

## Product group – vertical clamps

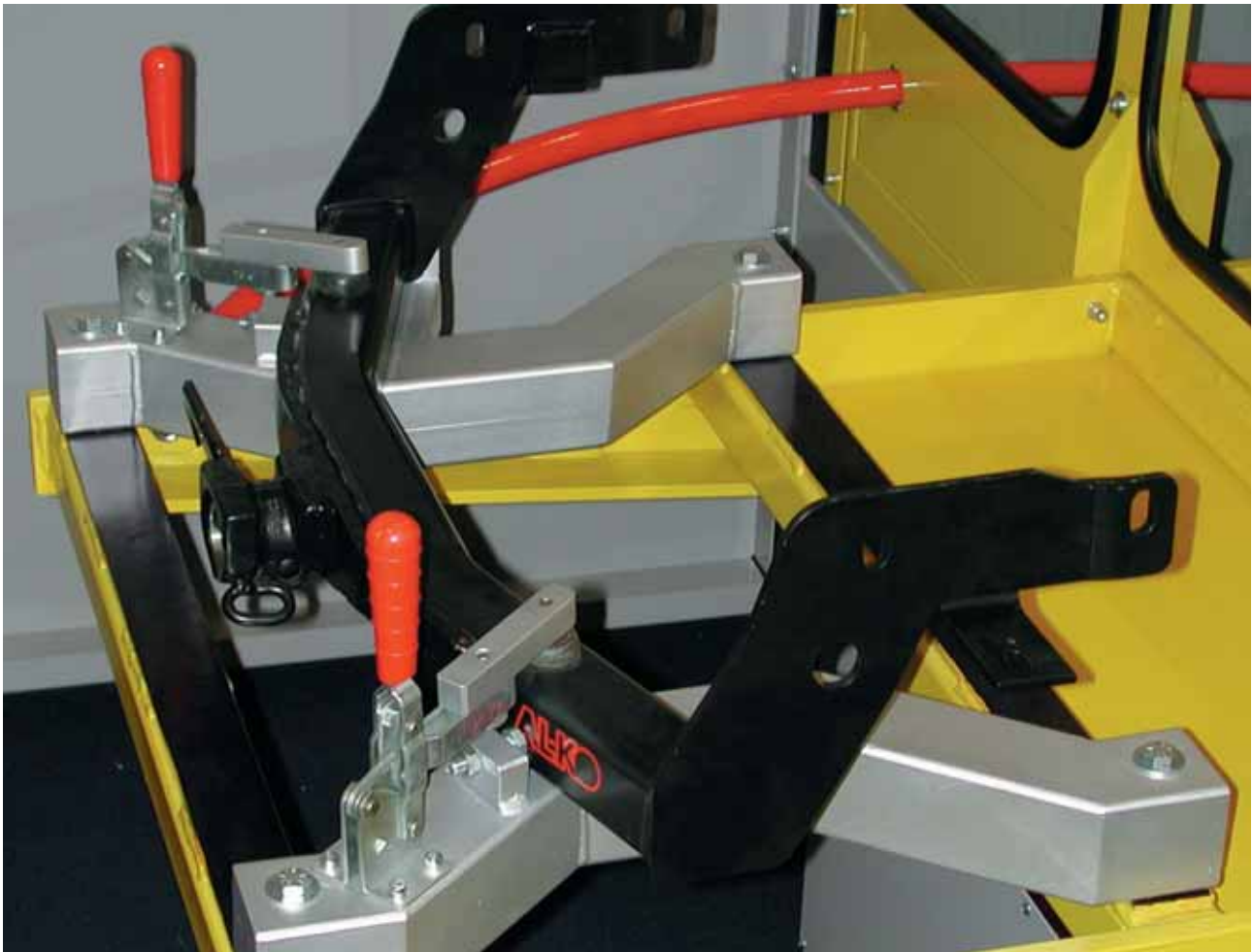
### Application areas

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 in 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 clamping arms
- Vertical clamps have a straight or angular foot. The heavy-duty vertical clamps possess a base that can be welded on with and without a hole pattern

Model 247-U clamping a frame

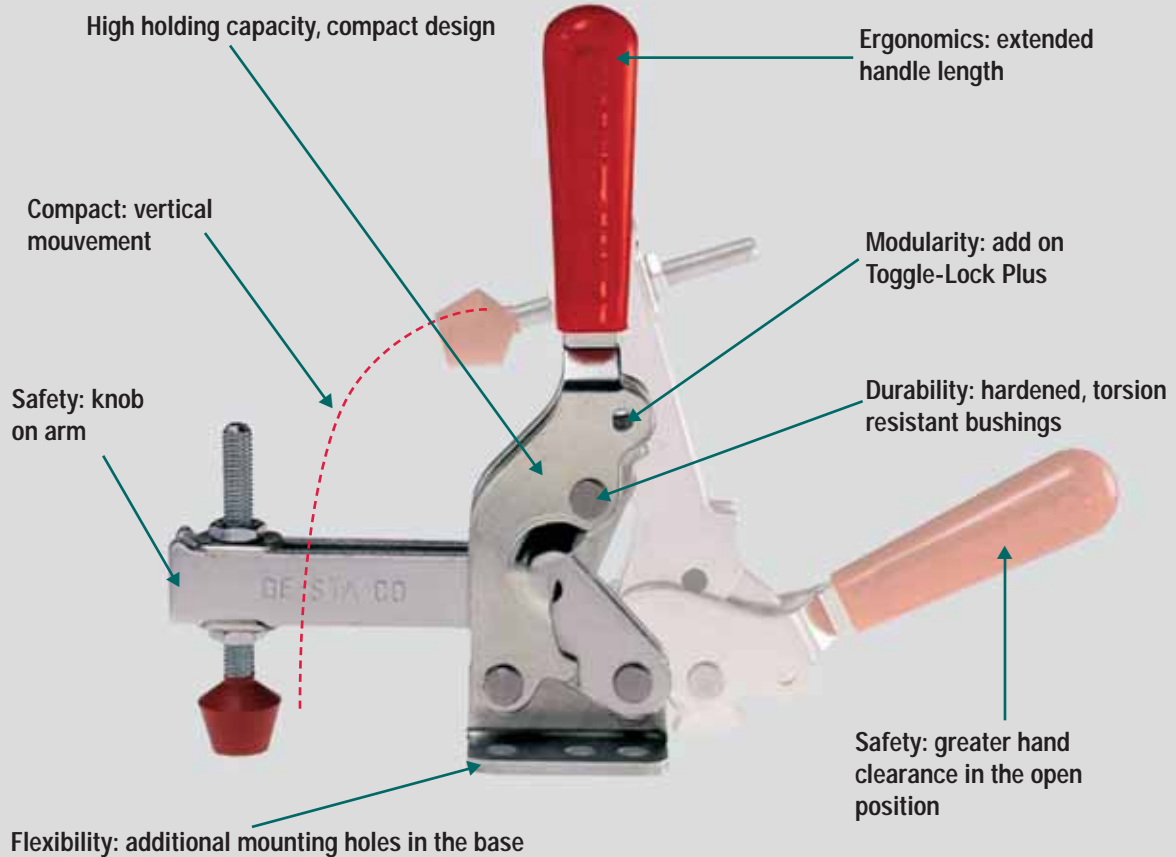


Holding force max. [N]	Length [mm]	Height [mm]	Model no.	Category	Page
450	51,8	77,5	201-U	Standard	2.15
450	51,8	88,4	201-UB	Standard	2.16
450	51,8	88,4	201-UB-LS	Standard	2.16
450	51,8	77,5	201-U-LS	Standard	2.15
1.100	69,6	110	202-U	Standard	2.15
1.100	69,6	121,5	202-UB	Standard	2.16
1.100	69,6	121,5	202-UB-LS	Standard	2.16
1.100	69,6	110	202-U-LS	Standard	2.15
1.500	70	105	GEW-15	NEW! Heavy-duty	2.28
1.500	64	143	GEW-25-R	NEW! Heavy-duty	2.29
1.500	64	143	GEW-25-RT	NEW! Heavy-duty	2.29
1.700	94,4	176	207-U	Standard	2.15
1.700	94,4	189	207-UB	Standard	2.16
1.700	94,4	189	207-UB-LS	Standard	2.16
1.700	119,5	189	207-UBR	Release lever	2.20
1.700	119,5	189	207-UBR-LS	Release lever	2.20
1.700	94,4	176	207-U-LS	Standard	2.15
1.700	119,5	176	207-UR	Release lever	2.19
1.700	119,5	176	207-UR-LS	Release lever	2.19
2.000	132	176	207-L	Standard	2.17
2.000	132	189	207-LB	Standard	2.18
2.000	157,1	189	207-LBR	Release lever	2.22
2.000	157,1	176	207-LR	Standard	2.21
2.100	117,5	127	7-101	Cam Action	2.34
2.500			501-B	Modular	2.31
2.500			501-LB	Modular	2.32
2.600	177,5	176	7-58	Cam Action	2.34
2.700	83,5	119,5	2002-S	NEW! Standard	2.12
2.700	83,5	139	2002-SB	NEW! Standard	2.12
2.700	106	133	2002-SBR	NEW! Standard	2.14
2.700	106	119,5	2002-SR	NEW! Standard	2.14
2.700	83,5	119,5	2002-U	NEW! Standard	2.11
2.700	83,5	133	2002-UB	NEW! Standard	2.11
2.700	83,5	133	2002-UB-LS	NEW! Standard	2.11
2.700	106	133	2002-UBR	NEW! Standard	2.13
2.700	106	133	2002-UBR-LS	NEW! Standard	2.13
2.700	83,5	119,5	2002-U-LS	NEW! Standard	2.11
2.700	106	119,5	2002-UR	NEW! Standard	2.13
2.700	106	119,5	2002-UR-LS	NEW! Standard	2.13
2.700	90	143	GEW-20	NEW! Massiv	2.28
2.800	140,7	207	210-U	Standard	2.15
2.800	140,7	229,5	210-UB	Standard	2.16

Holding force max. [N]	Length [mm]	Height [mm]	Model no.	Category	Page
2.800	140,7	229,5	210-UB-LS	Standard	2.16
2.800	169,5	229,5	210-UBR	Release lever	2.20
2.800	169,5	229,5	210-UBR-LS	Release lever	2.20
2.800	140,7	207	210-U-LS	Standard	2.15
2.800	169,5	207	210-UR	Release lever	2.13
2.800	169,5	207	210-UR-LS	Release lever	2.13
3.400	140	207	210-S	Standard	2.16
3.400	140	229,5	210-SB	Standard	2.18
3.400	168,8	229,5	210-SBR	Release lever	2.22
3.400	168,8	207	210-SR	Release lever	2.21
3.600	177,3	224	247-U	Standard	2.15
3.600	177,3	241,9	247-UB	Standard	2.16
3.600	177,3	241,9	247-UB-LS	Standard	2.16
3.600	177,3	224	247-U-LS	Standard	2.15
4.200	110	163	GEW-30	NEW! Heavy-duty	2.28
4.300	150	210	GEW-50	NEW! Heavy-duty	2.28
4.300	170	247,5	GEW-70	NEW! Heavy-duty	2.28
4.400	152,5	216	7-59	Cam Action	2.34
4.500	175,5	209,5	528	Heavy-duty	2.24
4.500	122,5	185	2007-S	NEW! Standard	2.12
4.500	122,5	203	2007-SB	NEW! Standard	2.12
4.500	150	150	2007-SBR	NEW! Standard	2.14
4.500	150	185	2007-SR	NEW! Standard	2.14
4.500	122,5	185	2007-U	NEW! Standard	2.11
4.500	122,5	203	2007-UB	NEW! Standard	2.11
4.500	122,5	203	2007-UB-LS	NEW! Standard	2.11
4.500	150	203	2007-UBR	NEW! Standard	2.13
4.500	150	203	2007-UBR-LS	NEW! Standard	2.13
4.500	122,5	185	2007-U-LS	NEW! Standard	2.11
4.500	150	185	2007-UR	NEW! Standard	2.13
4.500	150	185	2007-UR-LS	NEW! Standard	2.13
4.500	178	224	247-S	Standard	2.17
4.500	178	241,9	247-SB	Standard	2.18
4.500	116	210	GEW-40-R	NEW! Heavy-duty	2.29
4.500	116	210	GEW-40-RT	NEW! Heavy-duty	2.29
4.800	160	210	GEW-60	NEW! Heavy-duty	2.28
5.400	229	307	267-S	Standard	2.17
5.400	228,5	307	267-U	Standard	2.15
5.400	228,5	338,5	267-UB	Standard	2.16
5.400	228,5	338,5	267-UB-LS	Standard	2.16

Holding force max. [N]	Length [mm]	Height [mm]	Model no.	Category	Page
5.400	228,5	307	267-U-LS	Standard	2.15
5.500	67	163	GEW-37-R	NEW! Heavy-duty	2.29
5.500	67	163	GEW-37-RT	NEW! Heavy-duty	2.29
6.200	155	230,5	2010-S	NEW! Standard	2.12
6.200	155	254	2010-SB	NEW! Standard	2.12
6.200	185	254	2010-SBR	NEW! Standard	2.14
6.200	185	230,5	2010-SR	NEW! Standard	2.14
6.200	155	230,5	2010-U	NEW! Standard	2.11
6.200	155	254	2010-UB	NEW! Standard	2.11
6.200	155	254	2010-UB-LS	NEW! Standard	2.11
6.200	185	254	2010-UBR	NEW! Standard	2.13
6.200	185	254	2010-UBR-LS	NEW! Standard	2.13
6.200	155	230,5	2010-U-LS	NEW! Standard	2.11
6.200	185	230,5	2010-UR	NEW! Standard	2.13
6.200	185	230,5	2010-UR-LS	NEW! Standard	2.13
7.000			503-MB	Modular	2.31
7.000			503-MBLSC	Modular	2.31
7.000			503-MLB	Modular	2.32
7.000			503-MLBLSC	Modular	2.32
7.000	125	219	533-L	Heavy-duty	2.26
7.000	125	237	533-LB	Heavy-duty	2.27
7.100	188	240	7-60	Cam Action	2.34
10.000	160	263,5	535-L	Heavy-duty	2.26
10.000	160	286,5	535-LB	Heavy-duty	2.27
11.000	190,5	240	548	Heavy-duty	2.23
11.000	205	285	558	Heavy-duty	2.25
11.000			505-MB	Modular	2.31
11.000			505-MBLSC	Modular	2.31
11.000			505-MLB	Modular	2.32
11.000			505-MLBLSC	Modular	2.32
13.000	205	334	536-LB	Heavy-duty	2.27
16.400	248	354	7-61	Cam Action	2.34
16.800	200	295	GEW-90	NEW! Heavy-duty	2.28
18.000	219	280	578	Heavy-duty	2.23
22.500			506-MB	Modular	2.31
22.500			506-MBLSC	NEW! Modular	2.31
22.500			506-MLB	Modular	2.32
22.500			506-MLBLSC	NEW! Modular	2.32
24.400	309,5	380	7-62	Cam Action	2.34
27.000	247,5	327	588	Heavy-duty	2.23

## 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 arm for more flexibility
5. Optimized stop point location for more durability

## Application areas:

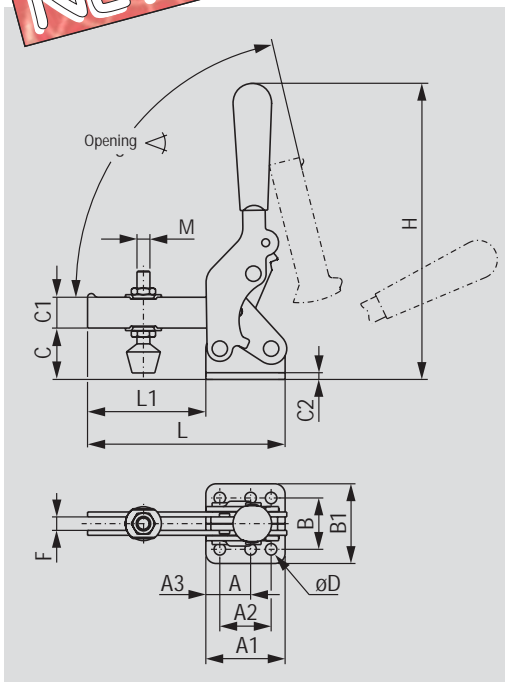
Fixtures and applications with restricted space where high holding capacity is required.

## Product features:

- All rivet connections are bushed to perform high lifecycles
- Rivets made of stainless steel to reduced wear
- Strong material cross section for high durability
- Ergonomically shaped handle for operator comfort

**NEW**

## Models 2002-U, 2007-U, 2010-U



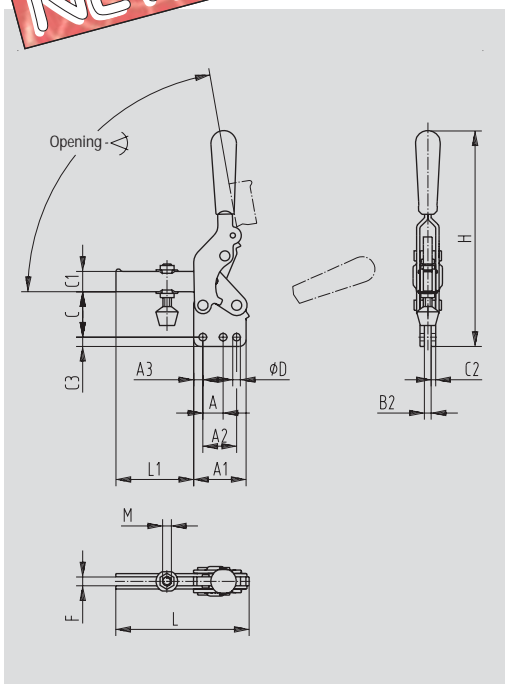
Vertical clamps

Model-no.	↓ [N]	Opening- ° <sup>+10°</sup>	⚖️ [kg]	🔩 Standard equipment
2002-U	2.700	75°	0,22	215208-M
2002-U-LS	2.700	75°	0,22	without spindle
2007-U	4.500	80°	0,54	2007208-M
2007-U-LS	4.500	80°	0,54	without spindle
2010-U	6.200	80°	1,16	240208-M
2010-U-LS	6.200	80°	1,16	without spindle

Model-no.	A	A1	A2	A3	B	B1	C	C1	C2	ØD	F	H	L	L1	M
2002-U	12,7	35	22,9	6	26,7	38,5	24,3	12,5	3,1	5,6	6,4	119,5	83,5	49	M6
2007-U	19,1	49	31,8	8,5	31,8	49,5	31,6	19	4,1	7,1	8,6	185	122,5	73,5	M8
2010-U		64,5	31,8	16	45,3	66,5	43,3	28,5	5,2	8,7	11,1	230,5	155	91	M10

**NEW**

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

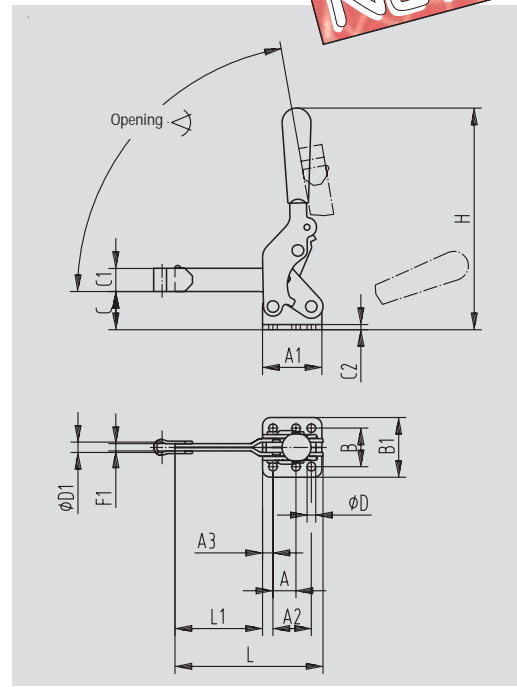


Model-no.	↓ [N]	Opening- ° <sup>+10°</sup>	⚖️ [kg]	🔩 Standard equipment
2002-UB	2.700	75°	0,22	215208-M
2002-UB-LS	2.700	75°	0,22	without spindle
2007-UB	4.500	80°	0,54	2007208-M
2007-UB-LS	4.500	80°	0,54	without spindle
2010-UB	6.200	80°	1,16	240208-M
2010-UB-LS	6.200	80°	1,16	without spindle

Model-no.	A	A1	A2	A3	B2	C	C1	C2	ØD	F	H	L	L1	M
2002-UB	12,7	35	22,9	6	6	32	12,5	3,1	5,6	6,4	133	83,5	49	M6
2007-UB	19,1	49	31,8	8,5	6	42	19	4,1	7,1	8,6	203	122,5	73,5	M8
2010-UB		64,5	31,8	16	8	55,5	28,5	5,2	8,7	11,1	254	155	91	M10

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

**NEW**



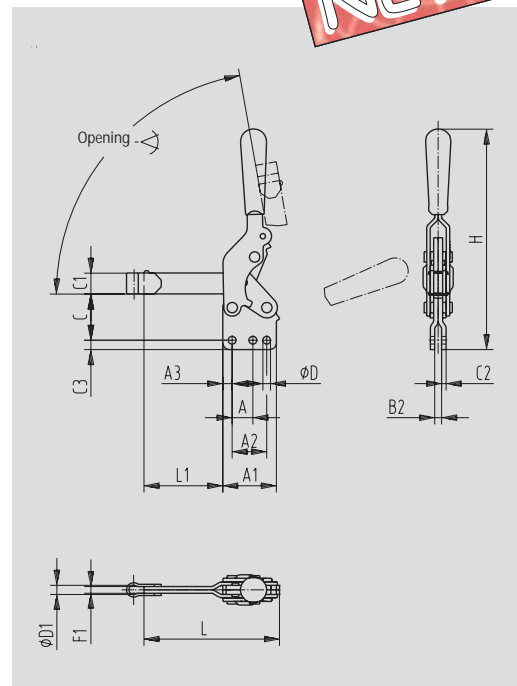
Model-no.	↓ [N]	Opening- ∠ <sup>+10°</sup>	⚖️ [kg]
2002-S	2.700	75°	0,22
2007-S	4.500	80°	0,54
2010-S	6.200	80°	1,16

Clamping arm: Mat. St2

Model-no.	A	A1	A2	A3	B	B1	C	C1	C2	ØD	ØD1	F1	H	L	L1
2002-S	12,7	35	22,9	6	26,7	38,5	24,3	12,5	3,1	5,6	6,5	6,4	119,5	83,5	49
2007-S	19,1	49	31,8	8,5	31,8	49,5	31,6	19	4,1	7,1	8,5	6,4	185	122,5	73,5
2010-S		64,5	31,8	16	45,3	66,5	43,3	28,5	5,2	8,7	11,5	8,4	230,5	155	91

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

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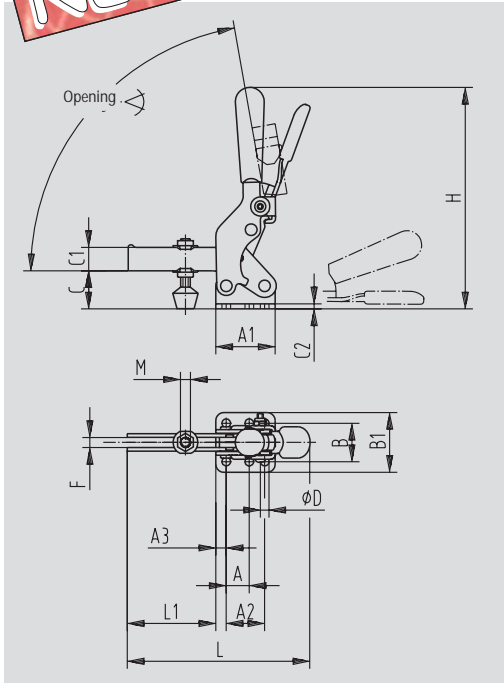
Model-no.	↓ [N]	Opening- ∠ <sup>+10°</sup>	⚖️ [kg]
2002-SB	2.700	75°	0,22
2007-SB	4.500	80°	0,54
2010-SB	6.200	80°	1,16

Clamping arm: Mat. St2

Model-no.	A	A1	A2	A3	B2	C	C1	C2	ØD	ØD1	F1	H	L	L1
2002-SB	12,7	35	22,9	6	6	32	12,5	3,1	5,6	6,5	6,4	139	83,5	49
2007-SB	19,1	49	31,8	8,5	6	42	19	4,1	7,1	8,5	6,4	203	122,5	73,5
2010-SB		64,5	31,8	16	8	55,5	28,5	5,2	8,7	11,5	8,4	254	155	91

**NEW**

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

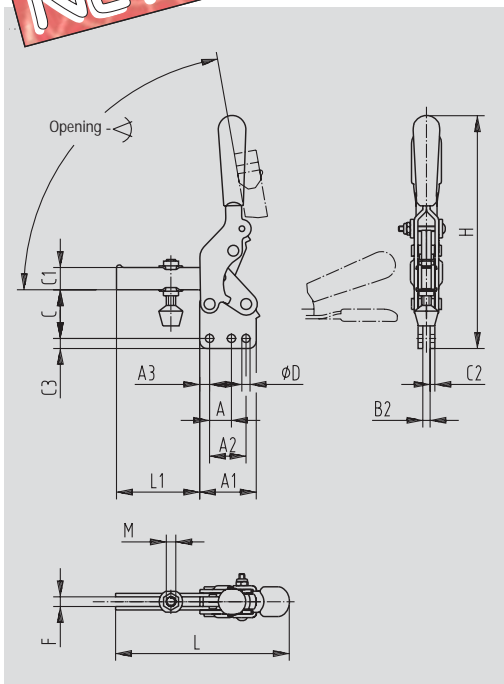


Model-no.	↓ [N]	Opening- ° <sup>+10°</sup>	⚖️ [kg]	🔩 Standard equipment
2002-UR	2.700	75°	0,25	215208-M
2002-UR-LS	2.700	75°	0,24	without spindle
2007-UR	4.500	80°	0,67	2007208-M
2007-UR-LS	4.500	80°	0,66	without spindle
2010-UR	6.200	80°	1,44	240208-M
2010-UR-LS	6.200	80°	1,43	without spindle

Model-no.	A	A1	A2	A3	B	B1	C	C1	C2	ØD	F	H	L	L1	M
2002-UR	12,7	35	22,9	6	26,7	38,5	24,3	12,5	3,1	5,6	6,4	119,5	106	49	M6
2007-UR	19,1	49	31,8	8,5	31,8	49,5	31,6	19	4,1	7,1	8,6	185	150	73,5	M8
2010-UR		64,5	31,8	16	45,3	66,5	43,3	28,5	5,2	8,7	11,1	230,5	185	91	M10

**NEW**

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



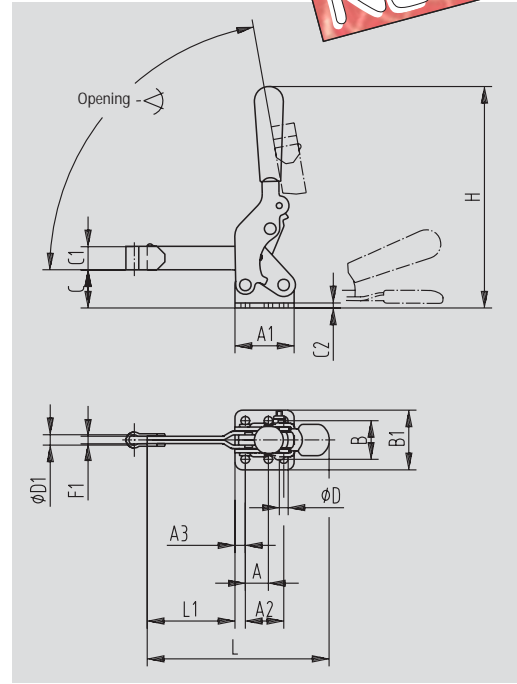
Model-no.	↓ [N]	Opening- ° <sup>+10°</sup>	⚖️ [kg]	🔩 Standard equipment
2002-UBR	2.700	75°	0,25	215208-M
2002-UBR-LS	2.700	75°	0,24	without spindle
2007-UBR	4.500	80°	0,67	2007208-M
2007-UBR-LS	4.500	80°	0,66	without spindle
2010-UBR	6.200	80°	1,44	240208-M
2010-UBR-LS	6.200	80°	1,43	without spindle

Model-no.	A	A1	A2	A3	B2	C	C1	C2	ØD	F	H	L	L1	M
2002-UBR	12,7	35	22,9	6	6	32	12,5	3,1	5,6	6,4	133	106	49	M6
2007-UBR	19,1	49	31,8	8,5	6	42	19	4,1	7,1	8,6	203	150	73,5	M8
2010-UBR		64,5	31,8	16	8	55,5	28,5	5,2	8,7	11,1	254	185	91	M10



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

**NEW**



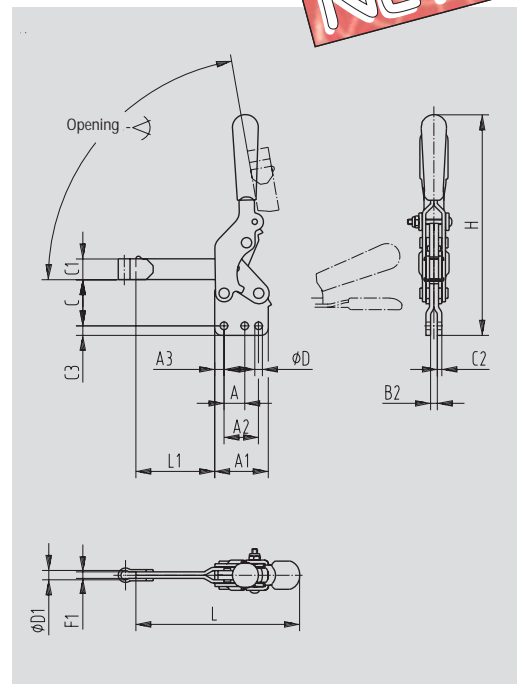
Model-no.	↓ [N]	Opening- ∠ <sup>+10°</sup>	⚖️ [kg]
2002-SR	2.700	75°	0,25
2007-SR	4.500	80°	0,67
2010-SR	6.200	80°	1,44

Clamping arm: Mat. St2

Model-no.	A	A1	A2	A3	B	B1	C	C1	C2	ØD	ØD1	F1	H	L	L1
2002-SR	12,7	35	22,9	6	26,7	38,5	24,3	12,5	3,1	5,6	6,5	6,4	119,5	106	49
2007-SR	19,1	49	31,8	8,5	31,8	49,5	31,6	19	4,1	7,1	8,5	6,4	185	150	73,5
2010-SR		64,5	31,8	16	45,3	66,5	43,3	28,5	5,2	8,7	11,5	8,4	230,5	185	91

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

**NEW**



Model-no.	↓ [N]	Opening- ∠ <sup>+10°</sup>	⚖️ [kg]
2002-SBR	2.700	75°	0,25
2007-SBR	4.500	80°	0,67
2010-SBR	6.200	80°	1,44

Clamping arm: Mat. St2

Model-no.	A	A1	A2	A3	B2	C	C1	C2	ØD	ØD1	F1	H	L	L1
2002-SBR	12,7	35	22,9	6	6	32	12,5	3,1	5,6	6,5	6,4	133	106	49
2007-SBR	19,1	49	31,8	8,5	6	42	19	4,1	7,1	8,5	6,4	150	150	73,5
2010-SBR		64,5	31,8	16	8	55,5	28,5	5,2	8,7	11,5	8,4	254	185	91

- Clamping arm U-shaped
- Base angular

### Application areas

In all sectors in which work is performed with holding forces of up to 5.400 N. For example, assembling, drilling, testing, gluing, and other processing operations. Suitable for use in welding fixtures, in gauge manufacture, as well as in all sectors of the timber industry.

### Product features

- Torsion-protected, hardened bushes in models with a holding force greater than 1.700 N
- Rivets made of stainless steel
- Galvanised and passivated
- Oil-resistant, ergonomically shaped DE-STA-CO plastic handle
- Patented intermediate safety link

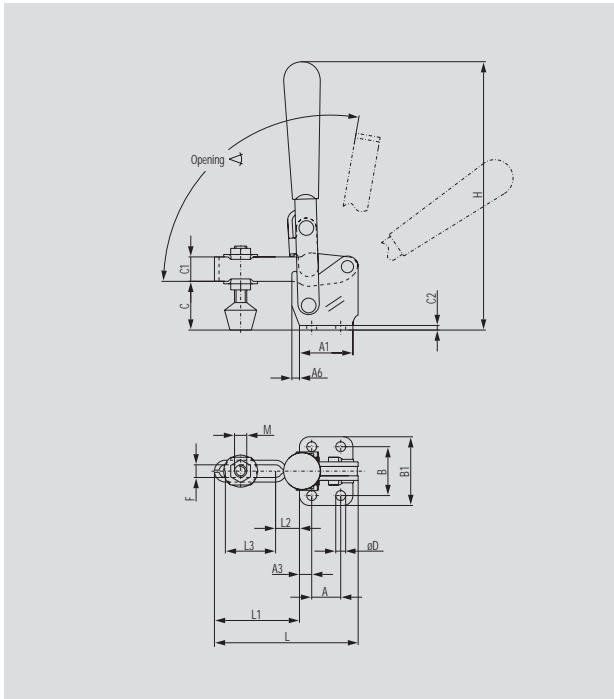
### Accessories

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

- Standard model number: The matching standard adjustment spindle is included in the scope of delivery
- Model number contains the addition "-LS": The model is delivered with two flange washers without an adjustment spindle.



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



Model no.	↓ [N]	Opening- ∠ +10°	⚖️ [kg]	🔩 Standard equipment
201-U	450	105°	0,055	305208-M
201-U-LS				without spindle
202-U	1.100	105°	0,16	202208-M
202-U-LS				without spindle
207-U	1.700	100°	0,38	225208-M
207-U-LS				without spindle
210-U	2.800	105°	0,6	240208-M
210-U-LS				without spindle
247-U	3.600	120°	1,1	247208-M
247-U-LS				without spindle
267-U	5.400	140°	2,2	237203-M without neoprene
267-U-LS				without spindle

Additional adjustment spindles are listed from page 10.1 onwards  
Versions in stainless steel on page 8.3

Model no.	A	A1	A3	A6	B	B1	C	C1	C2	øD	F	H	L	L1	L2	L3	M				
201-U	16	25,5	4,8	-	24	34	15,9	8	2	4,3	5,4	77,5	51,8	26,3	3,2	18,5	M5				
202-U	12,5	25,5	6,5	-	26,6	39	23,9	9,6	3	5,6	6,4	110	69,6	44	13	25	M6				
207-U	19	35	8	3,8	31,4	44	31,8	16	3	7,2	8,4	176	94,4	56,1	12,7	33	M8				
210-U	32	48	8	10,7	45	65	42,8	20	3	8,3	10,2	207	140,7	92,7	24	59,7	M10				
247-U	32	50,8	9,4	11,9	45	64	51,2	22	4,7	8,8	13,4	224	177,3	123,4	34,5	79,4	M12				
267-U	51	76	12,5	-	69,8	95	78	32	4,7	12	16,5	307	228,5	149,5	36,5	100	M16				

## Standard vertical clamps

- Clamping arm U-shaped
- Base straight

### Application areas

In all sectors in which work is performed with holding forces of up to 5.400 N. For example, assembling, drilling, testing, gluing, and other processing operations. Suitable for use in welding fixtures, in gauge manufacture, as well as in all sectors of the timber industry.



### Product features

- Torsion-protected, hardened bushes in models with a holding force greater than 1,700 N
- Rivets made of stainless steel
- Galvanised and passivated
- Oil-resistant, ergonomically shaped DE-STA-CO plastic handle
- Patented intermediate safety link

### Accessories

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

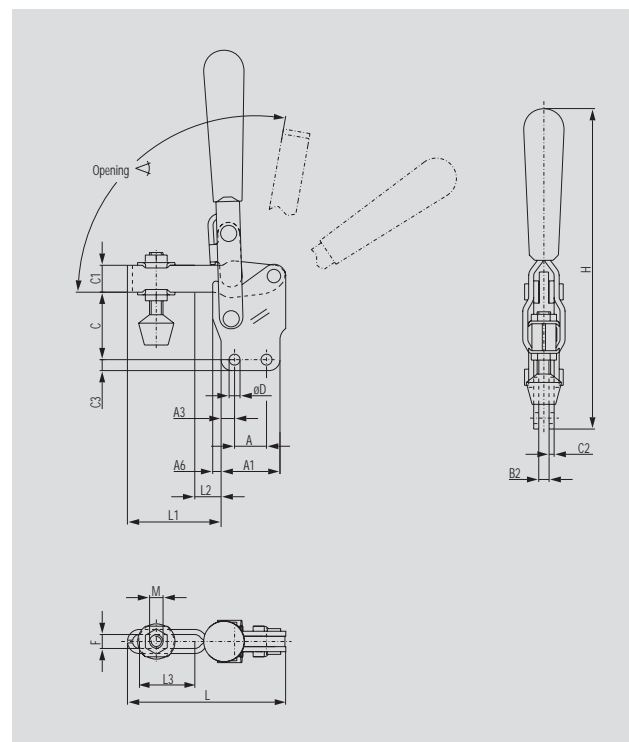
- Standard model number: The matching standard adjustment spindle is included in the scope of delivery
- Model number contains the addition "-LS": The model is delivered with two flange washers without an adjustment spindle.

## Models 201-UB, 202-UB, 207-UB, 210-UB, 247-UB, 267-UB

Model no.	↓ [N]	Opening- +10°	⚖️ [kg]	🔧 Standard equipment
201-UB	450	105°	0,055	305208-M
201-UB-LS				without spindle
202-UB	1.100	105°	0,16	202208-M
202-UB-LS				without spindle
207-UB	1.700	100°	0,38	225208-M
207-UB-LS				without spindle
210-UB	2.800	105°	0,6	240208-M
210-UB-LS				without spindle
247-UB	3.600	120°	1,1	247208-M
247-UB-LS				without spindle
267-UB	5.400	140°	2,2	267203-M without neoprene
267-UB-LS				without spindle

Additional adjustment spindles are listed from page 10.1 onwards

Versions in stainless steel on page 8.4



Model no.	A	A1	A3	A6	B2	C	C1	C2	C3	øD	F	H	L	L1	L2	L3	M				
201-UB	16	25,5	4,8	-	4	22	8	2	5	4,3	5,4	88,4	51,8	26,3	3,2	18,5	M5				
202-UB	12,5	25,5	6,5	-	6	29,3	9,6	3	6,2	5,6	6,4	121,5	69,6	44	13	25	M6				
207-UB	19	35	8	3,8	6	39,6	16	3	6,3	7,2	8,4	189	94,4	56,1	12,7	33	M8				
210-UB	32	48	8	10,7	8	55,8	20	3	10	8,3	10,2	229,5	140,7	92,7	24	59,7	M10				
247-UB	32	50,8	9,4	11,9	9,4	60	22	4,7	9,5	8,8	13,4	241,9	177,3	123,4	34,5	79,4	M12				
267-UB	51	76	12,5	-	9,6	100	32	4,7	12,5	12	16,5	338,5	228,5	149,5	36,5	100	M16				

- Solid clamp arm
- Base angular or straight

### Application areas

In all sectors in which work is performed with holding forces of up to 5.400 N. The heavy-duty clamping arm is highly suitable for adaptation to fixtures where it can be individually cut in lengths at a specific angle.

For example, assembling, drilling, testing, gluing, and other processing operations. Suitable for use in welding fixtures, in gauge manufacture, as well as in all sectors of the timber industry.

### Product features

- Torsion-protected, hardened bushes
- Rivets made of stainless steel
- Galvanised and passivated

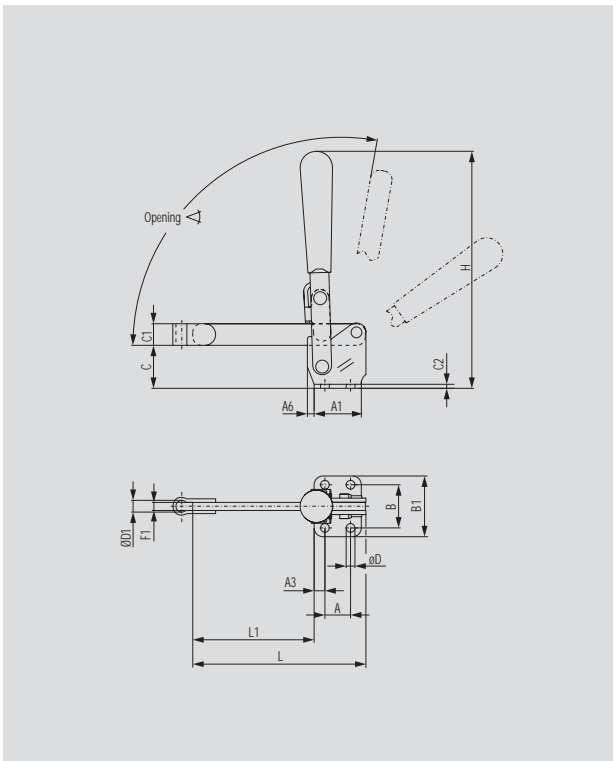
- Oil-resistant, ergonomically shaped DE-STA-CO plastic handle
- Patented intermediate safety link

### Accessories

- Vertical clamps with solid clamp arms are only delivered with spindle retainers that can be welded to the clamping arm



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



Model no.	↓ [N]	Opening- ∠ +10°	⚖️ [kg]
207-L	2.000	100°	0,38
210-S	3.400	105°	0,6
247-S	4.500	120°	1,1
267-S	5.400	140°	2,2

Additional adjustment spindles are listed from page 10.1 onwards

Clamping arm: Mat. St37K

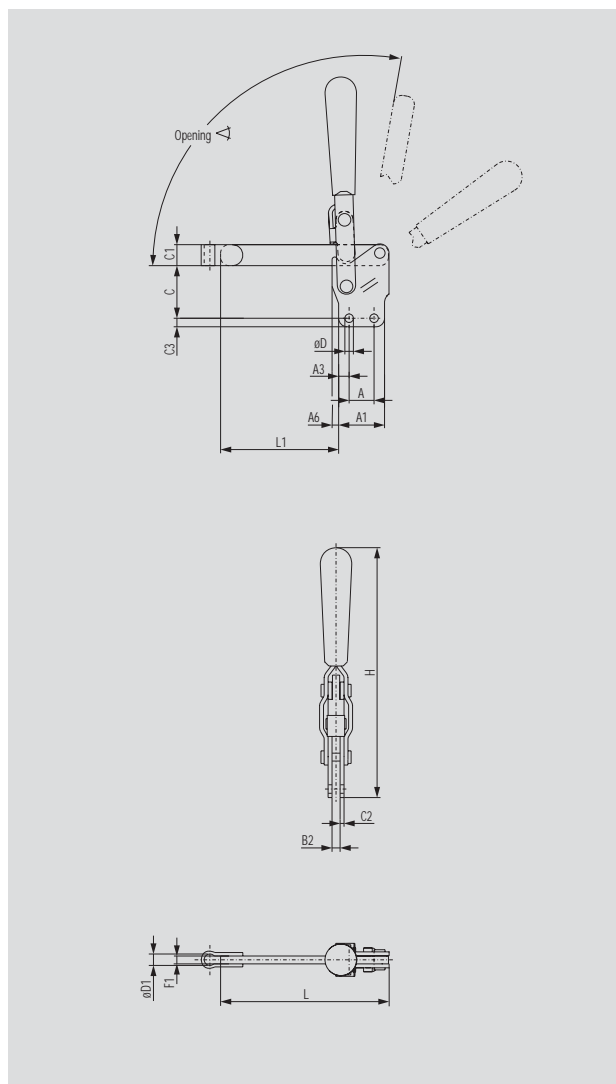
Model no.	A	A1	A3	A6	B	B1	C	C1	C2	øD	øD1	F1	H	L	L1
207-L	19	35	8	3,8	31,4	44	31,8	16	3	7,2	8,2	6	176	132	92
210-S	32	48	8	10,7	45	65	42,3	20	3	8,3	13	8	207	140	91
247-S	32	50,8	9,4	11,9	45	64	51,2	22	4,7	8,8	14,4	9,6	224	178	124
267-S	51	76	12,5	-	69,8	95	78	32	4,7	12	16,5	9,5	307	229	149,5

## Models 207-LB, 210-SB, 247-SB

Model no.	↓ [N]	Opening- +10°	⚖️ [kg]
207-LB	2.000	100°	0,38
210-SB	3.400	105°	0,6
247-SB	4.500	120°	1,1

Adjustment spindles are listed from page 10.1 onwards

Clamping arm:: Mat. St37K



Model no.	A	A1	A3	A6	B2	C	C1	C2	C3	øD	øD1	F1	H	L	L1
207-LB	19	35	8	3,8	6	39,6	16	3	6,3	7,2	8,2	6	189	132	92
210-SB	32	48	8	10,7	8	55,8	20	3	10	8,3	13	8	229,5	140	91
247-SB	32	50,8	9,4	11,9	9,4	60	22	4,7	9,5	8,8	14,4	9,6	241,9	178	124

- Clamping arm U-shaped
- Base angular 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 bushes
- Rivets made of stainless steel

- Galvanised and passivated
- Oil-resistant, ergonomically shaped DE-STA-CO plastic handle
- Patented intermediate safety link

### Accessories

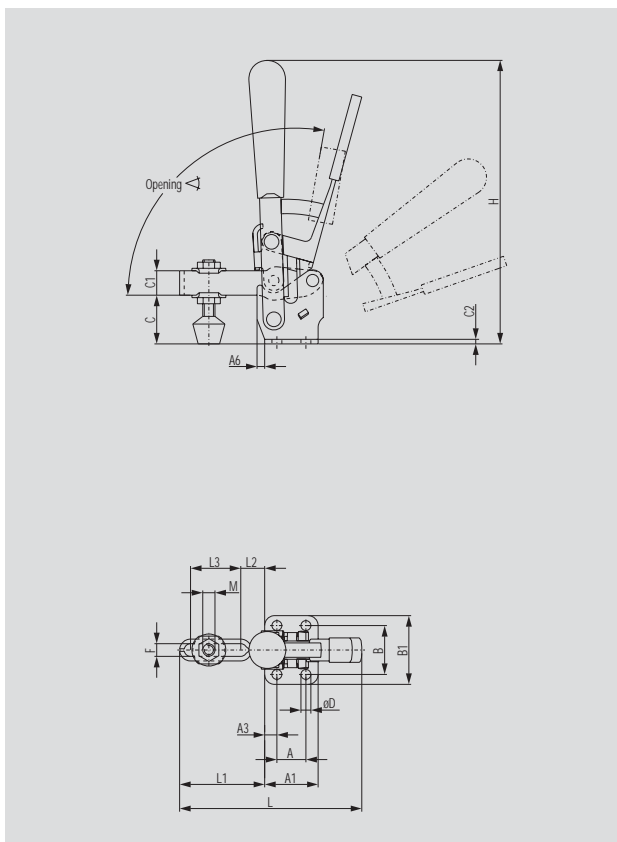
Vertical clamps with a U-shaped clamping arm can be ordered in two variants:

- Standard model number: The matching standard adjustment spindle is included in the scope of delivery
- Model number contains the addition "-LS": The model is delivered with two flange washers without an adjustment spindle.

### Safety instructions

In order to guarantee secure locking, the clamp must be moved to the over-centre position.

## Models 207-UR, 210-UR



Model no.	↓ [N]	Opening- ↗ +10°	⚖️ [kg]	🔩 Standard equipment
207-UR	1.700	100°	0,47	225208-M
207-UR-LS				without spindle
210-UR	2.800	105°	0,72	240208-M
210-UR-LS				without spindle

Additional adjustment spindles are listed from page 10.1 onwards

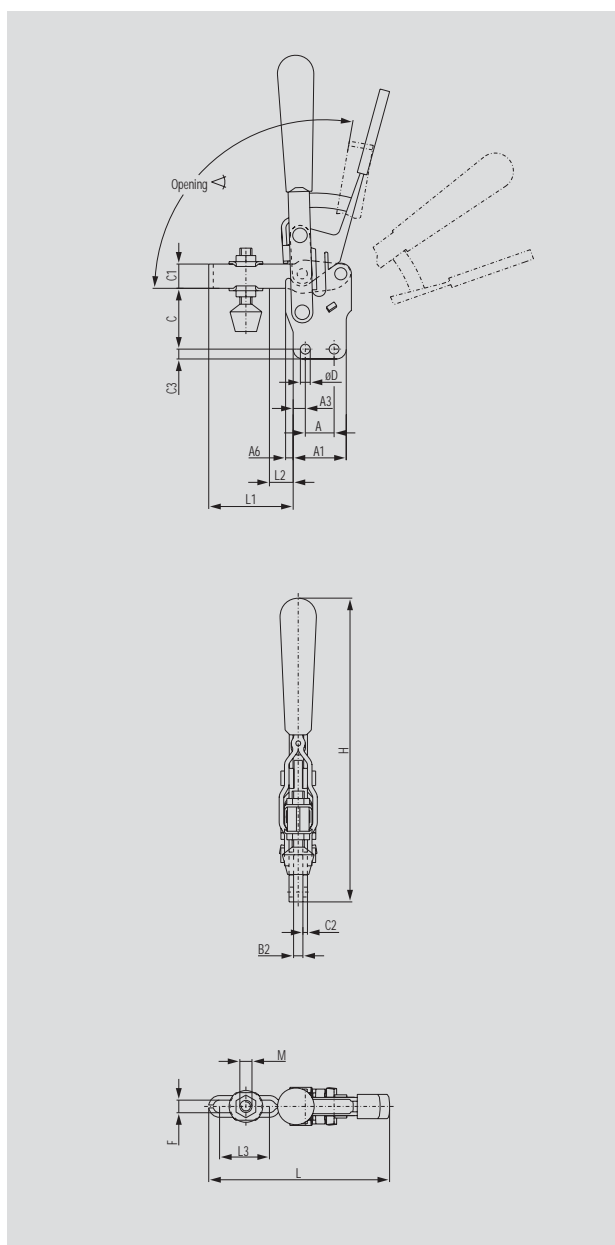


Model no.	A	A1	A3	A6	B	B1	C	C1	C2	øD	F	H	L	L1	L2	L3	M				
207-UR	19	35	8	3,8	31,4	44	31,8	16	3	7,2	8,4	176	119,5	56,1	12,7	33	M8				
210-UR	32	48	8	10,7	45	65	42,3	20	3	8,3	10,2	207	169,5	92,7	24	59,7	M10				

## Models 207-UBR, 210-UBR

Model no.	↓ [N]	Opening- ↙ +10°	⚖️ [kg]	🔩 Standard equipment
207-UBR	1.700	100°	0,47	225208-M
207-UBR-LS				without spindle
210-UBR	2.800	105°	0,72	240208-M
210-UBR-LS				without spindle

Additional adjustment spindles are listed from page 10.1 onwards



Model no.	A	A1	A3	A6	B2	C	C1	C2	C3	øD	F	H	L	L1	L2	L3	M				
207-UBR	19	35	8	3,8	6	39,6	16	3	6,3	7,2	8,4	189	119,5	56,1	12,7	33	M8				
210-UBR	32	48	8	10,7	8	55,8	20	3	10	8,3	10,2	229,5	169,5	92,7	24	59,7	M10				

- Solid clamp arm
- Base angular 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 bushes
- Rivets made of stainless steel

- Galvanised and passivated
- Oil-resistant, ergonomically shaped DE-STA-CO plastic handle
- Patented intermediate safety link

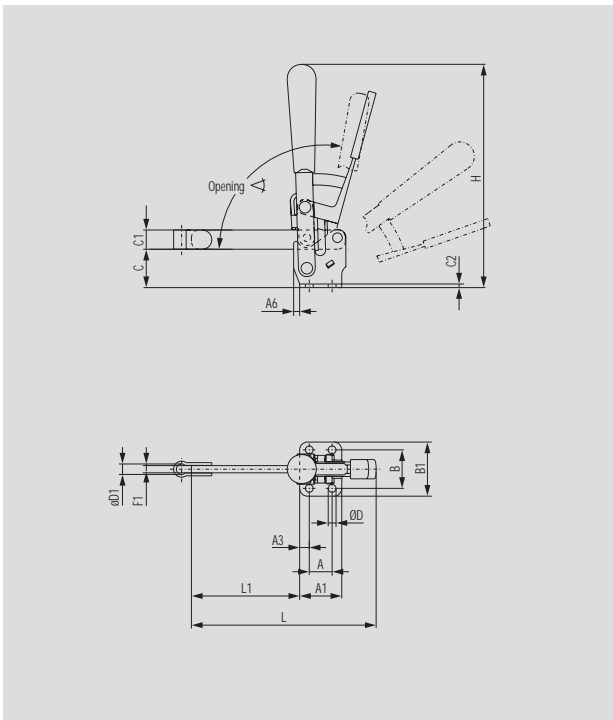
### Accessories

Vertical clamps with solid clamp arms are only delivered with spindle retainers that can be welded to the clamping arm

### Safety instructions

In order to guarantee secure locking, the clamp must be moved to the over-centre position.

## Models 207-LR, 210-SR



Model no.	↓ [N]	Opening- ↗ +10°	⚖️ [kg]
207-LR	2.000	100°	0,47
210-SR	3.400	105°	0,72

Adjustment spindles are listed from page 10.1 onwards

Clamping arm:: Mat. St37K



Model no.	A	A1	A3	A6	B	B1	C	C1	C2	øD	øD1	F1	H	L	L1
207-LR	19	35	8	3,8	31,4	44	31,8	16	3	7,2	8,2	6	176	157,1	92
210-SR	32	48	8	10,7	45	65	42,3	20	3	8,5	13	8	207	168,8	91

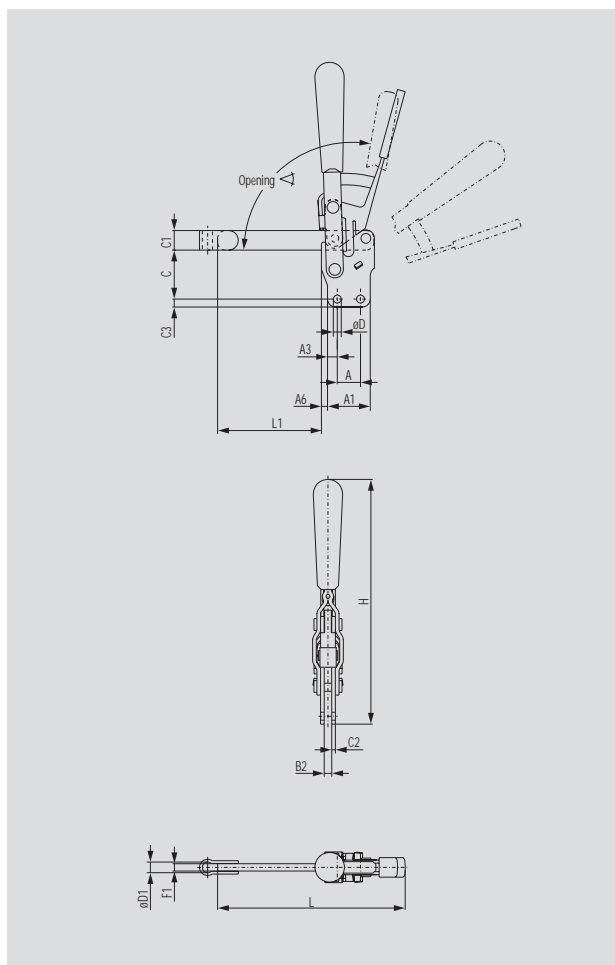


## Models 207-LBR, 210-SBR

Model no.	↓ [N]	Opening- +10°	⚖️ [kg]
207-LBR	2.000	100°	0,47
210-SBR	3.400	105°	0,72

Adjustment spindles are listed from page 10.1 onwards

Clamping arm:: Mat. St37K



Model no.	A	A1	A3	A6	B2	C	C1	C2	C3	øD	øD1	F1	H	L	L1
207-LBR	19	35	8	3,8	6	39,6	16	3	6,3	7,2	8,2	6	189	157,1	92
210-SBR	32	48	8	10,7	8	55,8	20	3	10	8,3	13,5	8	229,5	168,8	91

- Clamping arm heavy-duty
- Base angular
- Base straight

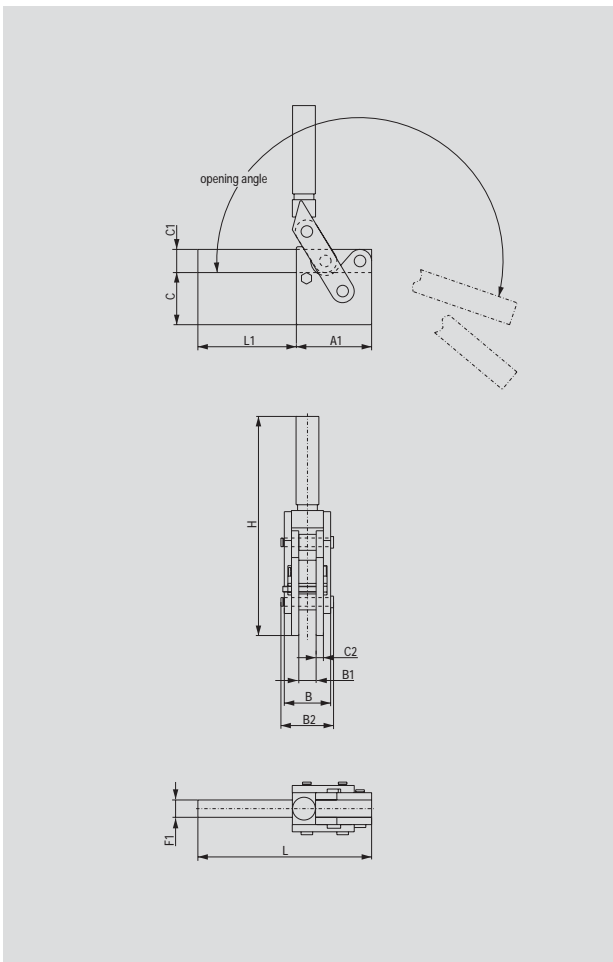
### Applications areas

This series of models are 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 moulds and similar severe clamping applications. The heavy-duty clamping arm can be shortened, welded to or holes drilled to suit the application.

### Product features

- Hardened, polished bushes
- Parts drop forged, burnished
- Oil-resistant, ergonomically shaped DE-STA-CO plastic handle

## Models 548, 578, 588



Model no.	↓ [N]	Opening- ↗ +10°	⚖️ [kg]
548	11.000	199°	2,3
578	18.000	199°	4,1
588	27.000	199°	6,7

With adjustable clamping arm guide

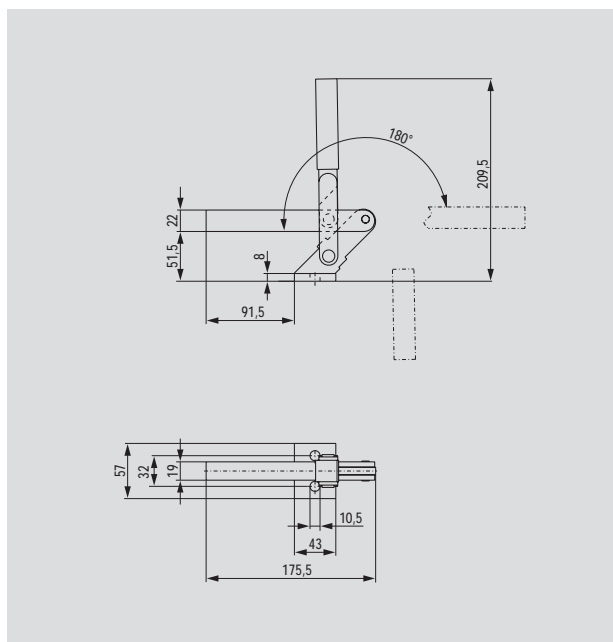
Clamping arm: Mat. C22

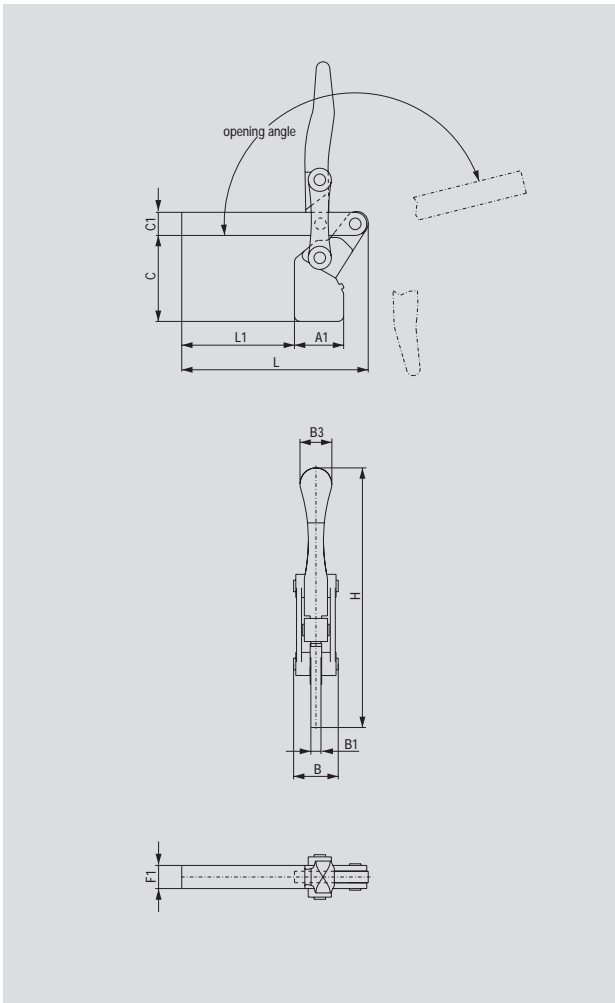


Model no.	A1	B	B1	B2	C	C1	C2	F1	H	L	L1
548	82,5	51	19	57,5	57	25,5	8	19	240	190,5	108
578	102	60,5	22	68,5	69,5	32	9,5	22	280	219	117
588	127	70	25,5	78	82,5	38	11	25,5	327	247,5	120,5

## Model 528

Model no.	↓ [N]	Opening- +10° ↗	⚖ [kg]	
528	4.500	180°	1,14	
Front attachment, see page 9.4				
Clamping arm: Mat. 35S20				





Model no.	↓ [N]	Opening- ↗ +10°	⚖️ [kg]	
558	11.000	166°	2,3	
568	15.000	166°	2,7	
Clamping arm: Mat. 35S20				



Model no.	A1	B	B1	B3	C	C1	F1	H	L	L1										
558	54	49	11	35	94.5	25.5	25.5	285	205	124										
568	54	49	11	35	85	35	25	285	204	124										

## Heavy-duty vertical clamps

- Clamping arm heavy-duty
- Base angular or straight, with hole pattern

### Application areas

This series of models are 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 moulds and similar severe clamping applications. The heavy-duty clamping arm can be shortened, welded to or holes drilled to suit the application.

### Product features

- Hardened, polished bushes
- Hardened, polished bolts
- Parts drop-forged, burnished
- Adjustable clamping arm guide
- Oil-resistant, ergonomically shaped DE-STA-CO plastic handle

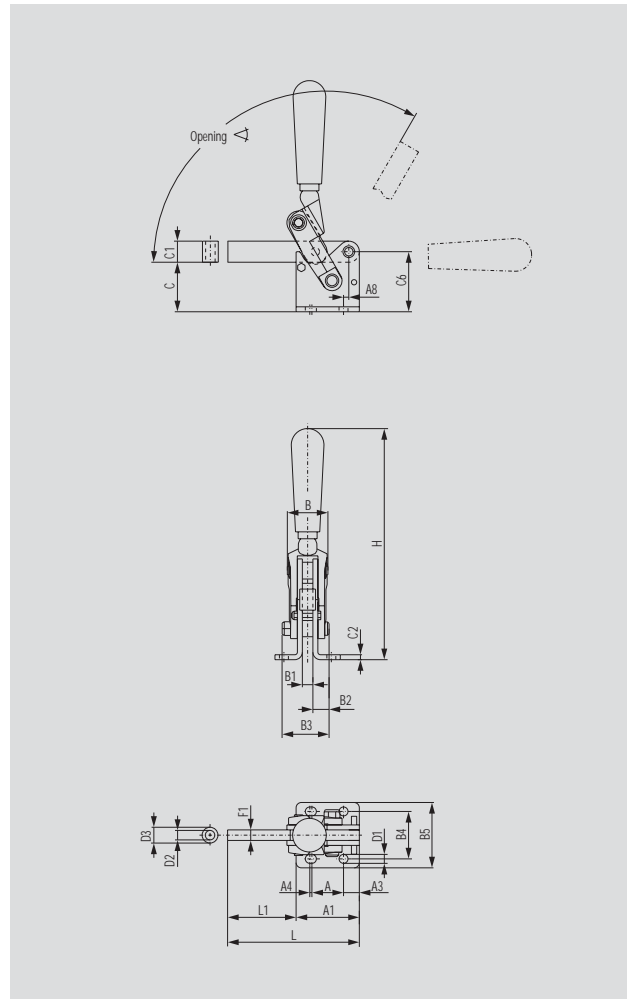
## Models 533-L, 535-L

Model no.	↓ [N]	Opening- +10°	⚖️ [kg]	Bolt retainer standard feature
533-L	7.000	120°	1	533108-M
535-L	10.000	120°	1,85	535108-M

Adjustment spindles are listed from page 10.1 onwards  
Clamping arm: Mat. St37K

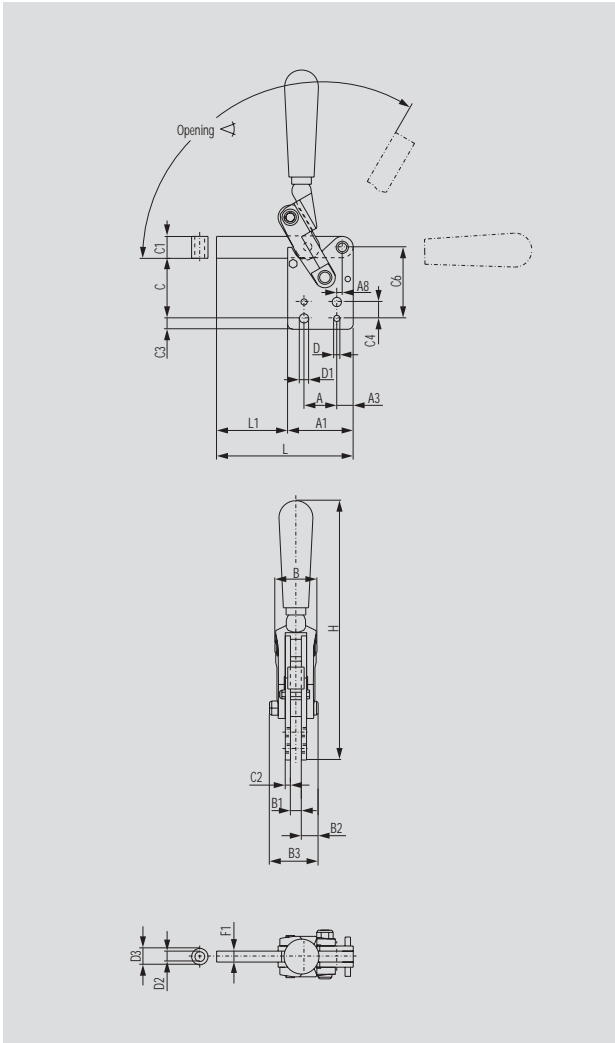


Model no.	A	A1	A3	A4	A8	B	B1	B2	B3
533-L	30	60	15	2	5	38,5	10	15,5	44,5
535-L	45	75	15	3	2,5	48	12	19,5	54



Model no.	B4	B5	C	C1	C2	C6	øD1	øD2	øD3	F1	H	L	L1						
533-L	45	62	47	20	4,7	57	8,5	9	15	10	219	125	65						
535-L	52	73	67	25	4,7	79,5	10,5	11	20	12	263,5	160	85						

# Models 533-LB, 535-LB, 536-LB



Model no.	↓ [N]	Opening- ↗ +10°	⚖️ [kg]	Bolt retainer standard feature
533-LB	7.000	120°	1	533108-M
535-LB	10.000	120°	1,85	535108-M
536-LB	13.000	120°	3,5	536108-M

Adjustment spindles are listed from page 10.1 onwards

Clamping arm: Mat. St37K



Model no.	A	A1	A3	A8	B	B1	B2	B3	C
533-LB	30	60	15	5	38,5	10	15,5	44,5	55
535-LB	45	75	15	2,5	48	12	19,5	54	75
536-LB	55	95	20	5	60	16	23	66,5	95

Model no.	C1	C2	C3	C4	C6	øD	øD1	øD2	øD3	F1	H	L	L1						
533-LB	20	4,7	10	15	65	5,7	8,5	9	15	10	237	125	65						
535-LB	25	4,7	15	20	87,5	7,7	10,5	11	20	12	286,5	160	85						
536-LB	30	6,3	15	25	110	9,7	12,5	13	22	16	334	205	110						

# Heavy-duty vertical clamps



- Clamping arm heavy duty with slotted holes
- Base heavy duty for welding

**Product features**

- Parts drop forged, burnishes, machined
- Rivets made of stainless steel

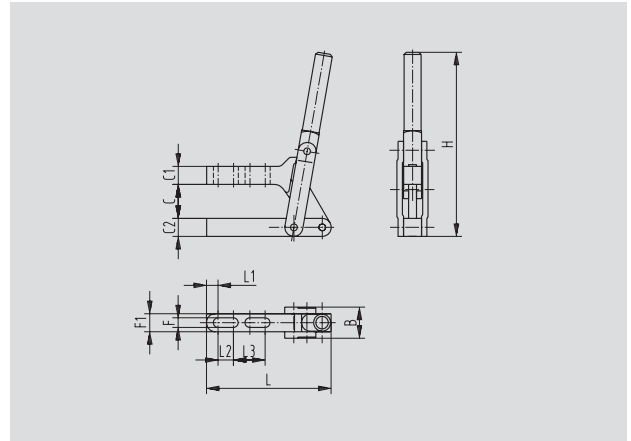
**Application areas**

These new heavy-duty, hold-down clamps offer versatility in a harsh working environment. Slotted holes along the clamping bar allow for different workholding locations. The bar is made from high-strength SAE 1045 steel. The base (made from SAE 1020 steel) can be cut or welded to suit various fixture or tooling needs. A solid bar is available upon request.

## Models GEW-15, GEW-20, GEW-30, GEW-50, GEW-60, GEW-70, GEW-90

Model no.	↓ [N]	Opening- +10°	⚖️ [kg]	🔧 Standard equipment
GEW-15	1500	70°	0,44	205203-M
GEW-20	2700	70°	0,5	205203-M
GEW-30	4200	70°	0,68	207203-M
GEW-50	4300	70°	1,31	210203-M
GEW-60	4800	70°	1,4	240203-M
GEW-70	4300	70°	1,5	240203-M
GEW-90	16.800	70°	2,77	527203-M

Additional adjustment spindles are listed from page 10.1 onwards  
Mat. C22



Model no.	B	C	C1	C2	F	F1	H	L	L1	L2	L3									
GEW-15	21	15	12,7	12,7	6,6	12,7	105	70	8	4,5	16									
GEW-20	24	20	14	14	7,8	14	143	90	10	7,8	22									
GEW-30	27,5	30	16	16	8,3	16	163	110	10,5	13,5	28									
GEW-50	34	50	19	19	11	19	210	150	13,5	19	38									
GEW-60	34	60	19	19	11	19	210	160	13,5	19	38									
GEW-70	34	70	19	19	11	19	247,5	170	13,5	10	26									
GEW-90	40	90	25,4	25,4	12	25,4	295	200	14,5	9,5	27									

# Models GEW-25-R, GEW-37-R, GEW-40-R, GEW-25-RT, GEW-37-RT, GEW-40-RT

**NEW**

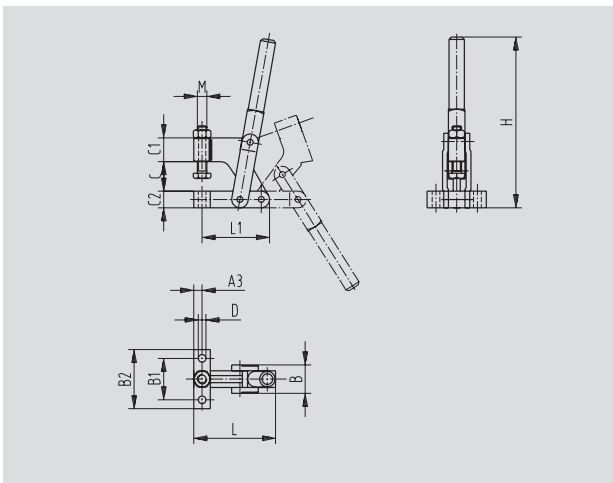
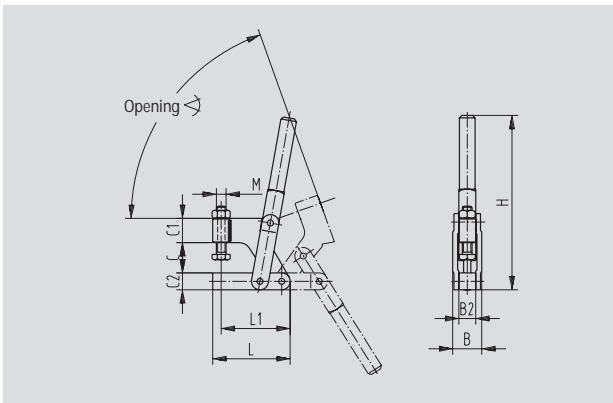
- Clamping arm heavy duty with bolt retainer
- Base heavy duty for welding (GEW-R) or screwing (GEW-RT)

### Application areas

These new heavy-duty, hold-down clamps offer versatility in a harsh working environment. Slotted holes along the clamping bar allow for different workholding locations. The bar is made from high-strength SAE 1045 steel. The base (made from SAE 1020 steel) can be cut or welded to suit various fixture or tooling needs. A solid bar is available upon request.

### Product features

- Parts drop forged, burnishes, machined
- Rivets made of stainless steel



Model no.	↓ [N]	Opening- ↙ +10°	⚖️ [kg]	🔩 Standard equipment
GEW-25-R	1500	70°	0,36	441203-M
GEW-25-RT	1500	70°	0,4	441203-M
GEW-37-R	5500	70°	0,55	207203-M
GEW-37-RT	5500	70°	0,68	207203-M
GEW-40-R	4500	70°	1,32	210203-M
GEW-40-RT	4500	70°	1,5	210203-M

Additional adjustment spindles are listed from page 10.1 onwards

Mat. C22



Model GEW 25-R



Model GEW 25-RT

Model no.	A3	B	B1	B2	C	C1	C2	øD	H	L	L1	M							
GEW-25-R		24		14	25	20	14		143	64	57	M8							
GEW-25-RT	7	24	35	50	25	20	14	6,6	143	64	57	M8							
GEW-37-R		27		16	37	19	16		163	67	59	M8							
GEW-37-RT	8	27	45	60	37	19	16	6,6	163	67	59	M8							
GEW-40-R		33,5		19	40	30	19		210	116	108	M10							
GEW-40-RT	9,5	33,5	50	70	40	30	19	8,3	210	116	108	M10							



## Vertical clamps in modular design

- Clamping arm for welding on
- Handle for welding on
- Base plate for welding on
- Base in swivelling version or with mounting plate
- With locking spring for opening position as LSC version

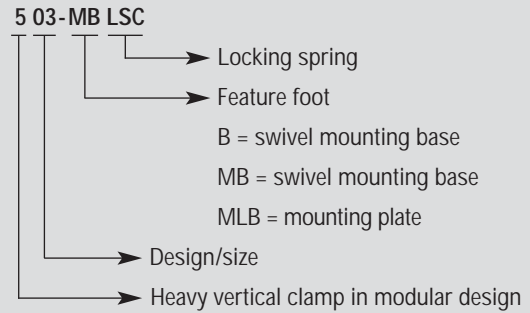
### Application areas

Plate individually to suit the requirements of your fixture. The parts are welded onto the basic body accordingly. This series of models is especially robust and precise due to its manufacturing process. The most difficult clamping tasks are easily fulfilled. These highly flexible vertical clamps are therefore especially suitable for welding operations in the automobile manufacturing sector, for milling operations, for locking foam moulds and containers, and for all applications in which precision and high forces are required.

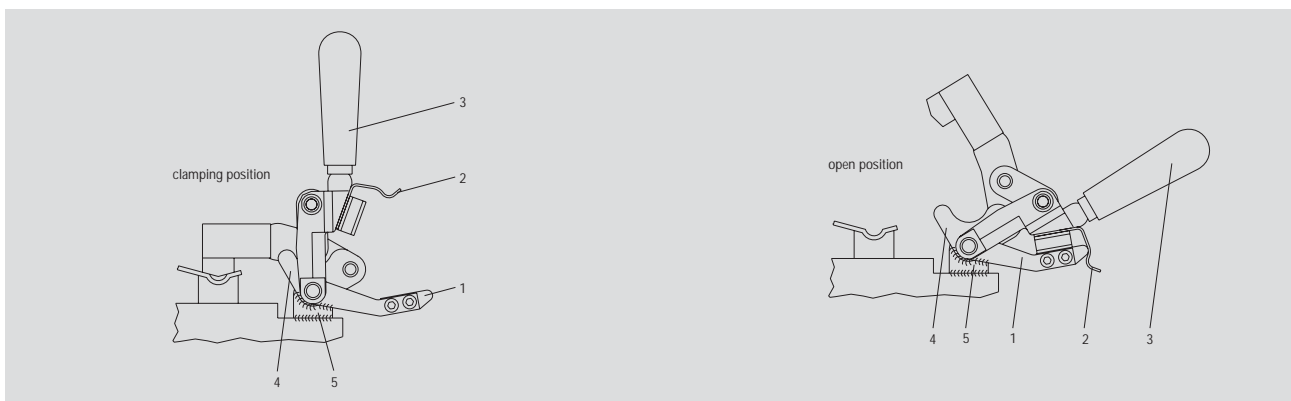
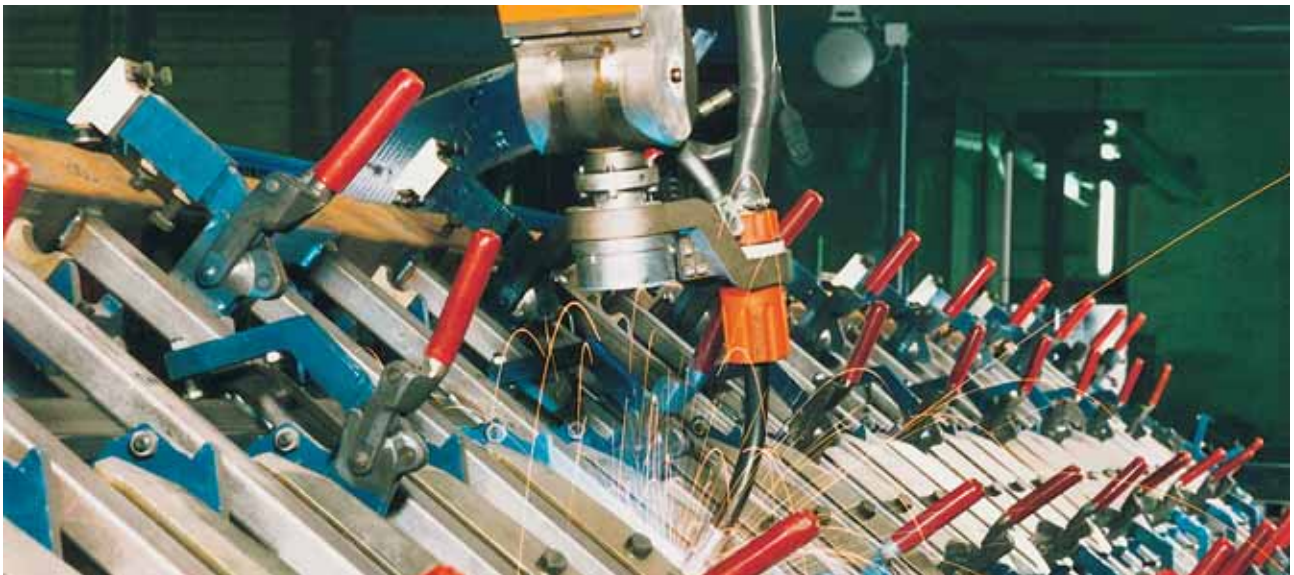
### Product features

- Hardened, polished bushes
- Hardened, polished bolts
- Parts drop-forged, burnished
- Adjustable clamping arm limit stop in the case of several models

### Model number code

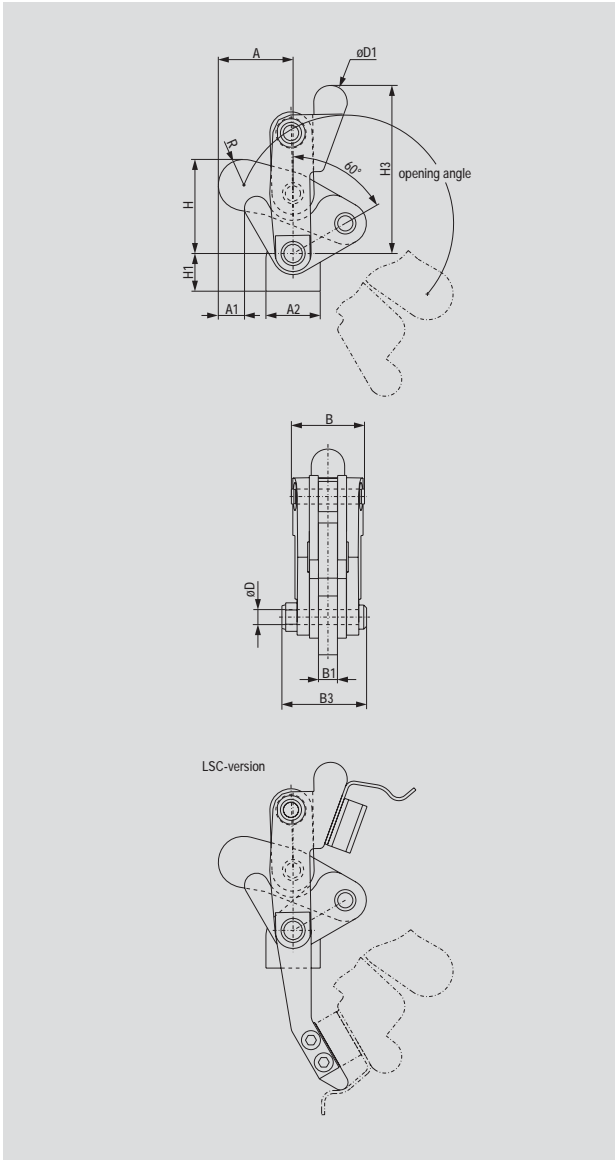


Model 505-MLB in a robot-type welding fixture



### Patented hold-open device

1. Mount and close the clamp
2. Weld guide links ④ with the base ⑤
3. Weld the base ⑤ with the fixture
4. Lock the limit stop ① in the leaf spring ②
5. Set the clamp in the desired opening position
6. Maintain this position and weld the limit stop ① with the side clamp arm guide links ④ at point ③



Model no.	↓ [N]	Opening- ↗ +10°	⚖️ [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

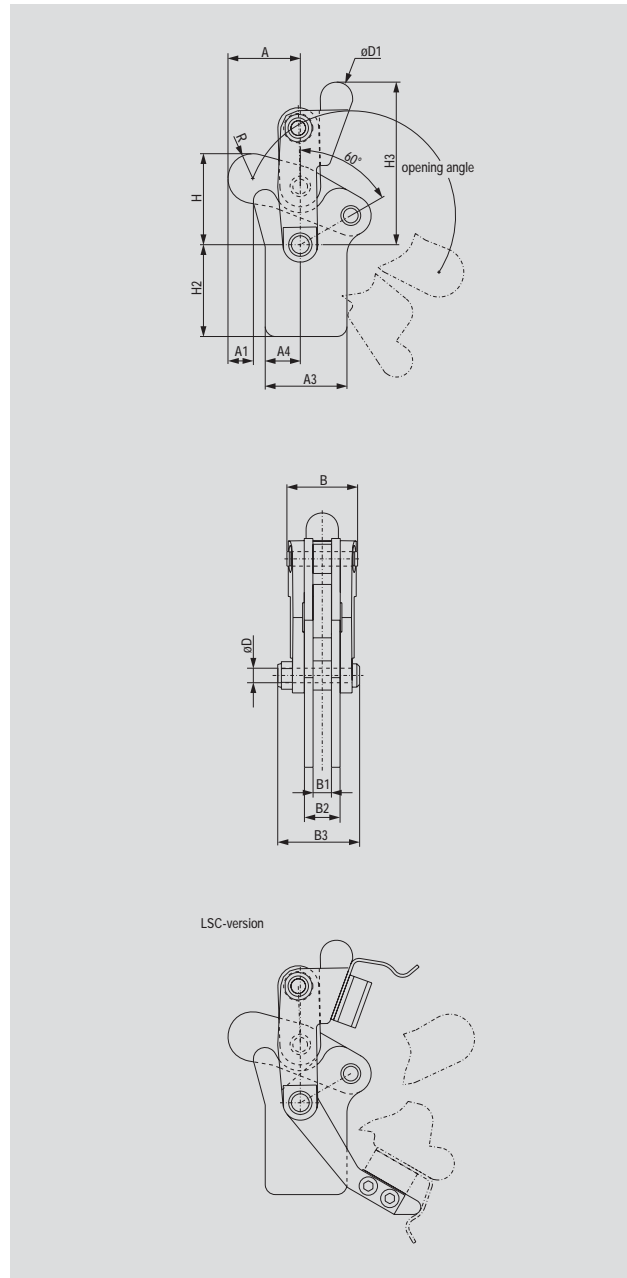
Mat. C22



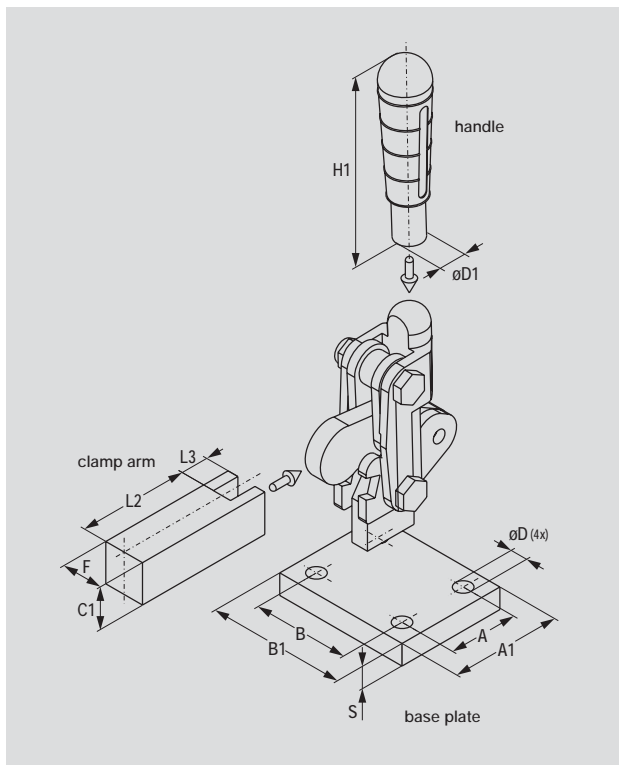
Model no.	A	A1	A2	B	B1	B3	øD	øD1	H	H1	H3	R
501-B	28,5	15	19	20	6,5	28	5	12,7	28,5	20	56	9,5
503-MB	39,5	14	28,5	38,5	10	44,5	8	17,5	49,5	20	88,5	13,5
503-MBLSC	39,5	14	28,5	38,5	10	44,5	8	17,5	49,5	20	88,5	13,5
505-MB	56,5	25,5	35	48	12,3	56	9,5	22	71	28	110	18,5
505-MBLSC	56,5	25,5	35	48	12,3	56	9,5	22	71	28	110	18,5
506-MB	72	32,5	51	60	16	66,5	12,7	28,5	87,5	33	135,5	21,5
506-MBLSC	72	32,5	51	60	16	66,5	12,7	28,5	87,5	33	135,5	21,5

## Models 501, 503, 505, 506

Model no.	↓ [N]	Opening- +10°	⚖️ [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	
Mat. C22				



Model no.	A	A1	A3	A4	B	B1	B2	B3	øD	øD1	H	H2	H3	R					
501-LB	28,5	15	27	13,5	20	6,5	13	28	5	12,7	28,5	33,5	56	9,5					
503-MLB	39,5	14	44,5	19	38,5	10	19,5	44,5	8	17,5	49,5	50	88,5	13,5					
503-MLBLSC	39,5	14	44,5	19	38,5	10	19,5	44,5	8	17,5	49,5	50	88,5	13,5					
505-MLB	56,5	29	53	27,5	48	12,3	21,5	56	9,5	22	71	63,5	110	18,5					
505-MLBLSC	56,5	29	53	27,5	48	12,3	21,5	56	9,5	22	71	63,5	110	18,5					
506-MLB	72,5	35,5	65,5	37	60	16	28,5	67	12,7	28,5	87,5	76	135,5	21,5					
506-MLBLSC	72,5	35,5	65,5	37	60	16	28,5	67	12,7	28,5	87,5	76	135,5	21,5					




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

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

### Important note

For reasons of strength, the parts made of carbon-containing steels have been manufactured in burnished form.

The forged parts must be heated up to 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. For welding in the cold state, welding additives must be used.

Completion parts		Handle Mat. St	Clamping arm Mat. C35				Baseplate Mat. C35					Order no.	
			C1	F	L2	L3	A	A1	B	B1	$\varnothing D$		S
Series 501 (all models)	$\square 6 \times 10$	61	-	-	-	-	-	-	-	-	-	-	501503
	-	-	15	15	40	10	-	-	-	-	-	-	501501
Model 501-B	-	-	-	-	-	-	25	40	35	50	6.3	8	503502
Series 503 (all models)	$\varnothing 18$	104.5	-	-	-	-	-	-	-	-	-	-	503503
	$\varnothing 18$	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)	$\varnothing 22$	114	-	-	-	-	-	-	-	-	-	-	505503
	$\varnothing 22$	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)	$\varnothing 28$	123	-	-	-	-	-	-	-	-	-	-	506503
	$\varnothing 28$	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



- Variable workpiece thickness
- Clamping arm heavy duty
- Base bended

### Application areas

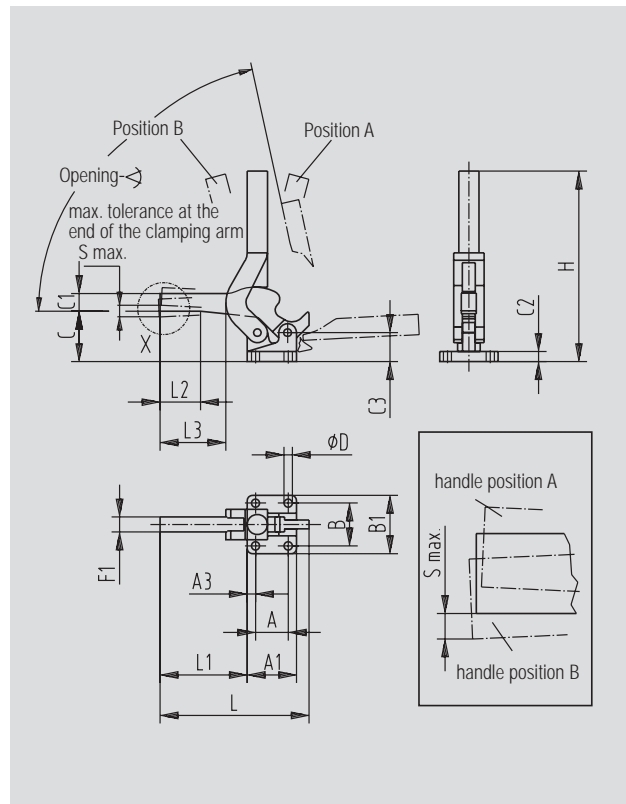
The DE-STA-CO cam clamps have a high-to-low limit clamping range that automatically compensates for part thickness variation and therefore eliminates time-consuming readjustments. The cam action resists vibrational loosening. They are built to take abuse. The clamps are available in six sizes. Part variation thickness allowance is from 4 to 12 mm.

### Product features

- Parts casted
- Parts burnished
- Hardened bushings
- Includes mounting holes

Model-no.	↓ [N]	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
7-61*	16.400	90°	6,8
7-62*	24.400	80°	9

\* Upon request



Model-no.	A	A1	A3	B	B1	C	C1	C2	C3	ØD	F1	H	L	L1	L2	L3	S max.
7-101	19	32	6,5	31,8	44,5	39,7	9,6	8	25,4	5,5	12,5	127	117,5	79,5	-	70-80	4
7-58	25,4	43	8,6	41,1	57	47,5	14,2	9,7	28,5	7	12,7	176	177,5	65,5	-	35-55	4
7-59	35	52,3	9,6	47,8	63,5	55,5	16	11,2	31,7	8,7	16	216	152,5	88	31,5	50-85	5
7-60	41,2	62	11,2	53,8	73	63,5	22,4	12,7	36,5	10,3	19	240	188	110	50	65-105	6
7-61	50,8	76,2	12,7	89	114,5	72,5	31,8	15,7	42,6	13,5	28,4	354	248	150,7	-	85-145	9
7-62	63,5	89	12,7	101,6	133,5	85,8	38,1	17,5	46	13,5	38,1	380	309,5	189	-	100-180	12