circ}$	[kg]	Bolt retainer	Adjustment Spindle (Not Supplied)
2002-SB	2.700	75°	0,22	2002115-E	215208-M
2007-SB	4.500	80°	0,54	2007115-E	2007208-M
2010-SB	6.200	80°	1,16	2010115-E	240208-M

See additional adjustment spindles beginning on page 10.1

- Solid clamping bar with bolt retainer
- Straight base
- Bolt retainer is delivered separately



Model no.	A	A1	A2	A3	B2	C	C1	C2	ØD	ØD1	F1	H	L	L1
2002-SB	12,7	34,5	22,9	5,8	6,4	32,5	12,7	3,0	5,6	6,6	6,1	133,6	83,6	48,5
2007-SB	19,1	49,3	31,8	8,6	6,4	42,7	19,1	4,1	7,1	8,6	6,1	201,7	124,5	72,4
2010-SB	—	64,3	31,8	16,3	8,1	55,9	28,7	5,3	8,6	10,4	8,4	254,0	157,2	89,2

Models 2002-SBR, 2007-SBR, 2010-SBR

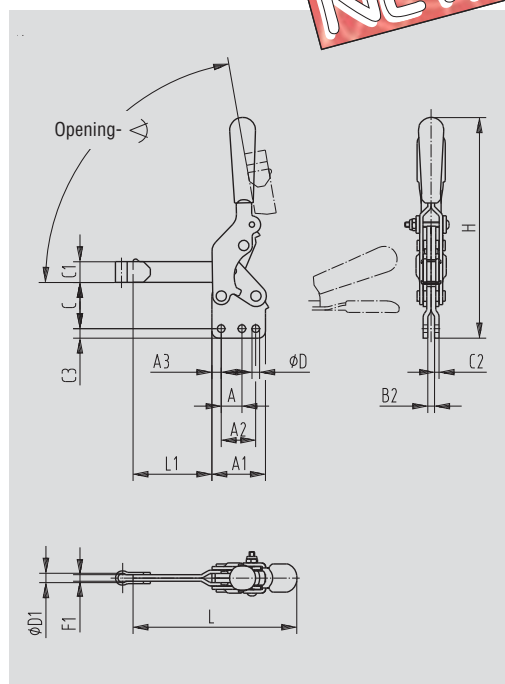
NEW

Model no.	Holding Capacity [N]	Bar Opening $\angle \pm 10^\circ$	 [kg]	 Bolt retainer	Adjustment Spindle (Not Supplied)
2002-SBR	2.700	75°	0,25	2002115-E	215208-M
2007-SBR	4.500	80°	0,67	2007115-E	2007208-M
2010-SBR	6.200	80°	1,16	2010115-E	240208-M

See additional adjustment spindles beginning on page 10.1



- DE-STA-CO Toggle-Lock Plus
- Solid clamping bar with bolt retainer
- Straight base
- Bolt retainer is delivered separately

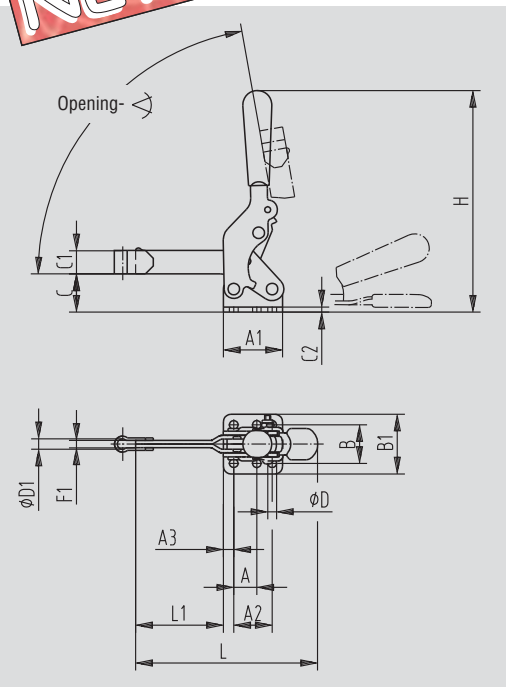


Model no.	A	A1	A2	A3	B2	C	C1	C2	ØD	ØD1	F1	H	L	L1
2002-SBR	12,7	34,5	22,9	5,8	6,4	32,5	12,7	3,0	5,6	6,6	6,1	133,6	113,3	48,5
2007-SBR	19,1	49,3	31,8	8,6	6,4	42,7	19,1	4,1	7,1	8,6	6,1	201,7	159,8	72,4
2010-SBR	—	64,3	31,8	16,3	8,1	55,9	28,7	5,3	8,6	10,4	8,4	254,0	197,9	89,2

NEW

Models 2002-SR, 2007-SR, 2010-SR

Vertical Clamps



Model no.	Holding Capacity [N]	Bar Opening  °	 [kg]	 Bolt retainer	Adjustment Spindle (Not Supplied)
2002-SR	2.700	75°	0,25	2002115-E	215208-M
2007-SR	4.500	80°	0,67	2007115-E	2007208-M
2010-SR	6.200	80°	1,16	2010115-E	240208-M

See additional adjustment spindles beginning on page 10.1

- DE-STA-CO Toggle-Lock Plus
- Solid clamping bar with bolt retainer
- Flanged base
- Bolt retainer is delivered seperately



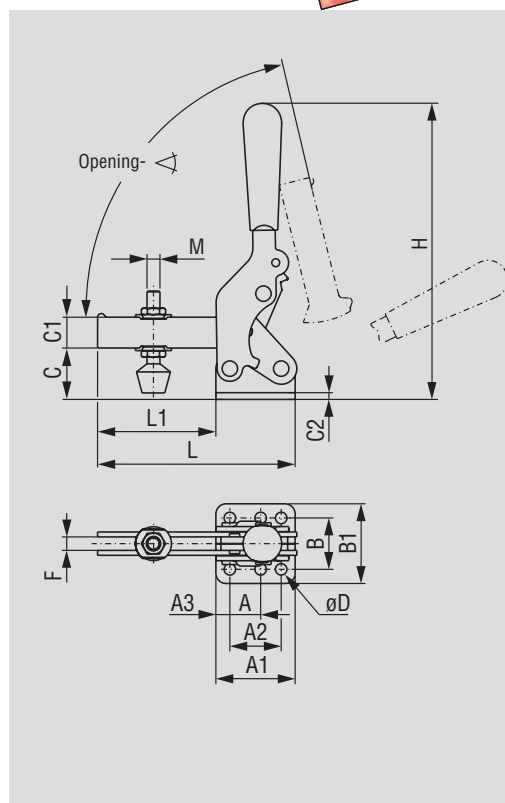
Model no.	A	A1	A2	A3	B	B1	C	C1	C2	ØD	ØD1	F1	H	L	L1
2002-SR	12,7	34,5	22,9	5,8	26,9	38,6	24,1	12,7	3,0	5,6	6,6	6,1	119,4	113,3	48,5
2007-SR	19,1	49,3	31,8	8,6	31,8	49,3	31,8	19,1	4,1	7,1	8,6	6,1	182,1	159,8	72,4
2010-SR	—	64,3	31,8	16,3	45,2	66,5	43,2	28,7	5,3	8,6	10,4	6,1	230,6	197,9	89,2

Model no.	Holding Capacity [N]	Bar Opening  $\pm 10^\circ$	 [kg]	 Standard equipment	 Flanged Washers
2002-U	2.700	75°	0,22	215208-M	215105-M
2002-U-LS				without spindle	215105-M
2007-U	4.500	80°	0,54	2007208-M	507107-M
2007-U-LS				without spindle	507107-M
2010-U	6.200	80°	1,16	240208-M	235106-M
2010-U-LS				without spindle	235106-M

See additional adjustment spindles beginning on page 10.1



- U-bar
- Flanged base

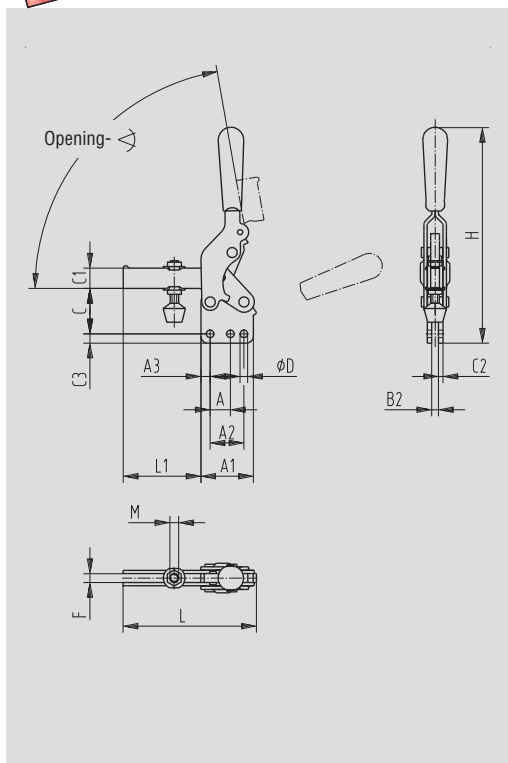


Model no.	A	A1	A2	A3	B	B1	C	C1	C2	ØD	F	H	L	L1	M
2002-U	12,7	34,5	22,9	5,8	26,9	38,6	24,1	12,7	3,0	5,6	6,1	119,9	83,6	49,0	M6
2007-U	19,1	49,3	31,8	8,6	31,8	49,3	31,8	19,1	4,1	7,1	8,4	182,1	112,4	73,2	M8
2010-U	—	64,3	31,8	16,3	45,2	66,5	43,2	28,7	5,3	8,6	10,7	230,6	154,4	90,2	M10

NEW

Models 2002-UB, 2007-UB, 2010-UB

Vertical Clamps



Model no.	Holding Capacity [N]	Bar Opening $\angle +10^\circ$	[kg]	Standard equipment	Flanged Washers
2002-UB	2.700	75°	0,22	215208-M	215105-M
2002-UB-LS				without spindle	215105-M
2007-UB	4.500	80°	0,54	2007208-M	507107-M
2007-UB-LS				without spindle	507107-M
2010-UB	6.200	80°	1,16	240208-M	235106-M
2010-UB-LS				without spindle	235106-M

See additional adjustment spindles beginning on page 10.1

- U-bar
- Straight base



Model no.	A	A1	A2	A3	B2	C	C1	C2	C3	ØD	F	H	L	L1	M
2002-UB	12,7	34,5	22,9	5,8	6,4	32,5	12,7	3,0	5,8	5,6	6,1	134,1	85,6	49,0	M6
2007-UB	19,1	49,3	31,8	8,6	6,4	42,7	19,1	4,1	8,6	7,1	8,4	201,7	125,2	73,2	M8
2010-UB	—	64,3	31,8	16,3	8,1	55,9	28,7	5,3	10,7	8,6	10,7	254,0	158,2	90,2	M10

Models 2002-UBR, 2007-UBR, 2010-UBR

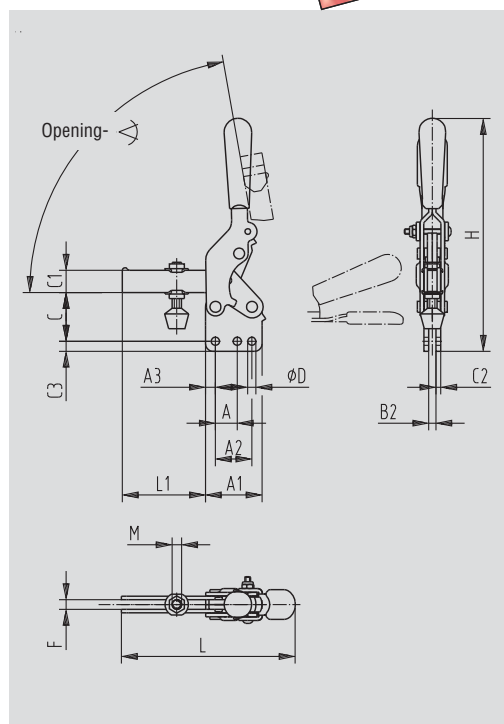
NEW

Model no.	Holding Capacity [N]	Bar Opening $\angle^{+10^\circ}$	 [kg]	 Standard equipment	 Flanged Washers
2002-UBR	2.700	75°	0,25	215208-M	215105-M
2002-UBR-LS				without spindle	215105-M
2007-UBR	4.500	80°	0,67	2007208-M	507107-M
2007-UBR-LS				without spindle	507107-M
2010-UBR	6.200	80°	1,44	240208-M	235106-M
2010-UBR-LS				without spindle	235106-M

See additional adjustment spindles beginning on page 10.1



- DE-STA-CO Toggle-Lock Plus
- U-bar
- Straight base

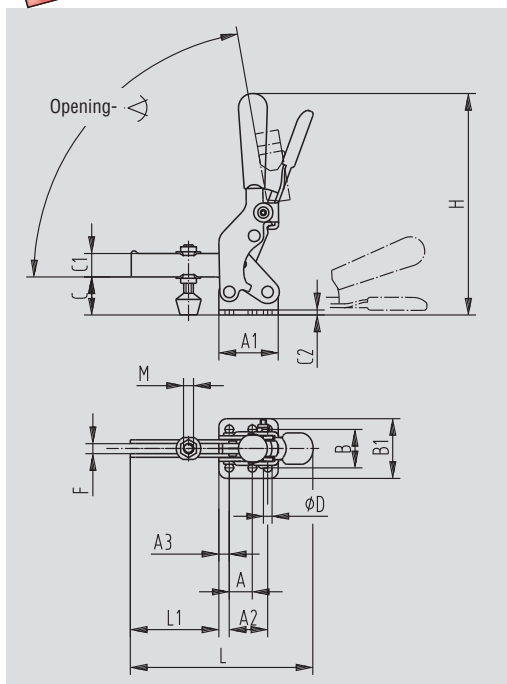


Model no.	A	A1	A2	A3	B2	C	C1	C2	C3	ØD	F	H	L	L1	M
2002-UBR	12,7	34,5	22,9	5,8	6,4	32,5	12,7	3,0	5,8	5,6	6,1	134,1	110,7	49,0	M6
2007-UBR	19,1	49,3	31,8	8,6	6,4	42,7	19,1	4,1	8,6	7,1	8,4	201,7	160,3	73,2	M8
2010-UBR	—	64,3	31,8	16,3	8,1	55,9	28,7	5,3	10,7	8,6	10,7	254,0	198,9	90,2	M10

NEW

Models 2002-UR, 2007-UR, 2010-UR

Vertical Clamps



Model no.	Holding Capacity [N]	Bar Opening $\angle +10^\circ$	[kg]	Standard equipment	Flanged Washers
2002-UR	2.700	75°	0,25	215208-M	215105-M
2002-UR-LS				without spindle	215105-M
2007-UR	4.500	80°	0,67	2007208-M	507107-M
2007-UR-LS				without spindle	507107-M
2010-UR	6.200	80°	1,44	240208-M	235106-M
2010-UR-LS				without spindle	235106-M

See additional adjustment spindles beginning on page 10.1

- DE-STA-CO Toggle-Lock Plus
- U-bar
- Flanged base



Model no.	A	A1	A2	A3	B	B1	C	C1	C2	ØD	F	H	L	L1	M
2002-UR	12,7	34,5	22,9	5,8	26,9	38,6	24,1	12,7	3,0	5,6	6,1	119,9	108,5	49,0	M6
2007-UR	19,1	49,3	31,8	8,6	31,8	49,3	31,8	19,1	4,1	7,1	8,4	182,1	165,4	73,2	M8
2010-UR	—	64,3	31,8	16,3	45,2	66,5	43,2	28,7	5,3	8,6	10,7	230,6	198,9	90,2	M10

Standard vertical clamps – flanged or straight base, solid bar

- Solid clamp bar
- Base flanged or straight

Application areas

Ideal for all sectors in which work is performed with holding capacities of up to 1,200 lbs. The heavy-duty clamping bar is highly suitable for adaptation to fixtures where it can be individually cut in lengths at a specific angle.



Applications include assembling, drilling, testing, gluing, and other processing operations. Suitable for use in welding fixtures and in gauge manufacturing, as well as in all sectors of the working industry.

Product features

- Torsion-protected, hardened bushings
- Rivets made of stainless steel
- Zinc plated
- Oil-resistant, ergonomically shaped DE-STA-CO handle grip
- Patented intermediate safety link

Accessories

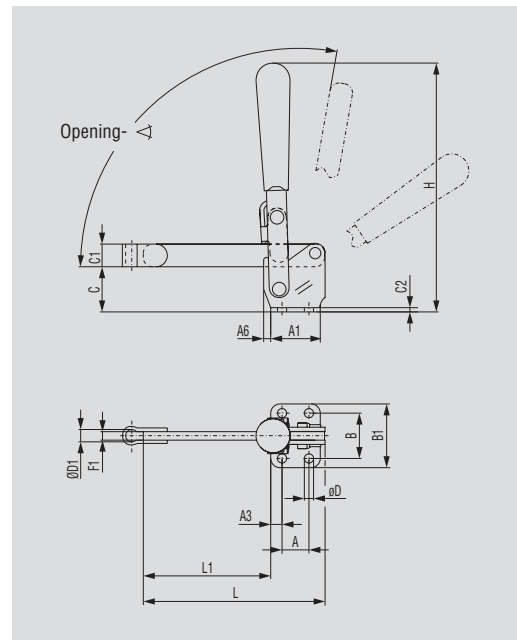
- Vertical clamps with solid bars are delivered with bolt retainers that can be welded to the clamping bar.

Models 202, 207-L, 207-S, 210-S, 247-S, 267-S

Model no.	Holding Capacity [N]	Bar Opening $\angle +10^\circ$	 [kg]	 Standard equipment	 Bolt Retainer
202	1.100	105°	0,17	202208-M	—
207-L	2.000	100°	0,38	without spindle	207105-M
207-S	2.000	100°	0,36	without spindle	207105-M
210-S	3.400	105°	0,6	without spindle	210114-M
247-S	4.500	120°	1,1	without spindle	247110-M
267-S	5.400	140°	2,2	without spindle	110122-M

ALSO AVAILABLE

As Air Hydraulic	Model 807-SE	Page 12.8
	Model 810-SE	Page 12.8
	Model 847-S	Page 12.8
As DE-STA-CO Toggle-Lock Plus	Model 207-LR	Page 2.26
	Model 210-SR	Page 2.26
See accessories beginning on page 10.1		

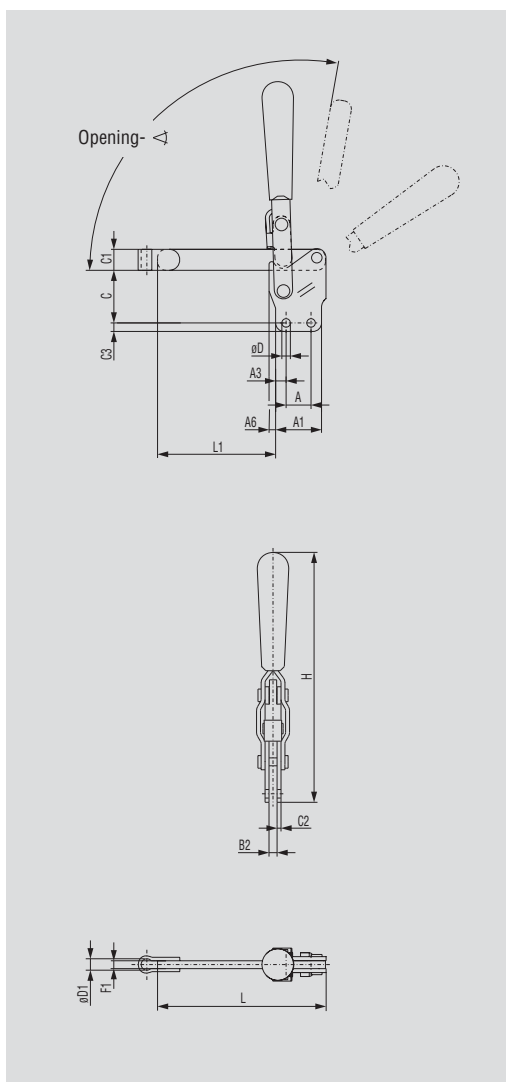


Model no.	A	A1	A3	A6	B	B1	C	C1	C2	ØD	ØD1	F	H	L	L1
202 ▲	12,7	25,4	6,4	—	26,9	39,9	23,6	9,4	3,0	5,6	6,1	6,1	109,7	58,7	33,3
207-L	19,1	35,1	7,9	3,8	31,8	43,9	32,0	16,0	3,0	7,1	8,6	6,4	176,0	128,5	88,4
207-S ▲	19,1	35,1	7,9	3,8	31,8	43,9	32,0	16,0	3,0	7,1	8,6	6,4	176,0	96,3	56,4
210-S	32,0	48,0	7,9	10,7	45,0	65,0	42,4	20,1	3,0	8,4	13,0	7,9	208,0	138,9	90,9
247-S ▲	32,0	50,8	9,4	11,9	45,2	64,0	50,3	22,1	4,8	8,9	14,5	9,7	225,0	178,3	124,2
267-S ▲	50,8	76,2	12,7	—	70,1	95,3	78,2	31,8	4,8	12,2	16,3	9,7	303,3	225,6	149,4

▲ Available upon request

Models 202-B, 207-LB, 207-SB, 210-SB, 247-SB

Vertical Clamps



Model no.	Holding Capacity [N]	Bar Opening $+10^\circ$	[kg]	Standard equipment	Bolt Retainer
202-B	1.100	105°	0,17	202208-M	—
207-LB	2.000	100°	0,38	without spindle	207105-M
207-SB	2.000	100°	0,36	without spindle	207105-M
210-SB	3.400	105°	0,6	without spindle	210114-M
247-SB	4.500	120°	1,1	without spindle	247110-M



ALSO AVAILABLE

As Stainless Steel	Model 202-SS	Page 8.4
As DE-STA-CO	Model 207-LBR	Page 2.26
Toggle-Lock Plus	Model 210-SBR	Page 2.26

See accessories beginning on page 10.1



Model no.	A	A1	A3	A6	B2	C	C1	C2	C3	ØD	ØD1	F1	H	L	L1						
202-B ▲	12,4	25,4	6,6	2,8	6,1	29,2	9,4	3,0	6,1	5,6	6,1	6,1	121,4	59,4	33,8						
207-LB	19,1	35,1	7,9	3,8	6,4	39,6	16,0	3,0	6,4	7,1	8,6	6,4	189,7	128,5	88,4						
207-SB ▲	19,1	35,1	7,9	3,8	6,4	39,6	16,0	3,0	6,4	7,1	8,6	6,4	189,7	96,3	56,4						
210-SB ▲	32,0	48,0	7,9	10,7	7,9	55,9	20,1	3,0	9,9	8,4	13,0	7,9	231,4	140,0	91,9						
247-SB ▲	32,0	50,8	9,4	11,9	9,7	59,2	22,1	4,8	9,4	8,9	14,5	9,7	243,3	178,3	122,4						

▲ Available upon request

Vertical clamps with DE-STA-CO Toggle-Lock Plus™

- Solid clamp bar
- Base flanged or straight

Application areas

The additional release lever holds the clamp in the opened and closed position. Unintentional opening and closing of the clamp is therefore impossible.

This clamp is preferred for more difficult clamping conditions, e.g. vibrating conditions, transporting of sensitive parts, and where the clamp arm is set at an angle to the base.

Product features

- Additional locking device for secure clamping
- Torsion-protected, hardened bushings
- Rivets made of stainless steel
- Zinc plated
- Oil-resistant, ergonomically shaped DE-STA-CO handle grip
- Patented intermediate safety link

Accessories

Vertical clamps with solid clamp bars are only delivered with bolt retainers that can be welded to the clamping bar.

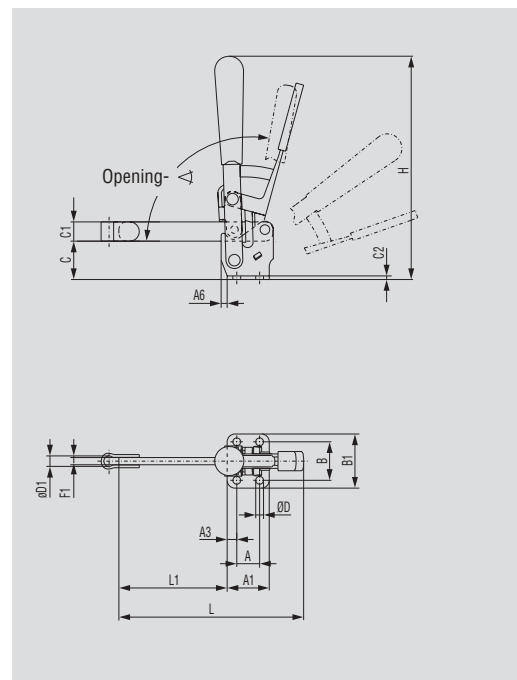
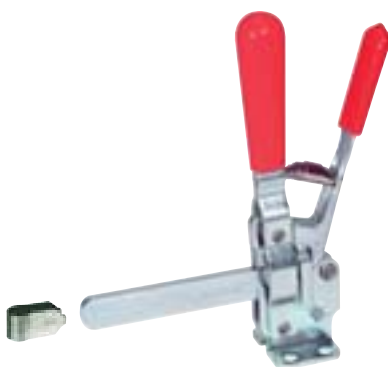
Safety instructions

To guarantee secure locking, the clamp must be adjusted to lock in the over-center position.

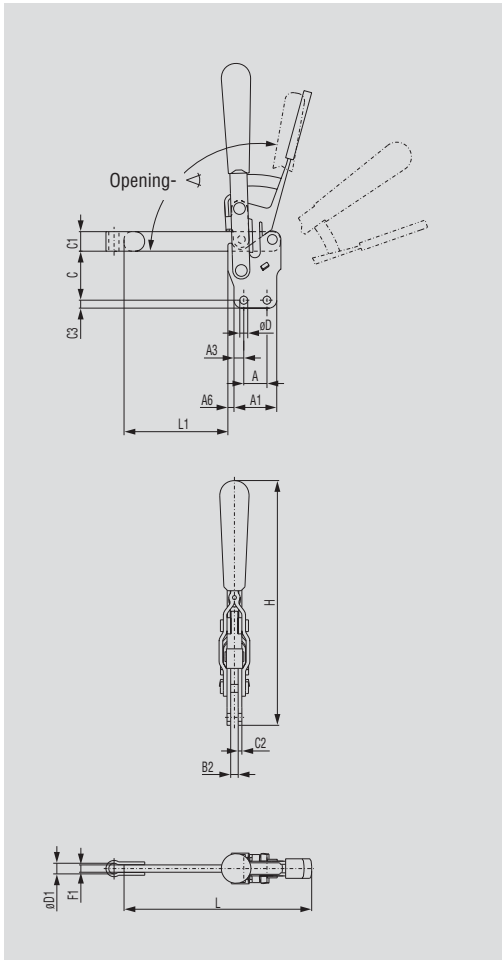
Models 207-LR, 210-SR

Model no.	Holding Capacity [N]	Bar Opening $\angle +10^\circ$	 [kg]	 Standard equipment	 Bolt Retainer
207-LR	2.000	100°	0,47	without spindle	207105-M
210-SR	3.400	105°	0,72	without spindle	210105-M

See additional adjustment spindles beginning on page 10.1



Model no.	A	A1	A3	A6	B	B1	C	C1	C2	ØD	ØD1	F1	H	L	L1					
207-LR	19,1	35,1	7,9	3,8	31,8	43,2	32,0	16,0	3,0	7,1	8,6	6,4	176,0	152,4	88,4					
210-SR	32,0	48,0	7,9	10,7	45,0	65,0	42,4	20,1	3,0	8,4	13,0	7,9	208,0	168,4	90,9					



Model no.	Holding Capacity [N]	Bar Opening $\angle +10^\circ$	[kg]	Standard equipment	Bolt Retainer
207-LBR	2.000	100°	0,47	without spindle	207105-M
210-SBR	3.400	105°	0,72	without spindle	210114-M

See additional adjustment spindles beginning on page 10.1



Model no.	A	A1	A3	A6	B2	C	C1	C2	C3	ØD	ØD1	F1	H	L	L1						
207-LBR	19,1	35,1	8,1	3,8	6,4	39,4	16,0	3,0	6,6	7,1	8,6	6,4	190,0	152,4	88,9						
210-SBR ▲	32,0	48,0	7,9	10,7	7,9	55,9	20,1	3,0	9,9	8,4	13,0	7,9	231,4	168,4	90,7						

▲ Available upon request

Models 202-T, 207-TS

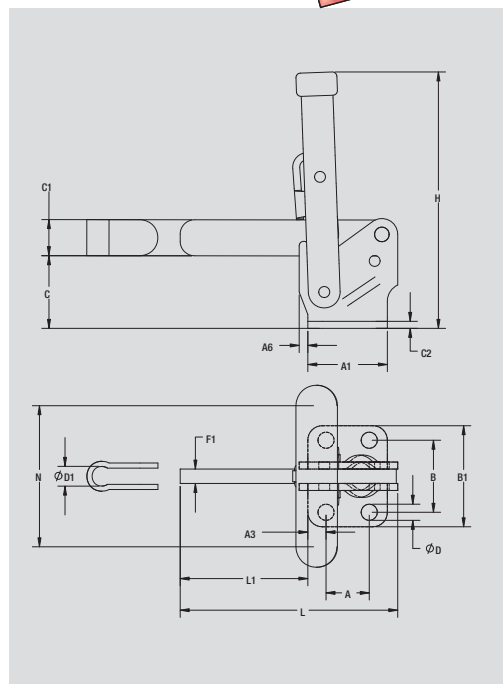
NEW

Model no.	Holding Capacity [N]	Bar Opening $+10^\circ$	 [kg]	 Standard equipment	 Bolt Retainer
202-T	1.100	105°	0,19	202208-M	—
207-TS	2.000	115°	0,39	without spindle	207105-M

See additional adjustment spindles beginning on page 10.1



- Solid clamping bar
- T-handle has shorter profile and can be operated from right or left hand side
- Flanged base



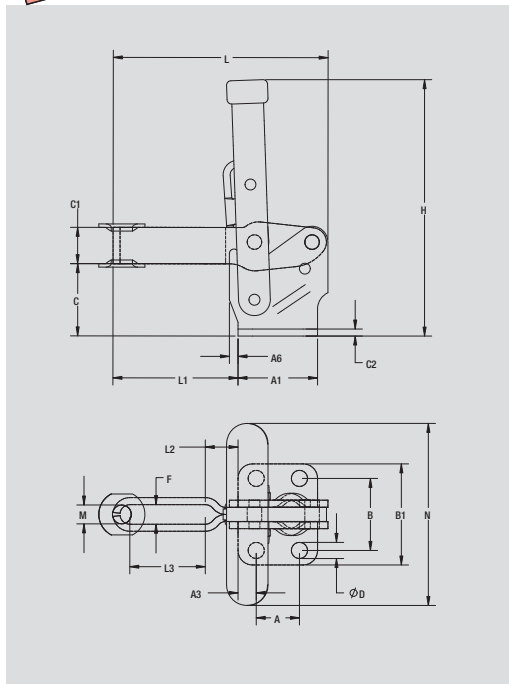
Model no.	A	A1	A3	A6	B	B1	C	C1	C2	ØD	F	H	L	L1	M	N					
202-T ▲	12,7	25,4	6,4	—	26,9	39,9	23,6	9,4	3,0	5,6	6,1	72,1	58,7	33,3	M6	87,9					
207-TS ▲	19,1	35,1	7,9	3,8	31,8	43,9	32,0	16,0	3,0	7,1	6,4	111,0	96,3	56,4	M8	76,2					

▲ Available upon request

NEW

Models 201-TU, 202-TU, 207-TU, 207-TUL, 210-TU

Vertical Clamps



Model no.	Holding Capacity [N]	Bar Opening $\angle +10^\circ$	[kg]	Standard equipment	Flanged Washers
201-TU	450	110°	0,09	305208-M	102111-M
202-TU	1.100	105°	0,19	202208-M	215105-M
207-TU	1.700	115°	0,39	without spindle	507107-M
207-TUL	1.700	115°	0,39	without spindle	507107-M
210-TU	2.800	105°	0,72	without spindle	235106-M

See additional adjustment spindles beginning on page 10.1

- U-bar
- T-handle
- Flanged base



Model no.	A	A1	A3	A6	B	B1	C	C1	C2	ØD	F	H	L	L1	L2	L3	M	N			
201-TU ▲	16,0	25,4	4,8	—	23,9	34,0	16,0	7,9	2,0	4,3	5,3	58,7	51,3	25,7	2,5	18,5	M5	48,8			
202-TU ▲	12,7	25,4	6,4	—	26,9	39,9	23,9	9,7	3,0	5,6	7,1	72,1	69,3	43,9	12,7	25,1	M6	87,9			
207-TU ▲	19,1	35,1	7,9	3,8	31,8	43,9	31,8	16,0	3,0	7,1	8,4	111,0	94,5	54,4	14,2	33,0	M8	76,2			
207-TUL ▲	19,1	35,1	7,9	3,8	31,8	43,9	31,8	16,0	3,0	7,1	8,6	110,7	137,9	98,0	14,5	76,2	M8	76,2			
210-TU ▲	31,8	48,5	8,4	—	45,5	64,3	42,4	20,1	3,0	8,4	10,2	138,2	140,5	91,9	23,4	59,7	M10	152,9			

▲ Available upon request

Standard vertical clamps

- U-shaped clamping bar
- Flanged base

Application areas

Ideal for all areas in which work is performed with holding capacities of up to 5.400 N. For example, assembling, drilling, testing, gluing, and other processing operations. Suitable for use in welding fixtures and in checking fixtures, as well as in all sectors of the woodworking industry.



Product features

- Torsion-protected, hardened bushings in models with a holding capacity greater than 1.700 N.
- Rivets made of stainless steel
- Zinc plated
- Oil-resistant, ergonomically shaped DE-STA-CO handle grip
- Patented intermediate safety link

Accessories

Vertical clamps with a U-shaped clamping bar can be ordered in two varieties:

- Standard model number: The matching standard adjustment spindle is included.
- Model number contains the addition “-LS”: The model is delivered with two flange washers without an adjustment spindle.

Models 201-U, 202-U, 202-UL, 207-U, 207-UL, 210-U, 247-U, 267-U

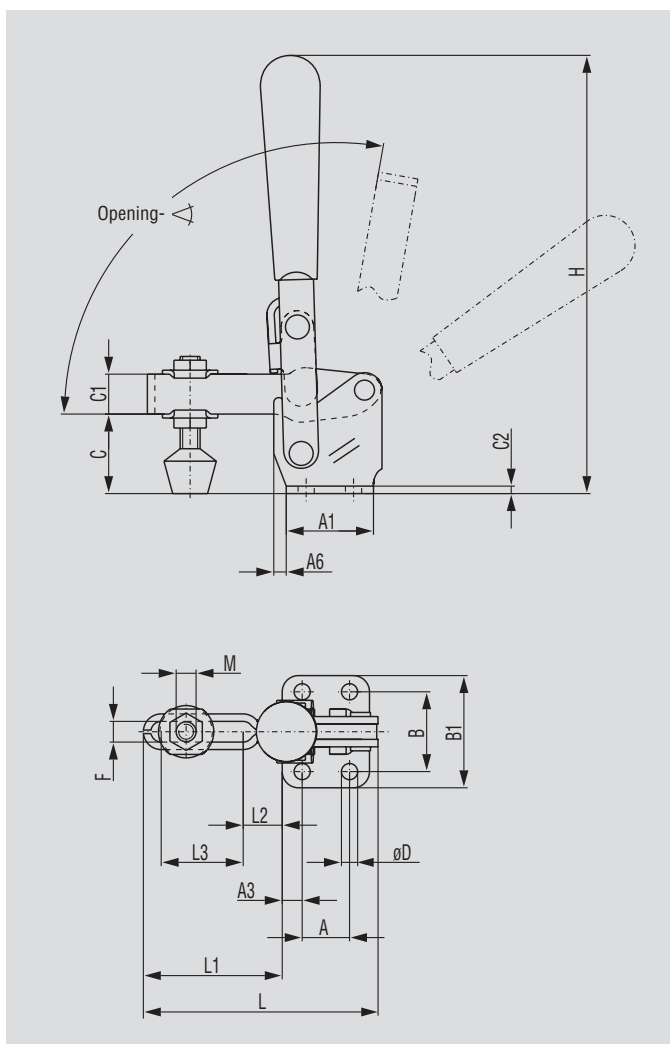
Model no.	Holding Capacity [N]	Bar Opening +10°	[kg]	Standard equipment	Flanged Washers
201-U	450	105°	0,055	305208-M	102111-M
201-U-LS				without spindle	102111-M
202-U	1.100	105°	0,16	202208-M	215105-M
202-U-LS				without spindle	215105-M
202-UL	1.100	105°	0,18	202208-M	215105-M
207-U	1.700	100°	0,38	225208-M	507107-M
207-U-LS				without spindle	507107-M
207-UL	1.700	100°	0,4	225208-M	507107-M
210-U	2.800	105°	0,6	240208-M	235106-M
210-U-LS				without spindle	235106-M
247-U	3.600	120°	1,1	247208-M	247109-M
247-U-LS				without spindle	247109-M
267-U	5.400	140°	2,2	267203-M	267102-M
267-U-LS				without spindle	267102-M

ALSO AVAILABLE

As Air Hydraulic	Model 807-UE	Page 12.7
	Model 810-UE	Page 12.7
	Model 812-UM	Page 12.7
	Model 847-U	Page 12.7
As Stainless Steel	Model 201-USS	Page 8.3
	Model 202-USS	Page 8.3
	Model 207-USS	Page 8.3
	Model 210-USS	Page 8.3
As DE-STA-CO Toggle-Lock Plus	Model 207-UR	Page 2.34
	Model 210-UR	Page 2.34
See accessories beginning on page 10.1		

Models 201-U, 202-U, 202-UL, 207-U, 207-UL, 210-U, 247-U, 267-U

Vertical Clamps



Several Model 201-U clamps, with hex-head spindles, are used to secure a guide in a bottle capping application.

	Model no.	A	A1	A3	A6	B	B1	C	C1	C2	ØD	F	H	L	L1	L2	L3	M				
	201-U	16,0	25,4	4,8	-	23,9	34,0	16,0	7,9	2,0	4,3	5,3	78,2	51,8	26,2	3,3	18,5	M5				
	202-U	12,4	25,4	6,6	2,8	26,7	39,1	23,4	9,7	3,0	5,6	6,6	110,0	69,6	43,9	13,0	24,9	M6				
	202-UL ▲	12,4	25,4	6,6	2,8	26,7	39,1	23,4	9,7	3,0	5,6	5,8	110,0	83,6	58,2	13,2	38,9	M6				
	207-U	19,1	35,1	7,9	3,8	31,5	43,9	31,8	16,0	3,0	7,1	8,4	176,0	94,5	54,4	14,2	33,0	M8				
	207-UL ▲	19,1	35,1	7,9	3,8	31,8	44,5	31,8	16,0	3,0	7,1	8,4	175,0	137,4	97,8	12,7	69,9	M8				
	210-U	31,8	48,5	7,9	10,7	45,2	64,3	42,4	20,1	3,0	8,4	10,2	207,0	140,7	92,2	23,9	61,0	M10				
	247-U	31,8	50,8	9,4	11,9	45,2	64,3	50,8	21,1	4,8	8,6	13,5	220,7	174,5	123,7	34,5	77,7	M12				
	267-U	50,8	76,2	12,4	-	69,9	95,3	78,2	32,0	4,8	12,2	16,5	301,8	226,6	150,4	36,6	101,6	M16				

▲ Available upon request

Standard vertical clamps

- U-shaped clamping bar
- Straight base

Application areas

Ideal for all sectors in which work is performed with holding capacities of up to 5.400 N, including assembling, drilling, testing, gluing, and other processing operations. Suitable for use in welding fixtures and in checking fixtures, as well as in all sectors of the woodworking industry.



Product features

- Torsion-protected, hardened bushings in models with a holding force greater than 1.700 N.
- Rivets made of stainless steel
- Zinc plated
- Oil-resistant, ergonomically shaped DE-STA-CO handle grip
- Patented intermediate safety link

Accessories

Vertical clamps with a U-shaped clamping bar can be ordered in two varieties:

- Standard model number: The matching standard adjustment spindle is included.
- Model number contains the addition “-LS”: The model is delivered with two flange washers without an adjustment spindle.

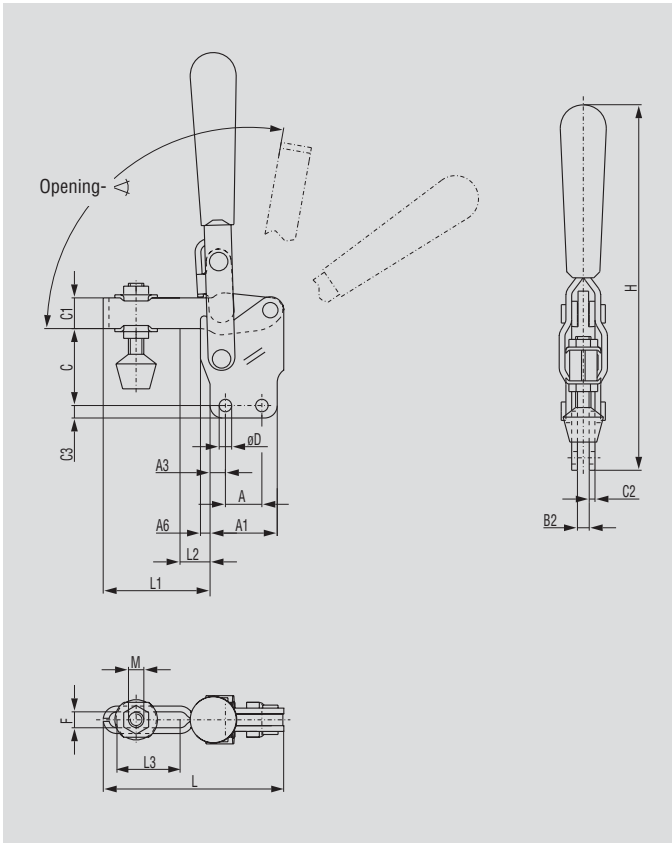
Models 201-UB, 202-UB, 207-UB, 207-ULB, 210-UB, 247-UB

Model no.	Holding Capacity [N]	Bar Opening  °	 [kg]	 Standard equipment	 Flanged Washers
201-UB	450	105°	0,055	305208-M	102111-M
201-UB-LS				without spindle	102111-M
202-UB	1.100	105°	0,16	202208-M	215105-M
202-UB-LS				without spindle	215105-M
207-UB	1.700	100°	0,38	225208-M	507107-M
207-UB-LS				without spindle	507107-M
207-ULB	1.700	100°	0,4	225208-M	507107-M
207-ULB-LS				without spindle	507107-M
210-UB	2.800	105°	0,6	240208-M	235106-M
210-UB-LS				without spindle	235106-M
247-UB	3.600	120°	1,1	247208-M	247109-M
247-UB-LS				without spindle	247109-M

ALSO AVAILABLE

As DE-STA-CO	Model 207-UBR	Page 2.35
Toggle-Lock Plus	Model 210-UBR	Page 2.35

See accessories beginning on page 10.1



Model no.	A	A1	A3	A6	B2	C	C1	C2	C3	ØD	F	H	L	L1	L2	L3	M				
201-UB ▲	16,0	25,4	4,8	—	4,1	22,4	7,9	2,0	2,0	4,3	5,3	79,5	51,3	25,9	3,3	18,5	M5				
202-UB	12,7	25,4	6,6	—	6,4	28,7	9,7	3,0	3,0	5,6	6,4	111,8	69,3	43,9	13,0	24,9	M6				
207-UB	19,1	35,1	7,9	3,8	6,4	39,4	16,0	2,8	2,8	7,1	8,4	190,0	93,5	54,6	12,7	33,0	M8				
207-ULB ▲	19,1	35,1	7,9	3,8	6,4	39,4	16,0	2,8	2,8	7,1	8,4	190,0	137,4	97,8	12,7	69,9	M8				
210-UB	31,8	48,5	7,9	10,7	7,9	55,6	20,1	2,8	2,8	8,4	10,2	207,3	140,7	92,2	23,9	61,0	M10				
247-UB ▲	31,8	50,8	9,4	11,9	9,7	57,2	21,1	4,8	4,8	8,6	13,5	227,1	174,5	123,7	34,5	77,7	M12				
▲ Available upon request																					

Vertical clamps with DE-STA-CO Toggle-Lock Plus

- U-shaped clamping bar
- Flanged or straight base

Application areas

The additional release lever holds the clamp in the opened and closed position. Unintentional opening and closing of the clamp is therefore impossible.

This clamp is preferred for more difficult clamping conditions, e.g. vibrating conditions, transporting of sensitive parts, and where the clamp bar is set at an angle to the base.

Product features

- Additional locking device for secure clamping
- Torsion-protected, hardened bushings
- Rivets made of stainless steel

- Zinc plated
- Oil-resistant, ergonomically shaped DE-STA-CO handle grip
- Patented intermediate safety link

Accessories

Vertical clamps with a U-shaped clamping bar can be ordered in two varieties:

- Standard model number: The matching standard adjustment spindle is included.
- Model number contains the addition “-LS”: The model is delivered with two flange washers without an adjustment spindle.

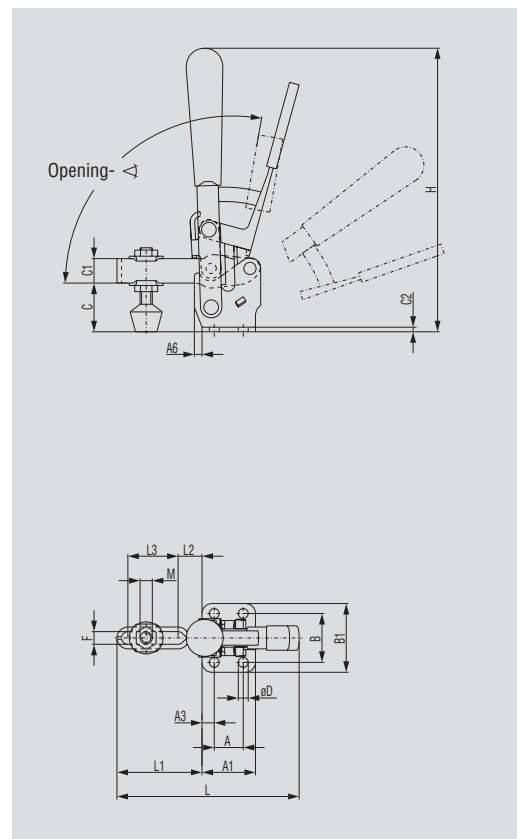
Safety instructions

To guarantee secure locking, the clamp must be adjusted to lock in the over-center position.

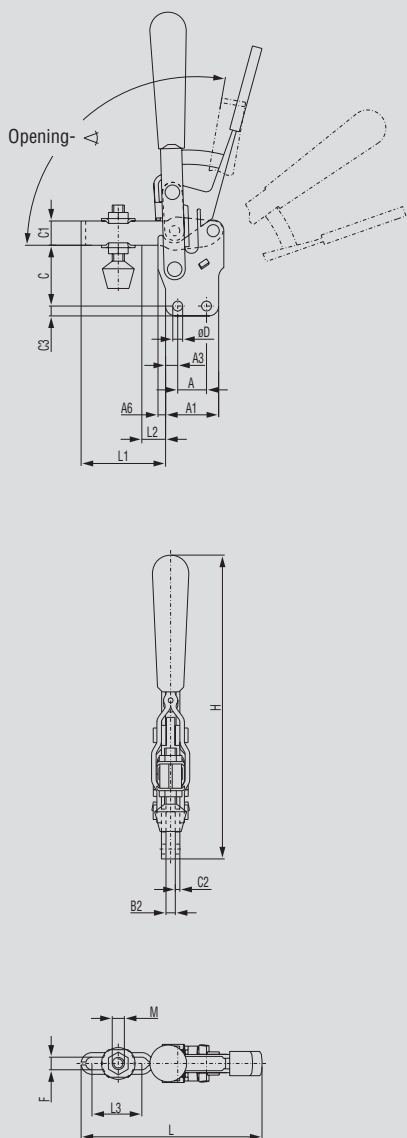
Models 207-UR, 210-UR

Model no.	Holding Capacity [N]	Bar Opening $\angle \pm 10^\circ$	 [kg]	 Standard equipment	 Flanged Washers
207-UR	1.700	100°	0,47	225208-M	507107-M
207-UR-LS	1.700	—	—	without spindle	507107-M
210-UR	2.800	105°	0,72	240208-M	235106-M
210-UR-LS	2.800	—	—	without spindle	235106-M

See additional adjustment spindles beginning on page 10.1



Model no.	A	A1	A3	A6	B	B1	C	C1	C2	ØD	F	H	L	L1	L2	L3	M				
207-UR	19,1	35,1	7,9	3,8	31,8	43,2	31,8	16,0	3,0	7,1	8,4	175,3	116,3	53,1	12,7	33,0	M8				
210-UR	31,8	48,0	7,9	10,7	44,5	63,5	42,7	20,1	3,0	8,4	6,4	207,0	170,7	93,0	23,9	61,2	M10				



Model no.	Holding Capacity [N]	Bar Opening $\angle +10^\circ$	 [kg]	 Standard equipment	 Flanged Washers
207-UBR	1.700	100°	0,47	225208-M	507107-M
207-UBR-LS	1.700	—	—	without spindle	507107-M
210-UBR	2.800	105°	0,72	240208-M	235106-M
210-UBR-LS	2.800	—	—	without spindle	235106-M
See additional adjustment spindles beginning on page 10.1					



Model no.	A	A1	A3	A6	B2	C	C1	C2	C3	ØD	F	H	L	L1	L2	L3	M				
207-UBR	19,1	35,1	7,9	3,8	6,1	39,6	16,0	3,0	6,4	7,1	8,4	189,0	116,3	53,1	12,7	33,0	M8				
210-UBR ▲	31,8	48,0	7,9	10,7	7,9	55,9	20,1	3,0	9,9	8,4	6,4	229,6	170,7	93,0	23,9	61,2	M10				

▲ Available upon request

Model 229

NEW**Applications areas**

Featuring a unique cam action, these clamps will hold workpieces of inconsistent height. Ideal for castings or forgings, these models – once set for the nominal or average piece height – allow for a deviation larger or smaller than average.

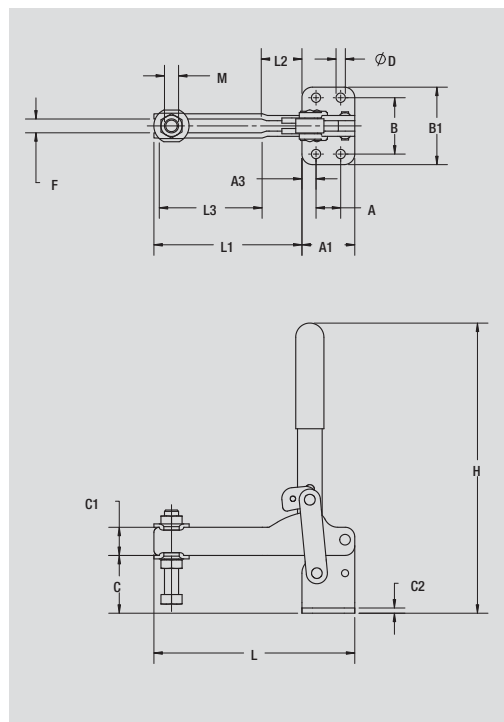
Model 229 has an overall clamping range of 8 mm and accommodates any M12 spindle.

Product features

- Torsion-protected, hardened bushings in models with a holding force greater than 4.500 N.
- Rivets made of stainless steel
- Zinc plated
- Oil-resistant, ergonomically shaped DE-STA-CO handle grip

Model no.	Holding Capacity [N]	Bar Opening $\pm 10^\circ$	 [kg]	 Standard equipment	 Flanged Washers
229	4.500	115°	0,92	229203	247109-M

See additional adjustment spindles beginning on page 10.1



Model no.	A	A1	A3	B	B1	C	C1	C2	ØD	F	H	L	L1	L2	L3	M				
229 ▲	22,4	47,8	12,7	50,8	69,9	52,1	25,4	4,8	8,4	12,4	261,6	181,1	133,6	36,8	96,8	M10				

▲ Available upon request

Heavy-duty vertical clamps

Applications areas

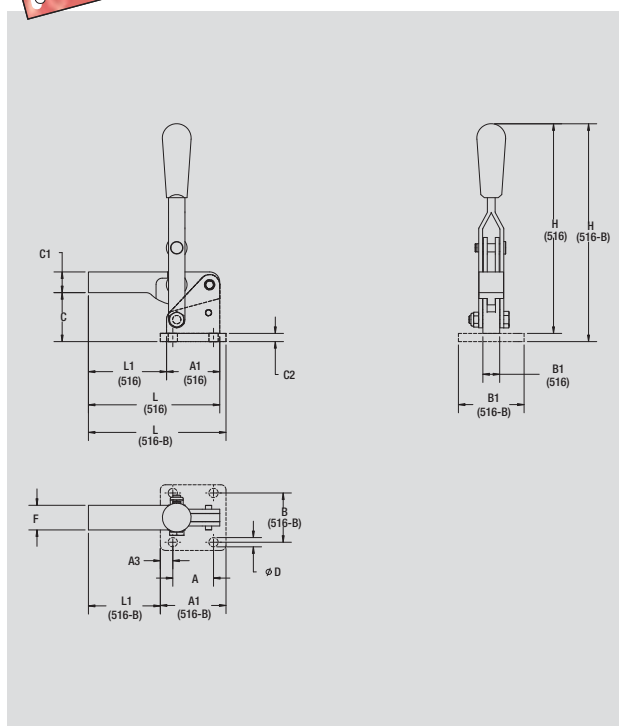
This series of models is extremely robust. Heavy-duty clamping tasks are easily fulfilled and rough handling is not a problem for this series. The heavy-duty vertical clamps are therefore especially suitable for welding and milling applications, for locking foam molds and similar severe clamping applications. The heavy-duty clamping bar can be shortened, welded to or have holes drilled to suit the application.

Product features

- Hardened, polished bushings
- Parts drop forged
- Oil-resistant, ergonomically shaped DE-STA-CO handle grip

NEW

Models 516, 516-B



Model no.	Holding Capacity [N]	Bar Opening $\angle^{+10^\circ}$	[kg]	Standard equipment
516	3.300	122°	0,66	without spindle
516-B	3.300	122°	0,89	without spindle

See additional adjustment spindles beginning on page 10.1

ALSO AVAILABLE

Als As Air Hydraulic Model 846 Page 12.12

- Solid clamping bar
- Flanged base
- Straight base



Model no.	A	A1	A3	B	B1	C	C1	C2	ØD	F	H	L	L1						
516 ▲	—	41,1	—	—	13,0	31,5	16,0	—	—	19,1	162,1	101,6	60,5						
516-B ▲	31,5	50,8	9,7	38,1	50,8	37,8	16,0	6,4	7,1	19,1	168,4	106,4	55,6						

▲ Available upon request

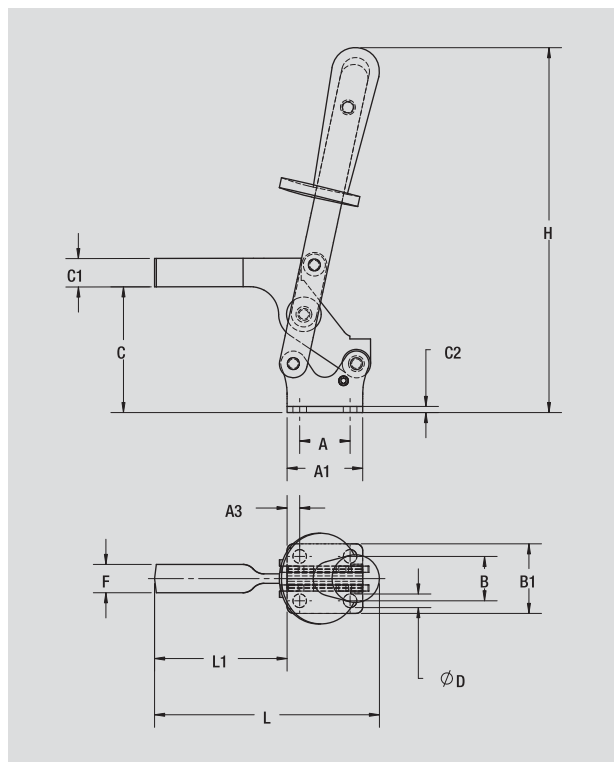
Model 518

NEW

Applications areas

This model features a forged hold-down bar and improved ergonomic grip with handle stop built in. The forged hold-down bar can be cut or welded to suit the user's fixture. One of the major features of this clamp is the greater clearance under the bar. Due to the bar design, there is twice the normal clearance in this size clamp.

Model no.	Holding Capacity [N]	Bar Opening  +10°	 [kg]	 Standard equipment
518	2.200	90°	0,43	without spindle



Model no.	A	A1	A3	B	B1	C	C1	C2	ØD	F	H	L	L1						
518 ▲	25,4	38,1	6,4	22,4	35,1	63,5	14,2	3,0	6,9	14,2	184,4	110,0	66,8						

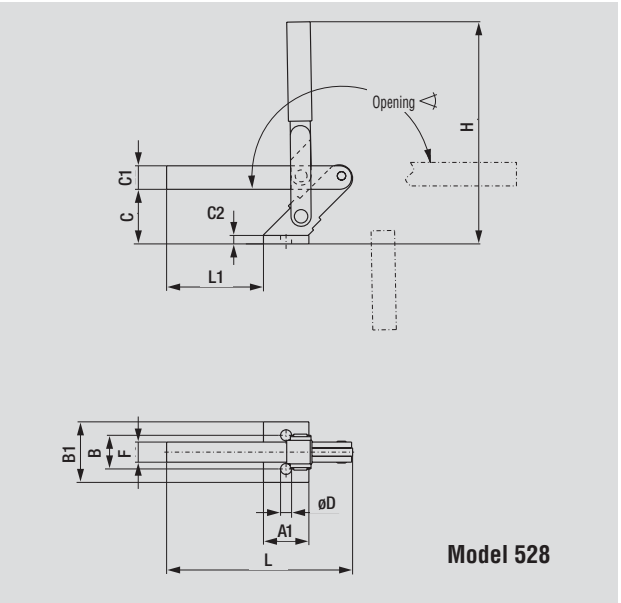
▲ Available upon request

Applications areas

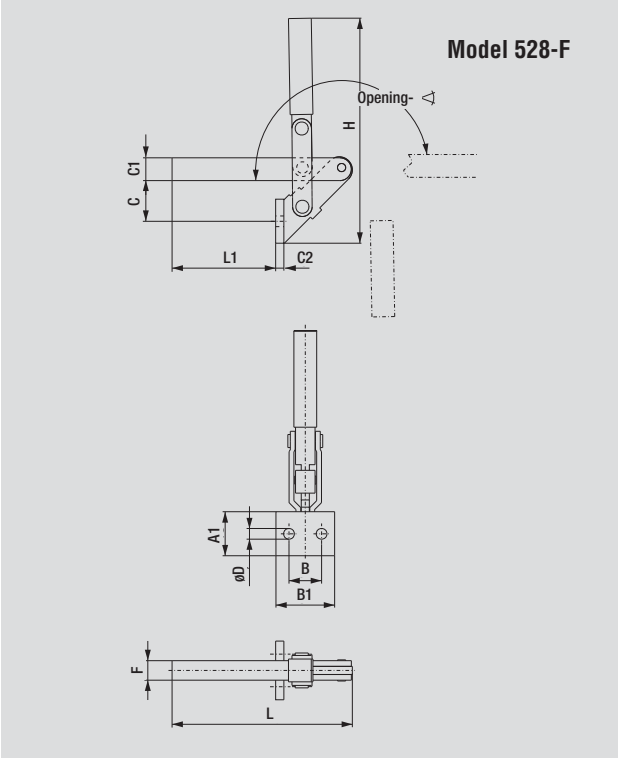
For tough, heavy-duty, workholding. Clamps have square cold-drawn steel hold-down bars. Pivot points have serrated, hardened bushings. Models 527 and 528 are supplied with flanged base. Also available with front mounting base as Model 527-F. Models 528 and 528-F are vertical handle variations of Models 527 and 527-F. All models provided with red handle grip. Hold-down bars can be machined to meet the application requirements.

Product features

- Hardened, polished bushings
- Parts drop forged, burnished
- Ergonomic plastic grip



Model 528



Model 528-F

Model no.	Holding Capacity [N]	Bar Opening °	[kg]	Standard equipment
528	4.500	180°	1,14	without spindle
528-F	4.500	180°	1,14	without spindle

- Solid bar
- Flanged base
- Base for front mounting



Model 528



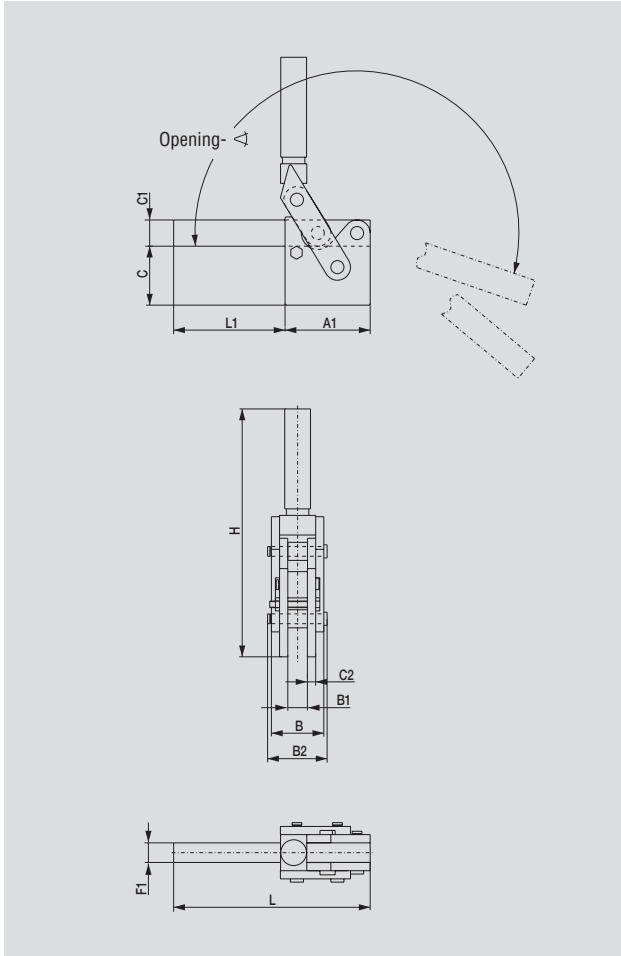
Model 528-F

Model no.	A1	B	B1	C	C1	C2	ØD	F	H	L	L1									
528	45,0	31,8	57,2	52,3	22,1	6,1	10,4	19,1	219,7	175,8	86,4									
528-F ▲	45,0	31,8	57,2	45,0	22,1	6,1	10,4	19,1	233,2	175,8	100,1									

▲ Available upon request

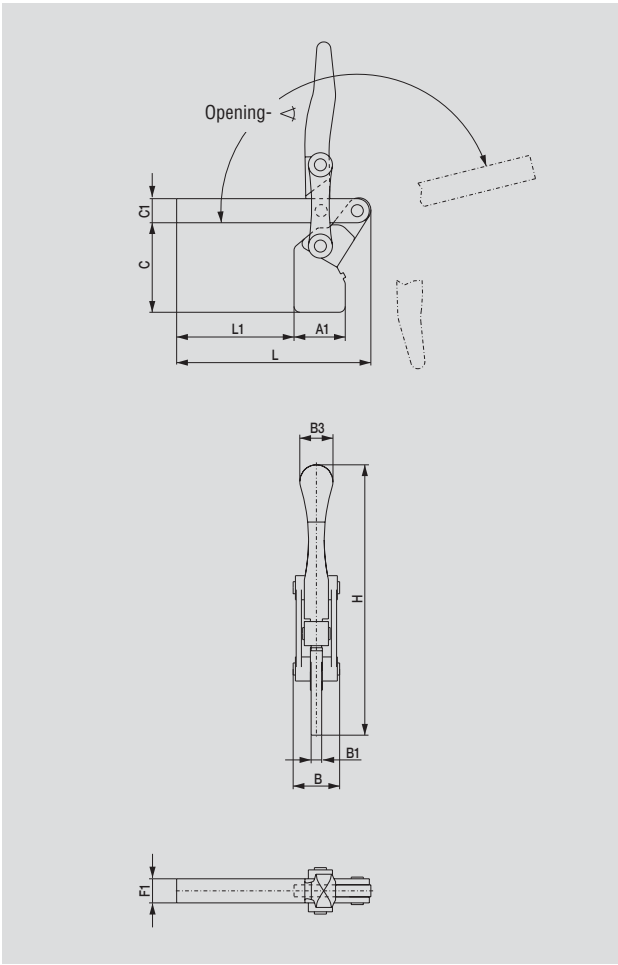
Models 548, 578, 588

Model no.	Holding Capacity [N]	Bar Opening $\angle +10^\circ$	 [kg]	 Standard equipment
548	11.000	200°	2,3	without spindle
578	18.000	200°	4,1	without spindle
588	27.000	200°	6,7	without spindle



Model no.	A1	B	B1	B2	C	C1	C2	F1	H	L	L1								
548	82,6	51,1	19,1	57,4	56,9	25,4	7,9	19,1	240,0	190,5	108,0								
578 ▲	102,1	60,5	22,1	68,6	70,9	32,0	9,4	22,1	280,4	218,9	117,1								
588 ▲	127,0	70,1	25,4	78,0	83,6	38,1	10,9	25,4	326,9	247,7	120,7								

▲ Available upon request



Model no.	Holding Capacity [N]	Bar Opening  +18°	 [kg]	 Standard equipment
558	11.000	165°	2,3	without spindle

ALSO AVAILABLE		
Als As Air Hydraulic	Model 858-E	Page 12.13
See accessories beginning on page 10.1		



Model no.	A1	B	B1	B3	C	C1	F1	H	L	L1									
558 ▲	54,1	49,3	11,2	35,1	96,3	25,4	25,4	283,7	203,2	124,7									
▲ Available upon request																			

Heavy-duty vertical clamps

- Heavy-duty clamping bar
- Flanged or straight bases with standard hole pattern

Application areas

This series of models is extremely robust. Heavy-duty clamping tasks are easily fulfilled and rough handling is not a problem for this series. The heavy-duty vertical clamps are especially suitable for welding and milling applications, for locking foam molds and similar severe clamping applications. The heavy-duty clamping bar can be shortened, welded to or have holes drilled to suit the application.

Product features

- Hardened, polished bushings
- Hardened, polished bolts
- Parts drop-forged
- Adjustable bar guide
- Oil-resistant, ergonomically shaped DE-STA-CO handle grip

Models 533-L, 535-L

Model no.	Holding Capacity [N]	Bar Opening $\angle +10^\circ$	 [kg]	 Bolt retainer
533-L	7.000	120°	1,00	533108-M
535-L	10.000	120°	1,85	535108-M

See additional adjustment spindles beginning on page 10.1

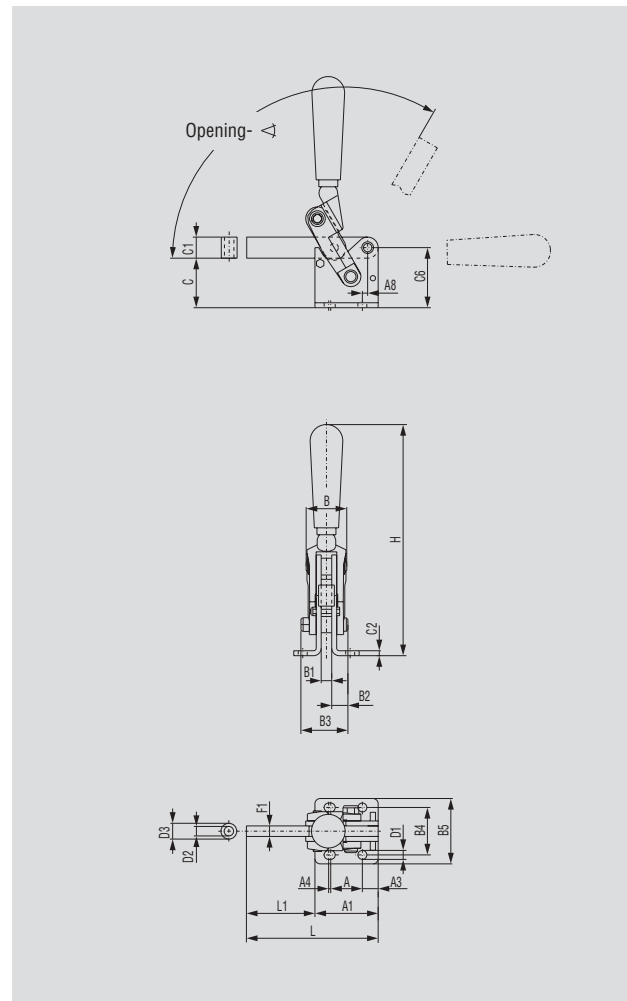


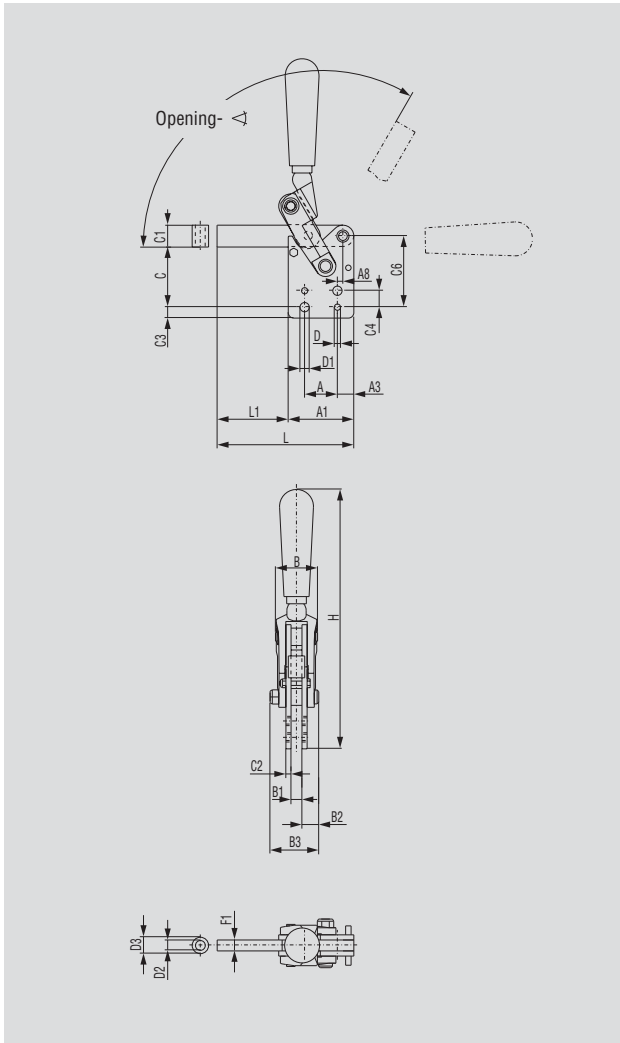
Model no.	A	A1	A3	A4	A8	B	B1	B2	B3
533-L	30,0	59,9	15,0	2,0	5,1	38,6	9,9	17,5	44,5
535-L ▲	45,0	74,9	15,0	–	4,6	48,0	11,9	22,6	54,1

▲ Available upon request

Model no.	B4	B5	C	C1	C2	C6	ØD1	ØD2	ØD3	F1	H	L	L1						
533-L	45,0	62,0	47,2	20,1	4,8	56,9	8,4	8,9	15,0	9,9	218,4	125,0	65,0						
535-L ▲	52,1	72,9	66,8	24,9	4,8	79,5	10,4	10,9	20,1	11,9	262,9	160,0	85,1						

▲ Available upon request





Model no.	Holding Capacity [N]	Bar Opening $\angle +10^\circ$	 [kg]	 Bolt retainer
533-LB	7.000	120°	1,00	533108-M
535-LB	10.000	120°	1,85	535108-M

See additional adjustment spindles beginning on page 10.1



Model no.	A	A1	A3	A4	A8	B1	B2	B3	C
533-LB	30,0	59,9	15,0	5,1	38,6	9,9	15,5	44,5	55,1
535-LB	45,0	74,9	15,0	2,5	48,0	11,9	19,6	54,1	74,9

Model no.	C1	C2	C3	C4	C6	ØD	ØD1	ØD2	ØD3	F1	H	L	L1						
533-LB	20,1	4,8	9,9	15,0	65,0	5,6	8,4	8,9	15,0	9,9	236,5	125,0	65,0						
535-LB	24,9	4,8	15,0	20,1	87,4	7,6	10,4	10,9	20,1	11,9	286,0	160,0	85,1						

Vertical clamps in modular design

- Weldable clamping bar
- Handle accessory can be welded in place
- Base plate
- Swivel base version or mounting plate accessory available
- LSC version with locking spring for securing the open position

Application areas

This clamp can be modified to suit the requirements of your fixture. The clamp bar, handles and base plates are welded onto the basic clamp linkage. This series of models is especially robust and precise due to its manufacturing process. These highly flexible vertical handle clamps are therefore especially suitable for welding operations in the automobile manufacturing sector, for milling operations, for locking foam molds and containers, and for all applications in which precision and high forces are required.

Product features

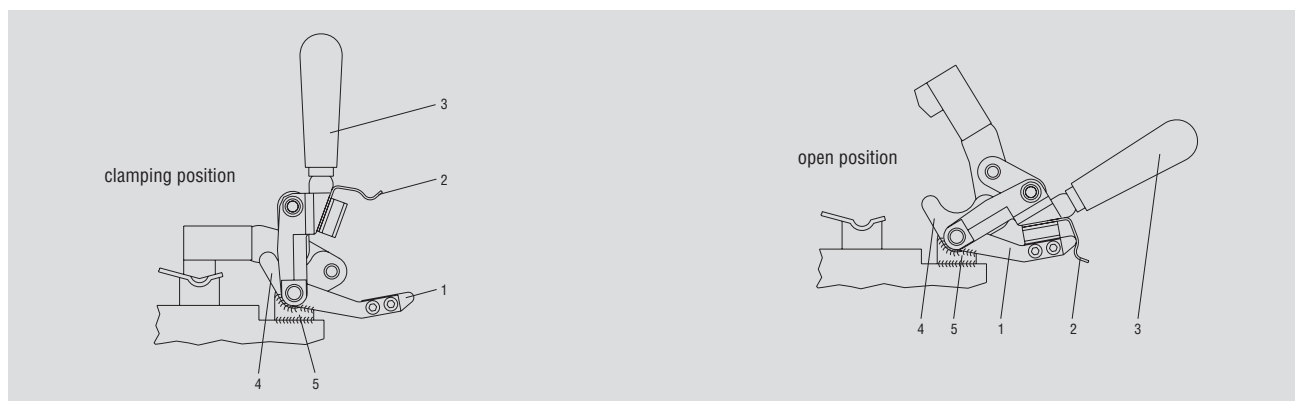
- Hardened, polished bushings
- Hardened, polished bolts
- Parts drop-forged
- Adjustable clamping bar opening angle on LSC versions

Model number code

5 03-MB LSC

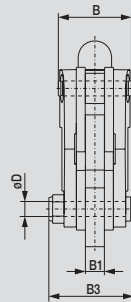
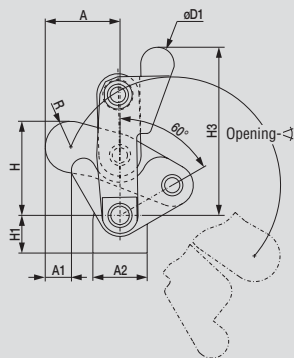
- Locking hold-open device
- Base option
 - B = swivel mounting base
 - MB = swivel mounting base
 - MLB = mounting plate
- Design/size
- Heavy-duty vertical clamp in modular design

Model 505-MLB in a robot-type welding fixture

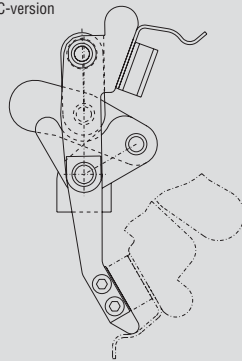


Patented hold-open device

1. Mount and close the clamp
2. Weld guide links ④ to the base ⑤
3. Weld the base ⑤ to the fixture
4. Lock the hold-open arm ① in the leaf spring ②
5. Set the clamp in the desired opening position
6. Maintain this position and weld the hold-open arm ① to the side of the clamp ④



LSC-version



Model no.	Holding Capacity [N]	Bar Opening $\angle$ $\pm 10^\circ$	 [kg]	
501-B	2.500	200°	0,18	
503-MB	7.000	200°	0,7	
503-MBLSC	7.000	200°	0,8	
505-MB	11.000	200°	1,4	
505-MBLSC	11.000	200°	1,5	
506-MB	22.500	200°	2,6	
506-MBLSC	22.500	200°	2,8	
Mat. C22				

Model 503-MB



Model 503-MBLSC



Model no.	A	A1	A2	B	B1	B3	ØD	ØD1	H	H1	H3	R								
501-B ▲	31,2	14,2	19,1	20,1	6,4	27,7	4,8	12,7	28,7	20,1	55,1	9,4								
503-MB	37,6	13,5	28,4	38,6	9,9	44,5	7,9	17,5	49,8	20,1	89,2	13,5								
503-MBLSC ▲	37,6	13,5	28,4	38,6	9,9	44,5	7,9	17,5	49,8	20,1	89,2	13,5								
505-MB	54,9	25,1	35,1	48,0	12,2	55,9	9,4	22,1	70,9	27,9	110,2	18,3								
505-MBLSC ▲	54,9	25,1	35,1	48,0	12,2	55,9	9,4	22,1	70,9	27,9	110,2	18,3								
506-MB ▲	70,1	32,3	51,1	59,9	16,0	67,1	12,7	28,7	87,9	33,0	135,4	21,6								
506-MBLSC ▲	70,1	32,3	51,1	59,9	16,0	67,1	12,7	28,7	87,9	33,0	135,4	21,6								

▲ Available upon request

Models 501, 503, 505, 506

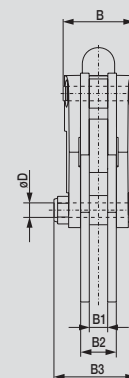
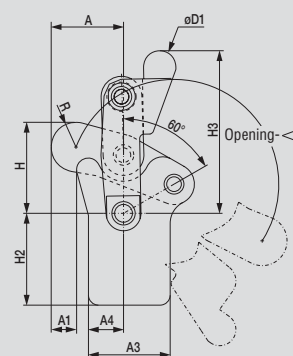
Model no.	Holding Capacity [N]	Bar Opening $\angle +10^\circ$	 [kg]	
501-LB	2.500	200°	0,2	
503-MLB	7.000	192°	0,8	
503-MLBLSC	7.000	140°	0,9	
505-MLB	11.000	200°	1,5	
505-MLBLSC	11.000	160°	1,6	
506-MLB	22.500	200°	2,8	
506-MLBLSC	22.500	200°	3,0	



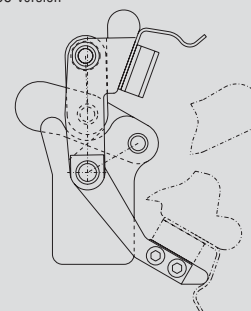
Model 503-MB



Model 503-MBLSC

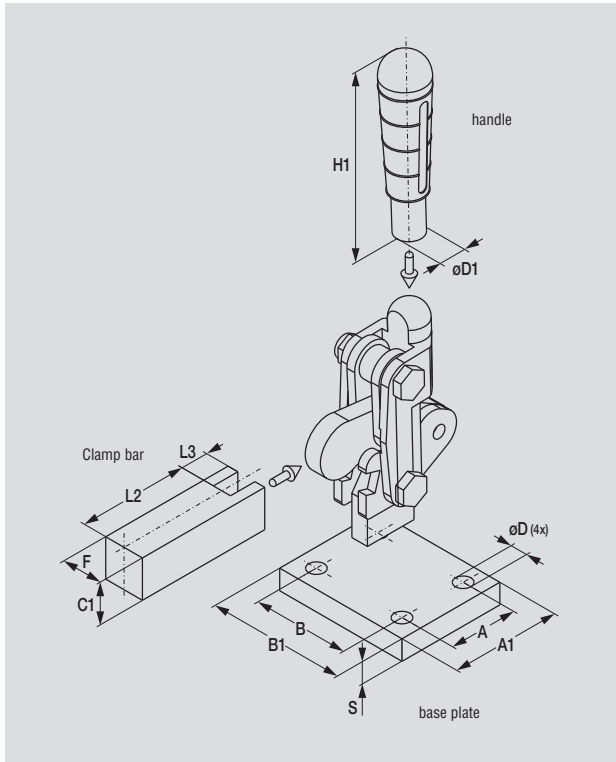


LSC-version



Model no.	A	A1	A3	A4	B	B1	B2	B3	ØD	ØD1	H	H2	H3	R						
501-LB ▲	28,4	14,2	28,7	14,2	20,1	6,4	13,0	27,7	4,8	12,7	28,4	33,5	56,1	9,4						
503-MLB	38,1	13,5	44,5	19,1	38,6	9,9	19,6	44,5	7,9	17,5	49,5	50,0	88,9	13,5						
503-MLBLSC ▲	37,8	13,5	44,5	19,1	38,6	9,9	19,6	44,5	7,9	17,5	49,5	50,0	88,9	13,5						
505-MLB	54,9	29,0	53,1	27,4	48,0	12,2	21,6	55,9	9,4	22,1	70,9	63,5	110,0	18,3						
505-MLBLSC ▲	54,9	29,0	53,1	27,4	48,0	12,2	21,6	55,9	9,4	22,1	70,9	63,5	110,0	18,3						
506-MLB ▲	70,1	35,1	65,5	36,8	59,9	16,0	28,4	67,1	12,7	28,7	87,9	76,2	135,4	21,6						
506-MLBLSC ▲	71,6	35,1	65,5	36,8	59,9	16,0	28,4	67,1	12,7	28,7	87,9	76,2	135,1	21,6						

▲ Available upon request



The modular design of this series of models allows you to set up the vertical clamp according to your specific requirements.

The clamping bar, the baseplate and the handle can be adapted to suit the fixture.

Important note

The forged parts must be heated up to 400° F (200° C) prior to the welding operation. For this reason, the handle and clamping arm should be welded together with the **disassembled** mating parts of the clamp. Ideal for welding in the cold state, welding additives must be used.

Completion parts (made of low carbon steel)	Handle		Clamping bar				Baseplate						Model no.
	øD1	~H1	C1	F	L2	L3	A	A1	B	B1	øD	S	
Fitting the vertical clamps Heavy version See pages 2.45 and 2.46	□ 6x10	61	—	—	—	—	—	—	—	—	—	—	501503
Series 501 (all models)	—	—	15	15	40	10	—	—	—	—	—	—	501501
Model 501-B	—	—	—	—	—	—	25	40	35	50	6,3	8	503502
Series 503 (all models)	ø18	104,5	—	—	—	—	—	—	—	—	—	—	503503
	ø18	129,5	—	—	—	—	—	—	—	—	—	—	503503-L
	—	—	25	20	50	8	—	—	—	—	—	—	503501
Models 503-MB, 503-MBLSC	—	—	—	—	—	—	25	40	35	50	6,3	8	503502
Series 505 (all models)	ø22	114	—	—	—	—	—	—	—	—	—	—	505503
	ø22	159	—	—	—	—	—	—	—	—	—	—	505503-L
	—	—	30	25	60	12	—	—	—	—	—	—	505501
Models 505-MB, 505-MBLSC	—	—	—	—	—	—	40	60	30	50	8,3	8	505502
Series 506 (all models)	ø28	123	—	—	—	—	—	—	—	—	—	—	506503
	ø28	188	—	—	—	—	—	—	—	—	—	—	506503-L
	—	—	35	30	75	15	—	—	—	—	—	—	506501
Model 506-MB, 506-MBLSC	—	—	—	—	—	—	50	70	45	65	8,3	8	506502

Cam action clamps for variable workpiece thickness

- Ideal for variable workpiece thickness
- Heavy-duty clamping bar
- Flanged base

Product features

- Parts casted
- Hardened bushings
- Includes mounting holes

Application areas

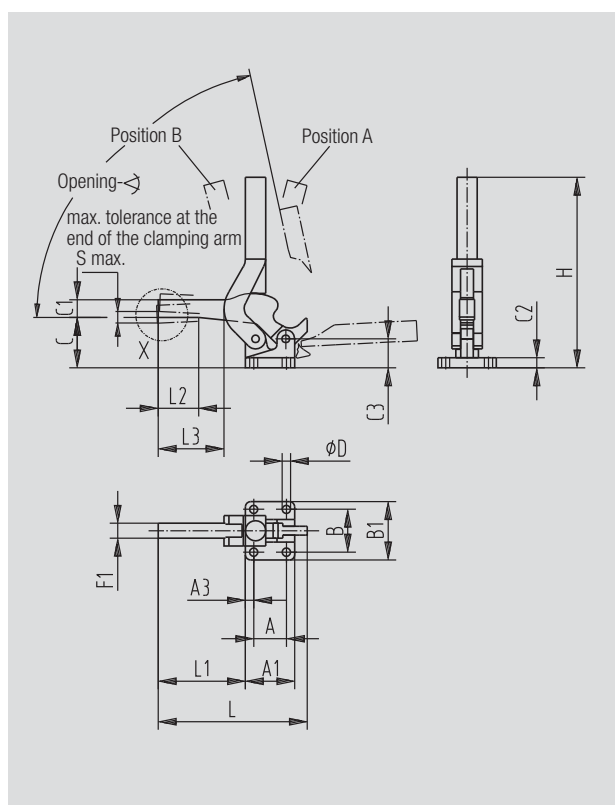
The DE-STA-CO cam clamps have a high-to-low limit clamping range that automatically compensates for part thickness variation and therefore eliminates time-consuming readjustments. The cam action resists vibrational loosening. They are built to take abuse. The clamps are available in five sizes. Part variation thickness allowance is from 1/8" to 3/8".

Models 7-101, 7-58, 7-59, 7-60

Model no.	Holding Capacity [N]	Bar Opening  +10°	 [kg]	
7-101	2.100	80°	0,4	
7-58	2.600	95°	0,45	
7-59	4.400	95°	0,9	
7-60	7.100	80°	2,7	

**Model 7-101**

Model 7-60



Model no.	A	A1	A3	B	B1	C	C1	C2	C3	ØD	F1	H	L	L1	L2	S Max.				
7-101 ▲	19,1	31,8	6,4	31,8	44,5	36,6	12,7	7,9	25,4	5,6	12,7	127,0	117,6	79,2	–	3,3				
7-58 ▲	25,4	42,9	8,6	41,1	57,2	47,5	14,2	9,7	28,4	7,1	12,7	177,8	177,5	64,8	–	3,3				
7-59 ▲	35,1	52,3	9,9	47,8	63,5	55,6	16,0	11,2	31,8	8,6	16,0	215,9	152,4	88,9	31,5	4,8				
7-60 ▲	41,1	62,0	11,2	53,8	73,2	63,5	22,4	12,7	36,6	10,4	19,1	241,3	188,0	111,3	50,0	6,4				

▲ Available upon request

Vertical clamps with front attachment

■ U-shaped or solid clamping bar

Application areas

Ideal for applications in the assembly industry in which workholding is performed with clamping forces of up to 500 lbs., including assembling, drilling, testing, positioning, milling and other processing operations.

Product features

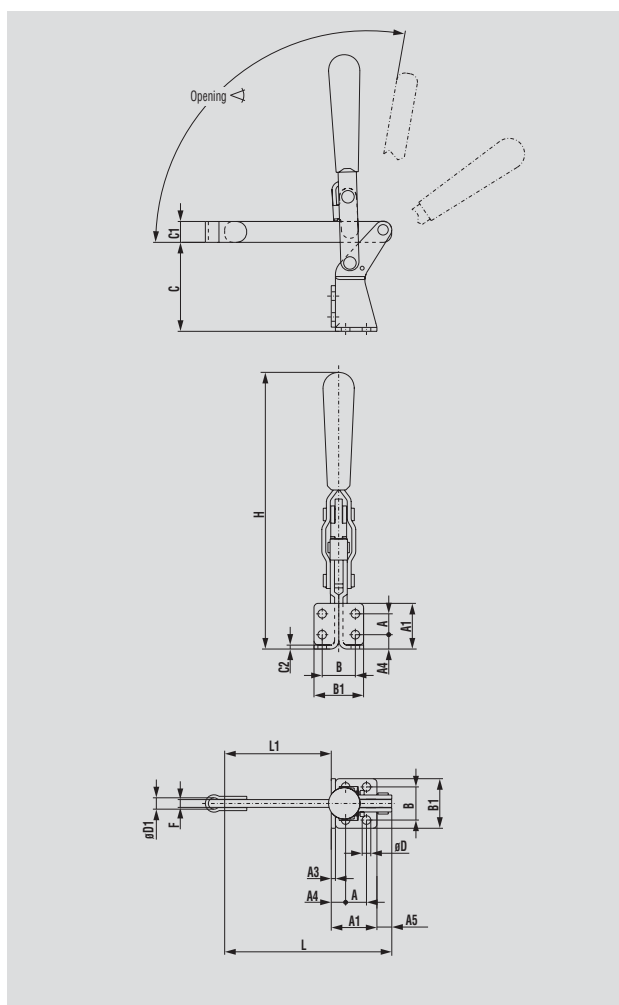
- Torsion-protected, hardened bushings
- Rivets made of stainless steel
- Zinc plated
- Oil-resistant, ergonomically shaped DE-STA-CO handle grip

Accessories

Vertical handle clamps with a U-shaped clamping arm can be ordered in two varieties:

- Standard model number: The matching standard adjustment spindle is included
- Model number containing “-LS”: The model is delivered with two flanged washers without an adjustment spindle.

Model 207-SF



Model no	Holding Capacity [N]	Bar Opening $+10^\circ$	 [kg]	 Bolt Retainer
207-SF	2.000	100°	0,38	507107-M

See additional adjustment spindles beginning on page 10.1



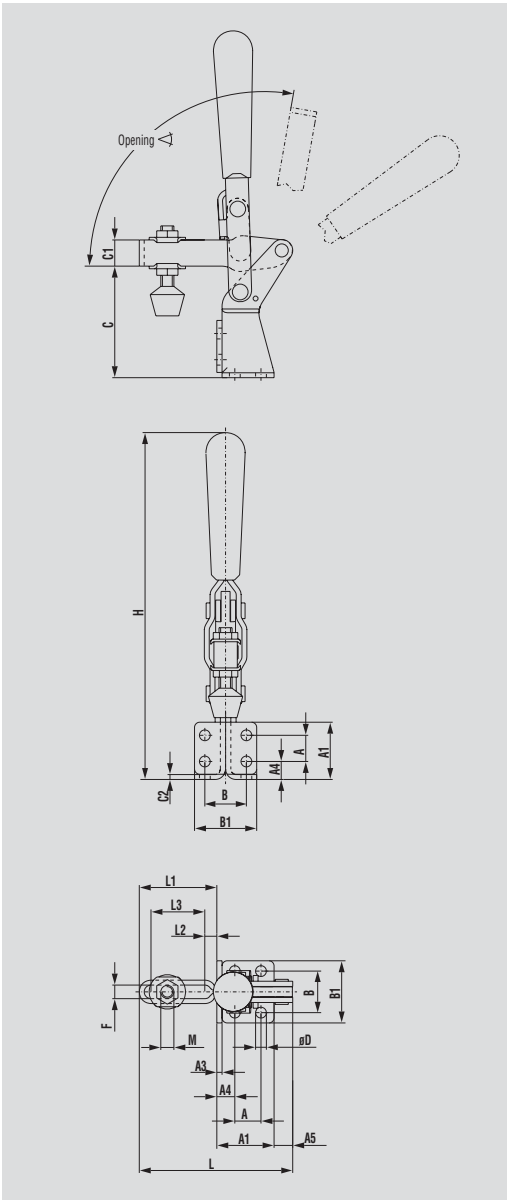
Model no.	A	A1	A3	A4	A5	B	B1	C	C1	C2	ØD	ØD1	F	H	L	L1	M				
207-SF ▲	16,0	35,1	3,0	11,2	11,4	25,4	38,1	68,3	16,0	3,0	6,9	8,6	6,4	214,6	127,8	81,3	M5				

▲ Available upon request

Model 207-UF

Model no.	Holding Capacity [N]	Bar Opening +10°	 [kg]	 Standard equipment	 Flanged Washers
207-UF	1.700	90°	0,38	225208-M	507107-M
207-UF-LS				without spindle	507107-M

See additional adjustment spindles beginning on page 10.1



Model no.	A	A1	A3	A4	A5	B	B1	C	C1	C2	ØD	F	H	L	L1	L2	L3	M			
207-UF ▲	16,0	35,1	3,0	11,2	11,4	25,4	38,1	68,1	16,0	3,0	6,9	8,6	214,6	93,7	47,2	7,1	33,0	M8			

▲ Available upon request

With very large opening angle

Application areas

Ideal for all areas of the assembly industry in which workholding is performed with holding capacities of up to 375 lbs. For example, assembling, drilling, testing, positioning, milling and other processing operations.

Product features

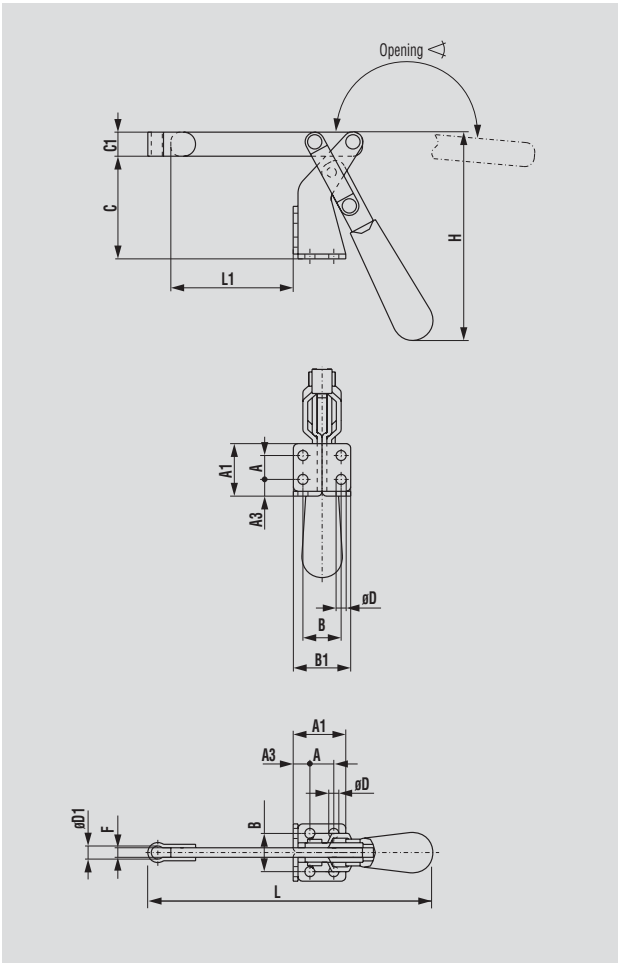
- Extremely large arm opening angle (185°)
- Handle position is identical in clamped position and open position
- Torsion-protected, hardened bushings
- Rivets made of stainless steel
- Zinc plated
- Oil-resistant, ergonomically shaped DE-STA-CO handle grip

Accessories

Vertical clamps with a U-shaped clamping bar can be ordered in two varieties:

- Standard model number: The standard adjustment spindle is included
- Model number containing “-LS”: The model is delivered with two flange washers without an adjustment spindle

Model 317-S



Model no	Holding Capacity [N]	Bar Opening	Bolt Retainer
317-S	2.000	185°	207105-M

Ebenfalls lieferbar		
As Air Hydraulic	Model 817-SE	Page 12.14
See accessories beginning on page 10.1		



- Solid clamping bar
- Dual position mounting base

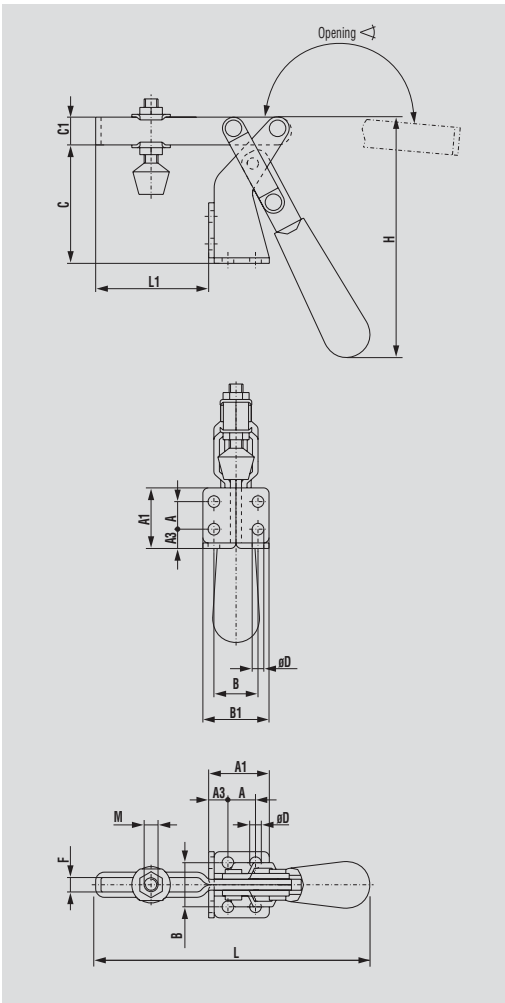
Model no.	A	A1	A3	A4	A5	B	B1	C	C1	C2	ØD	ØD1	F						
317-S ▲	16,0	35,1	11,2	25,4	38,1	68,1	16,0	6,9	8,6	6,4	131,6	182,6	81,3						
▲ Available upon request																			

Model 317-U

Model no.	Holding Capacity [N]	Bar Opening +10°	 [kg]	 Standard equipment	 Flanged Washers
317-U	1.700	185°	0.38	507208-M	507107-M
317-U-LS				without spindle	507107-M

Ebenfalls lieferbar

As Air Hydraulic	Model 817-U	Page 12.15
See accessories beginning on page 10.1		



Model no.	A	A1	A3	B	B1	C	C1	ØD	F	H	L	L1	L2	L3	M					
317-U	16,0	35,1	11,2	25,4	38,1	68,1	16,0	6,9	8,6	134,1	165,9	64,3	7,1	50,0	M8					

With very large opening angle

Application areas

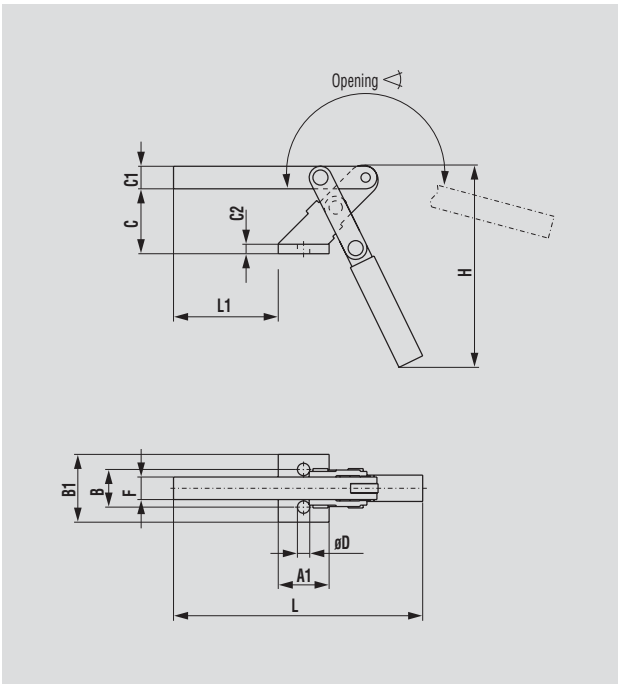
Ideal for all areas in which workholding is performed with holding capacities of up to 2,500 lbs. Due to design, these models are especially suitable for use in demanding work environments, including assembling, drilling, testing, positioning, milling and other processing operations.

The heavy-duty clamping bar can be shortened or lengthened to the desired length, and holes can be drilled (for spindle assembly).

Product features

- Extremely large opening angle (195°)
- Handle position is identical in the clamped position and open position
- Torsion-protected, hardened bushings
- Rivets made of stainless steel

Model 527



Model no	Holding Capacity [N]	Bar Opening  +10°	 [kg]	 Standard equipment
527	4.500	195°	1,14	without spindle

- Solid clamping bar
- Flanged base



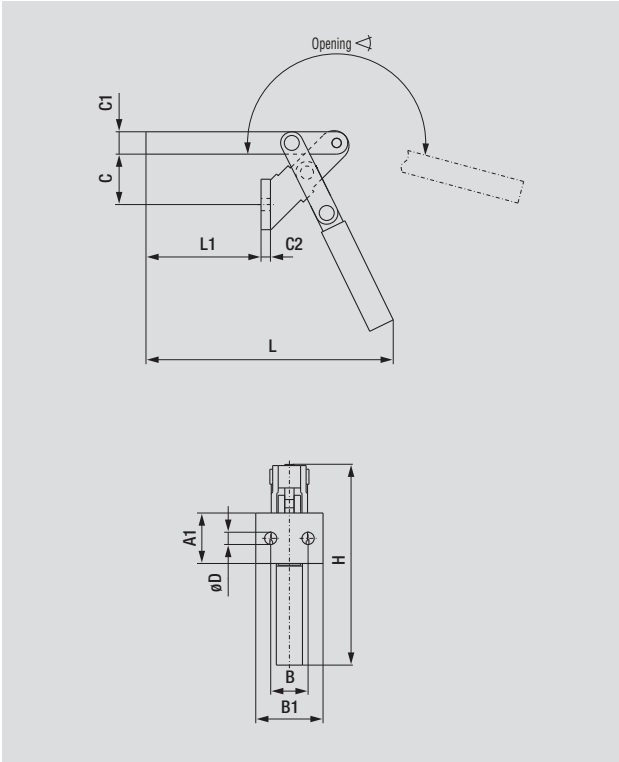
Model no.	A1	B	B1	C	C1	C2	ØD	F	H	L	L1								
527 ▲	45,0	31,8	57,2	56,1	19,1	5,3	10,4	19,1	185,4	211,8	83,1								

▲ Available upon request

Model 527-F

Model no	Holding Capacity [N]	Bar Opening +10°	 [kg]	 Standard equipment
527-F	4.500	195°	1,14	without spindle

- Solid clamping bar
- Front mounting base

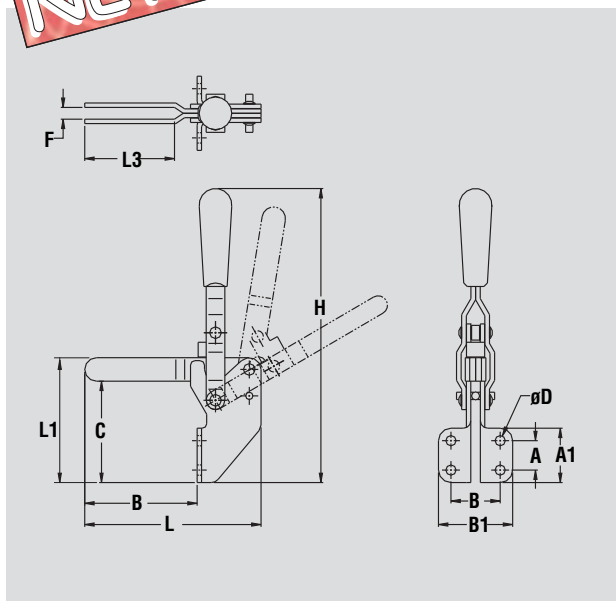


Model no.	A1	B	B1	C	C1	C2	ØD	F	H	L	L1								
527-F ▲	45,0	31,8	57,2	48,8	19,1	5,3	10,4	19,1	188,5	214,6	96,8								
▲ Available upon request																			

NEW

Model 91090

Vertical Clamps



Model no	Holding Capacity [N]	Bar Opening $\angle +10^\circ$	[kg]	Standard equipment
91090	1.700	90°	0,38	without spindle

See additional adjustment spindles beginning on page 10.1



Model no.	A	A1	A3	A4	B	B1	C	C1	C2	ØD	F	H	L	L1	L2	L3				
91090 ▲	20,1	37,1	8,4	8,4	33,3	50,3	69,1	16,0	3,0	7,1	7,9	200,4	119,9	76,7	15,7	61,0				

▲ Available upon request

NEW

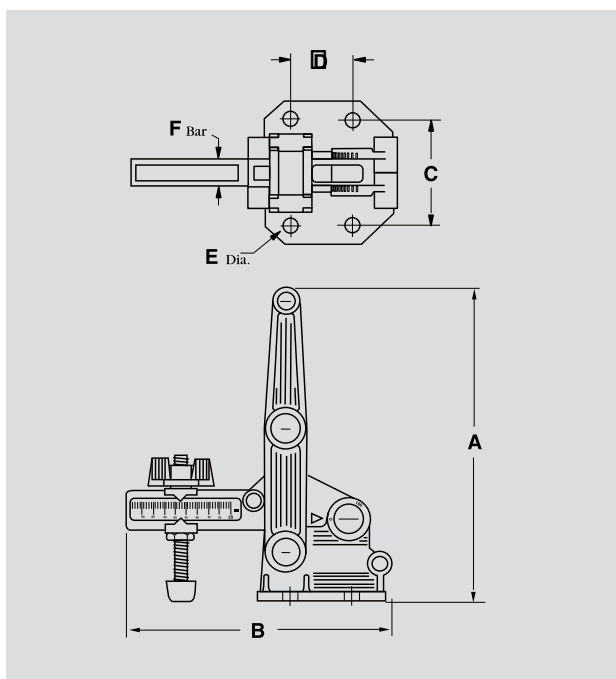
Model VH3

Information

Vertical handle toggle clamps for work holding. Toggle action locks the workpiece securely. The arm opens 100° for loading. Reinforced polymer spindle assembly with neoprene tip is included, and can be positioned on the arm using the convenient indicator.

Product features

- Lightweight, non-conductive, chemical resistant
- Locking toggle action
- Spindle assembly included
- Constructed of reinforced polymers combining high strength and light weight



Model no.	Holding Capacity [N]	[kg]	Standard equipment
VH3	150	0,12	Rubber-tipped composite spindle



Model no.	A	B	C	D	E	F
VH3 ▲	16	35	3	11	11,4	25,4

▲ Available upon request

