

Product group – special clamps

Application areas

Special clamps are variants of the standard products that are adapted to suit special applications according to the requirements of the market. Here the know-how and many years of experience of DE-STA-CO with respect to customer-specific solutions is clearly demonstrated.

As a result, these models are therefore also used during assembling, drilling, testing, positioning, milling, gluing, locking of covers and much more.

Special clamps are divided in the following product groups

- Vertical clamps with attachments for use in fixtures with limited assembly options
- Clamps with extremely large opening angles
- Plier clamps for special, stationary uses
- Straight line action clamps in various designs for stabilisation of the push rod and for individual adaptation to suit the space conditions in your fixture

Model 210-U with adapted retaining arm in a testing fixture



Vertical clamps with front attachment

n Clamping arm U-shaped or solid

Application areas

In all sectors of the assembly industry in which clamping work is performed with holding forces of up to 4.500 N. For example, assembling, drilling, testing, positioning, milling and other processing operations.

Product features

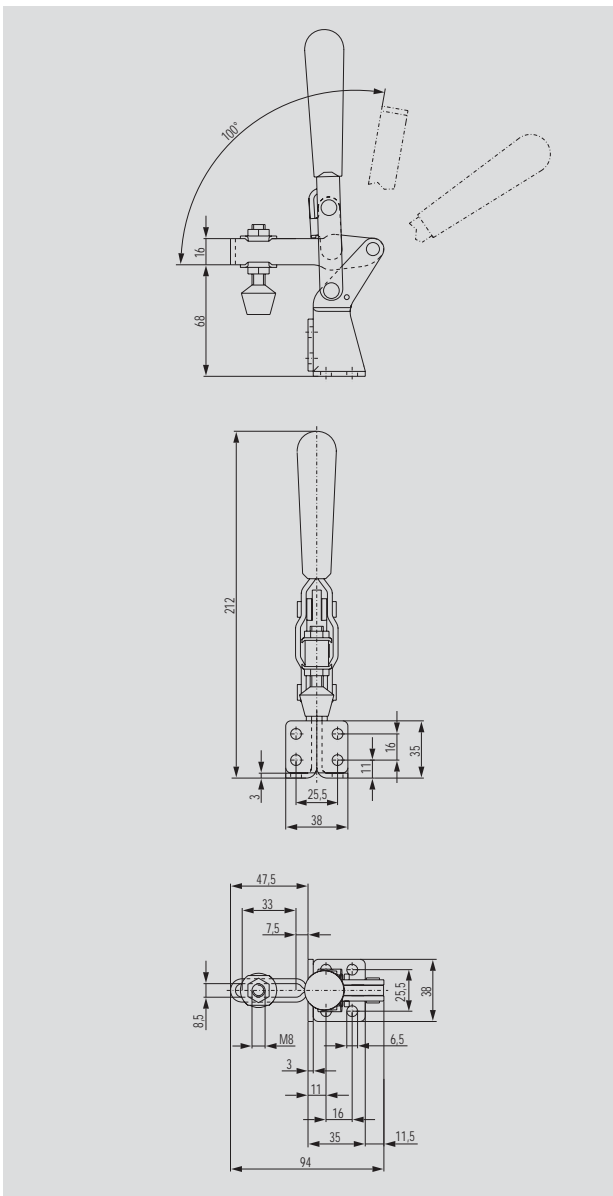
- n Torsion-protected, hardened bushes
- n Rivets made of stainless steel
- n Parts specially galvanised
- n Oil-resistant, ergonomically shaped DE-STA-CO plastic handle

Accessories

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

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

Model 207-UF



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

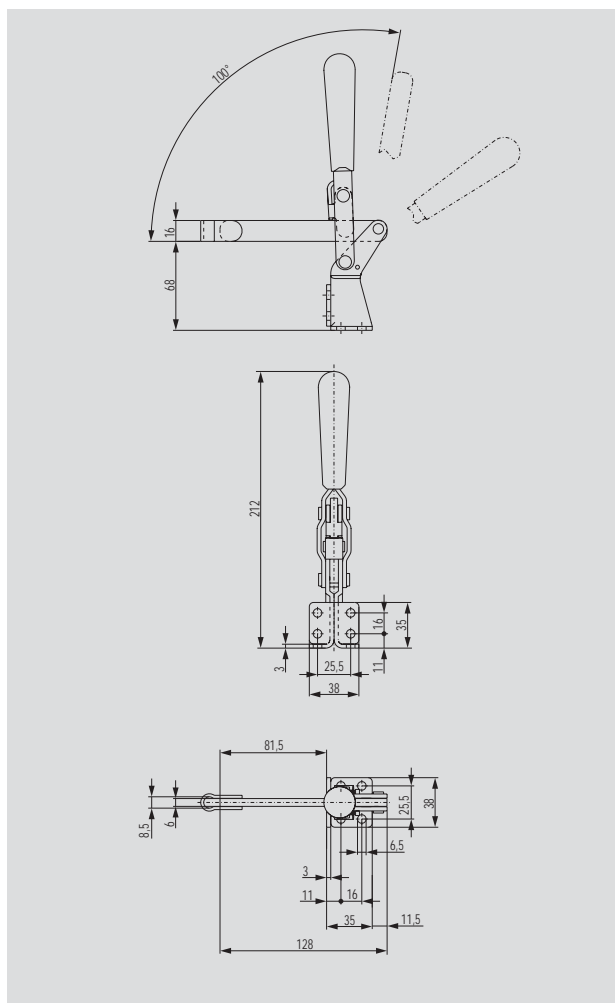
Additional adjustment spindles are listed from page 10.1 onwards

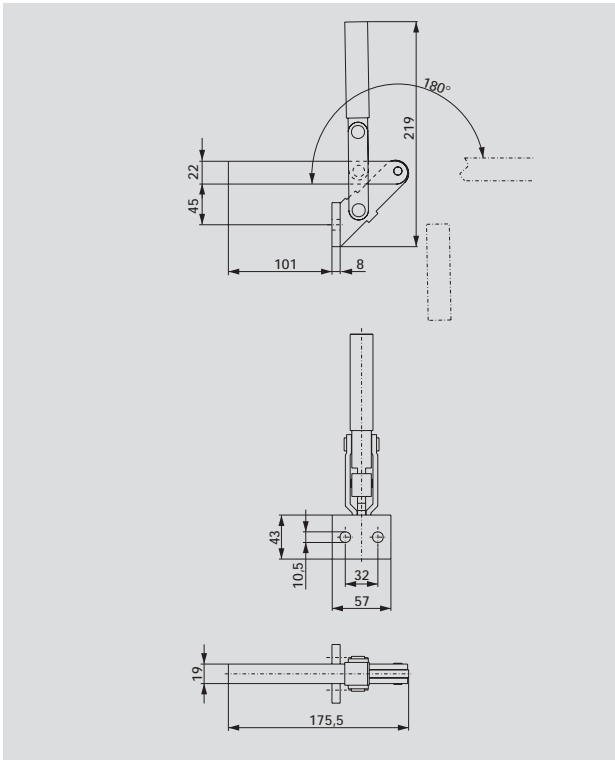


Model 207-SF

Model no.	↓ [N]	Opening- +10°	⚖️ [kg]
207-SF	2.000	100°	0,38

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





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



With very large opening angle

Application areas

In all sectors of the assembly industry in which clamping work is performed with holding forces of up to 1.900 N. For example, assembling, drilling, testing, positioning, milling and other processing operations.

Product features

- Extremely large opening angle
- Handle position is identical in clamping position and opening position
- Torsion-protected, hardened bushes
- Rivets made of stainless steel
- Parts specially galvanised
- Oil-resistant, ergonomically shaped DE-STA-CO plastic handle

Accessories

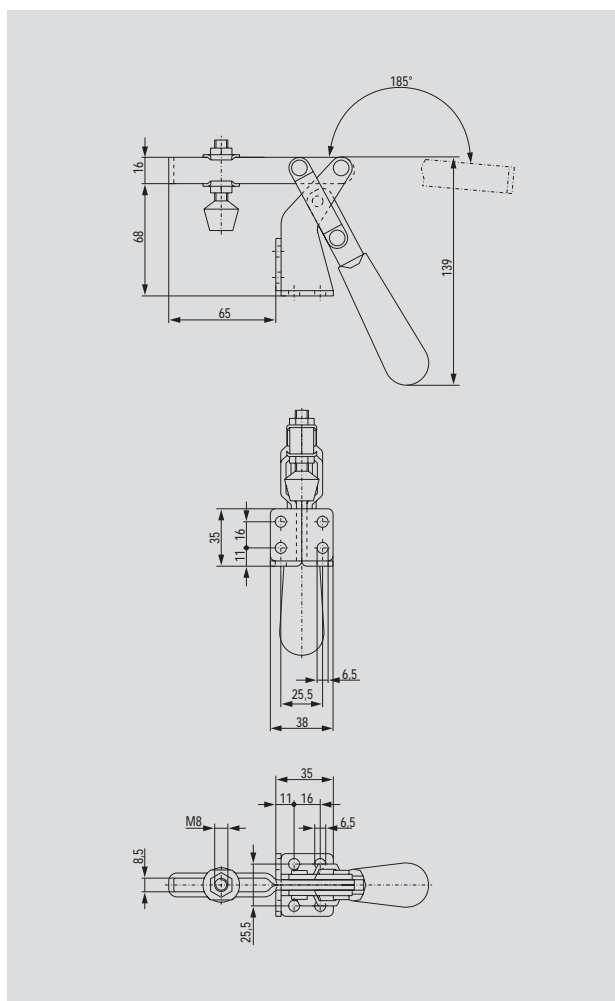
Vertical clamps with a U-shaped clamping arm can be ordered in two variants:

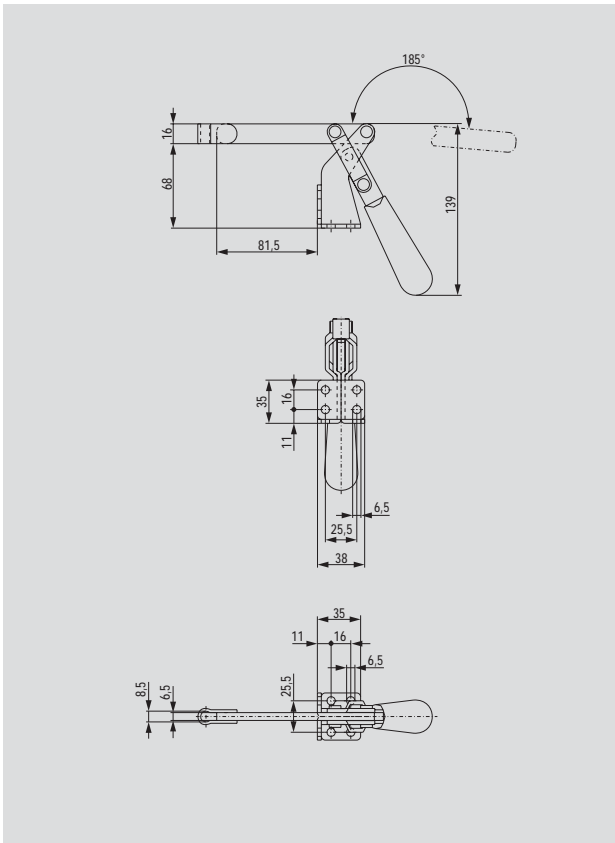
- Standard model number: The matching standard adjustment spindle is included in the scope of delivery
- Model number contains the addition "-LS": The model is delivered with two flange washers without an adjustment spindle.

Model 317-U

Model no.	↓ [N]	Opening- +10°	⚖️ [kg]	🔧 Standard equipment
317-U 317-U-LS	1.700	185°	0,34	225208-M without spindle

Additional adjustment spindles are listed from page 10.1 onwards





Model no.	↓ [N]	Opening- ↗ +10° [°]	⚖️ [kg]	
317-S	1.900	185°	0,34	
Additional adjustment spindles are listed from page 10.1 onwards				
Clamping arm: Mat. St37-K				



With very large opening angle

- n Clamping arm heavy-duty
- n With angular foot or front attachment

Application areas

In all sectors in which clamping work is performed with holding forces of up to 11.000 N. Due to their design, these models are especially suitable for service use in extremely severe work environments. For example, assembling, drilling, testing, positioning, milling and other processing operations.

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

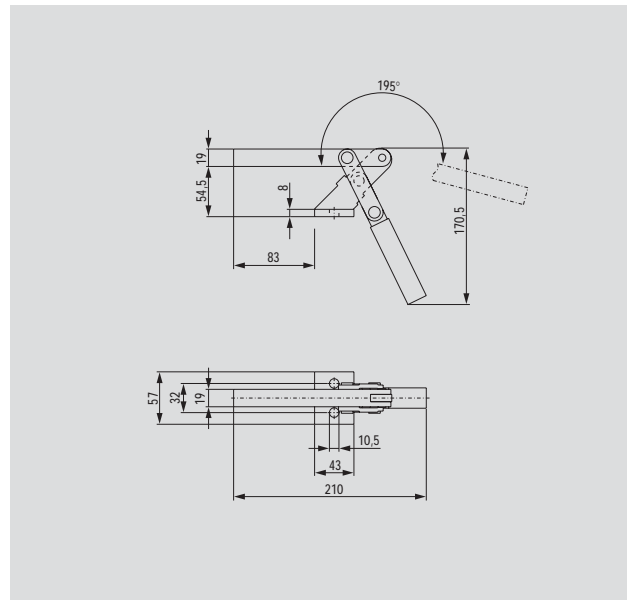
Product features

- n Extremely large opening angle
- n Handle position is identical in clamping position and opening position
- n Torsion-protected, hardened bushes
- n Rivets made of stainless steel

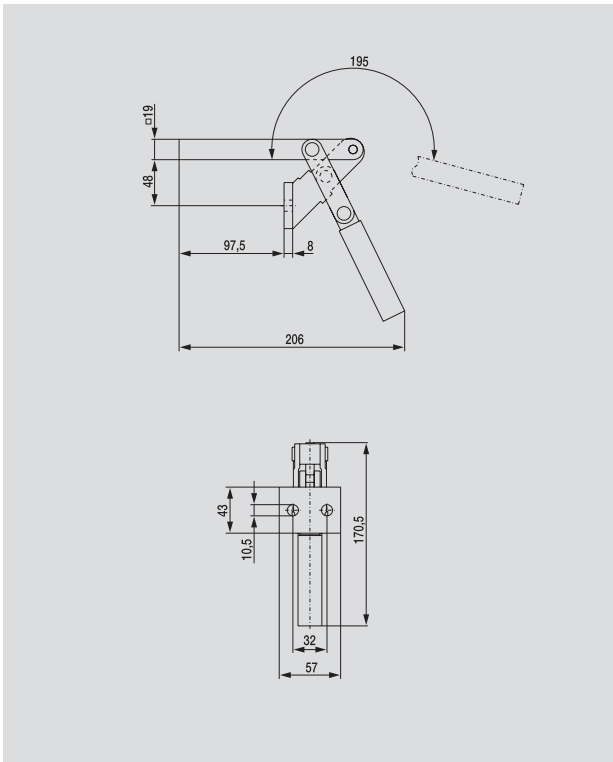
Model 527

Model no.	↓ [N]	Opening- +10°	⚖️ [kg]
527	4.500	195°	1,14

Clamping arm: Mat. 35S20



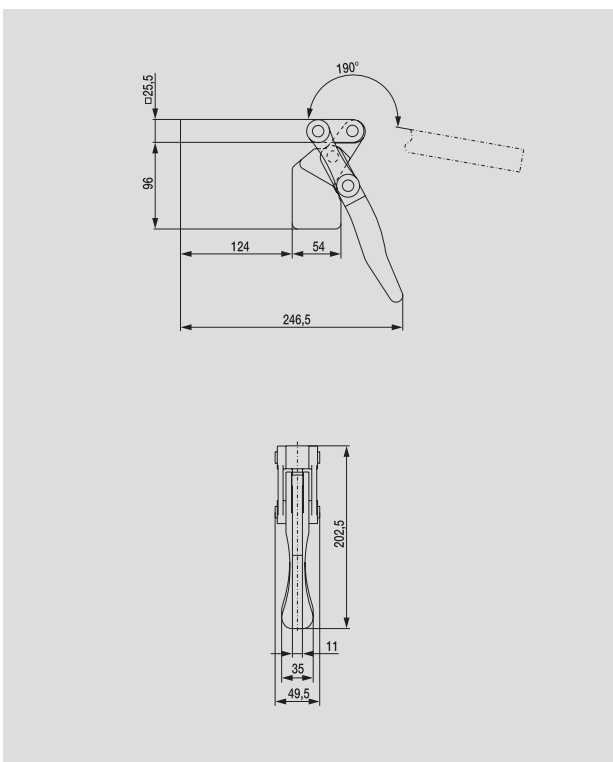
Model 527-F



Model no.	↓ [N]	Opening- ↗ +10°	⚖️ [kg]	
527-F	4.500	195°	1,14	
Clamping arm: Mat. 35S20				



Model 557



Model no.	↓ [N]	Opening- ↗ +10°	⚖️ [kg]	
557	11.000	190°	2,3	
Clamping arm and Base: Mat. 35S20				



Straight line action clamps

Application areas

In all sectors in which work is performed with compressive and tensile forces of up to 3,600 N. For example, gluing, soldering, assembling, drilling, testing, positioning and other processing operations.

Due to the special design of the push rod and the variable method of installation with regard to the models mentioned below, complete flexibility in the fixture design is possible.



Product features

- Rivets made of stainless steel
- Parts specially galvanised
- Oil-resistant, ergonomically shaped DE-STA-CO plastic handle

Accessories

- Straight line action clamps are delivered without adjustment spindles. Recommendations are provided.
- Whenever required, the spindle can be purchased as an accessory part

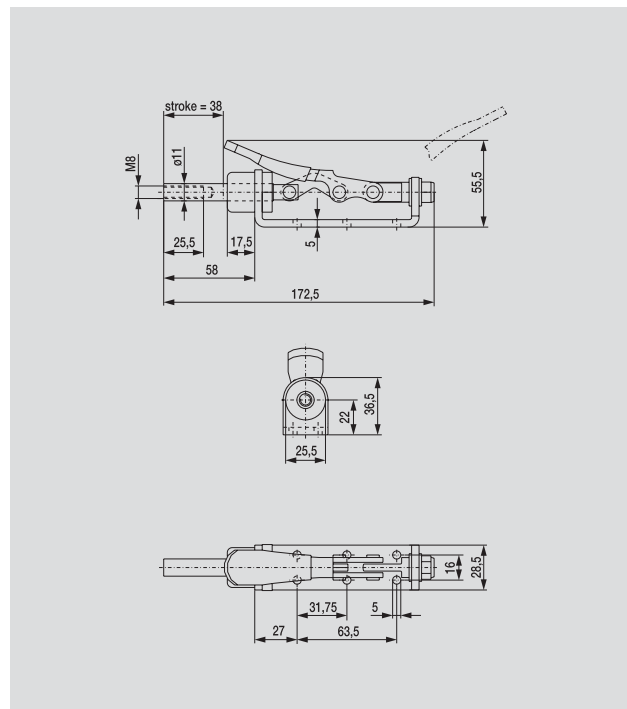
Model 606-M

Model no.	Handling force (push) [N]	Stroke [mm]	 [kg]	 recommendation
606-M	2.000	38	0,31	207203-M

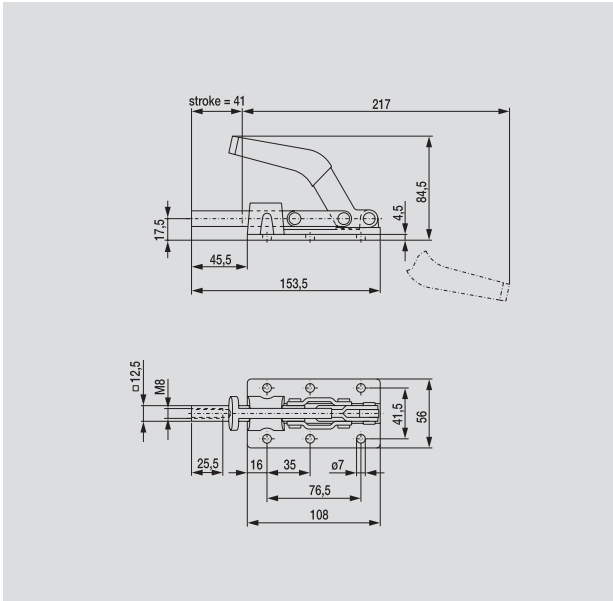


Feature

Handle and push rod can be rotated in radial direction.



Model 607-SQM



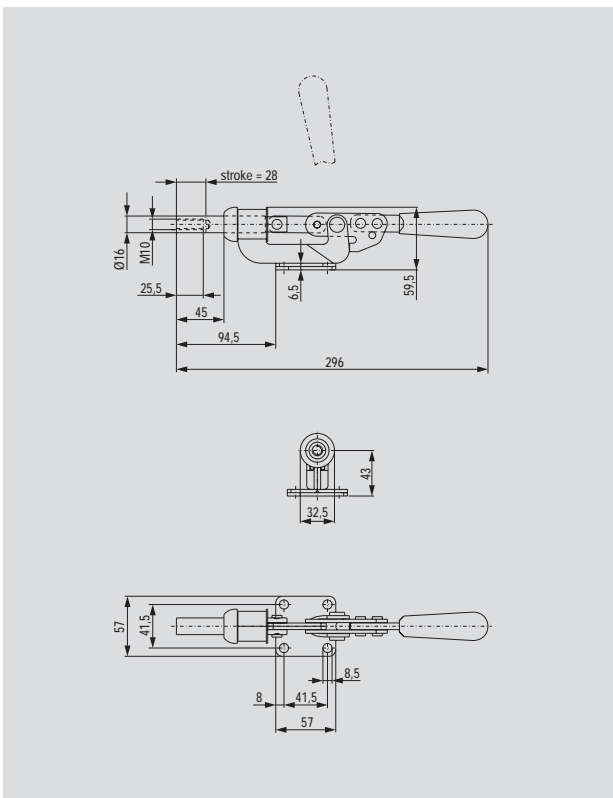
Model no.	[N]	Stroke [mm]	[kg]	recommendation
607-SQM	3.600	41	0,63	207203-M



Feature

With square pushrod for accurate positioning

Model 620-M



Model no.	Handling force (push) [N]	Stroke [mm]	[kg]	recommendation
620-M	2.700	28	0,68	210203-M



Feature

Handle and push rod move in opposite directions.

Plier clamps

Application areas

In all sectors in which high flexibility during the clamping operation is demanded. The models listed below can be used in stationary form as well as in free form. Due to their design, these models are suitable, for example, for the locking of containers, flaps, etc.





Product features

- n Rivets made of stainless steel
- n Parts cast
- n Oil-resistant, ergonomically shaped DE-STA-CO plastic handle

Note with reference to model 325

Upon request, this model can also be delivered in stainless steel under the model number 325-SS.

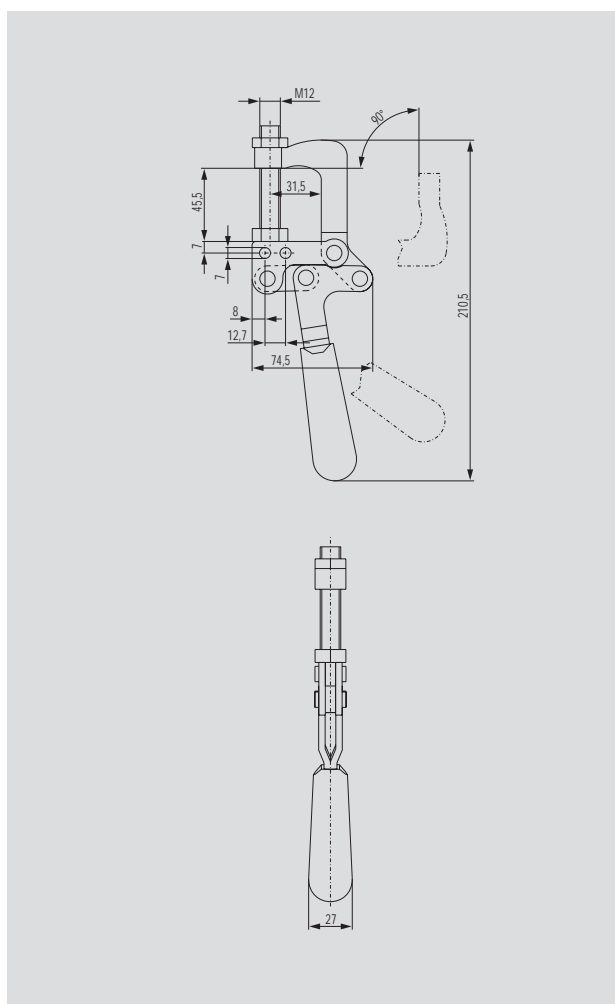
Model 325

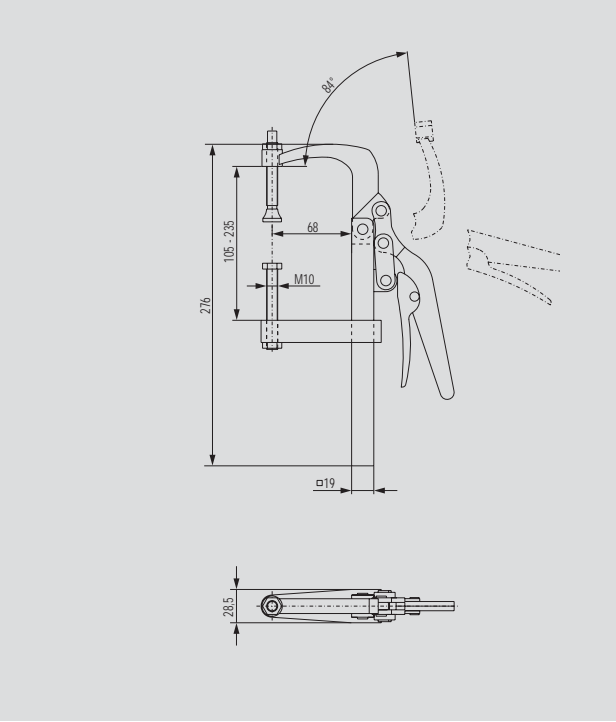
Model no.	 [N]	Opening-  +10°	 [kg]	 Standard equipment
325	3.600	90°	0,45	220203-M





Feature

Using the fastening drilled holes $\varnothing 7$, this model can also be used in stationary form.





Model no.	 [N]	Opening-  +10°	 [kg]	 Standard equipment
345-G	3.600	84°	1,4	468206-M 210203-M



Feature

The heavy-duty square foot permits a large adjustment range. When welded together, this model is also suitable for stationary service use.