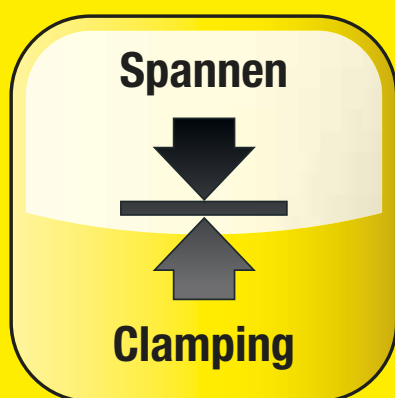


MANUAL CLAMPS



**PRODUCT
PORTFOLIO**

Nomenclature	4
1. Vertical action heavy duty toggle clamp	1 – 1
2. Vertical action	2 – 1
3. Horizontal action	3 – 1
4. Plunger action	4 – 1
5. Hook clamps	5 – 1
6. Locators	6 – 1
7. Plier action	7 – 1
General accessories	8 – 1

TS – V – 270 – xxx

Type – Series – Holding force – Specification

Type: TS – TÜNKERS standard

Series:

- V-HD – vertical heavy-duty
- V – vertical
- H – horizontal
- P – plunger
- HC – hook clamp
- L – locators
- G – gripper (or squeeze)

Holding Force: daN

Specification:

- S – Solid bar with lateral mounting
- SB – Solid bar with base mounting
- UB – U-bar with base mounting
- WB – Weldable bush with base mounting
- U – U-bar with lateral mounting
- SL – Safety lever
- Lxxx – Length of the bar
- M8 – M8-70 spindle supplied
- TM – Template mounting
- FM – Flexible mounting
- H – Horizontal (for hook clamps)
- V – Vertical (for hook clamps)
- 90L – 90 degrees lever
- CJ – Customized jaw
- JW – Jaw width for Squeeze type clamps
- BWxx.1 – Bar width with 0° clamp arm
- BWxx.2 – Bar width with 90° clamp arm
- NM – Nose mounted

Product Description

The TÜNKERS TS-V-HD series of automotive toggle clamps are designed to withstand heavy duty applications in the manufacturing ensuring high clamping forces and long service life.

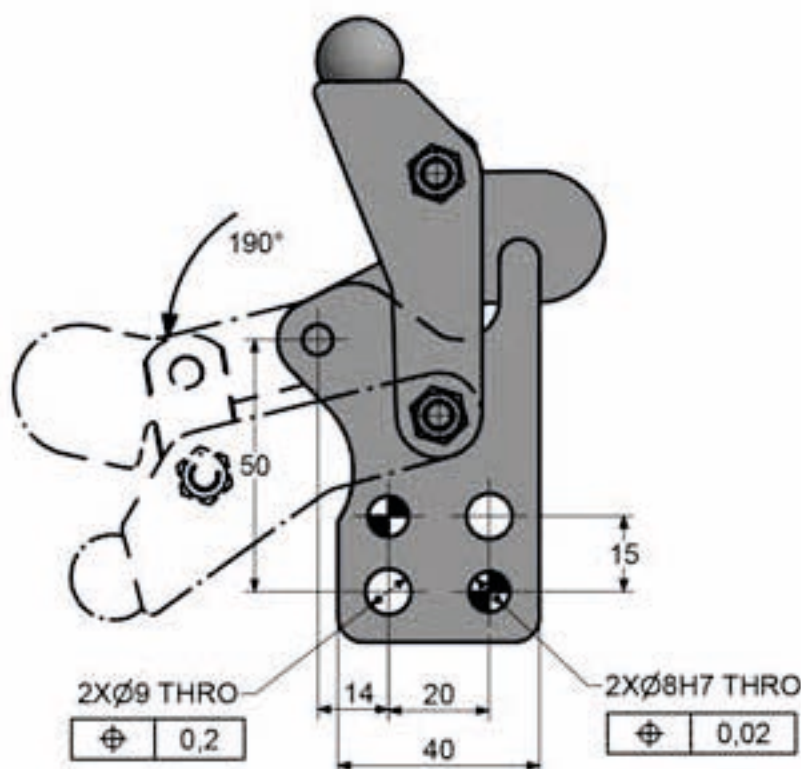
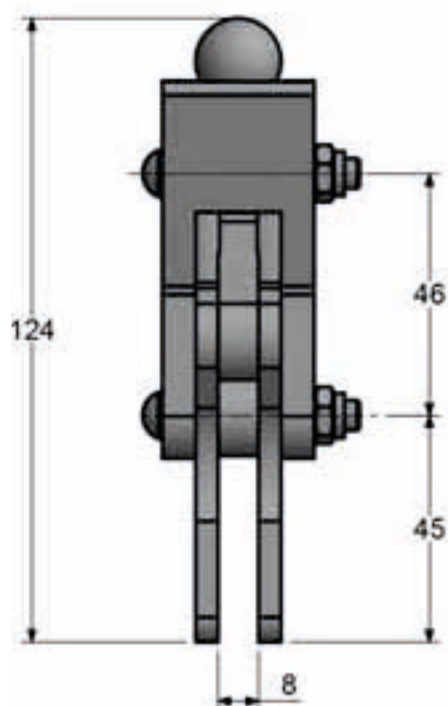
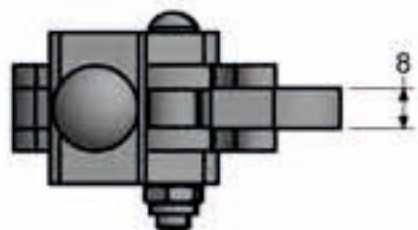
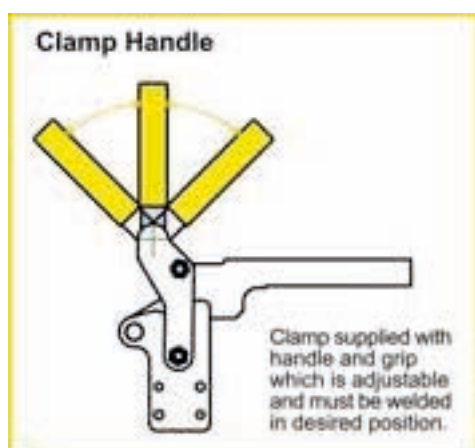
Modular and durable design with straight or angulated base, possibility of welding the handles/arms in different angles a.o. with holding forces from 600 to 2.500 daN enables design engineers to find flexible solutions for each application.

Chapter Overview

TS – V – HD – 600 – 00 357816	1 – 2
TS – V – HD – 800 – 00 357817	1 – 3
TS – V – HD – 1300 – 00 357818	1 – 4
TS – V – HD – 2500 – 00 357819	1 – 5
TS – V – HD – 800 – FM 357820	1 – 6
TS – V – HD – 1300 – FM 357821	1 – 7
TS – V – HD – 2500 – FM 357822	1 – 8
TS – V – HD – 600 – SB 357823	1 – 9
TS – V – HD – 600 – WB – L60 357824	1 – 10
TS – V – HD – 800 – S 357825	1 – 11
TS – V – HD – 800 – SB 357826	1 – 12
TS – V – HD – 800 – SB – L125 357827	1 – 13
TS – V – HD – 1300 – S 357828	1 – 14
TS – V – HD – 1300 – SB 357829	1 – 15
TS – V – HD – 1300 – SB – L135 357830	1 – 16
TS – V – HD – 2500 – S 357831	1 – 17
TS – V – HD – 2500 – SB 357832	1 – 18
TS – V – HD – 800 – BW15.1 – 70 357833	1 – 19
TS – V – HD – 800 – BW15.2 – 43 357834	1 – 20
TS – V – HD – 1300 – BW15.1 – 97 – A 357835	1 – 21
TS – V – HD – 1300 – BW15.2 – 46 – A 357836	1 – 22
TS – V – HD – 2500 – BW16.1 – 136 357837	1 – 23
TS – V – HD – 2500 – BW16.1 – 181 357838	1 – 24
TS – V – HD – 2500 – BW16.2 – 51 357839	1 – 25
TS – V – HD – 2500 – BW20.1 – 136 357840	1 – 26
TS – V – HD – 2500 – BW20.1 – 181 357841	1 – 27
TS – V – HD – 2500 – BW20.2 – 51 357842	1 – 28
Accessories	1 – 29



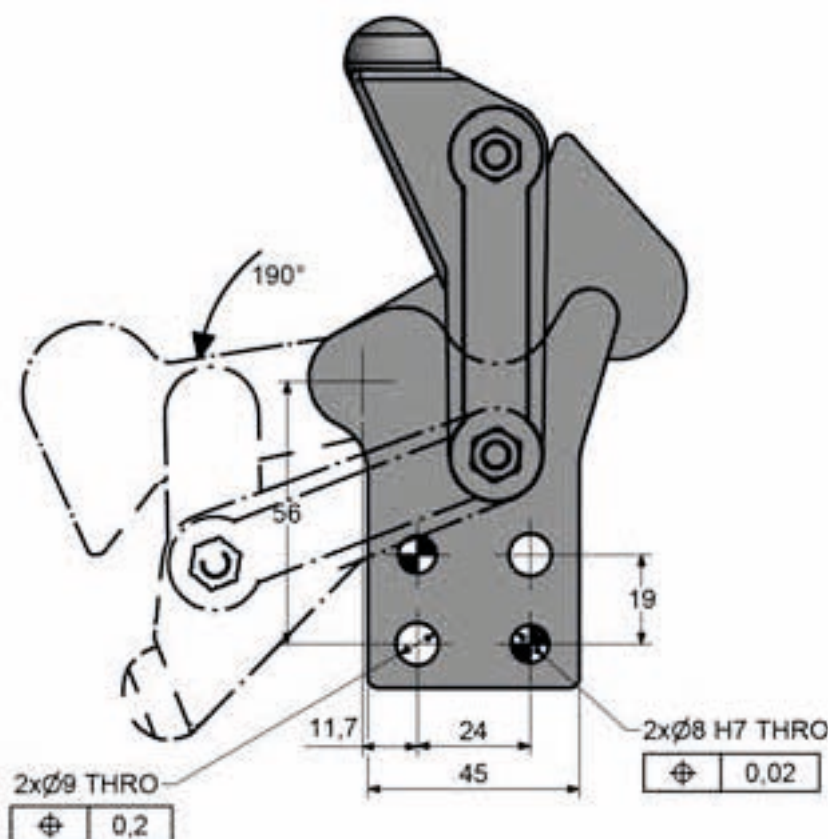
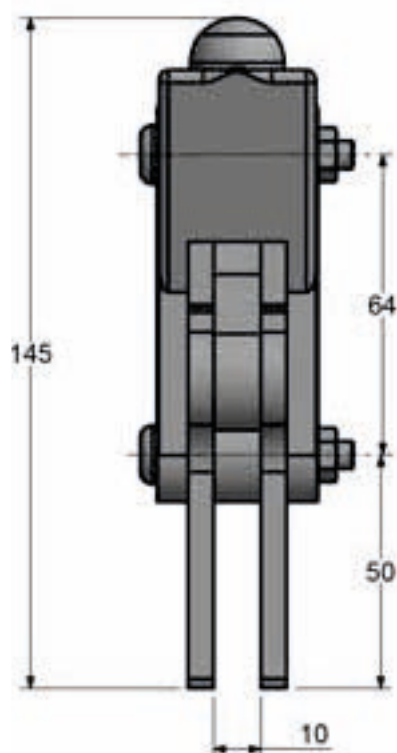
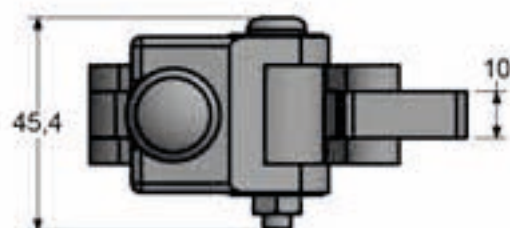
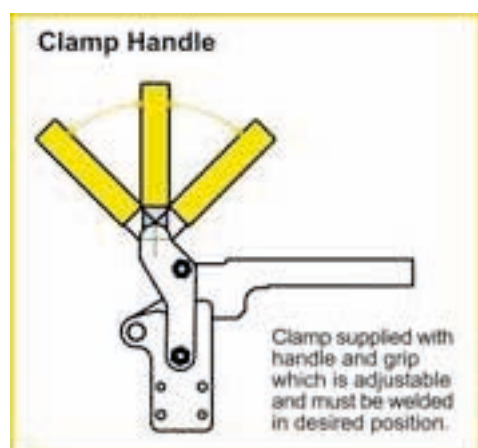
Material	Heavy gauge steel Hardened pins and bushes
Finish	Chemi-Blackened
Supplied with	–
Max holding force	800 daN
Weight	0.75 Kgs
Stroke	–
Clamping Pressure	190 daN



Material	Heavy gauge steel Hardened pins and bushes
Finish	Chemi-Blackened
Supplied with	–
Max holding force	800 daN
Weight	0.75 Kgs
Stroke	–
Clamping Pressure	190 daN

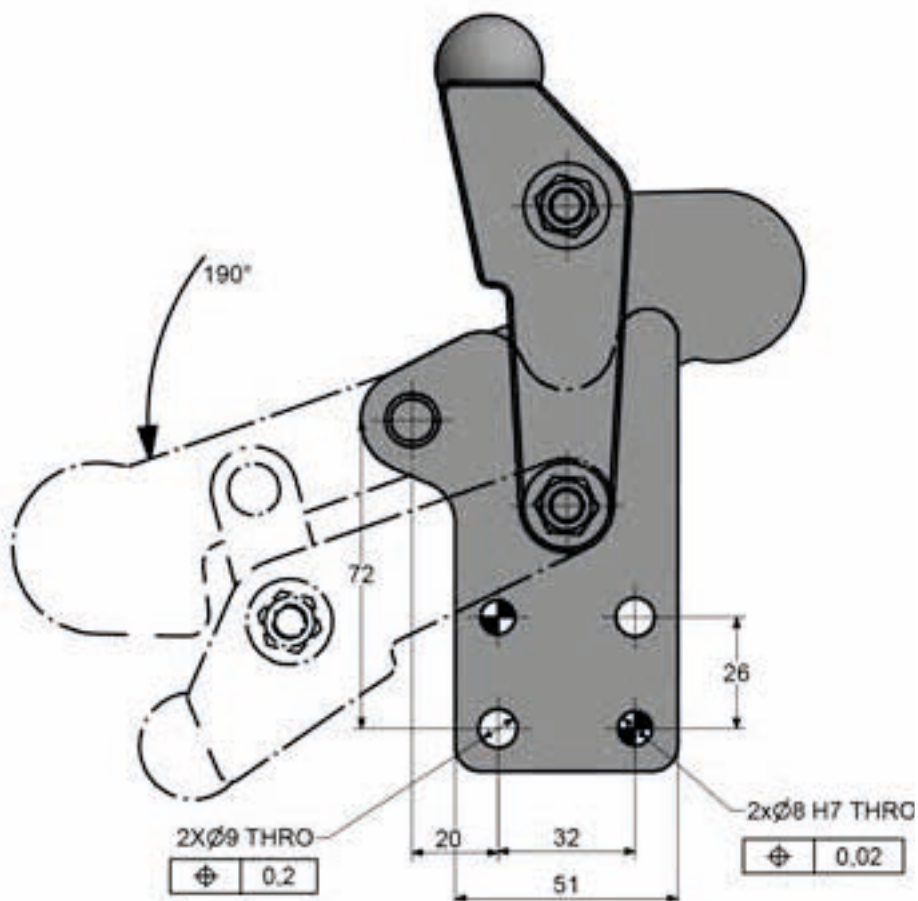
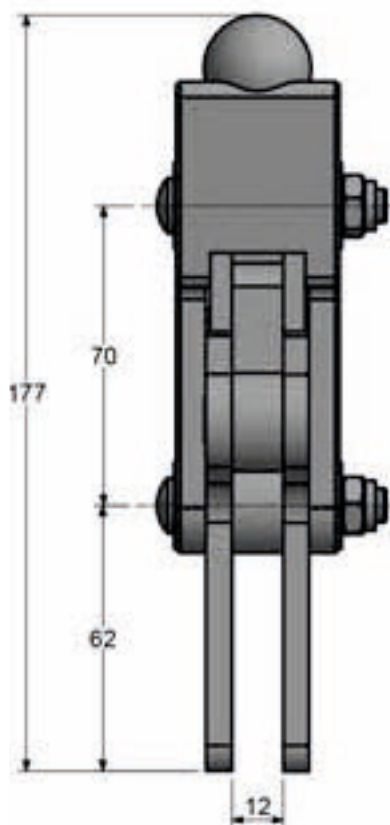
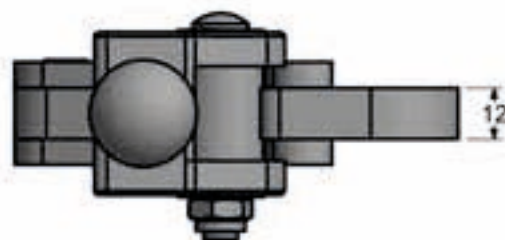
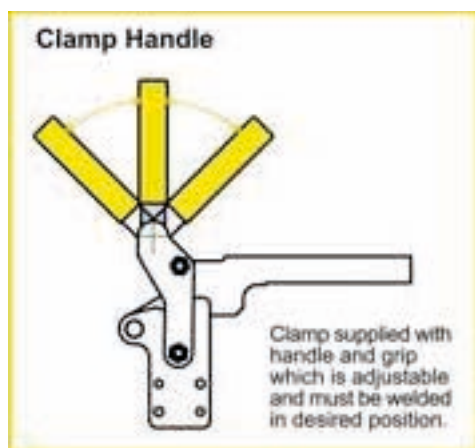


VERTICAL ACTION HEAVY
DUTY TOGGLE CLAMP





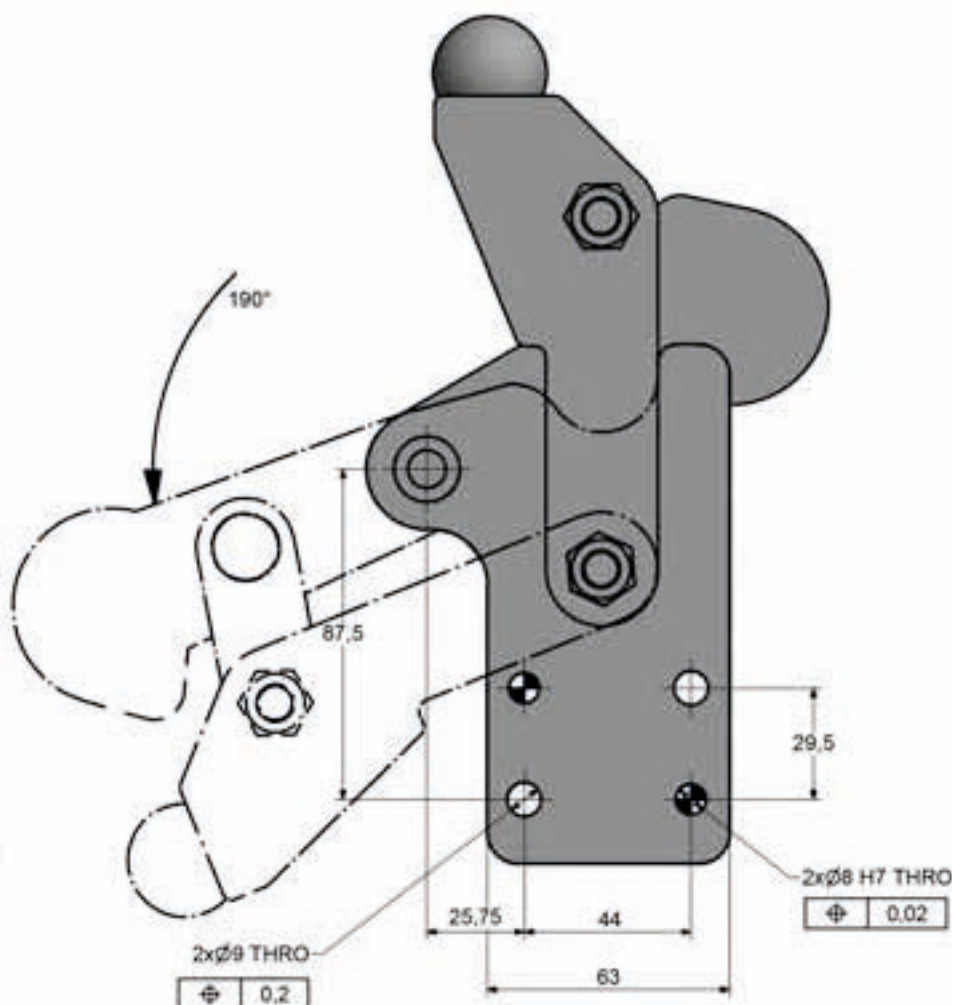
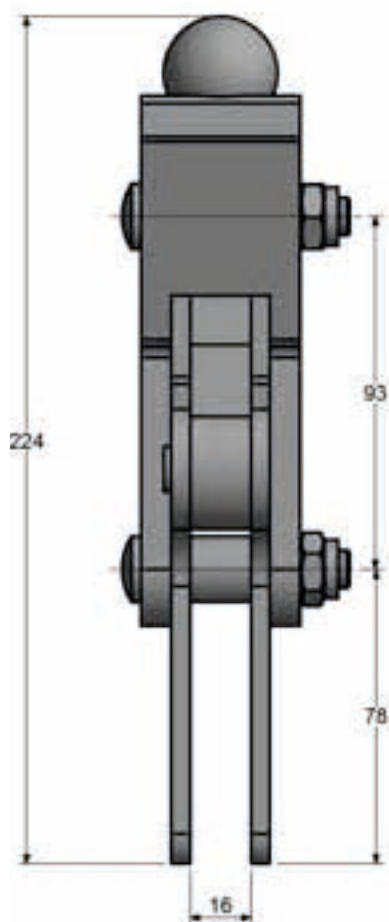
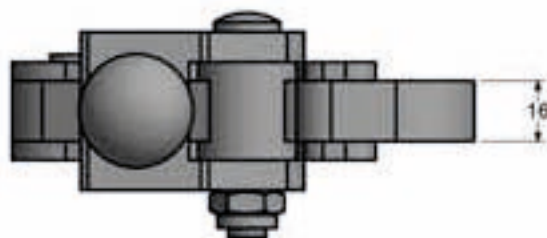
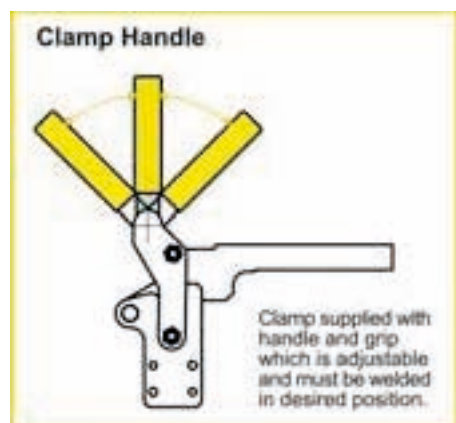
Material	Heavy gauge steel Hardened pins and bushes
Finish	Chemi-Blackened
Supplied with	–
Max holding force	1300 daN
Weight	1.5 Kgs
Stroke	–
Clamping Pressure	280 daN



Material	Heavy gauge steel Hardened pins and bushes
Finish	Chemi-Blackened
Supplied with	–
Max holding force	2500 daN close to body
Weight	2.3 Kgs
Stroke	–
Clamping Pressure	380 daN close to body

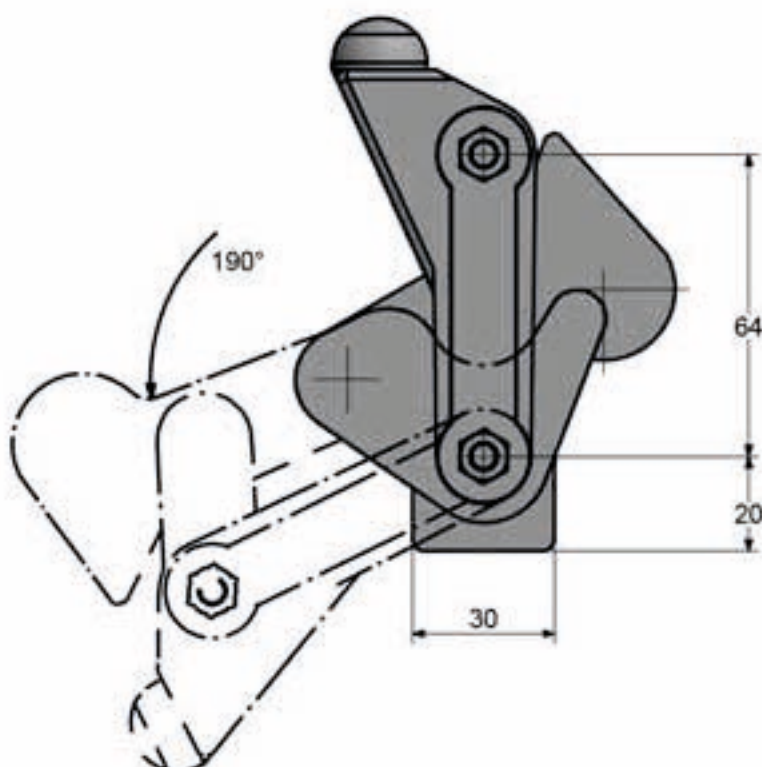
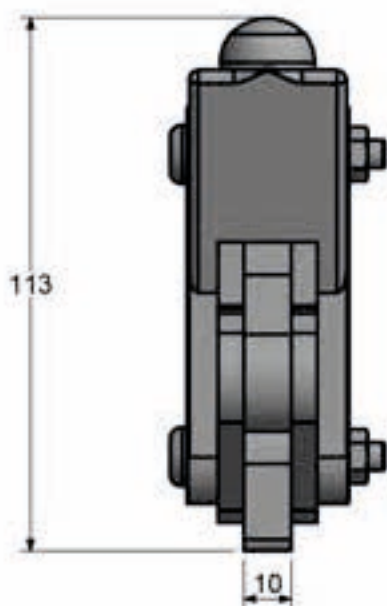
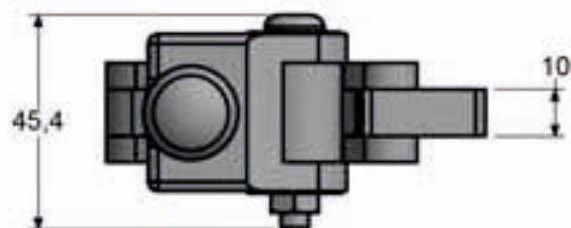
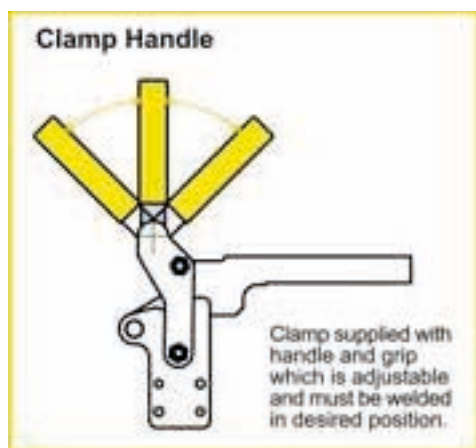


**VERTICAL ACTION HEAVY
DUTY TOGGLE CLAMP**





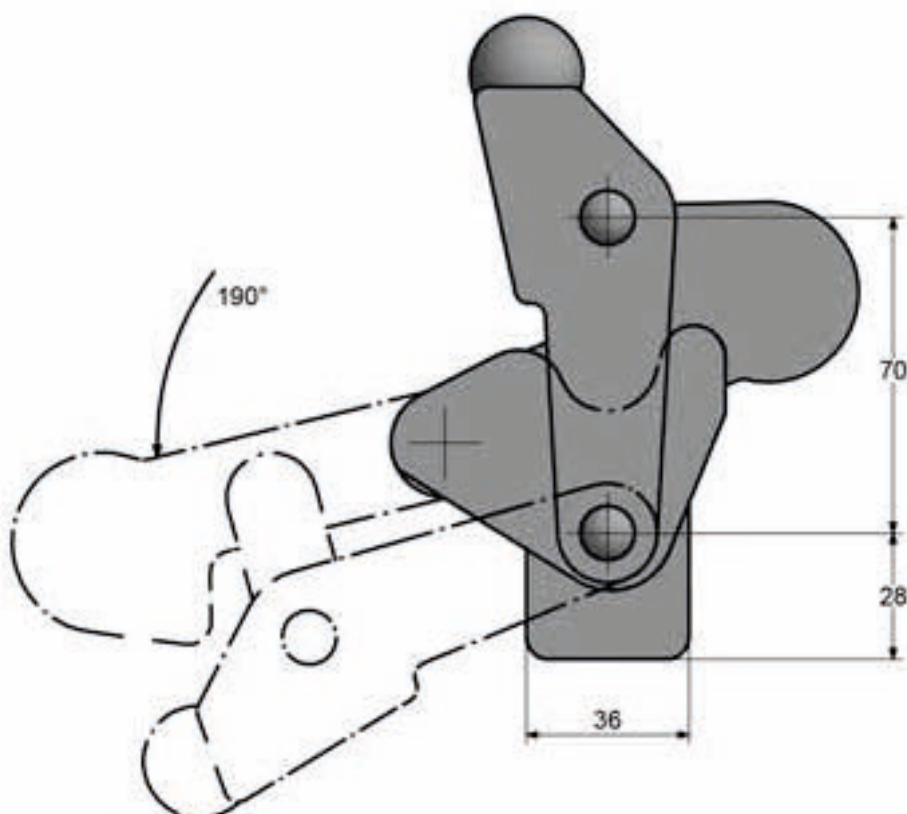
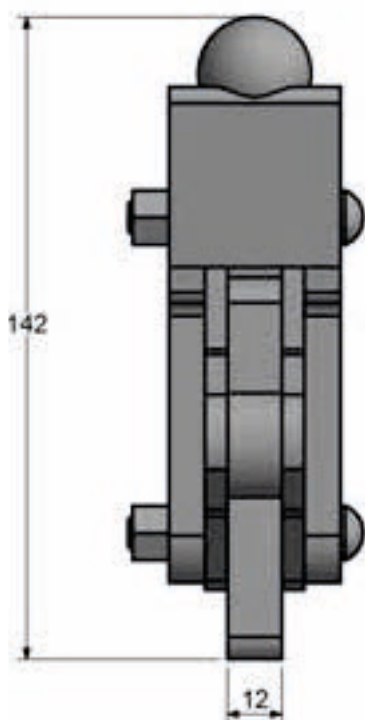
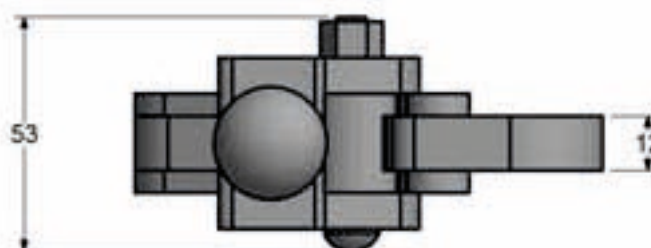
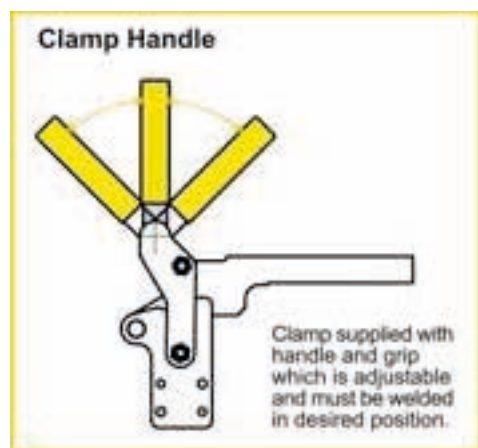
Material	Heavy gauge steel Hardened pins and bushes
Finish	Chemi-Blacked
Supplied with	–
Max holding force	800 daN
Weight	0.75 Kgs
Stroke	–
Clamping Pressure	190 daN



Material	Heavy gauge steel Hardened pins and bushes
Finish	Chemi-Blacked
Supplied with	–
Max holding force	1300 daN
Weight	1.5 Kgs
Stroke	–
Clamping Pressure	280 daN

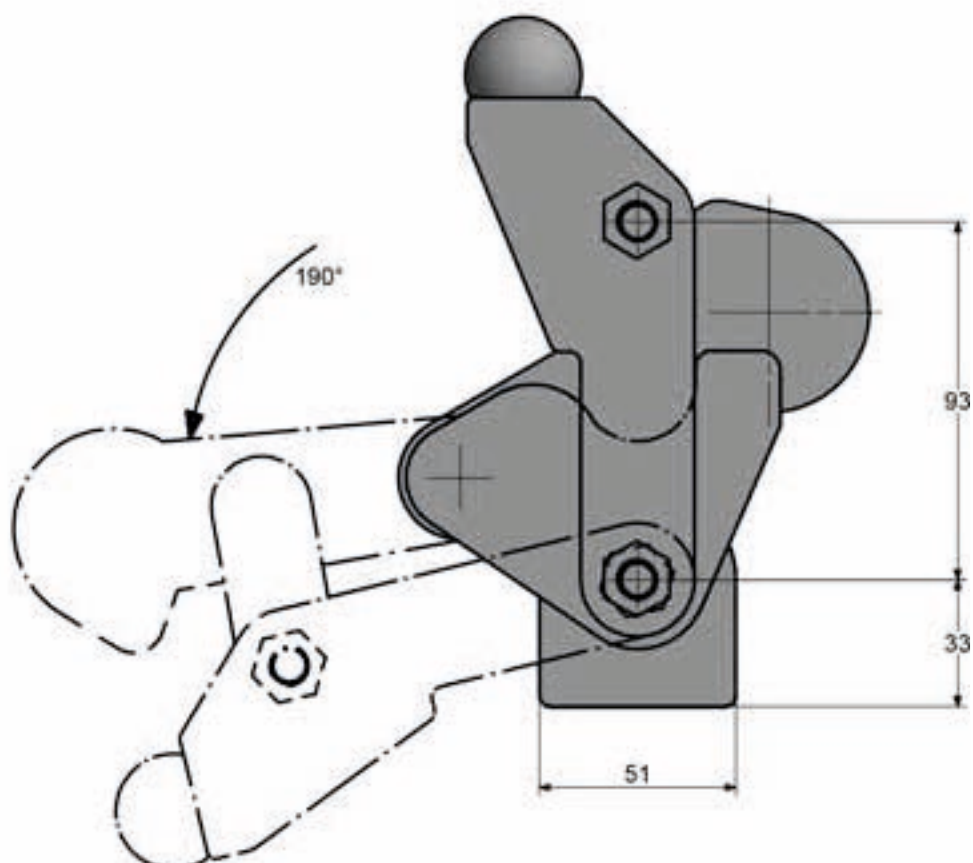
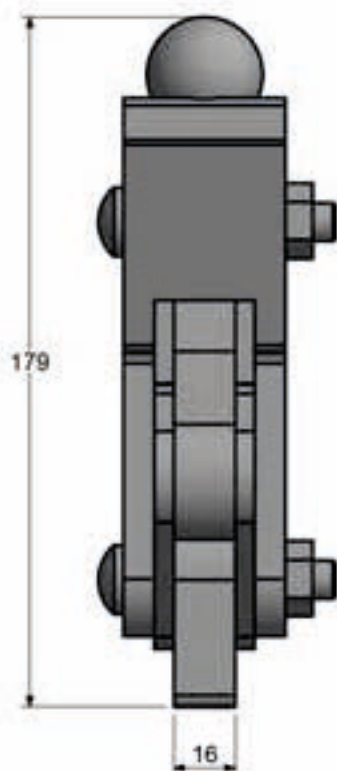
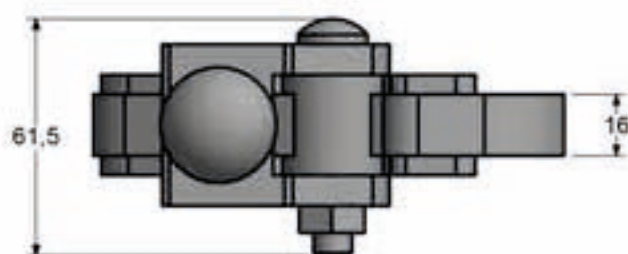
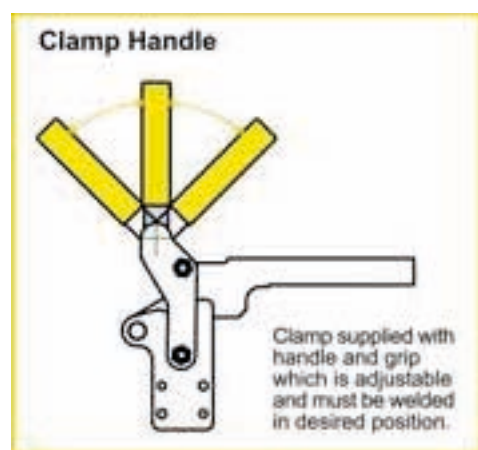


**VERTICAL ACTION HEAVY
DUTY TOGGLE CLAMP**

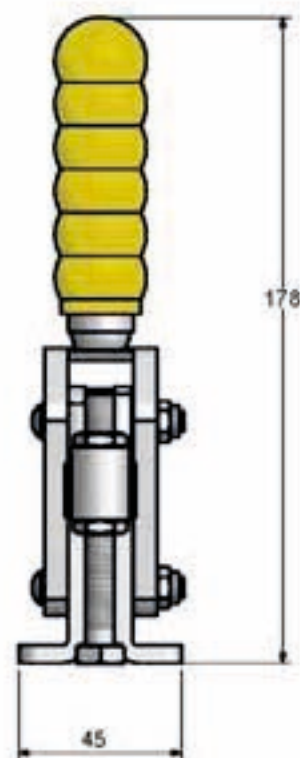
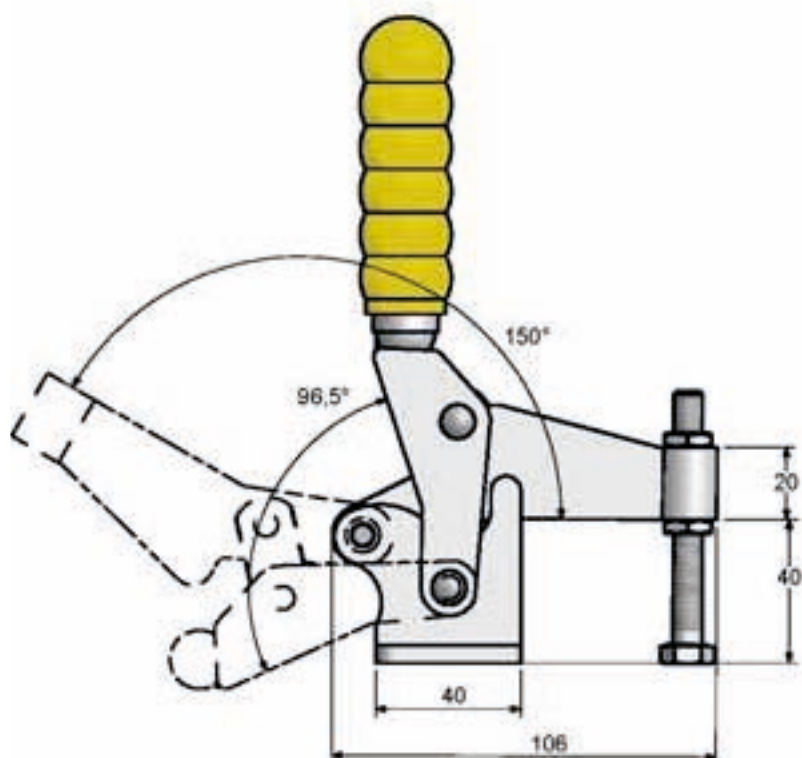
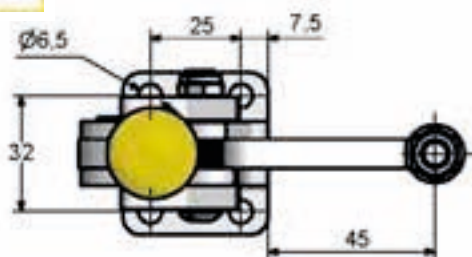




Material	Heavy gauge steel Hardened pins and bushes
Finish	Chemi-Blackened
Supplied with	–
Max holding force	2500 daN
Weight	2.3 Kgs
Stroke	–
Clamping Pressure	380 daN

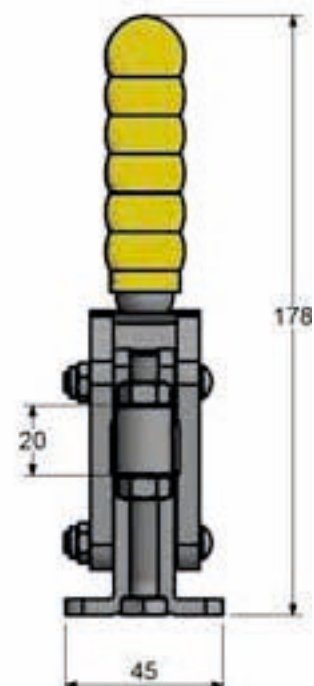
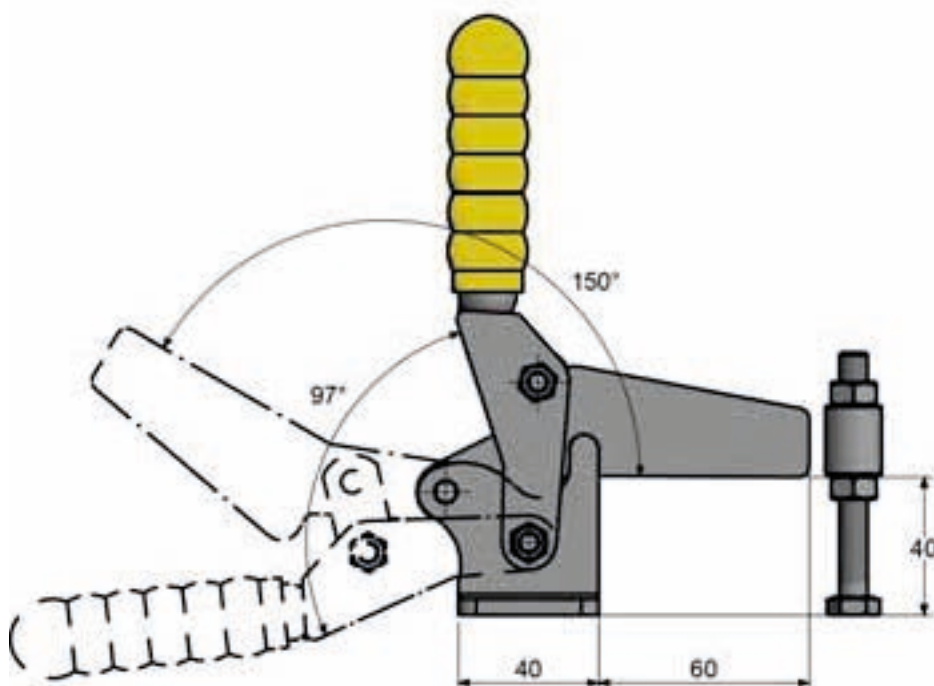
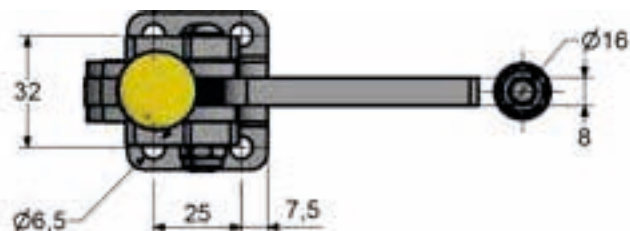
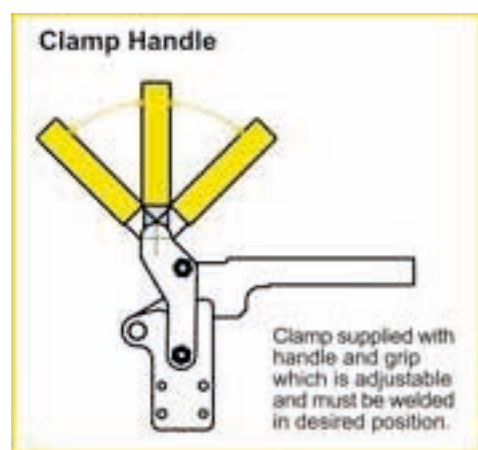


Material	Heavy gauge steel Hardened pins and bushes
Finish	Chemi-Blackened
Supplied with	8x70 mm spindles
Max holding force	600 daN close to body
Weight	1.0 Kgs
Stroke	–
Clamping Pressure	100 daN/140 daN

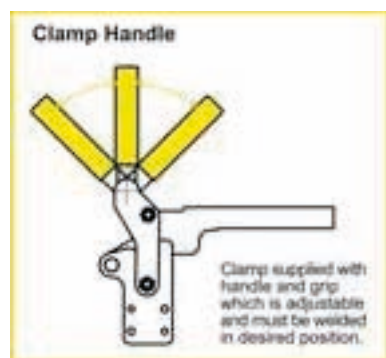




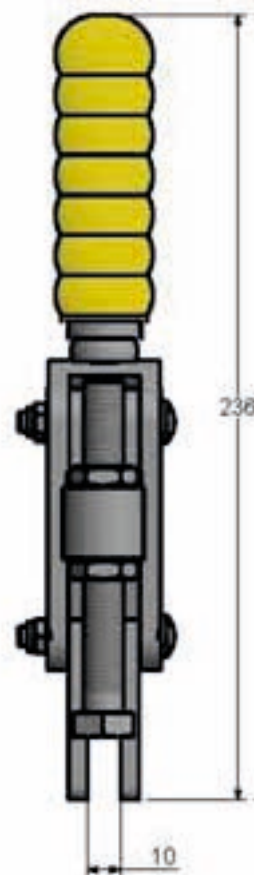
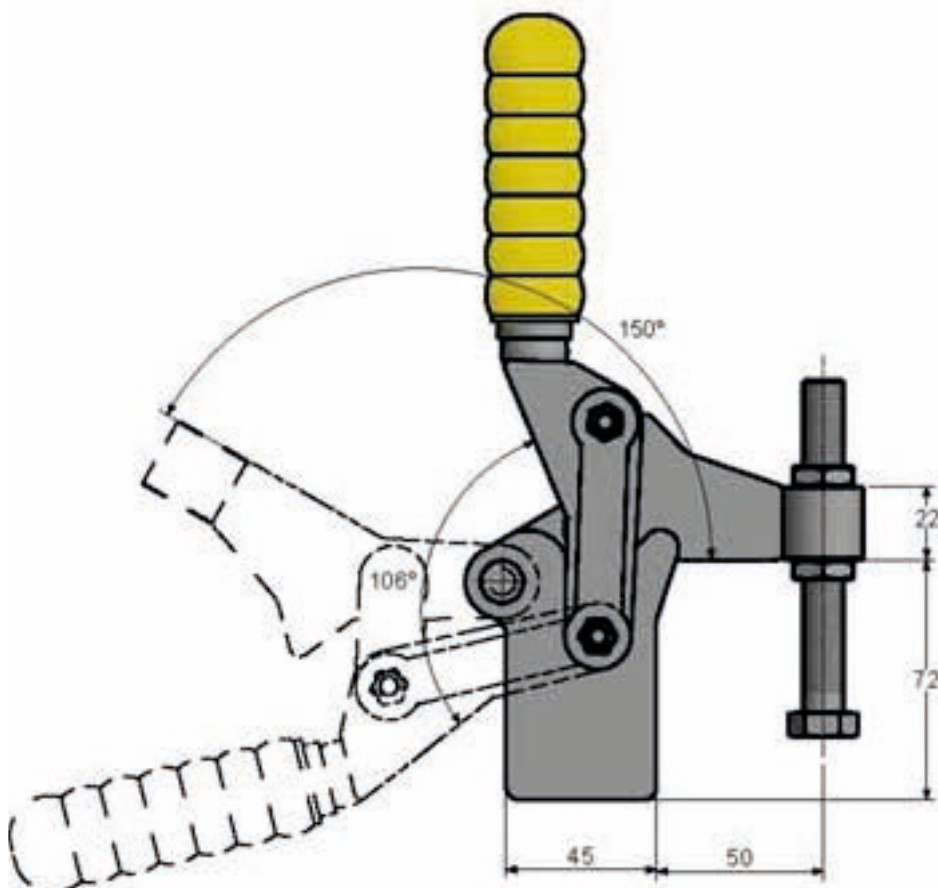
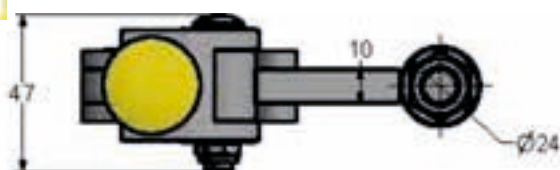
Material	Heavy gauge steel Hardened pins and bushes
Finish	Chemi-Blackd
Supplied with	8x70 mm spindles
Max holding force	600 daN close to body
Weight	1.0 Kgs
Stroke	–
Clamping Pressure	100 daN/140 daN



Material	Heavy gauge steel Hardened pins and bushes
Finish	Chemi-Blackened
Supplied with	12x100 mm spindles
Max holding force	800 daN close to body
Weight	1.5 Kgs
Stroke	–
Clamping Pressure	130 daN/190 daN

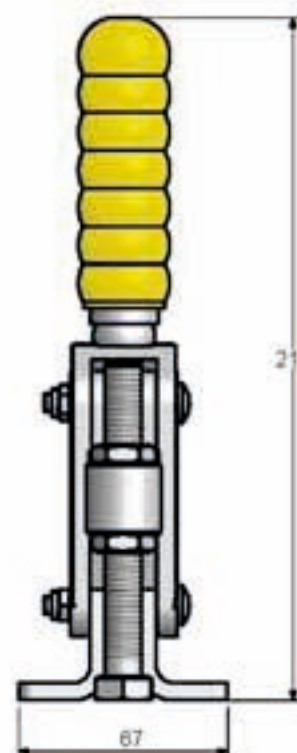
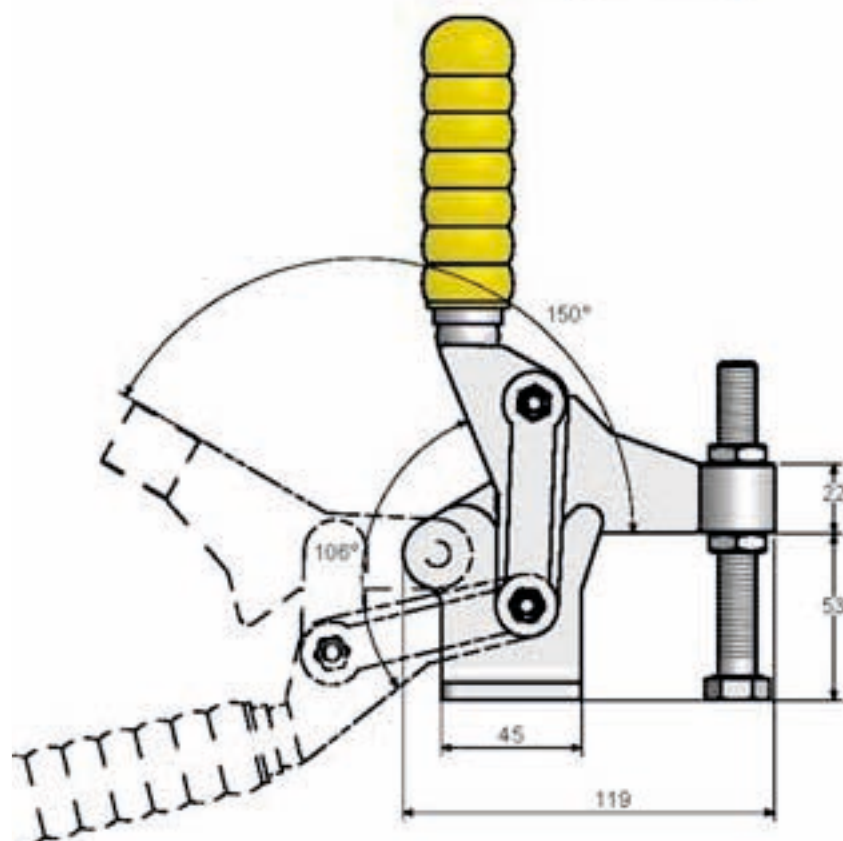
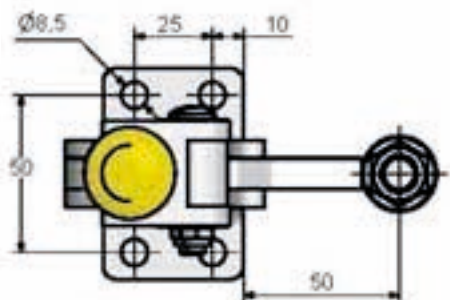
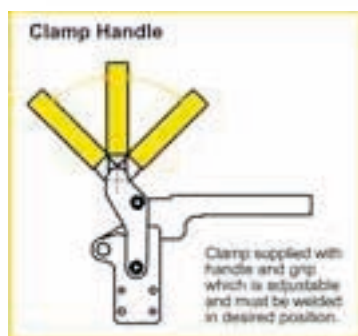


**VERTICAL ACTION HEAVY
DUTY TOGGLE CLAMP**

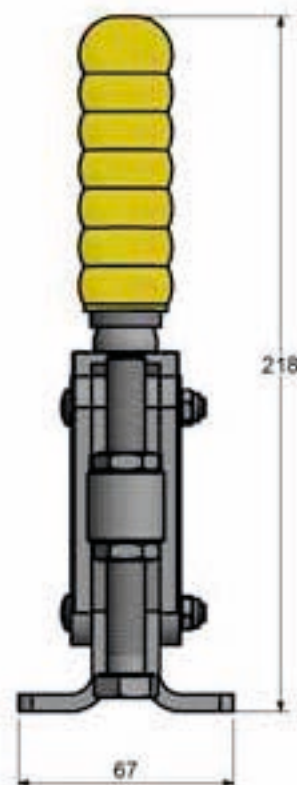
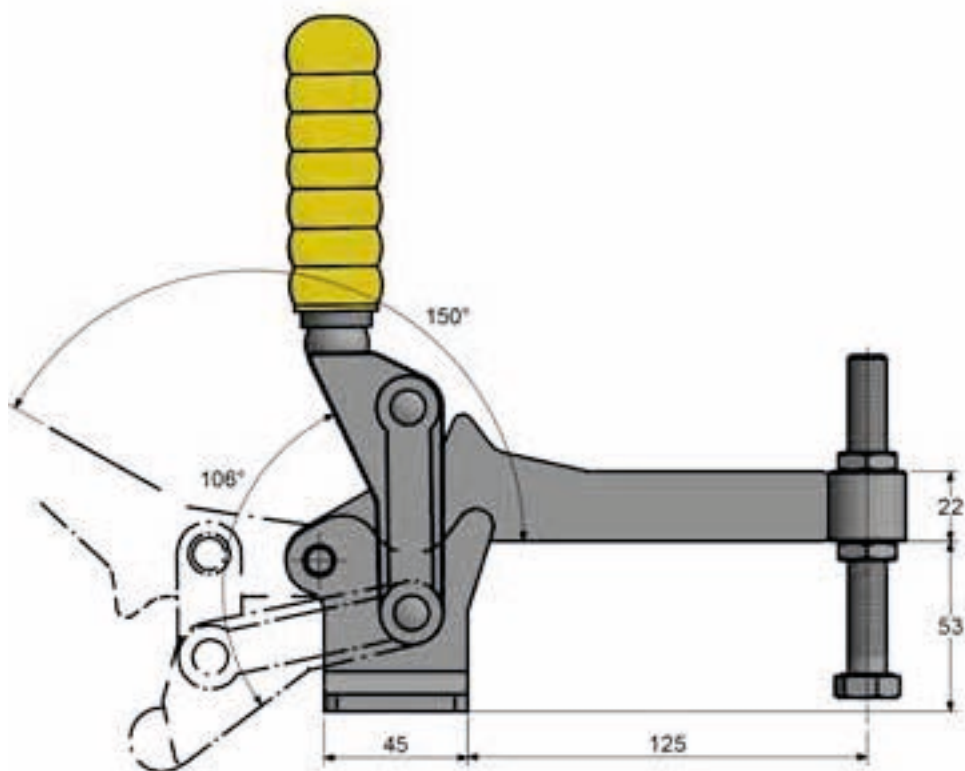
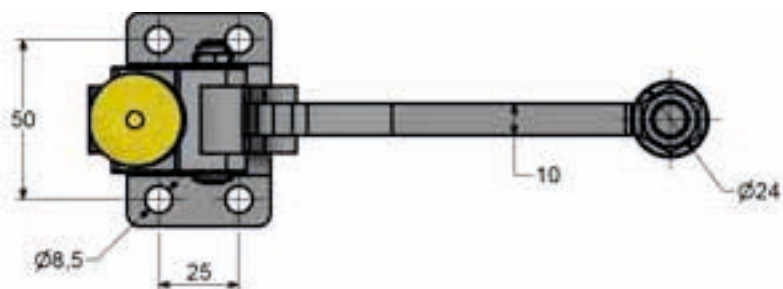
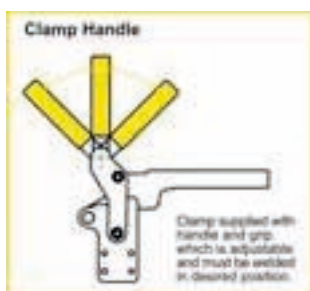




Material	Heavy gauge steel Hardened pins and bushes
Finish	Chemi-Blackened
Supplied with	12x100 mm spindles
Max holding force	800 daN close to body
Weight	1.5 Kgs
Stroke	–
Clamping Pressure	130 daN/190 daN

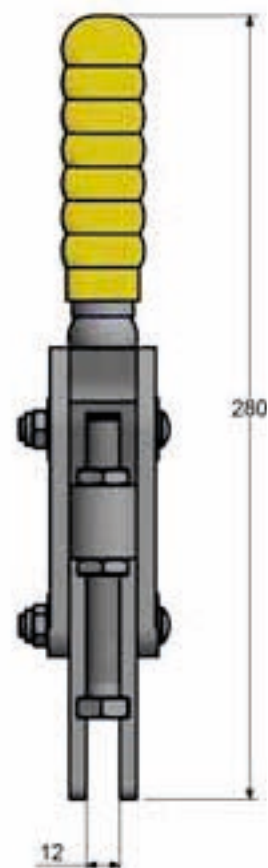
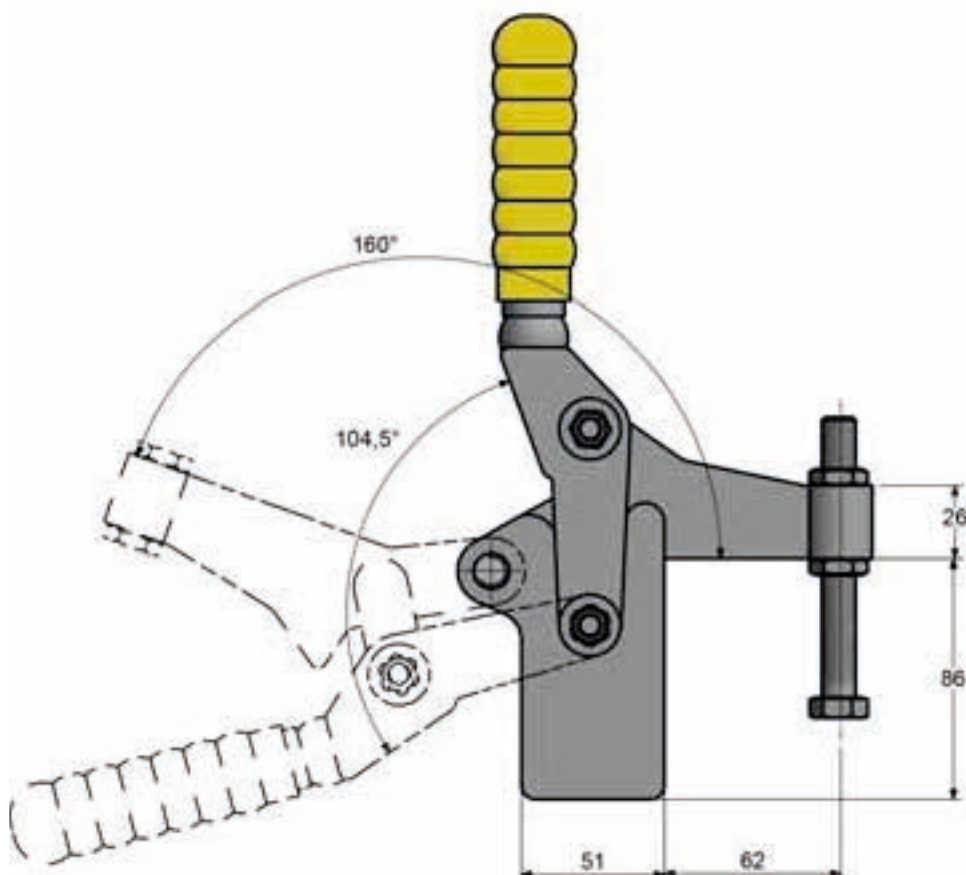
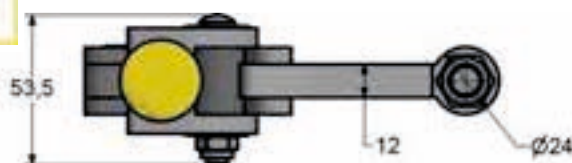
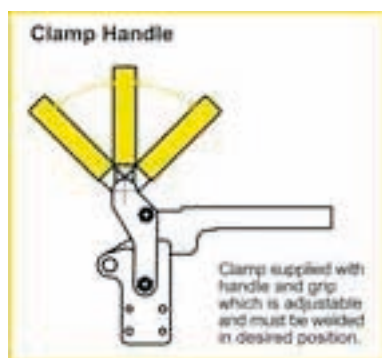


Material	Heavy gauge steel Hardened pins and bushes
Finish	Chemi-Blackened
Supplied with	12x100 mm spindles
Max holding force	800 daN close to body
Weight	1.5 Kgs
Stroke	–
Clamping Pressure	130 daN/190 daN





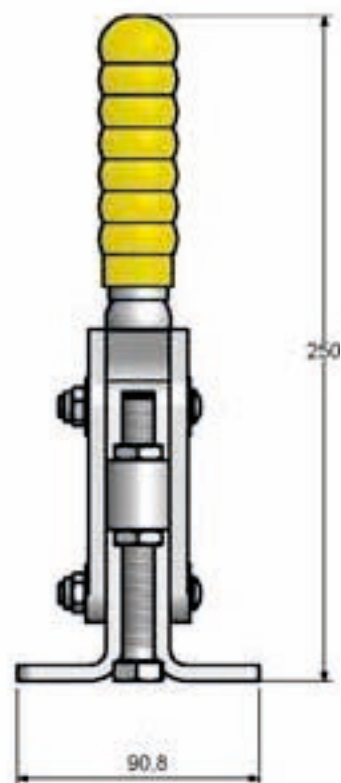
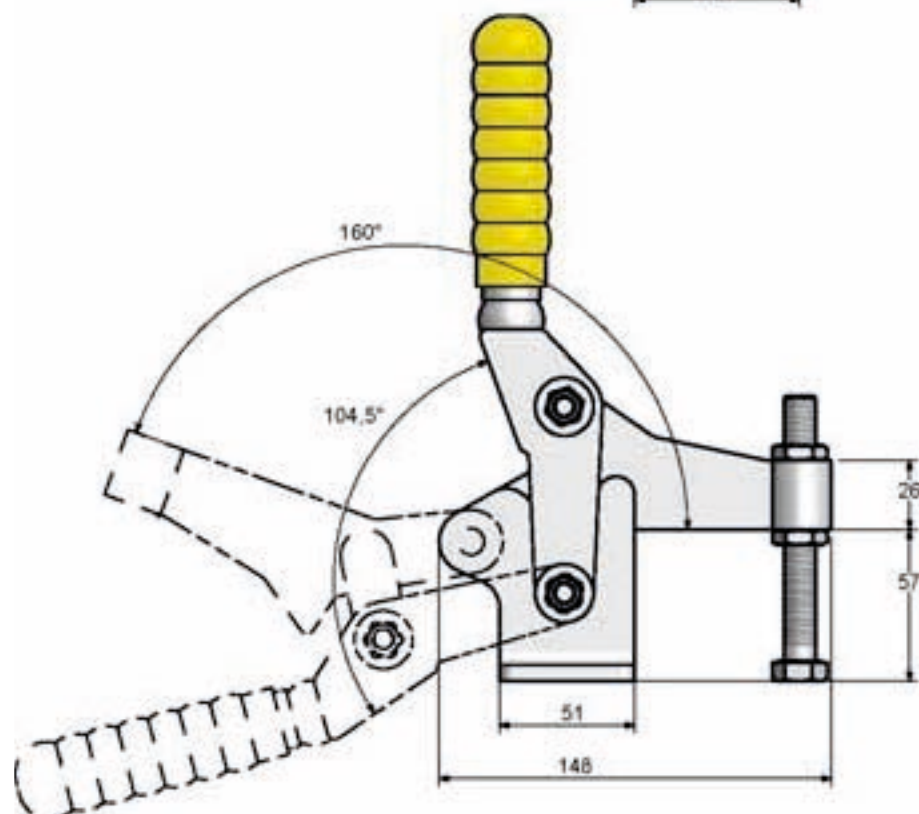
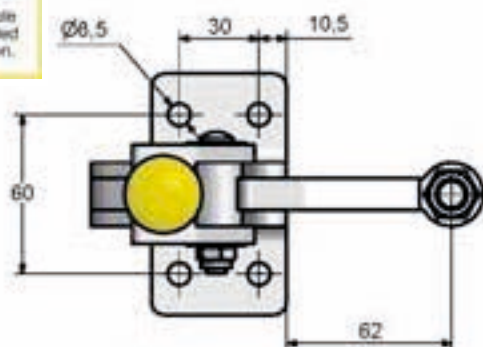
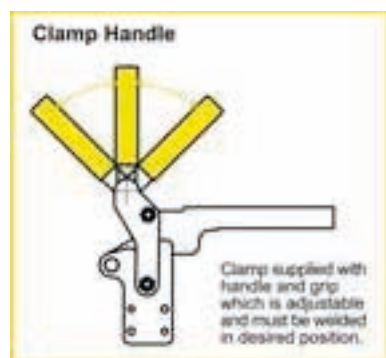
Material	Heavy gauge steel Hardened pins and bushes
Finish	Chemi-Blackened
Supplied with	12x100 mm spindles
Max holding force	1300 daN close to body
Weight	2.0 Kgs
Stroke	–
Clamping Pressure	200 daN/280 daN



Material	Heavy gauge steel Hardened pins and bushes
Finish	Chemi-Blackened
Supplied with	12x100 mm spindles
Max holding force	1300 daN close to body
Weight	2.0 Kgs
Stroke	–
Clamping Pressure	200 daN/280 daN

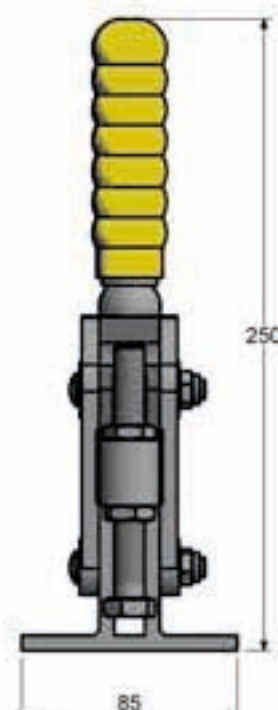
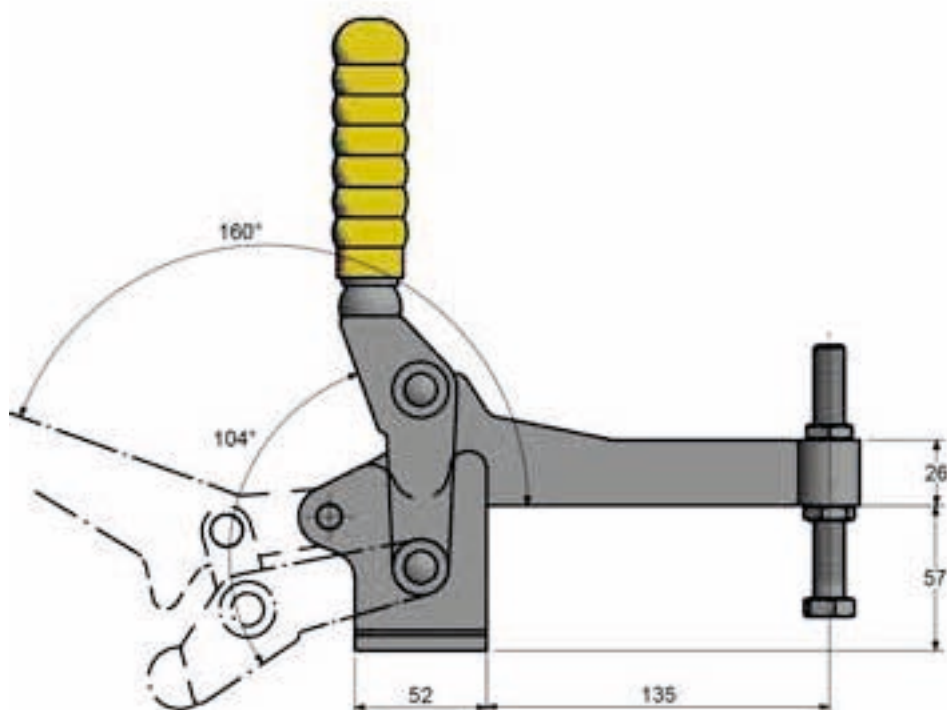
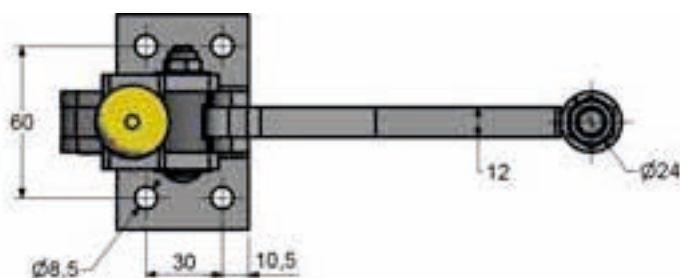


**VERTICAL ACTION HEAVY
DUTY TOGGLE CLAMP**

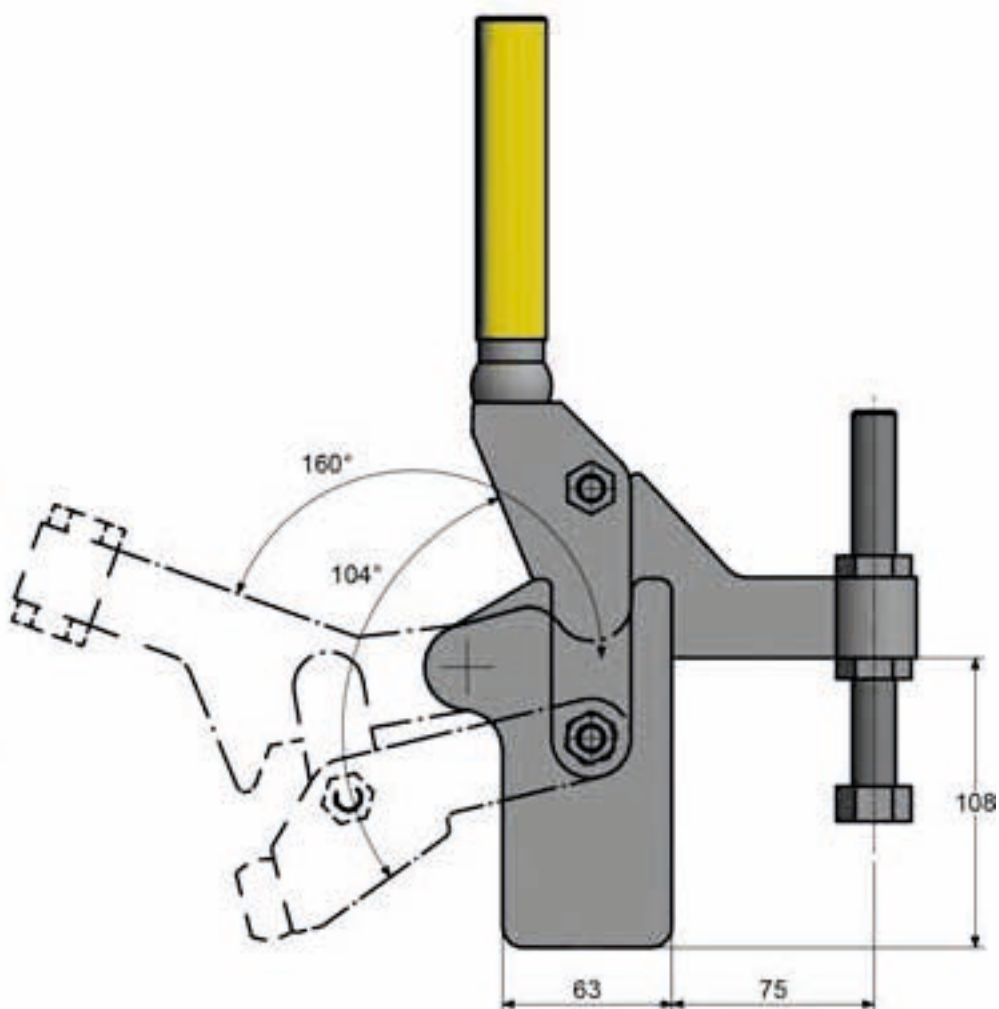
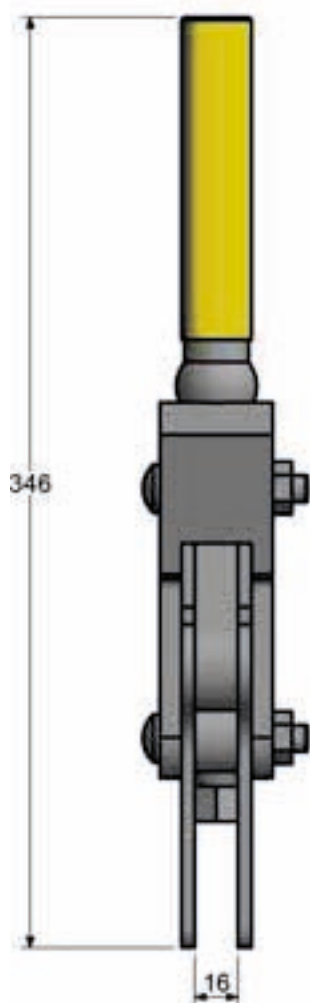
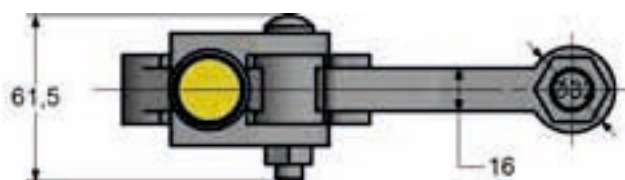




Material	Heavy gauge steel Hardened pins and bushes
Finish	Chemi-Blackened
Supplied with	12x100 mm spindles
Max holding force	1300 daN close to body
Weight	2.0 Kgs
Stroke	–
Clamping Pressure	200 daN/280 daN

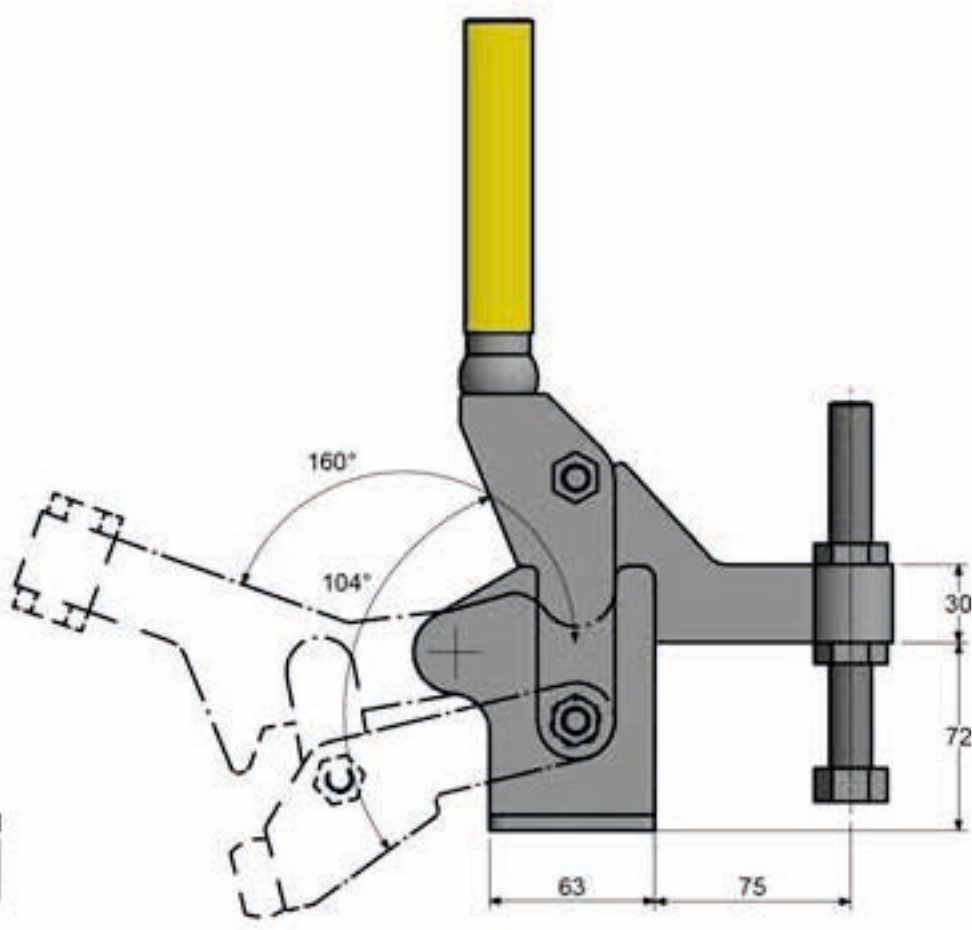
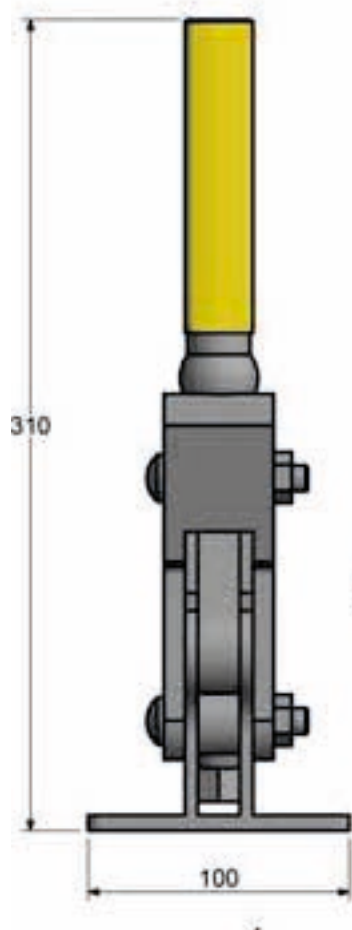
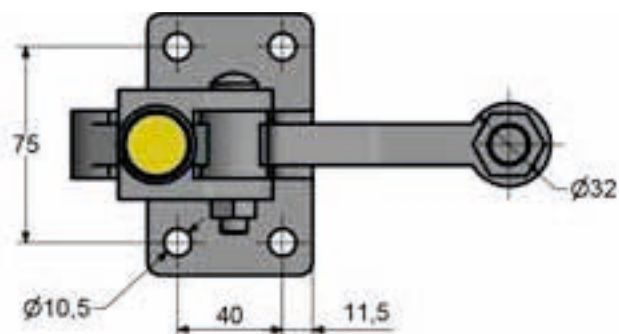
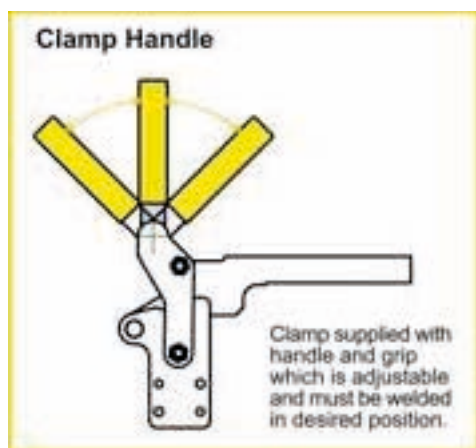


Material	Heavy gauge steel Hardened pins and bushes
Finish	Chemi-Blackened
Supplied with	16x140 mm spindles
Max holding force	2500 daN close to body
Weight	3.2 Kgs
Stroke	–
Clamping Pressure	280 daN/380 daN





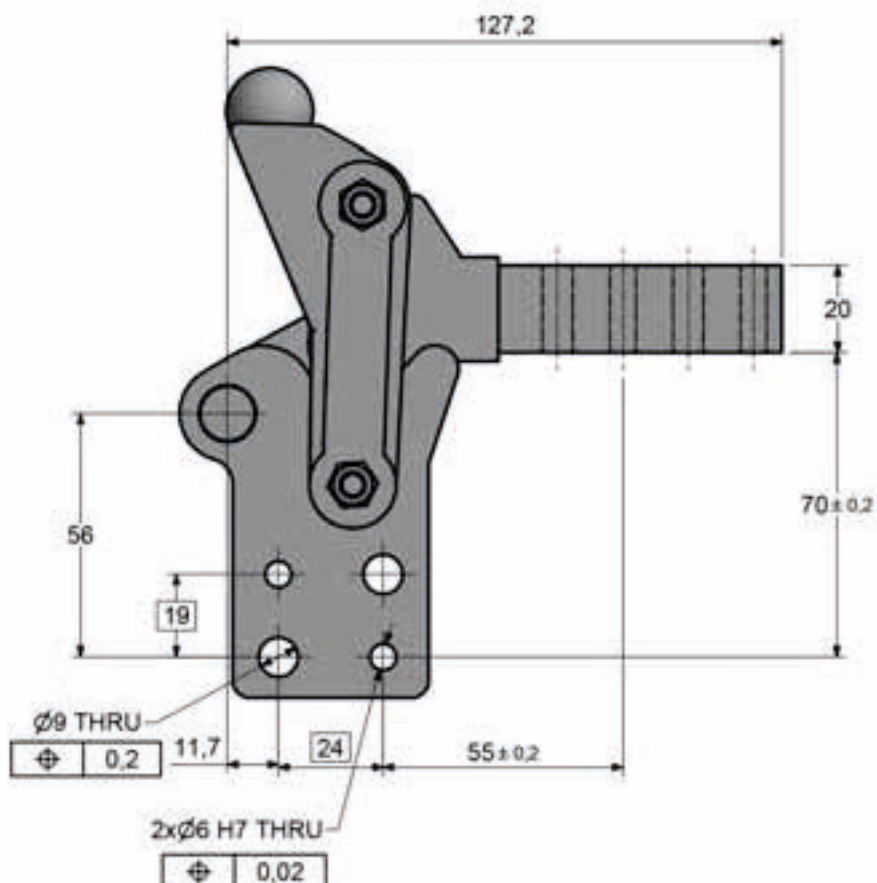
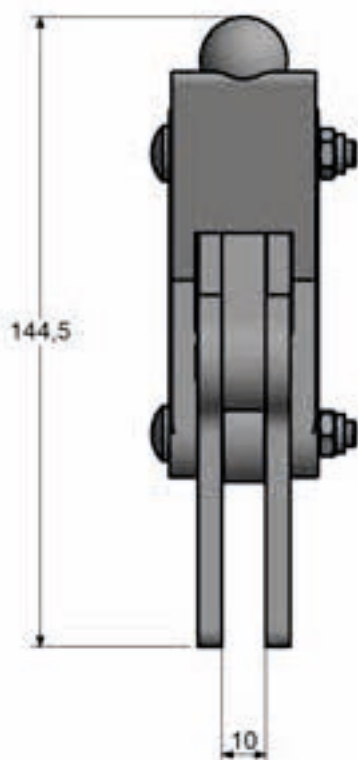
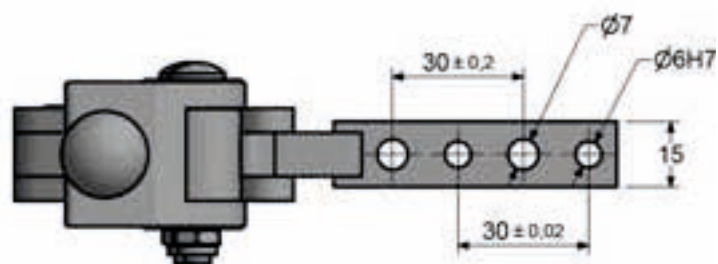
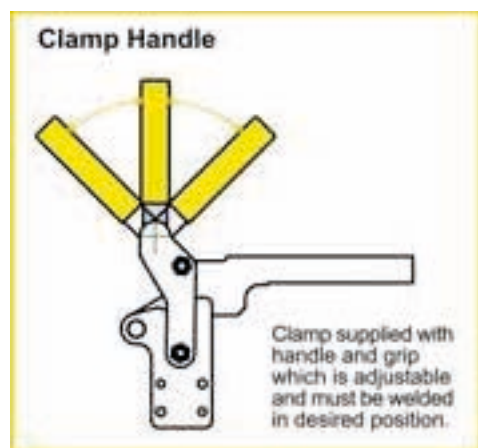
Material	Heavy gauge steel Hardened pins and bushes
Finish	Chemi-Blackd
Supplied with	16x140 mm spindles
Max holding force	2500 daN close to body
Weight	3.2 Kgs
Stroke	–
Clamping Pressure	280 daN/380 daN



Material	Heavy gauge steel Hardened pins and bushes
Finish	Chemi-Blackened
Supplied with	–
Max holding force	800 daN
Weight	1.5 Kgs
Stroke	–
Clamping Pressure	190 daN

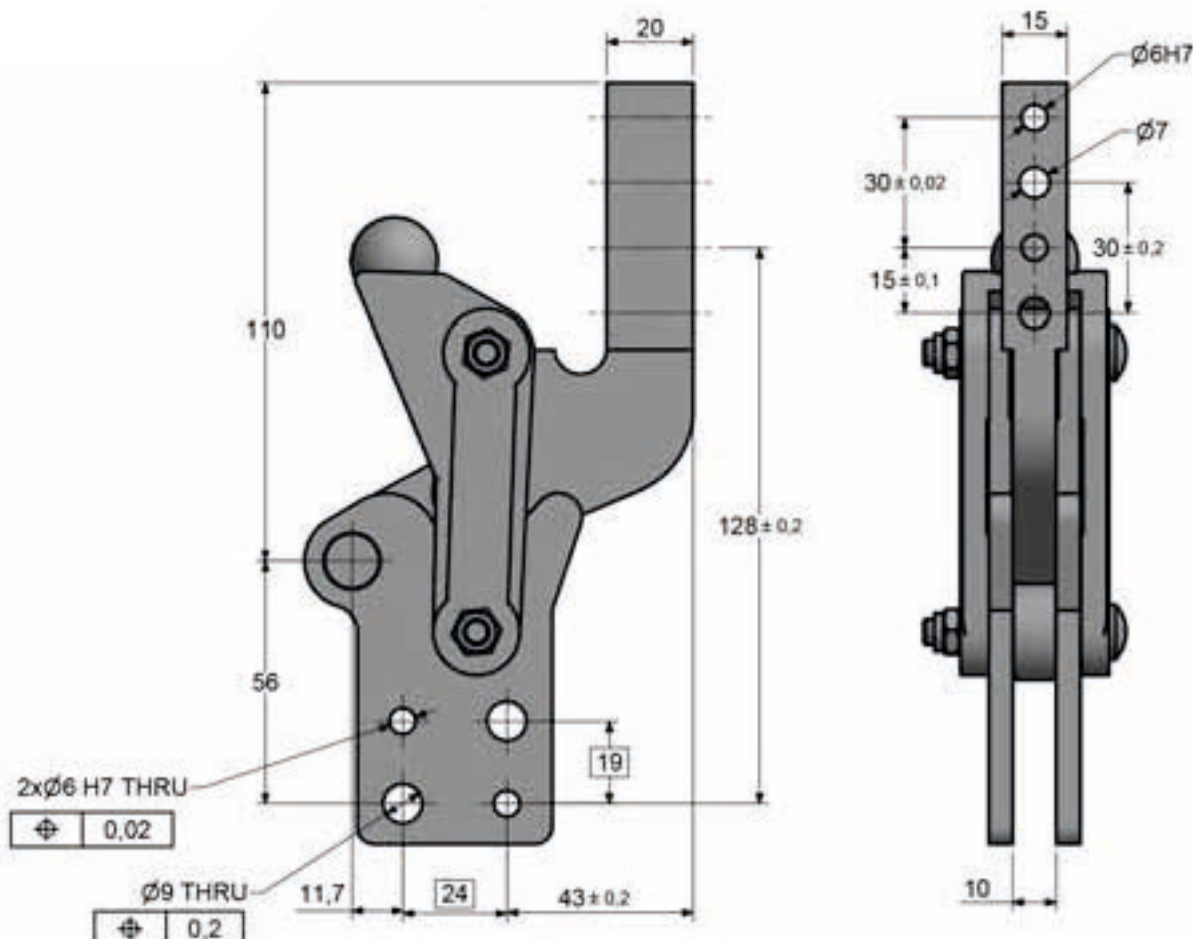
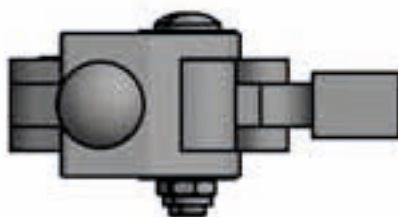
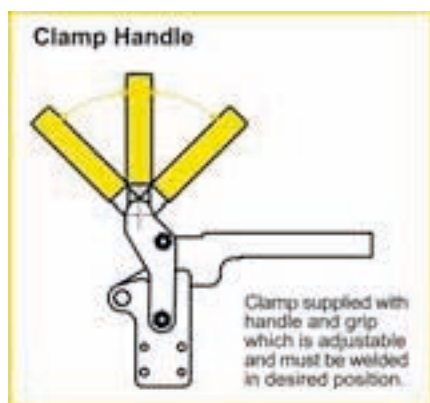


VERTICAL ACTION HEAVY
DUTY TOGGLE CLAMP

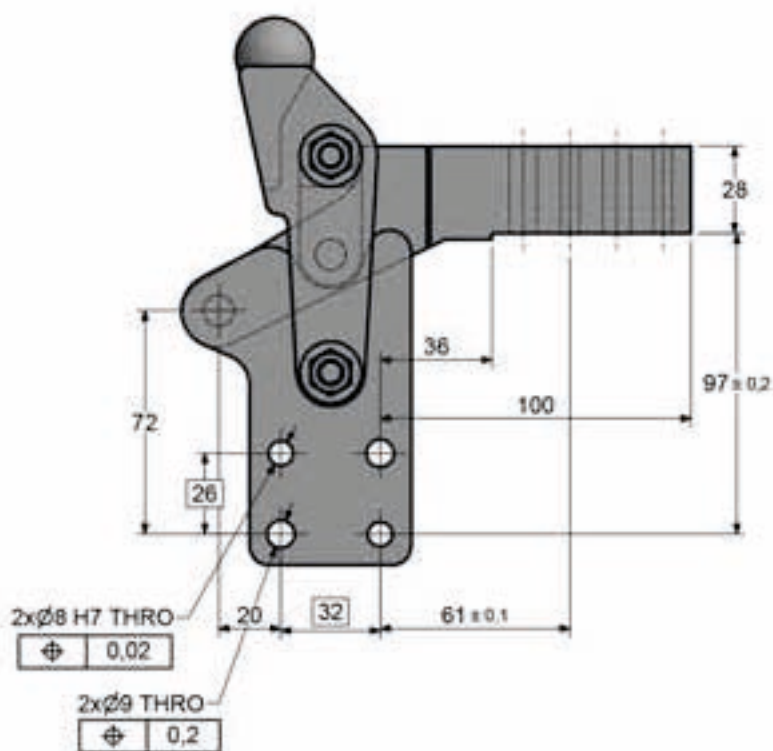
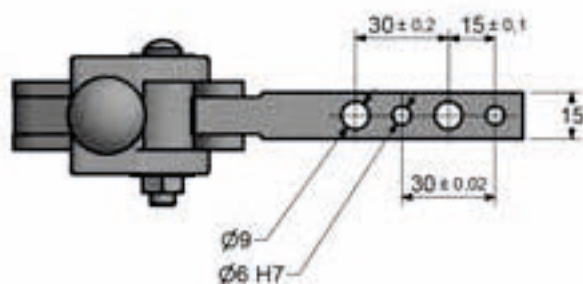
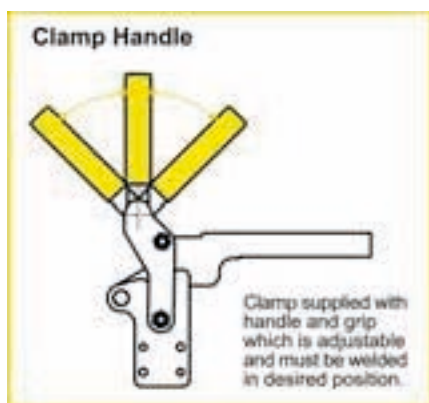




Material	Heavy gauge steel Hardened pins and bushes
Finish	Chemi-Blackd
Supplied with	–
Max holding force	800 daN
Weight	1.5 Kgs
Stroke	–
Clamping Pressure	190 daN



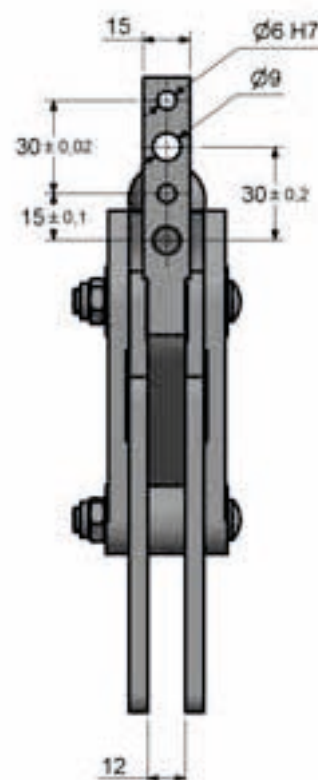
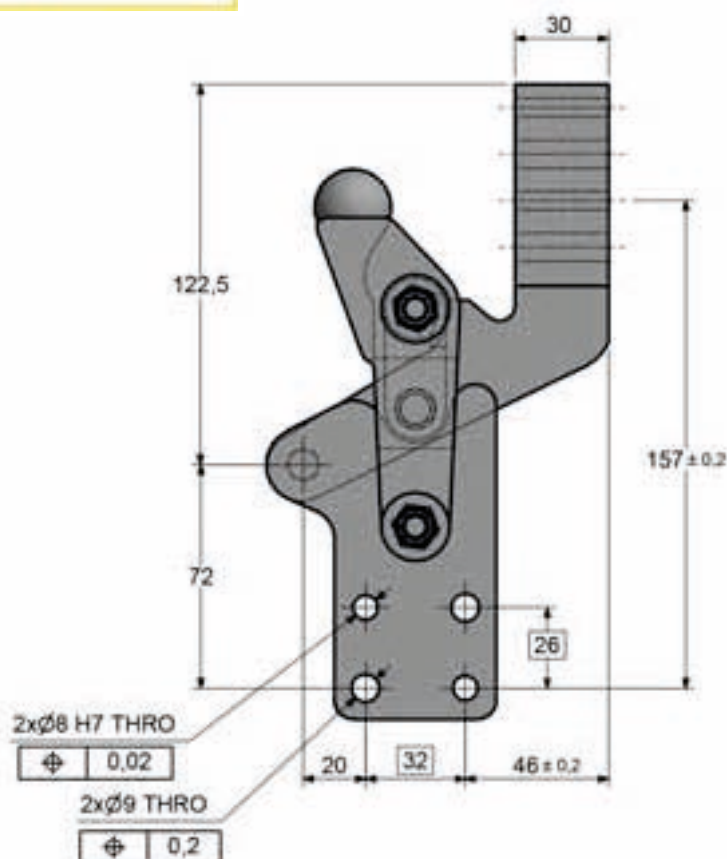
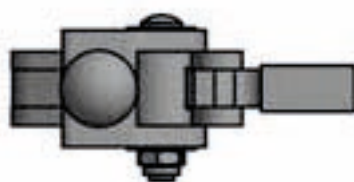
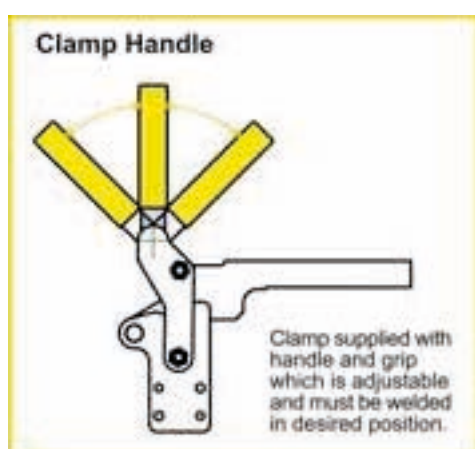
Material	Heavy gauge steel Hardened pins and bushes
Finish	Chemi-Blackened
Supplied with	–
Max holding force	1300 daN close to body
Weight	1.8 Kgs
Stroke	–
Clamping Pressure	280 daN



All basic dimensions
TS - V - HD - 1300 - 00

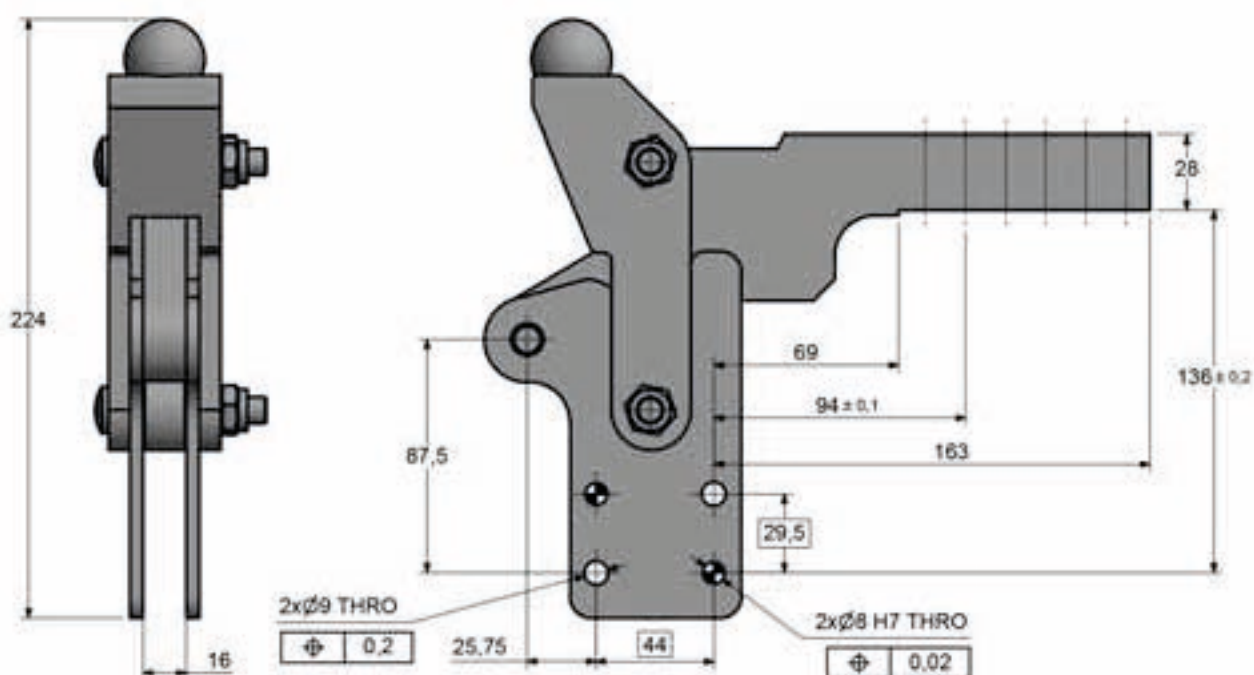
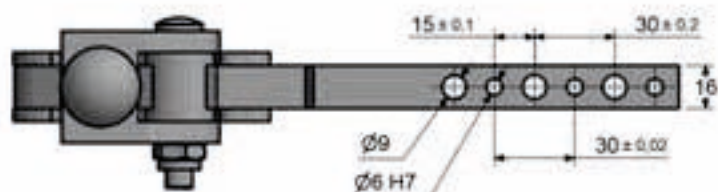
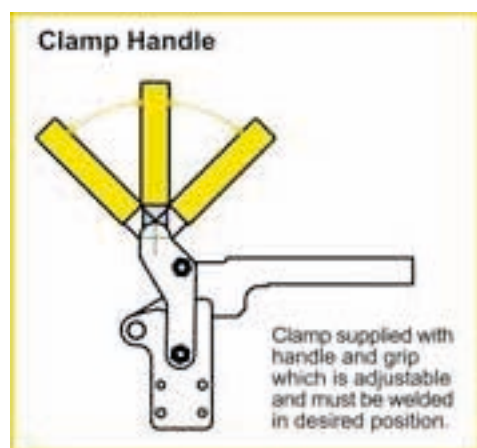


Material	Heavy gauge steel Hardened pins and bushes
Finish	Chemi-Blackened
Supplied with	–
Max holding force	1300 daN close to body
Weight	1.8 Kgs
Stroke	–
Clamping Pressure	280 daN



All basic dimensions
TS - V - HD - 1300 - 00

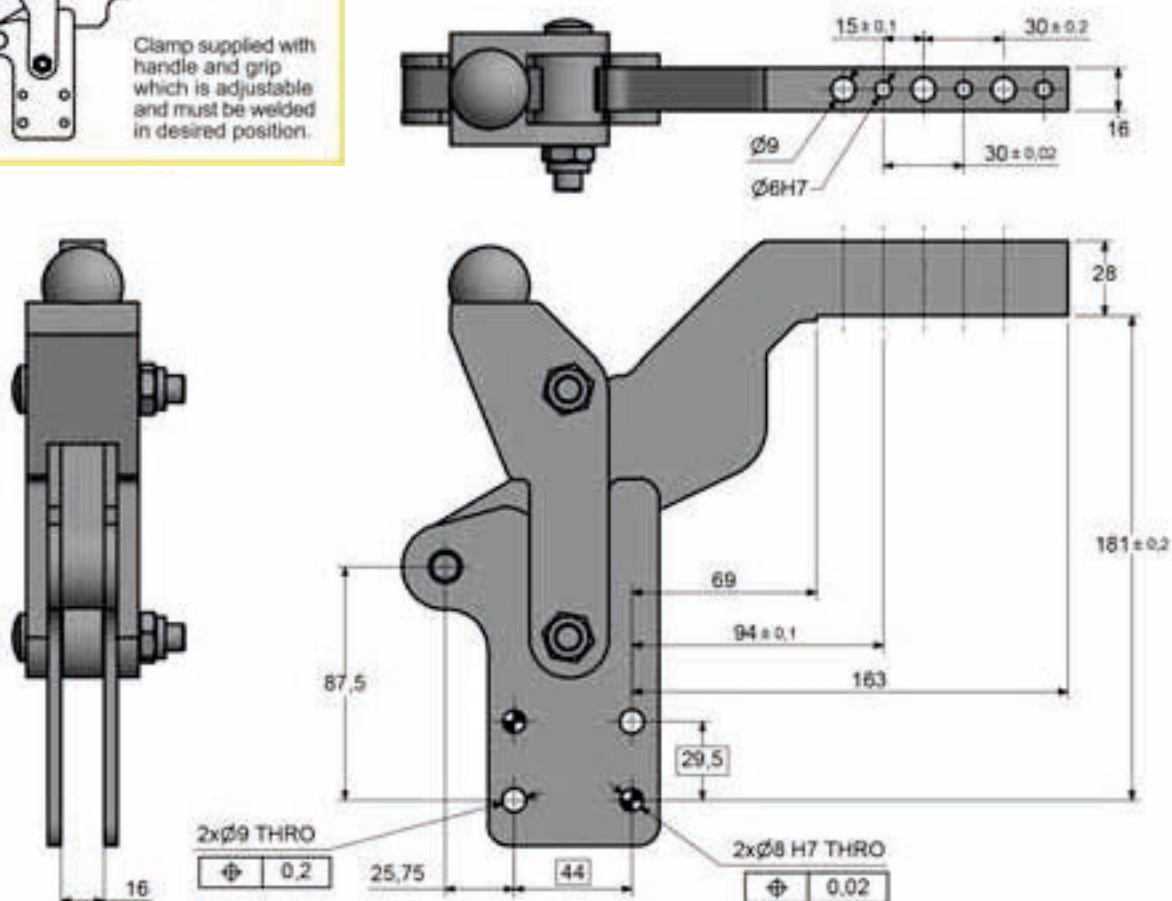
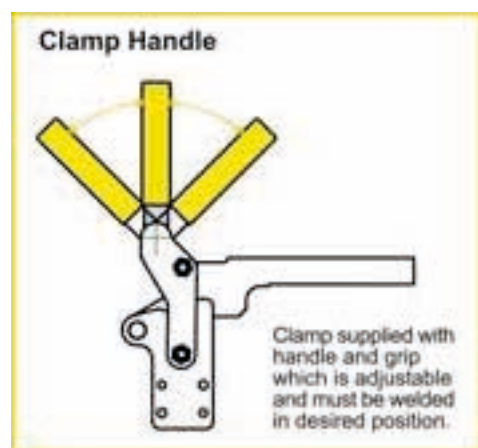
Material	Heavy gauge steel Hardened pins and bushes
Finish	Chemi-Blacked
Supplied with	–
Max holding force	2500 daN
Weight	2.8 Kgs
Stroke	–
Clamping Pressure	380 daN



All basic dimensions
TS - V - HD - 1300 - 00

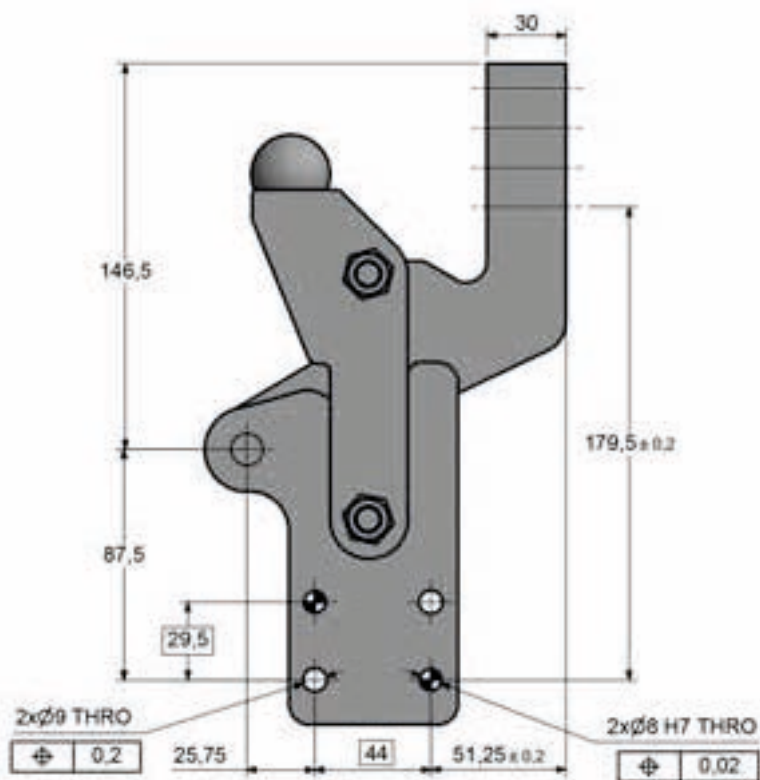
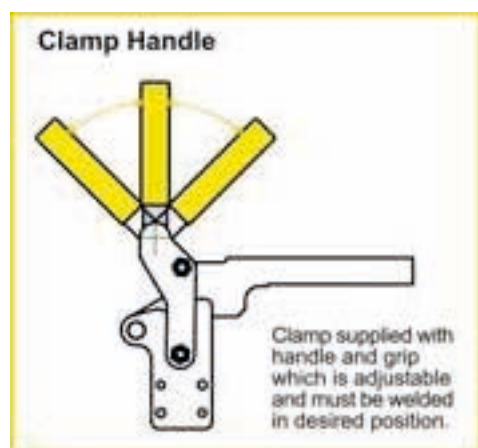


Material	Heavy gauge steel Hardened pins and bushes
Finish	Chemi-Blackened
Supplied with	–
Max holding force	2500 daN close to body
Weight	2.7 Kgs
Stroke	–
Clamping Pressure	380 daN close to body



All basic dimensions
TS - V - HD - 1300 - 00

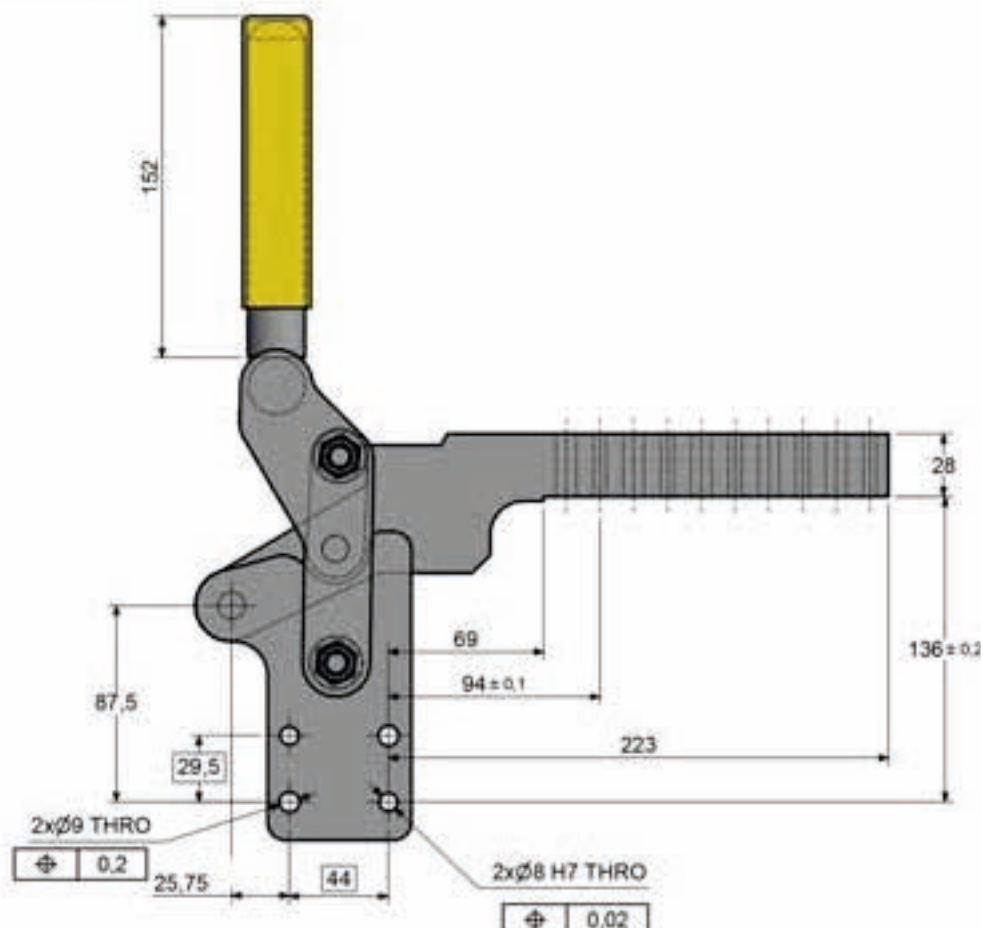
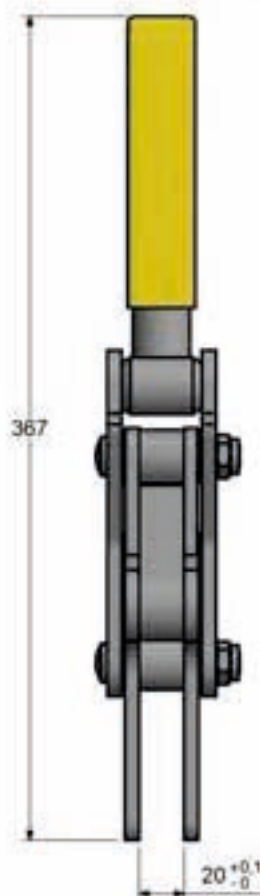
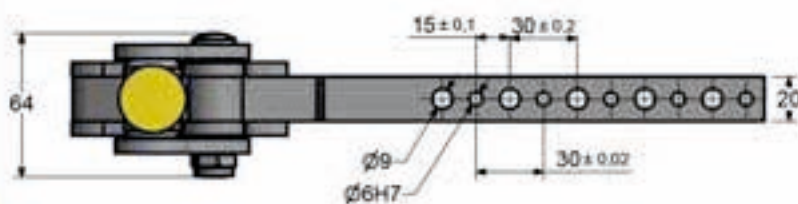
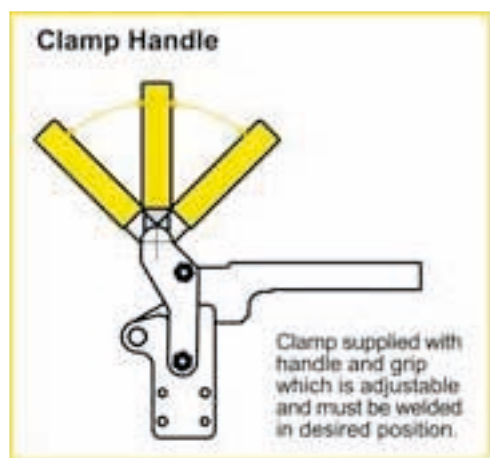
Material	Heavy gauge steel Hardened pins and bushes
Finish	Chemi-Blackened
Supplied with	–
Max holding force	2500 daN
Weight	2.7 Kgs
Stroke	–
Clamping Pressure	380 daN close to body



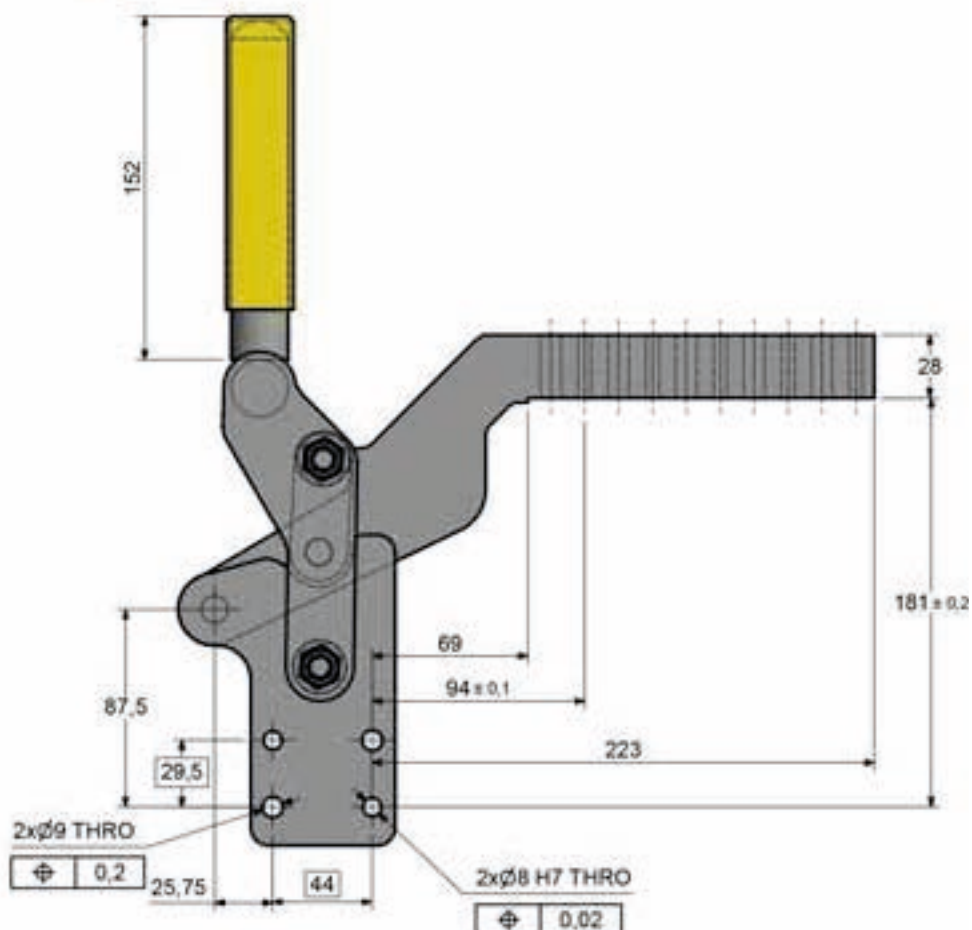
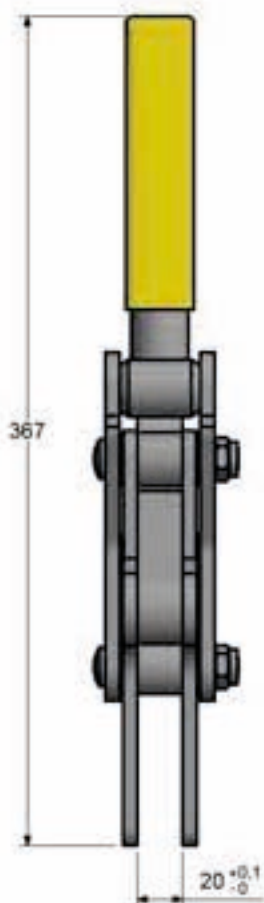
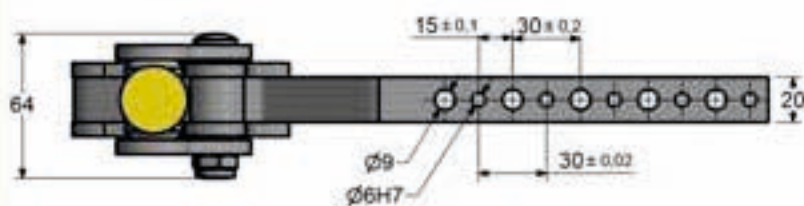
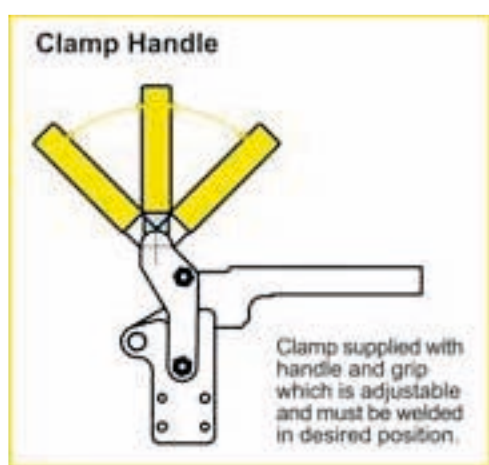
All basic dimensions
TS - V - HD - 1300 - 00



Material	Heavy gauge steel Hardened pins and bushes
Finish	Chemi-Blackened
Supplied with	handles and grips
Max holding force	1300 daN close to body
Weight	4.1 Kgs
Stroke	–
Clamping Pressure	380 daN close to body

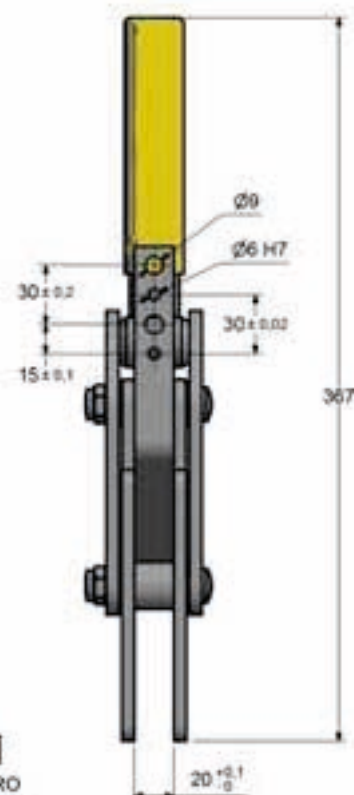
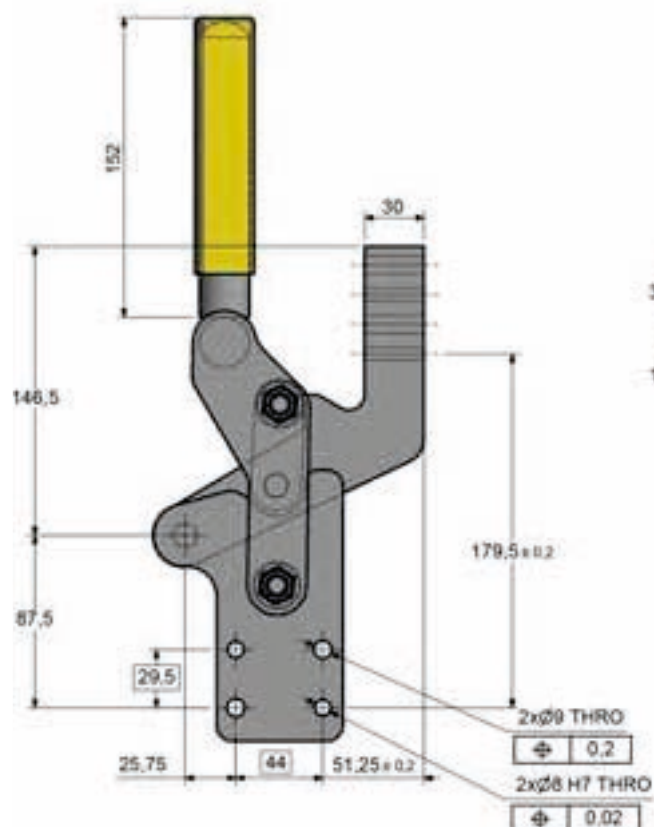
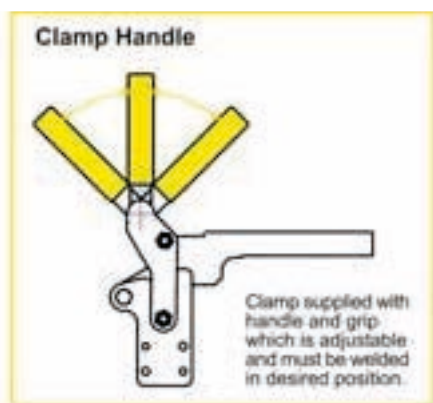


Material	Heavy gauge steel Hardened pins and bushes
Finish	–
Supplied with	handles and grips
Max holding force	1300 daN close to body
Weight	4.1 Kgs
Stroke	–
Clamping Pressure	380 daN



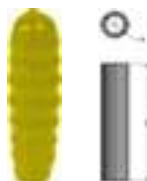


Material	Heavy gauge steel Hardened pins and bushes
Finish	–
Supplied with	handles and grips
Max holding force	1300 daN close to body
Weight	4.1 Kgs
Stroke	–
Clamping Pressure	380 daN



Tube handles and grips

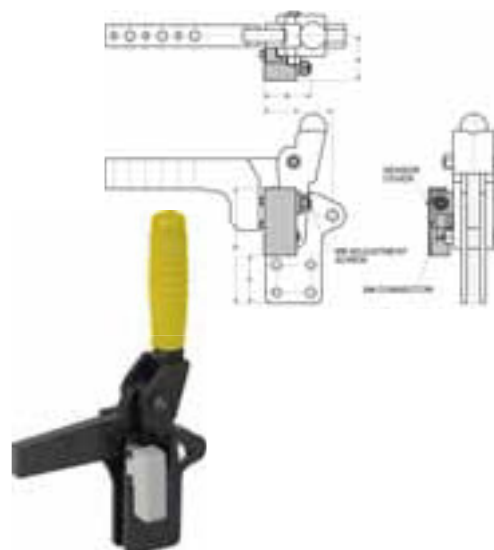
Part NO	Available on Pt Nos	A	L
BG	TS-V-HD-600...	16	75
BG	TS-V-HD-800...	24	90
BG	TS-V-HD-1200...	24	100
BG	TS-V-HD-2500...	27	150



Special versions available on request

Clamp sensors

Part NO	Available on Pt Nos	A	B	C	D	E
CS	TS-V-HD-1300 - 00	44	48	68	112	45
CS	TS-V-HD-2500 - 00	46	48	81	130	67
CS	TS-V-HD-1300 - S	44	48	68	112	45
CS	TS-V-HD-2500 - S	46	48	81	130	67
CS	TS-V-HD-1300-BW15.1-97-A	44	48	68	112	45
CS	TS-V-HD-1300-BW15.2-97-A	44	48	68	112	45
CS	TS-V-HD-2500-BW16.1-136	46	48	81	130	67
CS	TS-V-HD-2500-BW16.1-181	46	48	81	130	67
CS	TS-V-HD-2500-BW16.2-51	46	48	81	130	67

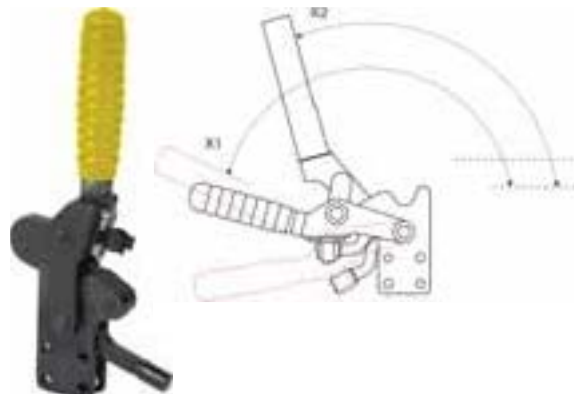


Internal stop

Part NO	Available on Pt Nos
IS	TS-V-HD-800-BW15.1-70
IS	TS-V-HD-800-BW15.2-70
IS	TS-V-HD-1300-BW15.1-97-A
IS	TS-V-HD-1300-BW15.2-97-A
IS	TS-V-HD-2500-BW16.1-136
IS	TS-V-HD-2500-BW16.1-181
IS	TS-V-HD-2500-BW16.2-51
IS	TS-V-HD-2500-BW20.1-136
IS	TS-V-HD-2500-BW20.1-181
IS	TS-V-HD-2500-BW20.2-51

Retaining clip ** Smaller opening angles available on request

Part NO	Opening Angle (Deg)	Available on Pt Nos
RM	93-140	TS-V-HD-800 .00
RM	105-155	TS-V-HD-1300-00
RM	115-170	TS-V-HD-2500-00
RM	93-140	TS-V-HD-800-BW15.1-70
RM	93-140	TS-V-HD-800-BW15.2-70
RM	105-155	TS-V-HD-1300-BW15.1-97-A
RM	105-155	TS-V-HD-1300-BW15.2-97-A
RM	115-170	TS-V-HD-2500-BW16.1-136
RM	115-170	TS-V-HD-2500-BW16.1-181
RM	115-170	TS-V-HD-2500-BW16.2-51
RM	55-125	TS-V-HD-2500-BW20.1-136
RM	55-125	TS-V-HD-2500-BW20.1-181
RM	55-125	TS-V-HD-2500-BW20.2-51



Product Description

The TÜNKERS TS-V vertical hold down action clamps hold down the work-piece with a downward clamping action with maximum clamping forces up to 700daN.

The clamping arm can be solid bar, U-bar or with a weldable bush, while the base design can be straight or angulated.

Chapter Overview

TS – V – 113 – U – L100 357843	2 – 2
TS – V – 113 – UB – L100 357844	2 – 3
TS – V – 113 – U 357845	2 – 4
TS – V – 113 – UB 357846	2 – 5
TS – V – 113 – UB – SL 357847	2 – 6
TS – V – 113 – WB 357848	2 – 7
TS – V – 113 – WB – SL 357849	2 – 8
TS – V – 230 – U – L100 357850	2 – 9
TS – V – 230 – UB – L100 357851	2 – 10
TS – V – 245 – U 357852	2 – 11
TS – V – 245 – UB 357853	2 – 12
TS – V – 245 – UB – SL 357854	2 – 13
TS – V – 290 – U – M8 357855	2 – 14
TS – V – 290 – U – L75 357856	2 – 15
TS – V – 290 – U – L125 357857	2 – 16
TS – V – 290 – UB – L75 357858	2 – 17
TS – V – 290 – UB – L125 357859	2 – 18
TS – V – 290 – UB – L175 357860	2 – 19
TS – V – 290 – UB – SL 357861	2 – 20
TS – V – 290 – WB – L150 357862	2 – 21
TS – V – 360 – U 357863	2 – 22
TS – V – 360 – UB 357864	2 – 23
TS – V – 360 – UB – SL 357865	2 – 24
TS – V – 360 – WB – SL 357866	2 – 25
TS – V – 545 – UB 357867	2 – 26
TS – V – 600 – UB 357868	2 – 27

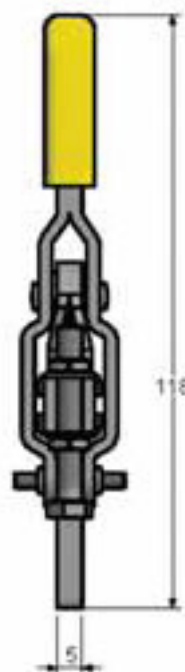
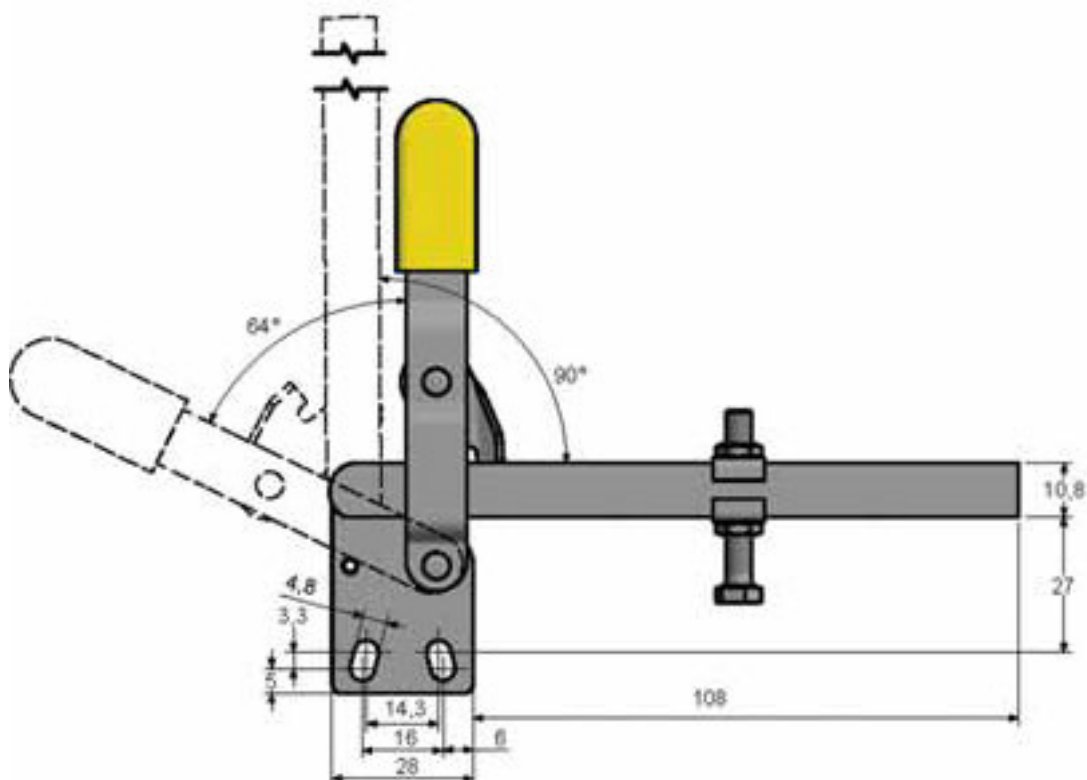


TS - V - 113 - U - L100 357843



VERTICAL ACTION

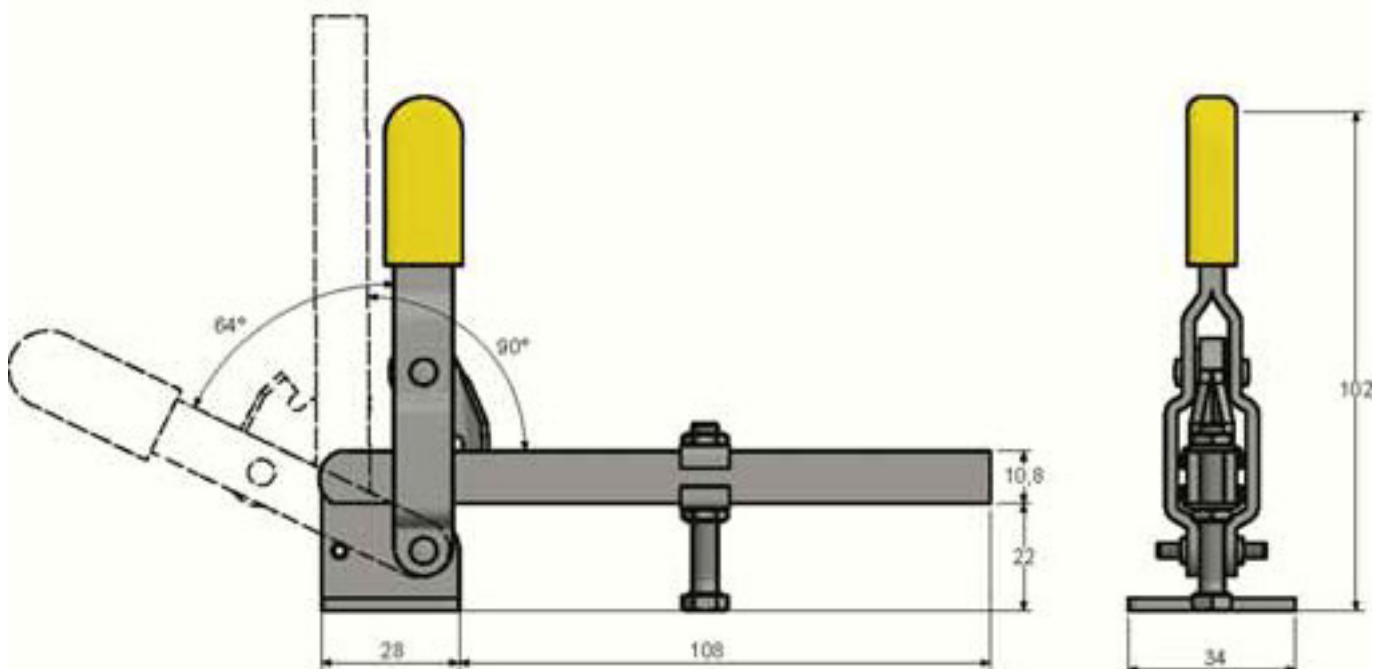
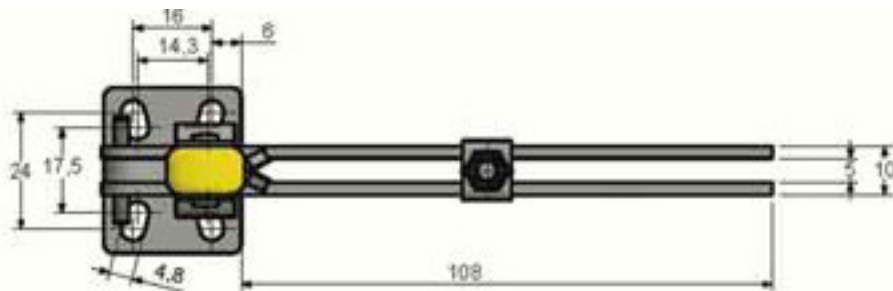
Material	Heavy gauge steel Hardened bushes
Finish	Zinc Plated
Supplied with	M5x35 mm spindles
Max holding force	113 daN close to body
Weight	0.15 Kgs
Stroke	–
Clamping Pressure	100 daN - 65 daN



Material	Heavy gauge steel Hardened bushes
Finish	Zinc Plated
Supplied with	M5x35 mm spindles
Max holding force	113 daN close to body
Weight	0.15 Kgs
Stroke	–
Clamping Pressure	100 daN - 65 daN

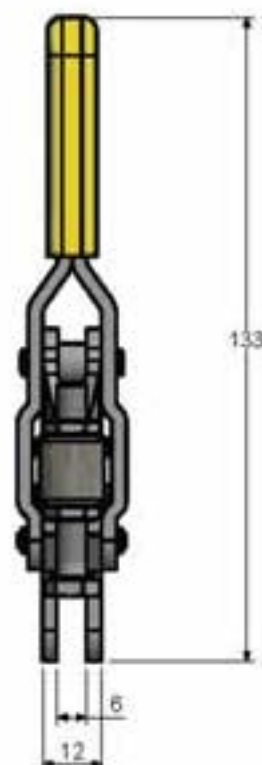
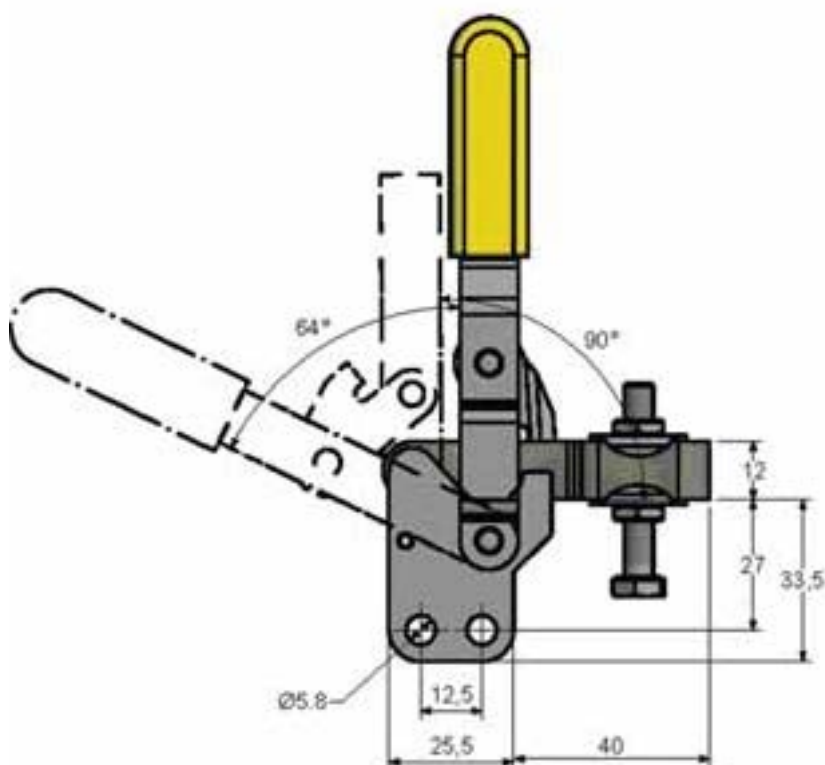


VERTICAL ACTION





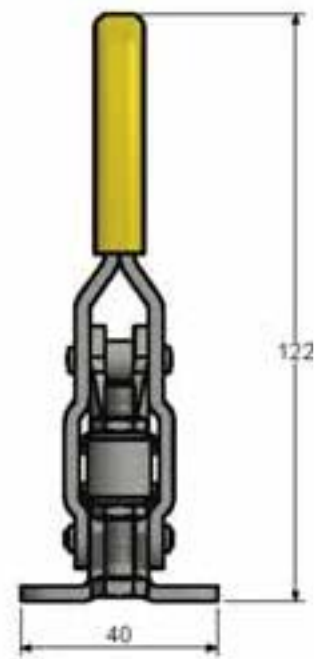
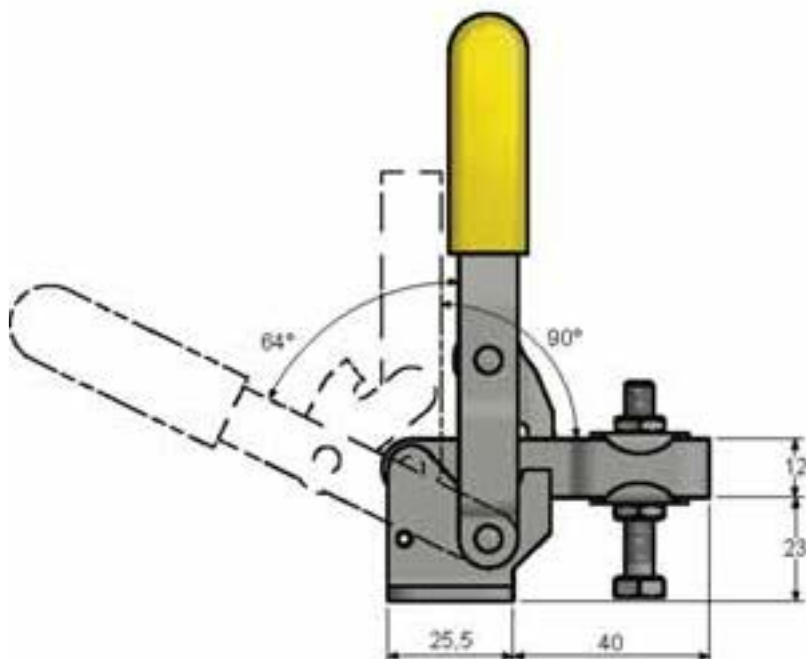
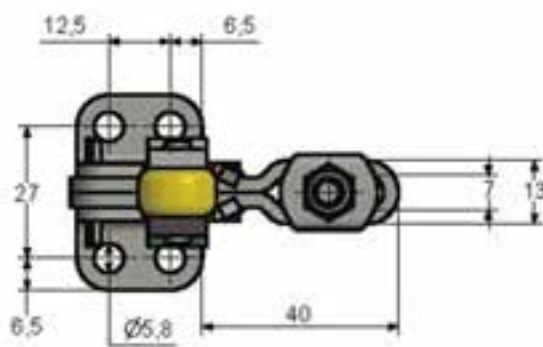
Material	Heavy gauge steel Hardened bushes
Finish	Zinc Plated
Supplied with	6x40 mm spindles
Max holding force	113 daN close to body
Weight	0.2 Kgs
Stroke	–
Clamping Pressure	75 daN/100 daN



Material	Heavy gauge steel Hardened bushes
Finish	Zinc Plated
Supplied with	6x40 mm spindles
Max holding force	113 daN close to body
Weight	0.2 Kgs
Stroke	–
Clamping Pressure	75 daN/100 daN

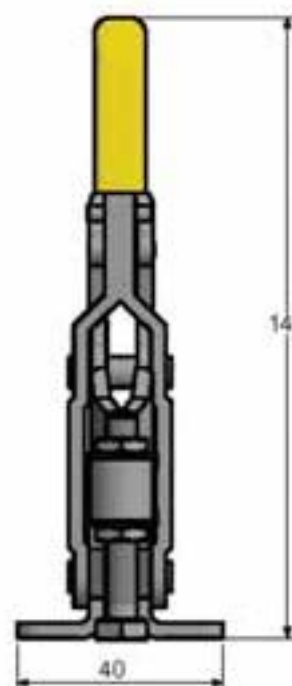
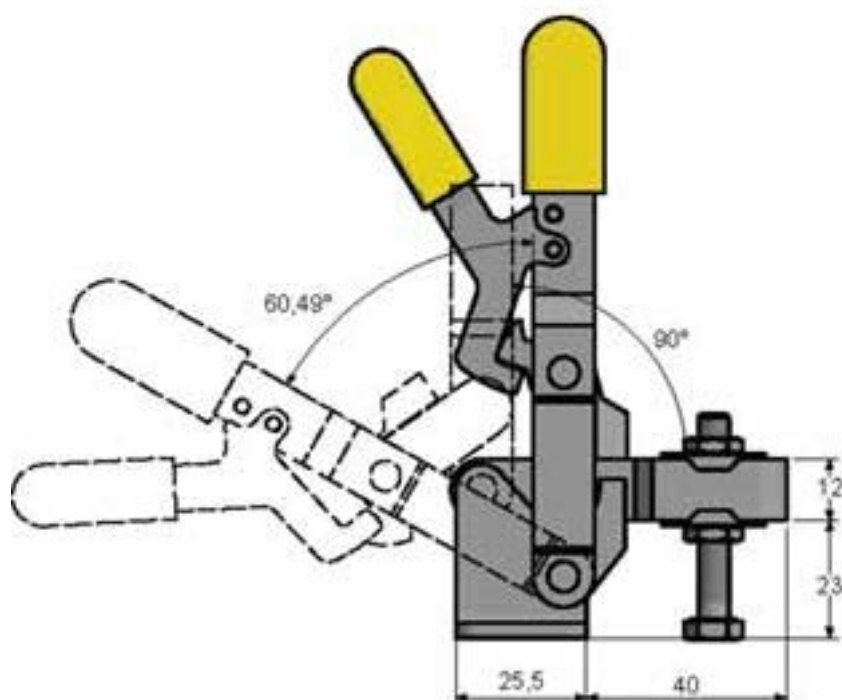
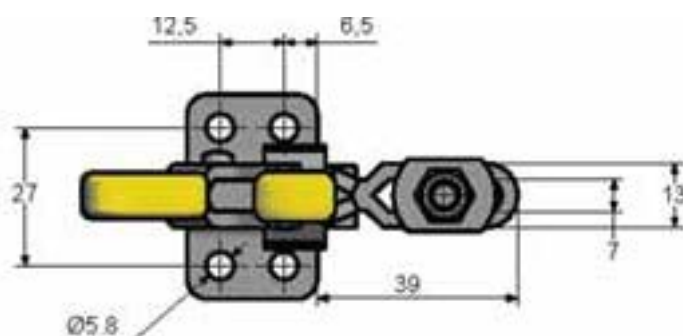


VERTICAL ACTION





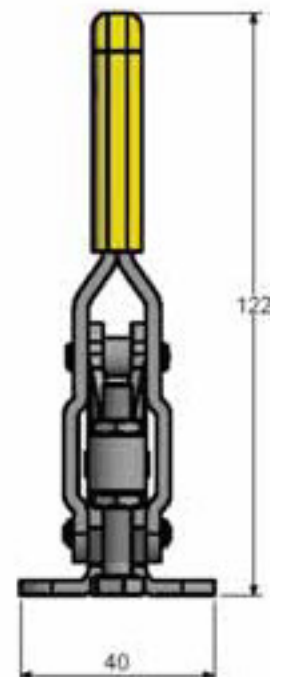
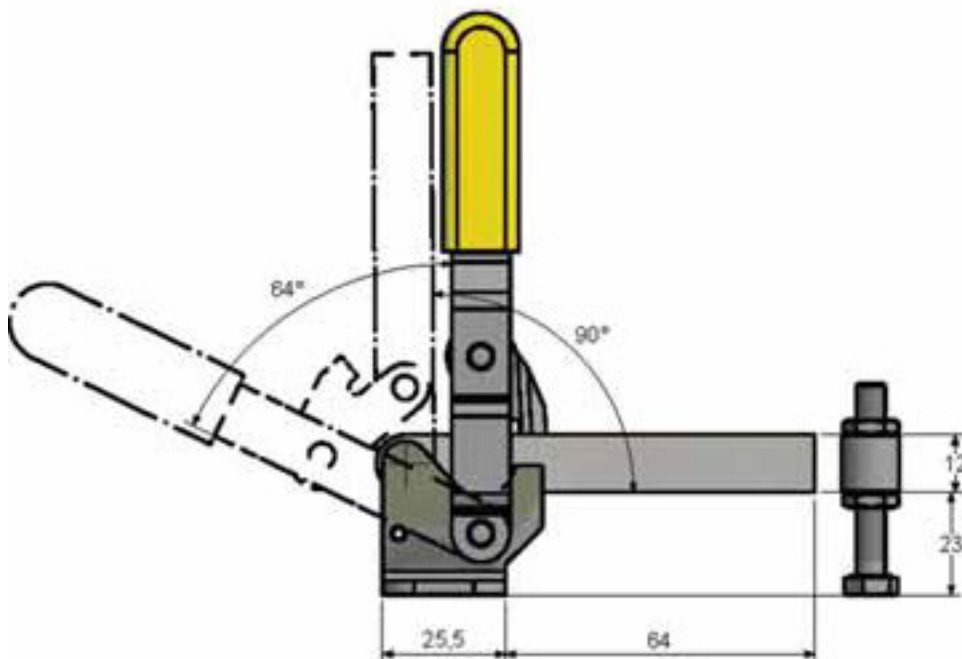
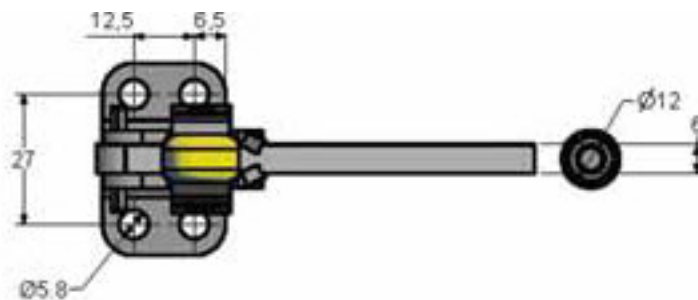
Material	Heavy gauge steel Hardened bushes
Finish	Zinc Plated
Supplied with	6x40 mm spindles
Max holding force	113 daN close to body
Weight	0.2 Kgs
Stroke	–
Clamping Pressure	75 daN/100 daN



Material	Heavy gauge steel Hardened bushes
Finish	Zinc Plated
Supplied with	6x40 mm spindles
Max holding force	113 daN close to body
Weight	0.2 Kgs
Stroke	–
Clamping Pressure	75 daN/100 daN

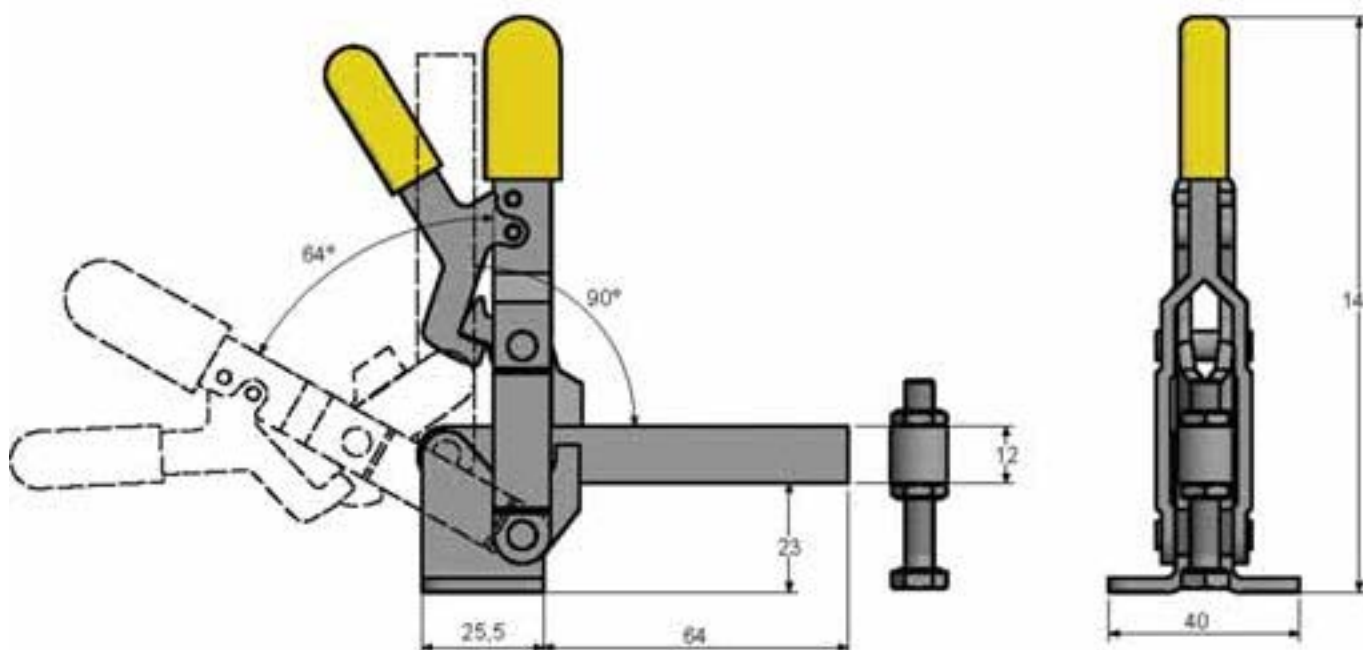
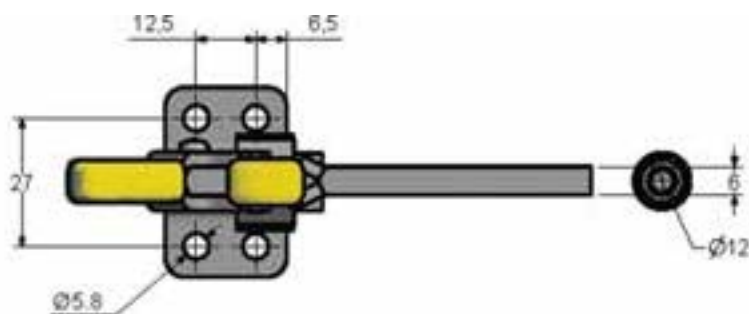


VERTICAL ACTION





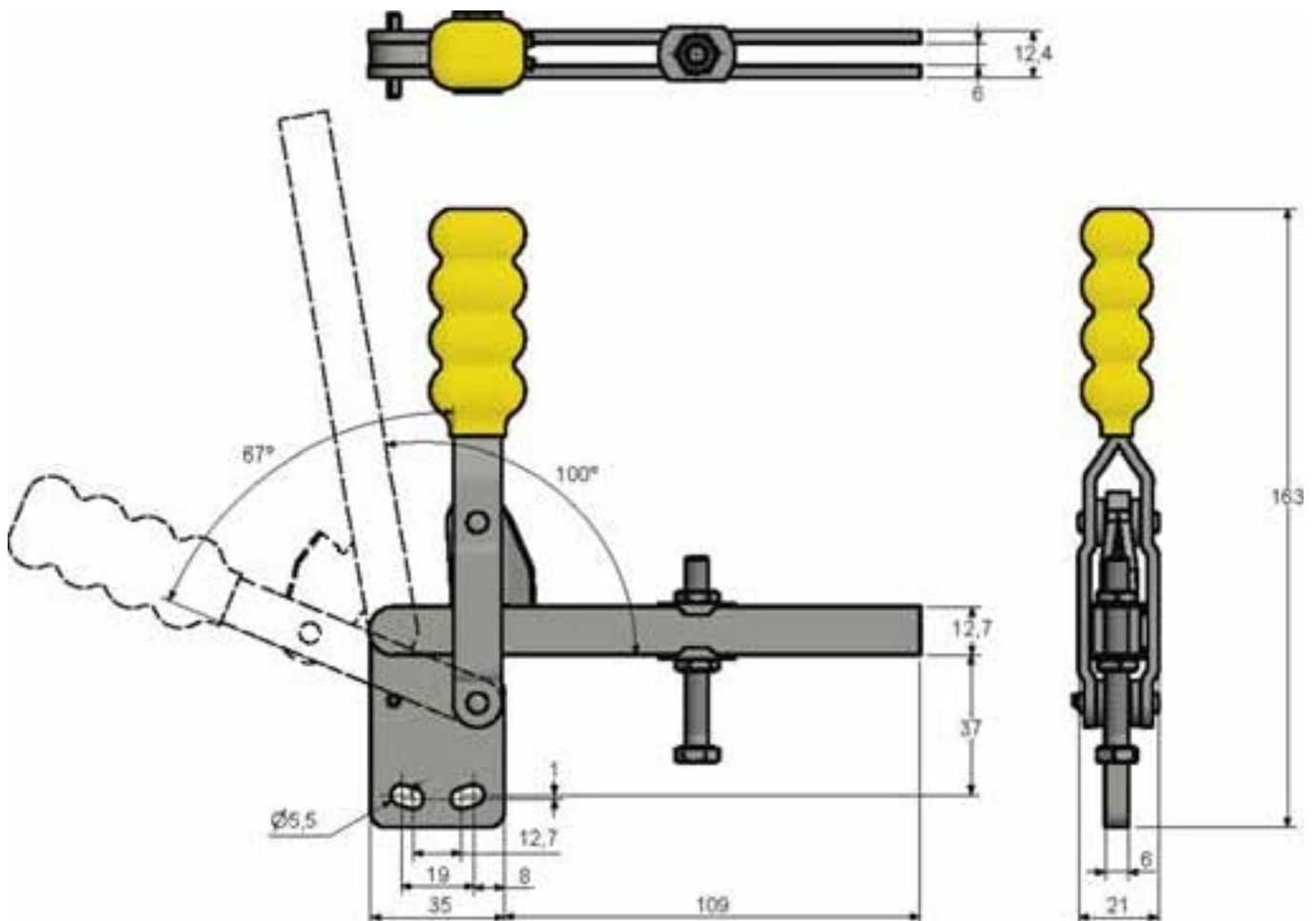
Material	Heavy gauge steel Hardened bushes
Finish	Zinc Plated
Supplied with	6x40 mm spindles
Max holding force	113 daN close to body
Weight	0.2 Kgs
Stroke	–
Clamping Pressure	75 daN/100 daN



Material	Heavy gauge steel Hardened bushes
Finish	Zinc Plated
Supplied with	M6x50 mm spindles
Max holding force	230 daN
Weight	0.23 Kgs
Stroke	–
Clamping Pressure	138 daN - 85 daN

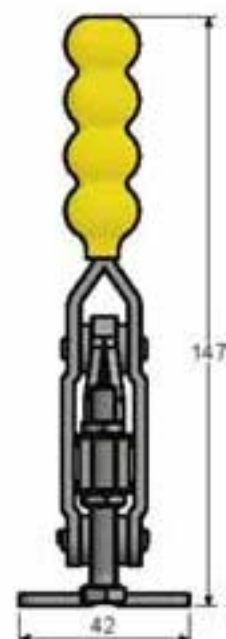
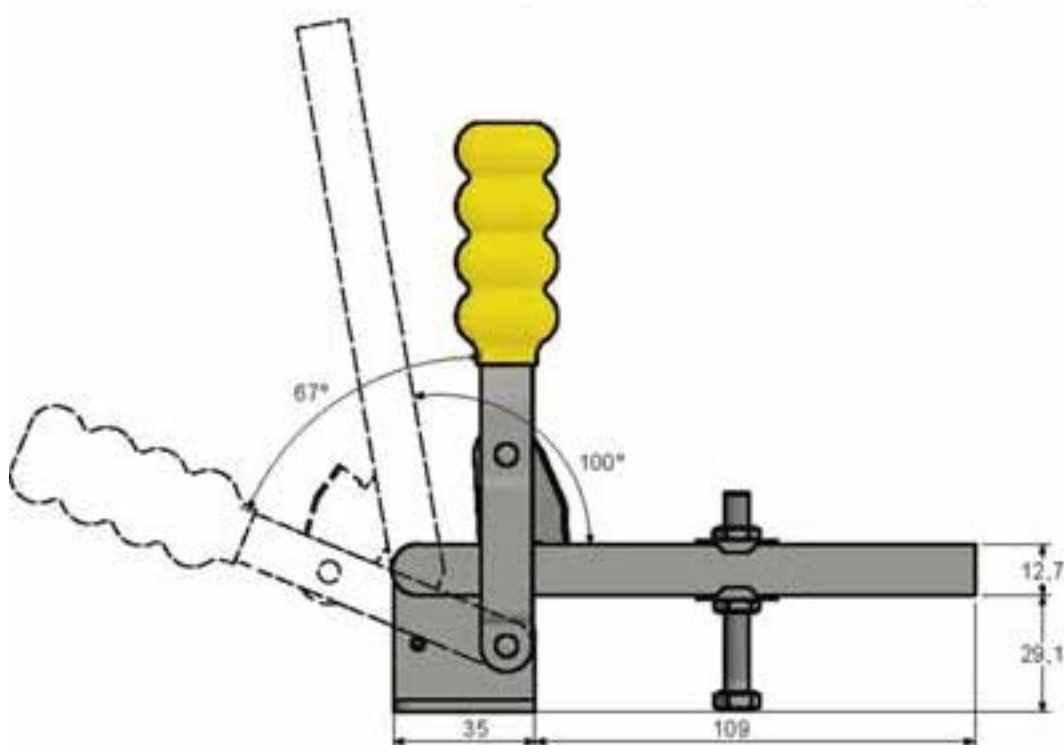
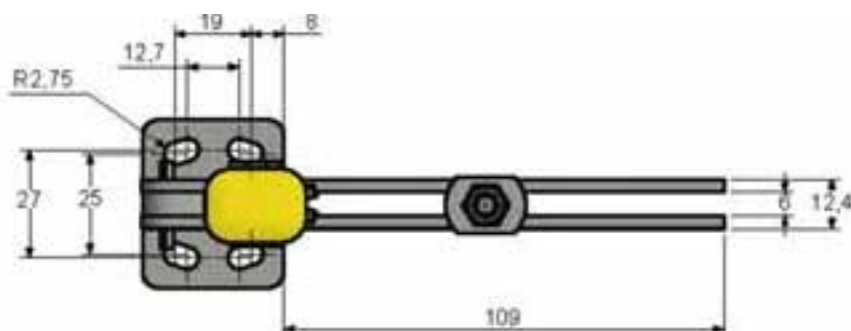


VERTICAL ACTION





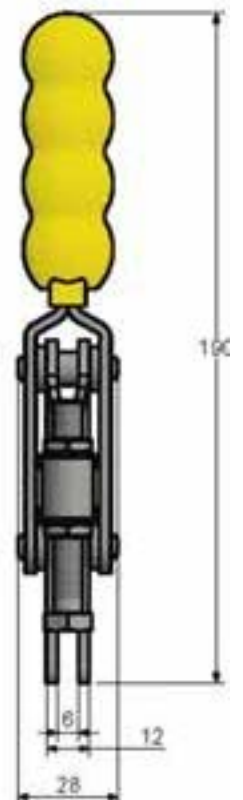
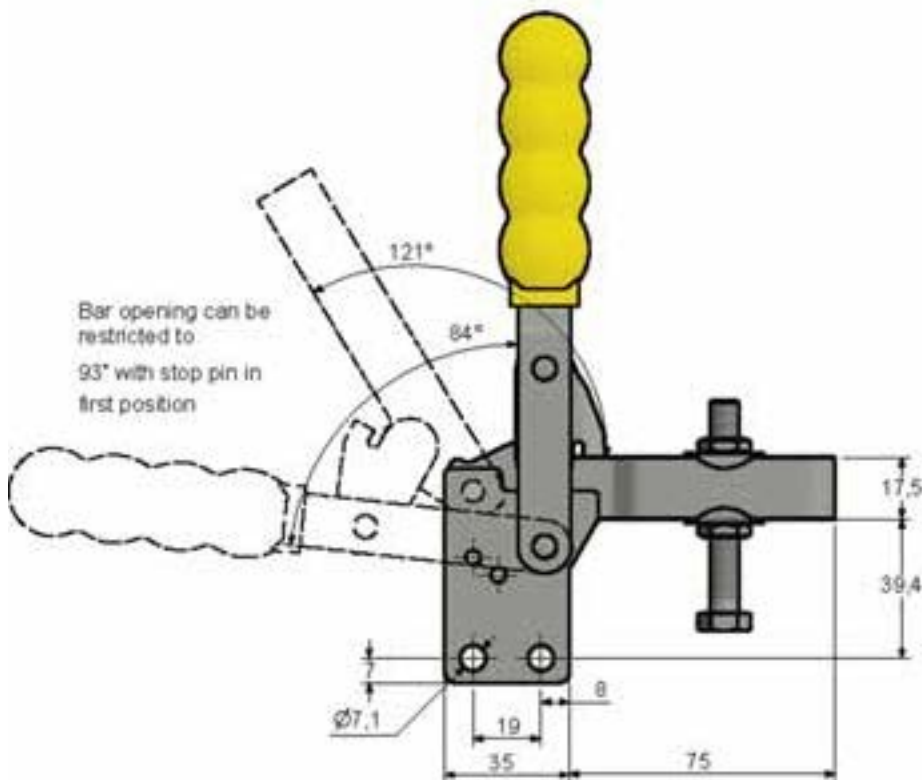
Material	Heavy gauge steel Hardened bushes
Finish	Zinc Plated
Supplied with	M6x50 mm spindles
Max holding force	230 daN
Weight	0.27 Kgs
Stroke	–
Clamping Pressure	138 daN



Material	Heavy gauge steel Hardened bushes
Finish	Zinc Plated
Supplied with	M8x60 mm spindles
Max holding force	245 daN
Weight	0.38 Kgs
Stroke	–
Clamping Pressure	165 daN/85 daN

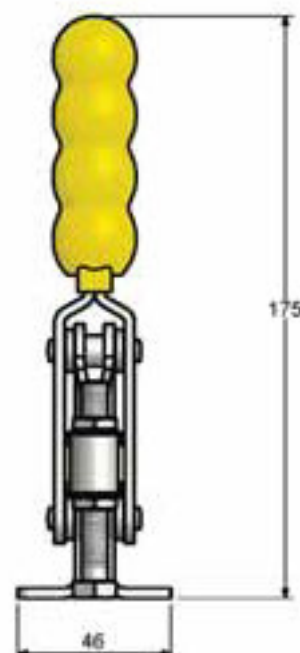
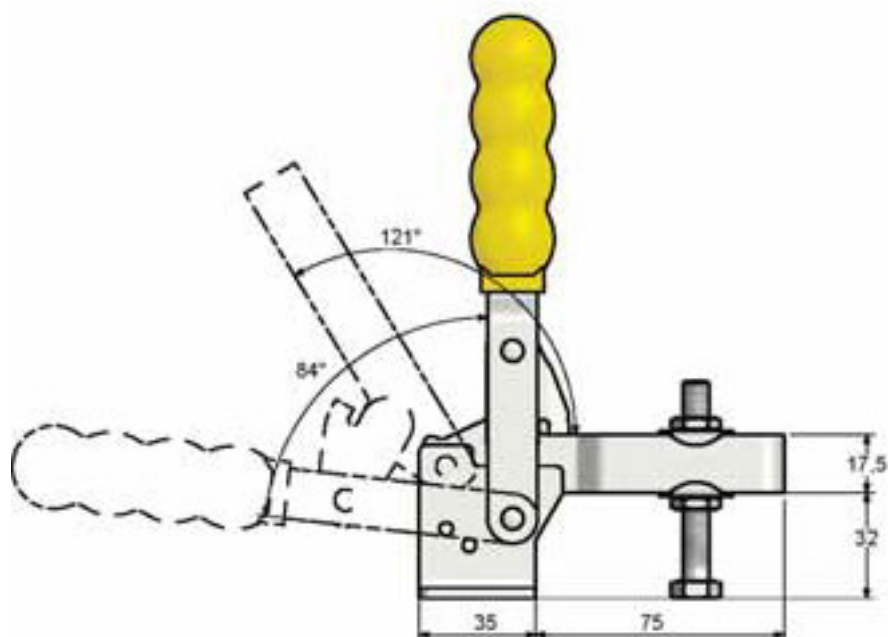
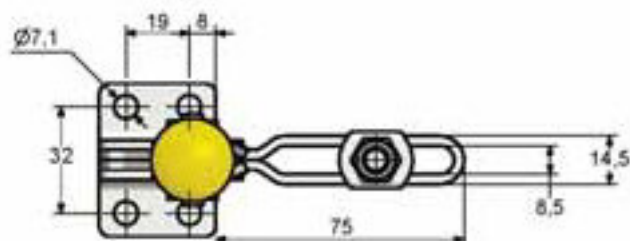


VERTICAL ACTION





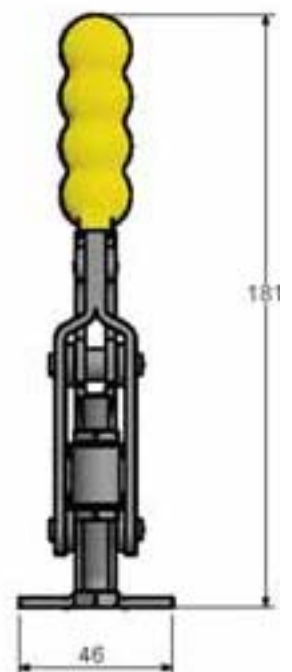
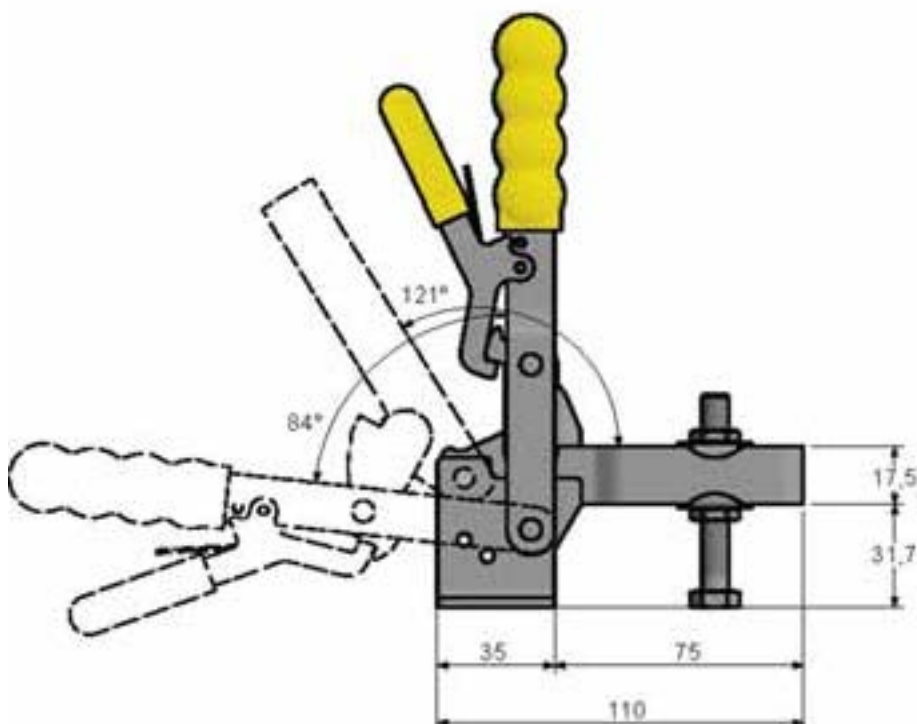
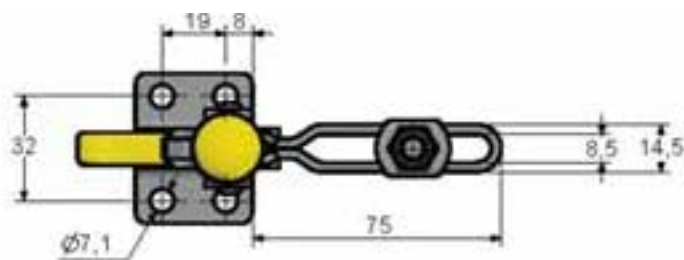
Material	Heavy gauge steel Hardened bushes
Finish	Zinc Plated
Supplied with	M8x60 mm spindles
Max holding force	245 daN
Weight	0.38 Kgs
Stroke	–
Clamping Pressure	65 daN/85 daN



Material	Heavy gauge steel Hardened bushes
Finish	Zinc Plated
Supplied with	M8x60 mm spindles
Max holding force	245 daN
Weight	0.38 Kgs
Stroke	–
Clamping Pressure	165 daN/85 daN



VERTICAL ACTION



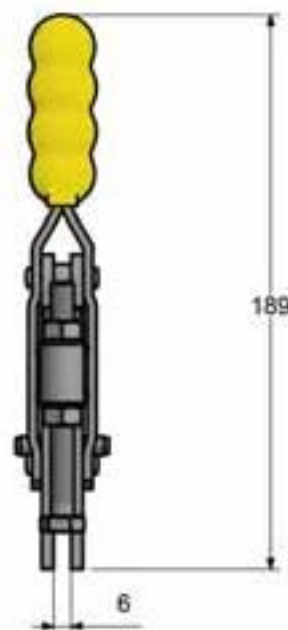
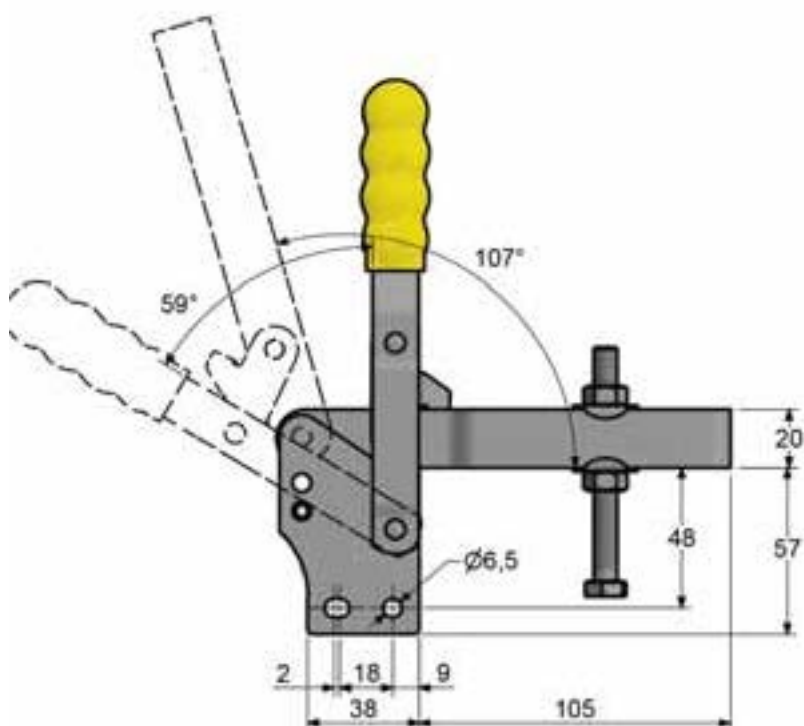


TS – V – 290 – U – M8 357855



VERTICAL ACTION

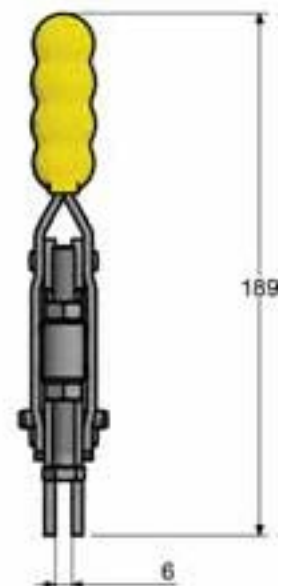
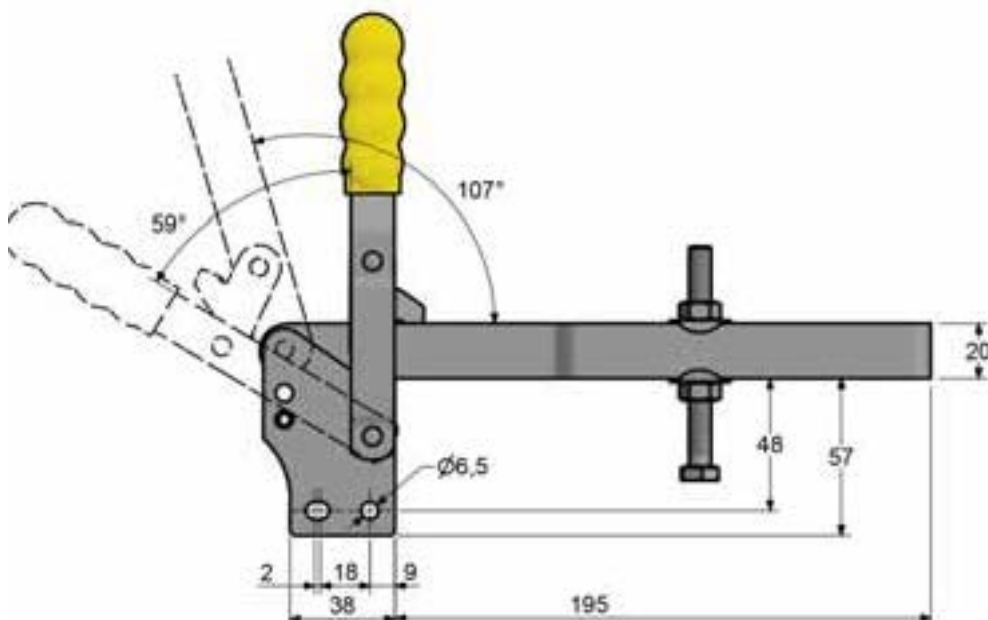
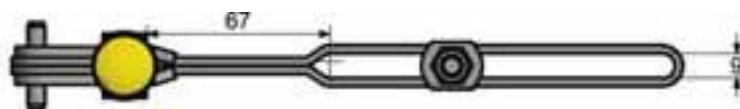
Material	Heavy gauge steel Hardened bushes
Finish	Zinc Plated
Supplied with	M8x80 mm spindles
Max holding force	290 daN
Weight	0.6 Kgs
Stroke	–
Clamping Pressure	165 daN



Material	Heavy gauge steel Hardened bushes
Finish	Zinc Plated
Supplied with	M8x80 mm spindles
Max holding force	290 daN
Weight	0.6 Kgs
Stroke	–
Clamping Pressure	165 daN



VERTICAL ACTION



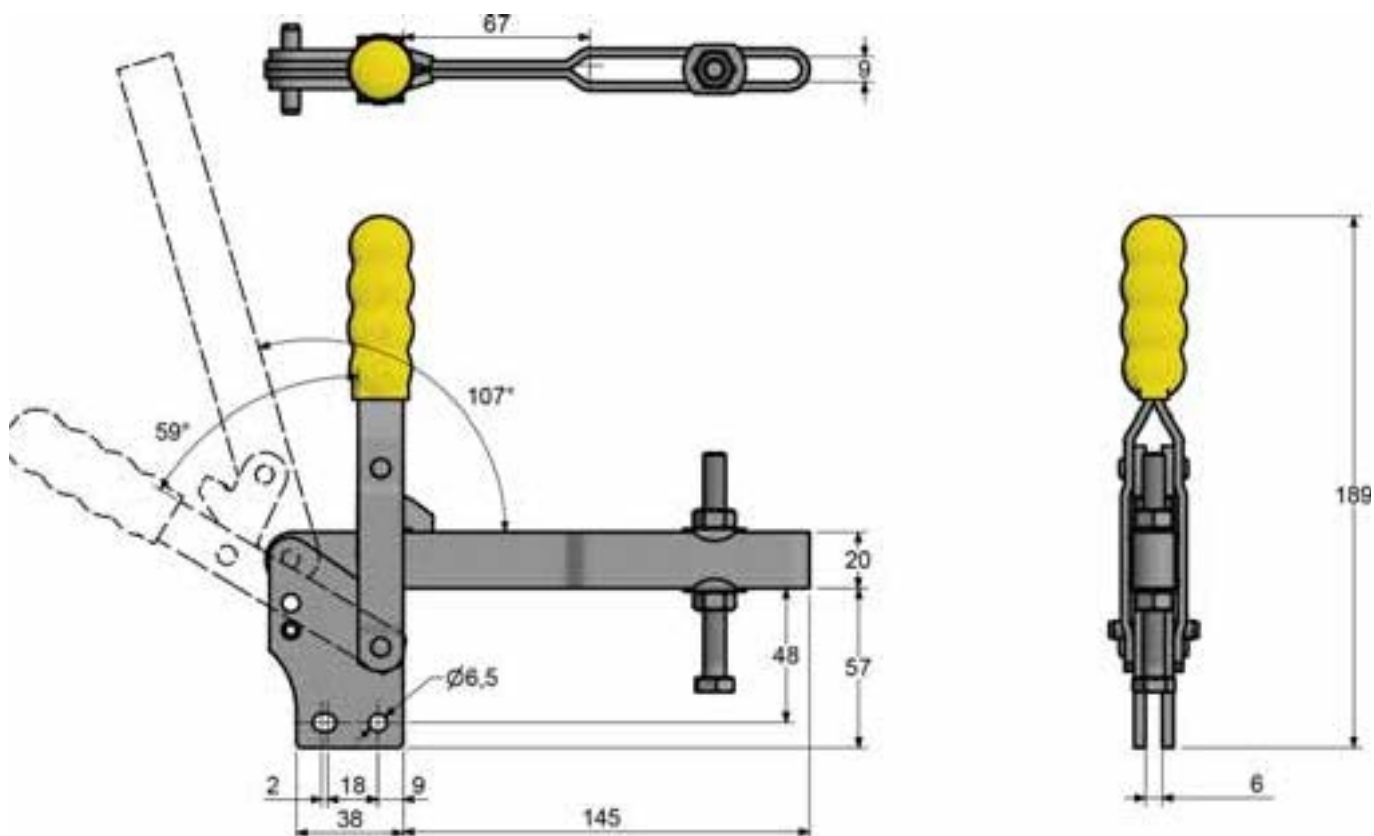


TS - V - 290 - U - L125 357857



VERTICAL ACTION

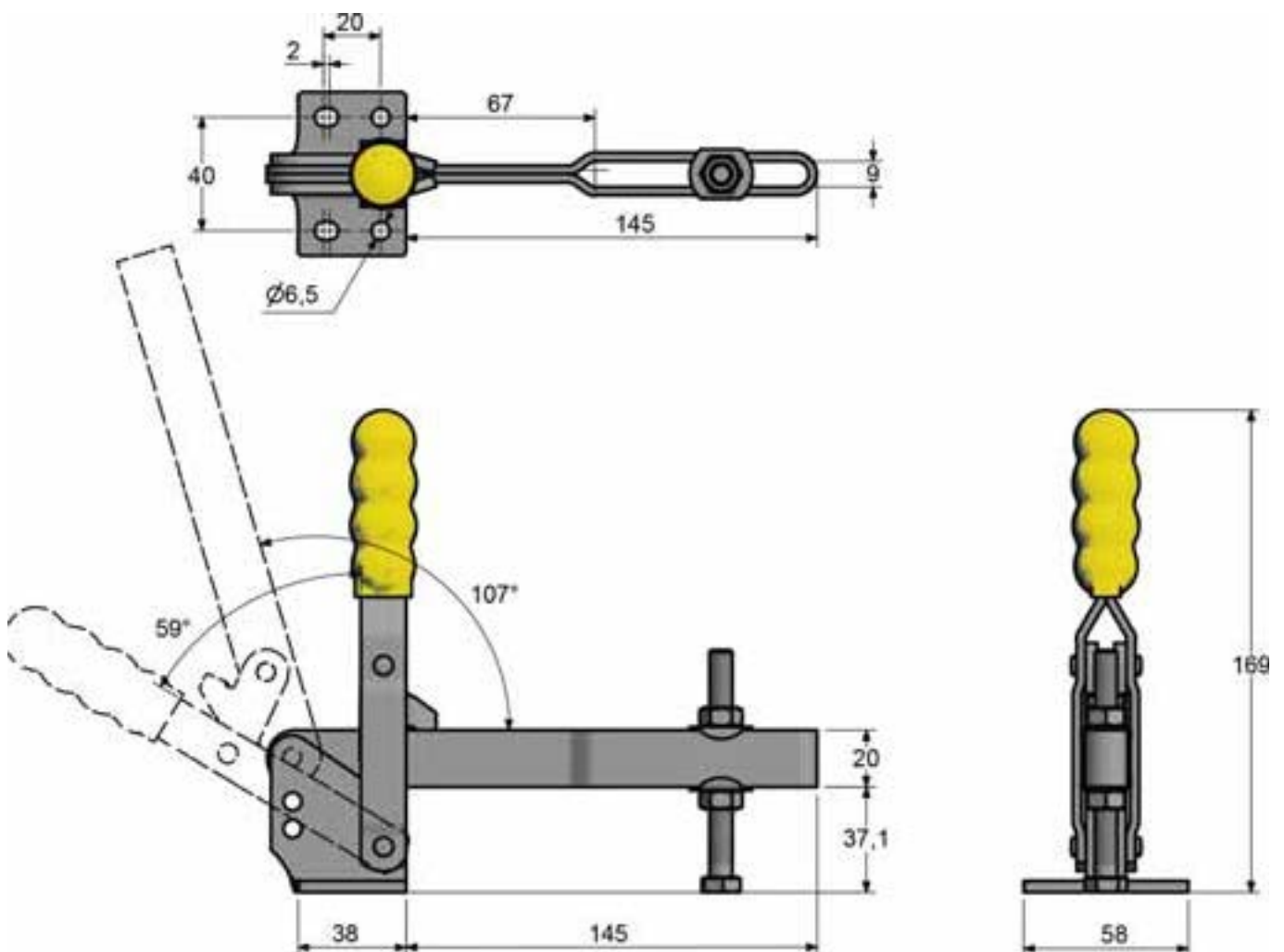
Material	Heavy gauge steel Hardened bushes
Finish	Zinc Plated
Supplied with	M8x80 mm spindles
Max holding force	290 daN
Weight	0.6 Kgs
Stroke	–
Clamping Pressure	165 daN



Material	Heavy gauge steel Hardened bushes
Finish	Zinc Plated
Supplied with	M8x80 mm spindles
Max holding force	290 daN
Weight	0.6 Kgs
Stroke	–
Clamping Pressure	165 daN

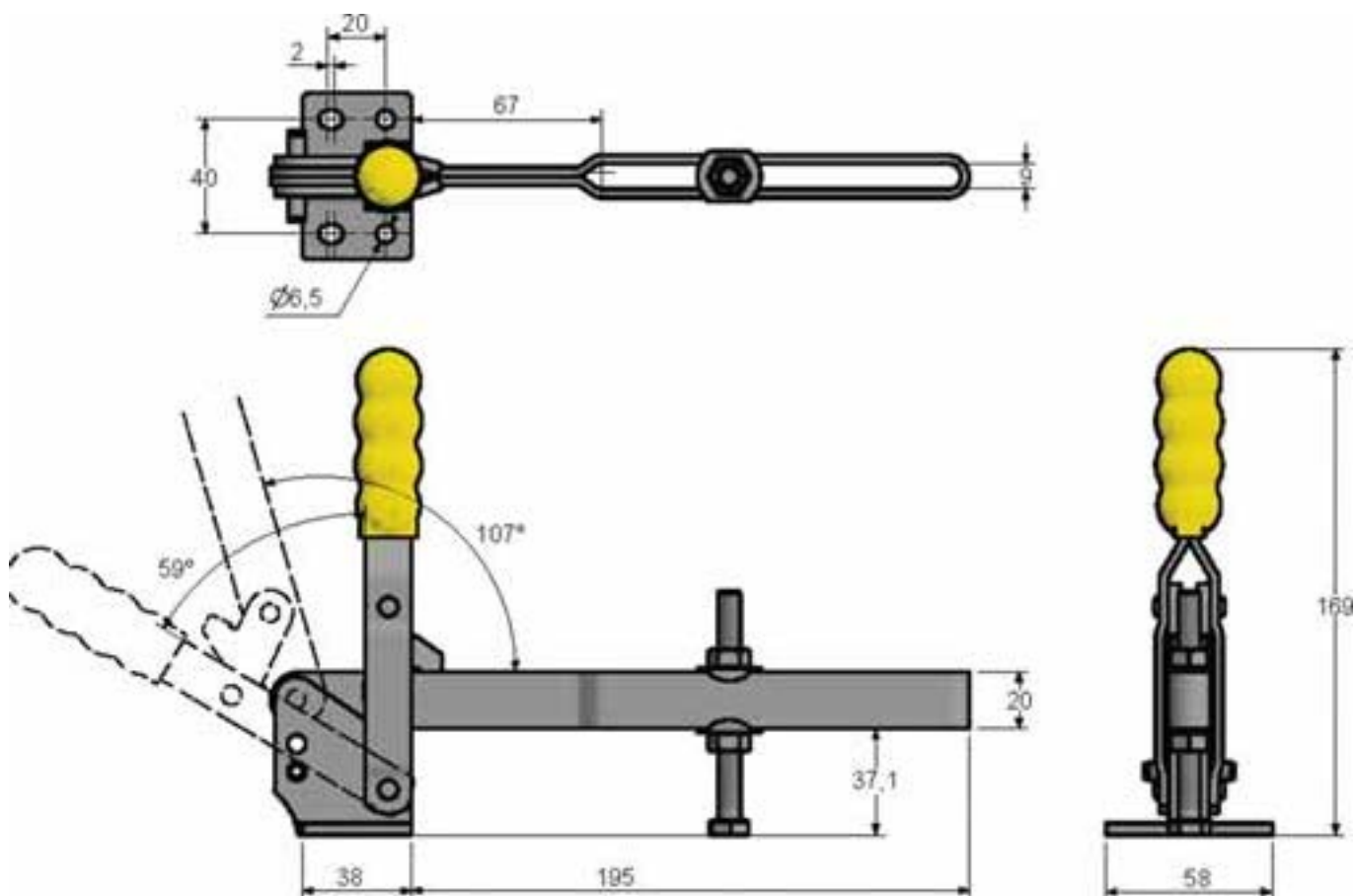


VERTICAL ACTION





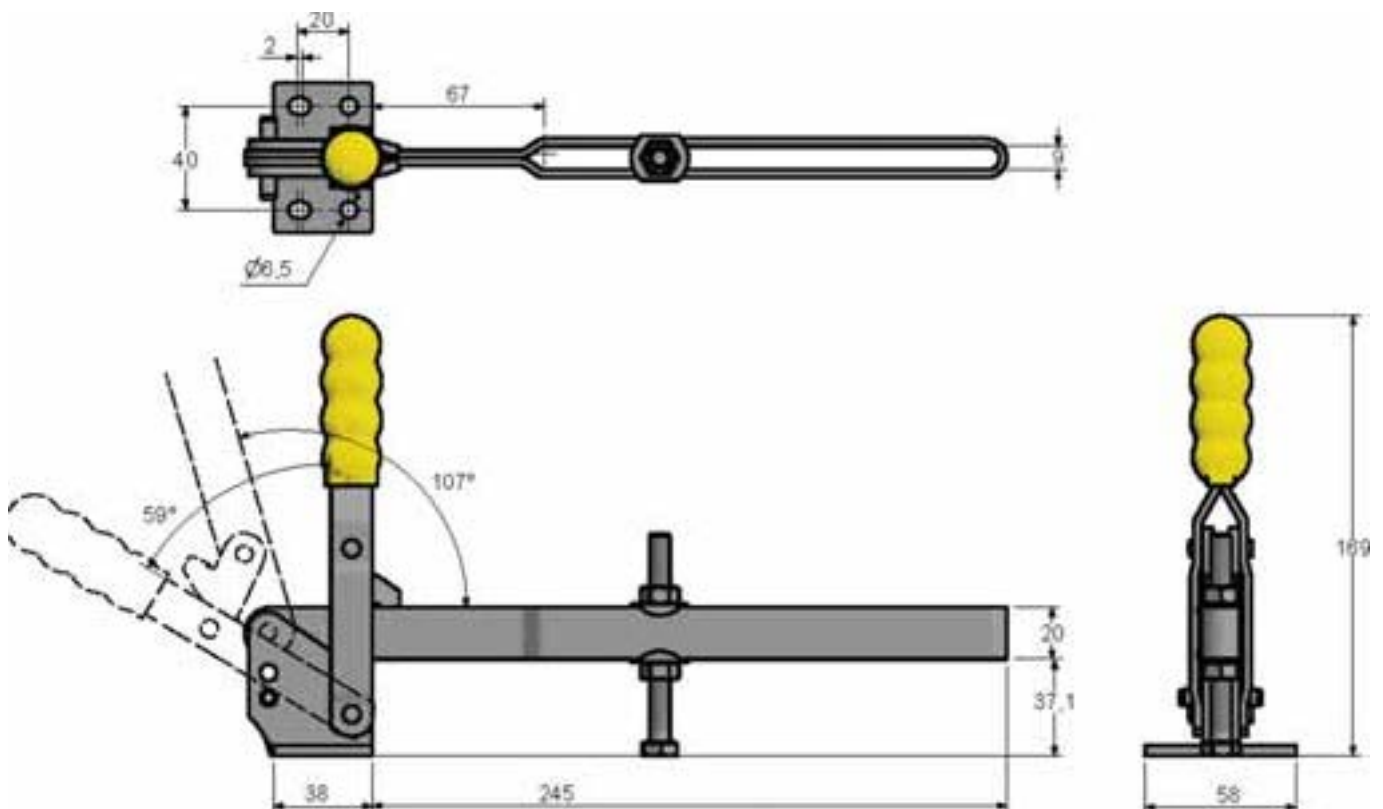
Material	Heavy gauge steel Hardened bushes
Finish	Zinc Plated
Supplied with	M8x80 mm spindles
Max holding force	290 daN
Weight	0.6 Kgs
Stroke	–
Clamping Pressure	165 daN



Material	Heavy gauge steel Hardened bushes
Finish	Zinc Plated
Supplied with	M8x80 mm spindles
Max holding force	290 daN
Weight	0.6 Kgs
Stroke	–
Clamping Pressure	165 daN

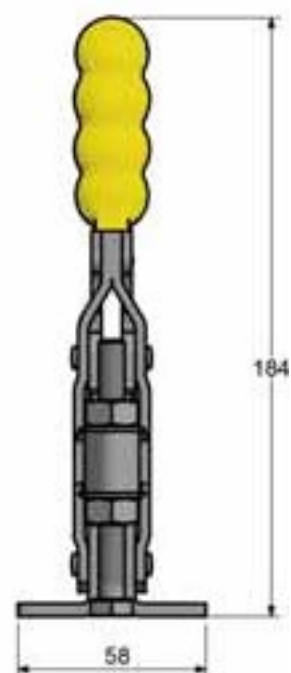
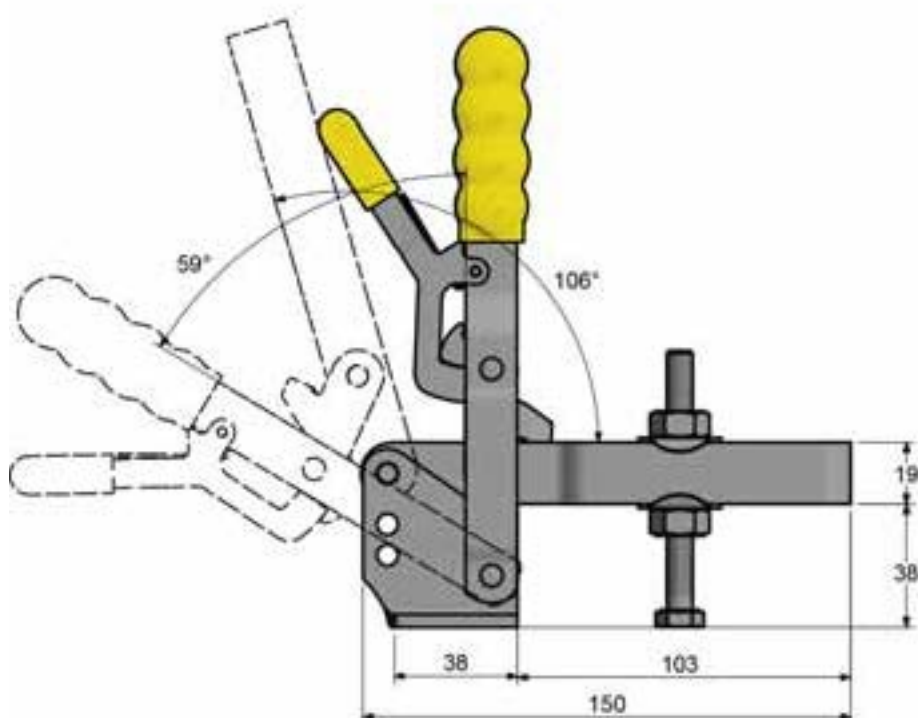
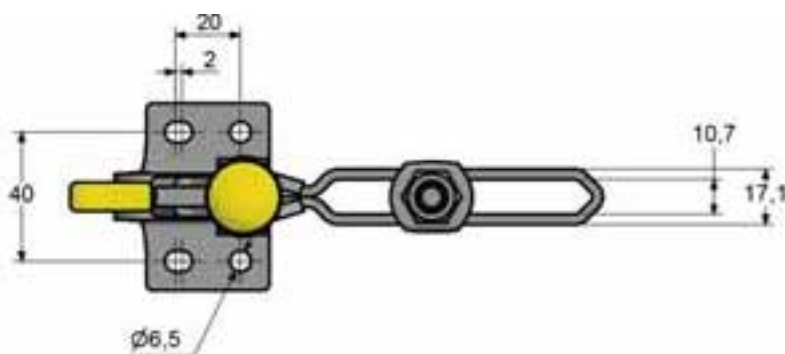


VERTICAL ACTION





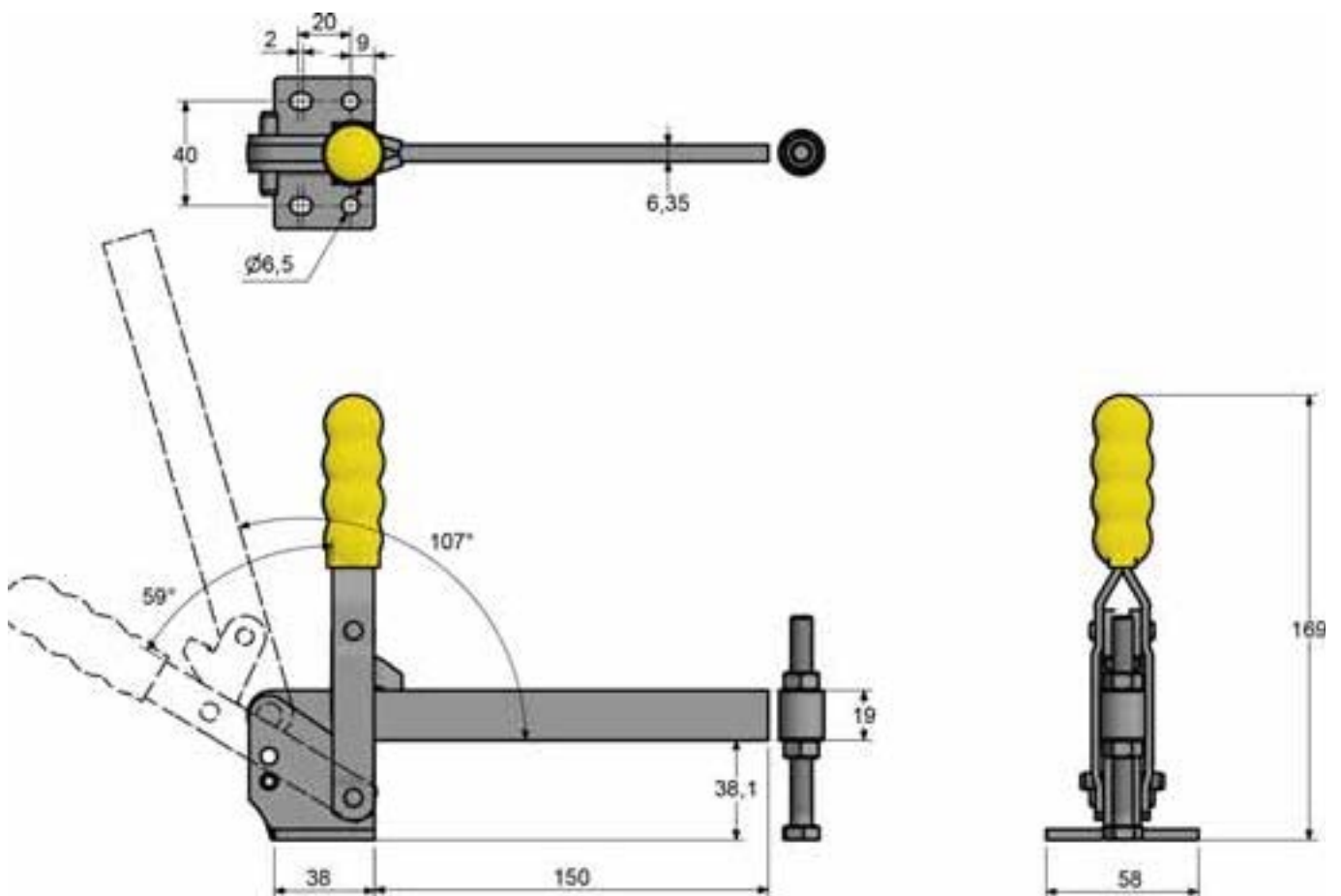
Material	Heavy gauge steel Hardened bushes
Finish	Zinc Plated
Supplied with	M8x80 mm spindles
Max holding force	290 daN
Weight	0.6 Kgs
Stroke	–
Clamping Pressure	165 daN



Material	Heavy gauge steel Hardened bushes
Finish	Zinc Plated
Supplied with	M8x80 mm spindles
Max holding force	290 daN
Weight	0.6 Kgs
Stroke	–
Clamping Pressure	165 daN

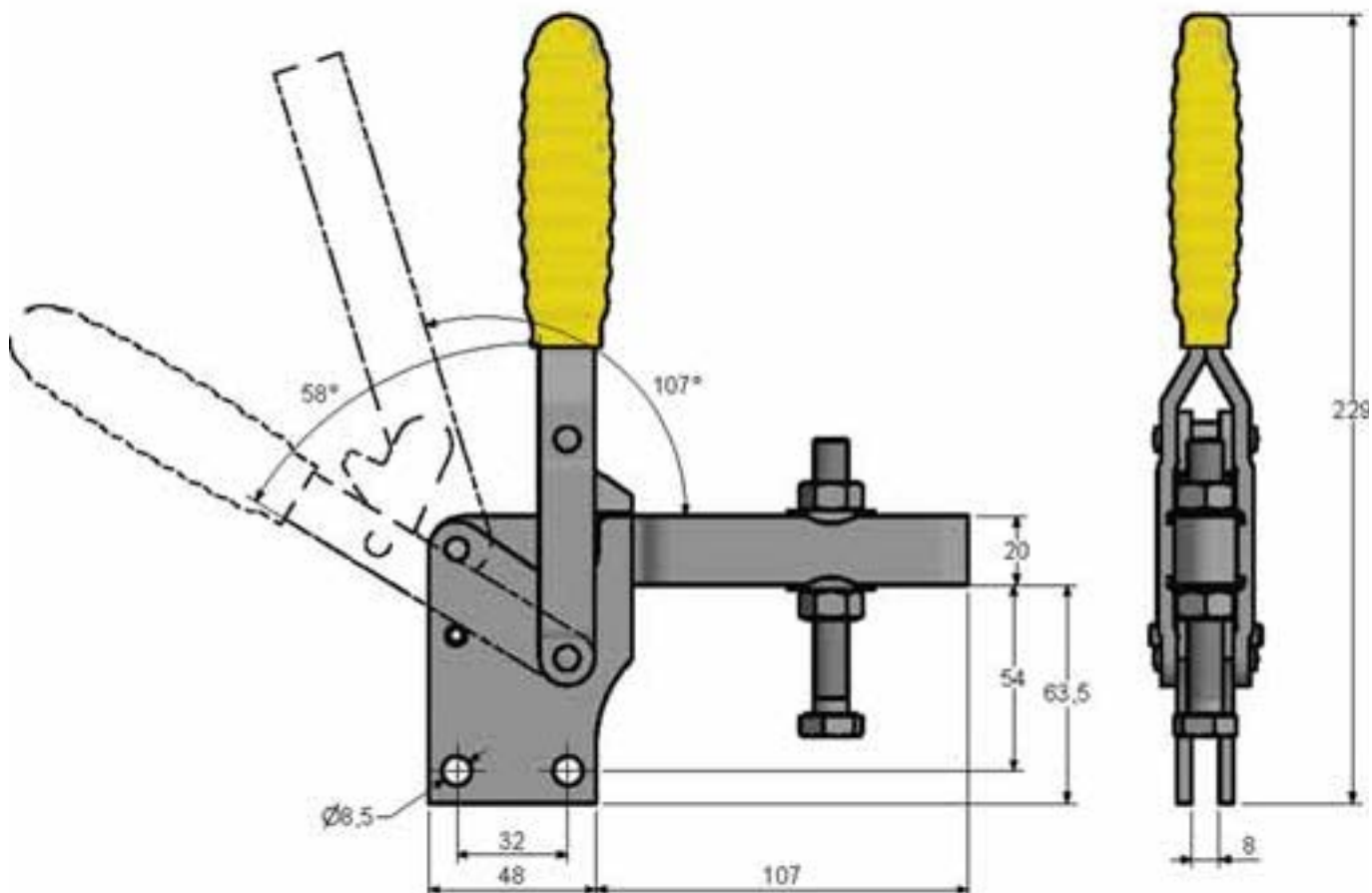


VERTICAL ACTION





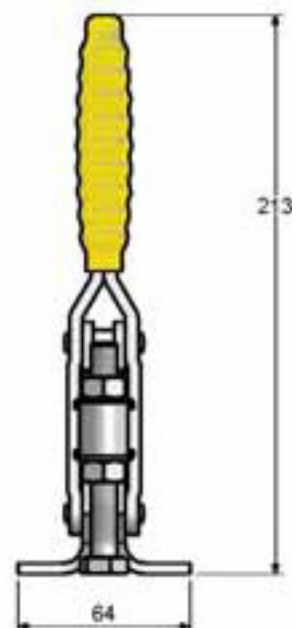
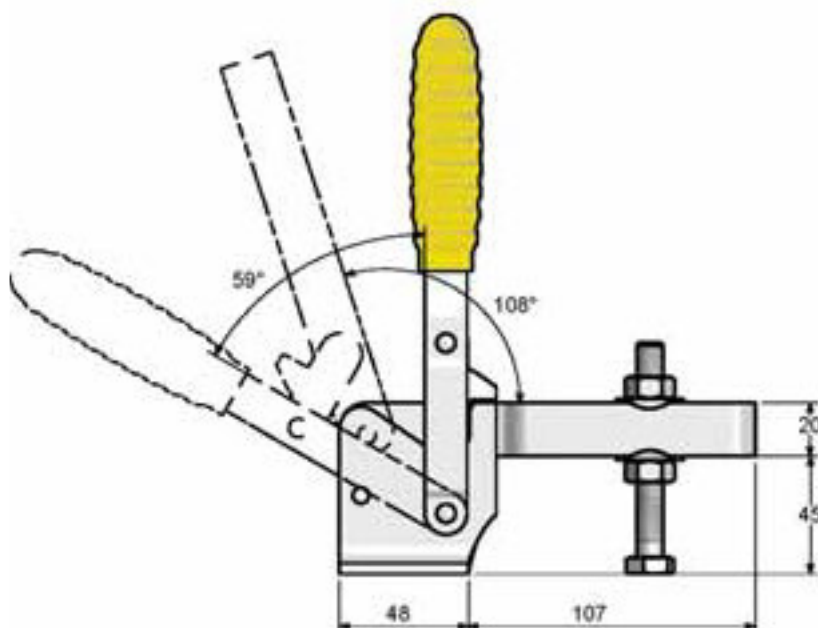
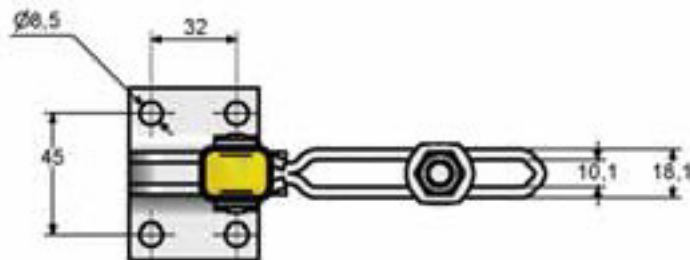
Material	Heavy gauge steel Hardened bushes
Finish	Zinc Plated
Supplied with	10x80 mm spindles
Max holding force	360 daN close to body
Weight	0.68 Kgs
Stroke	-
Clamping Pressure	145 daN/280 daN



Material	Heavy gauge steel Hardened bushes
Finish	Zinc Plated
Supplied with	10x80 mm spindles
Max holding force	360 daN close to body
Weight	0.68 Kgs
Stroke	–
Clamping Pressure	145 daN/280 daN

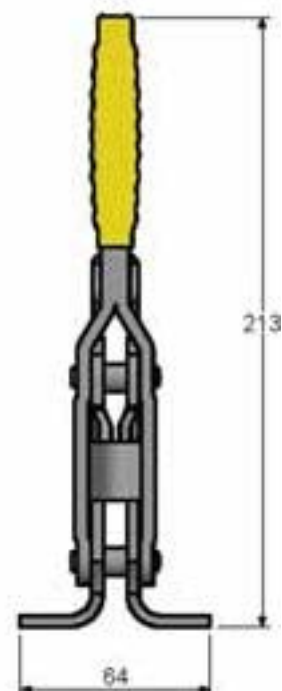
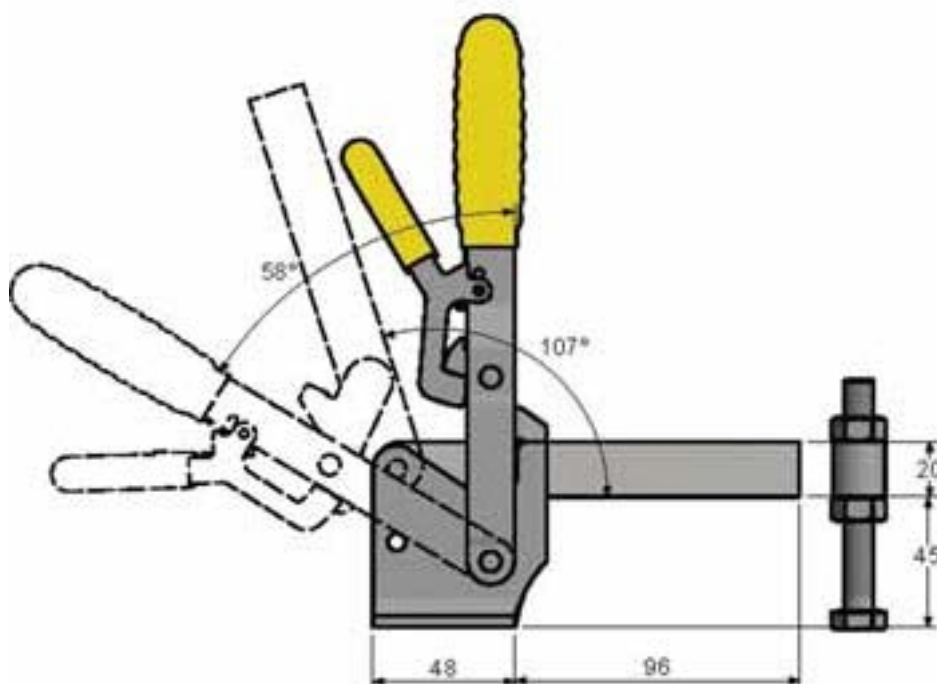
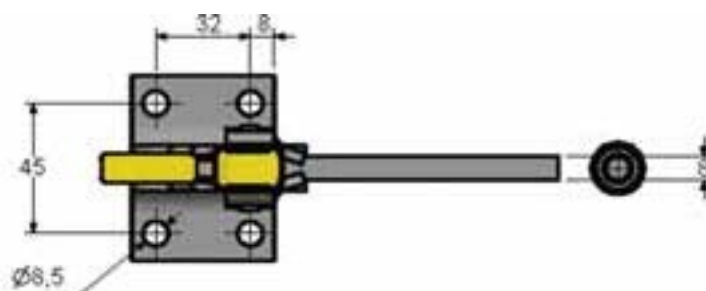


VERTICAL ACTION





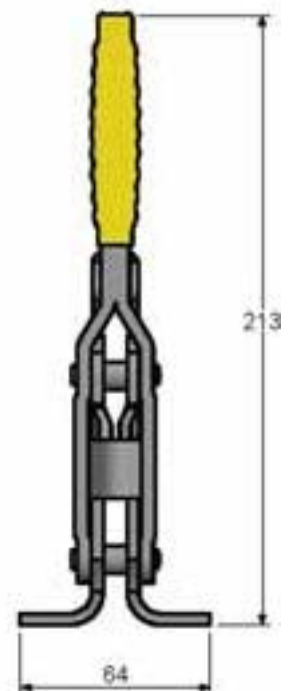
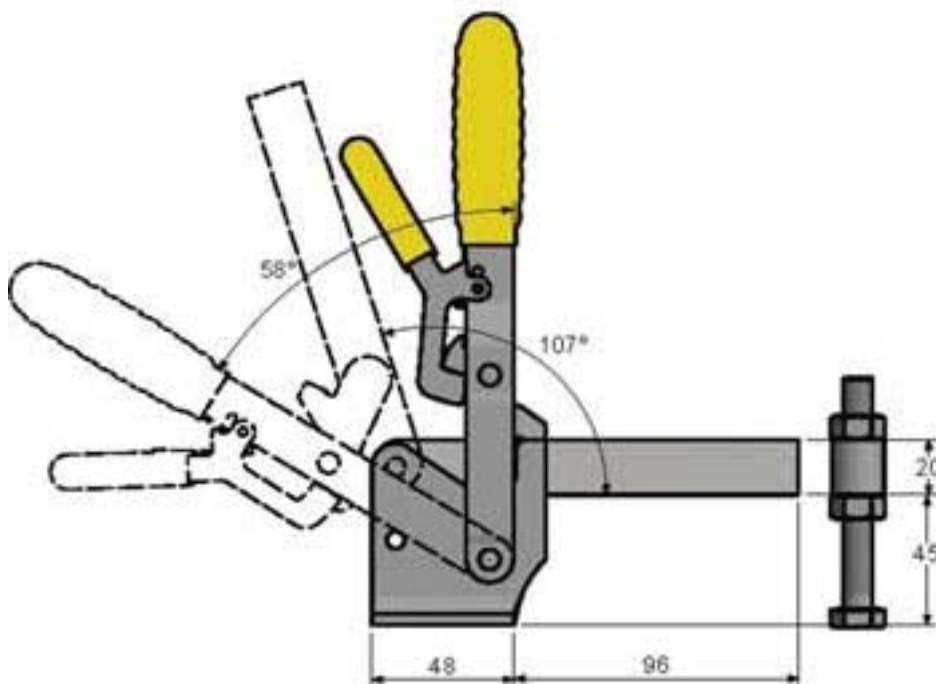
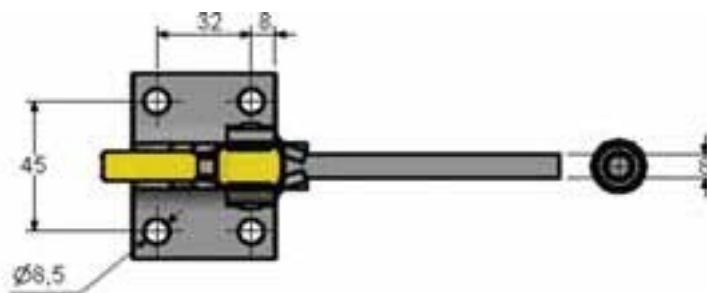
Material	Heavy gauge steel Hardened bushes
Finish	Zinc Plated
Supplied with	10x80 mm spindles
Max holding force	360 daN close to body
Weight	0.69 Kgs
Stroke	–
Clamping Pressure	145 daN/280 daN



Material	Heavy gauge steel Hardened bushes
Finish	Zinc Plated
Supplied with	10x80 mm spindles
Max holding force	360 daN close to body
Weight	0.69 Kgs
Stroke	–
Clamping Pressure	145 daN/280 daN

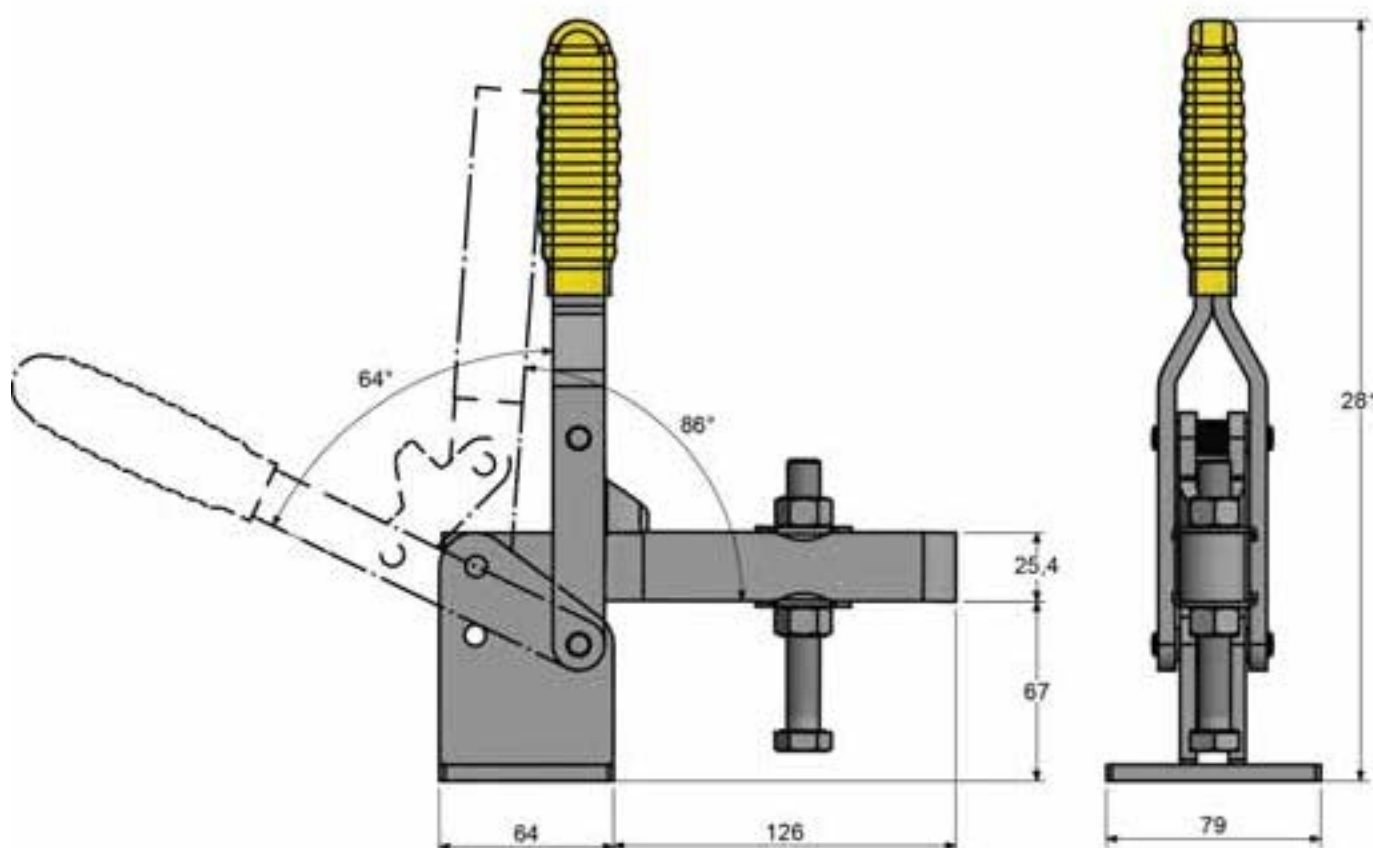
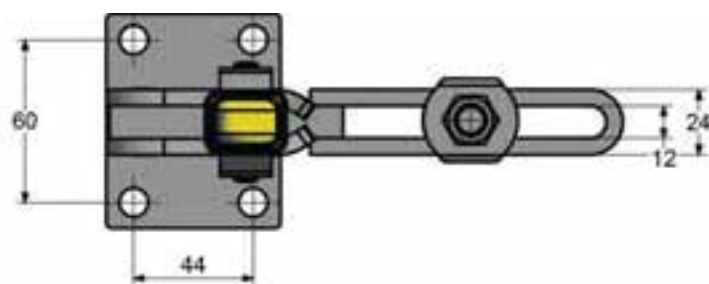


VERTICAL ACTION





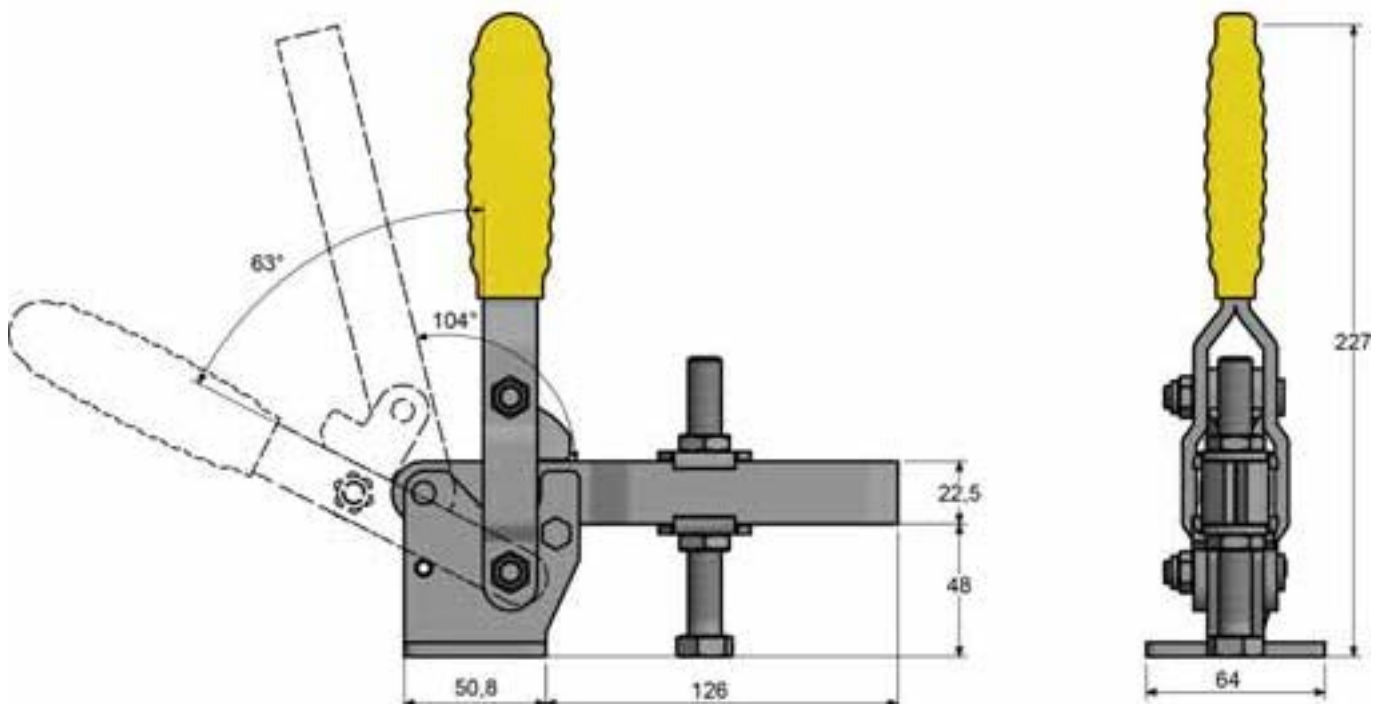
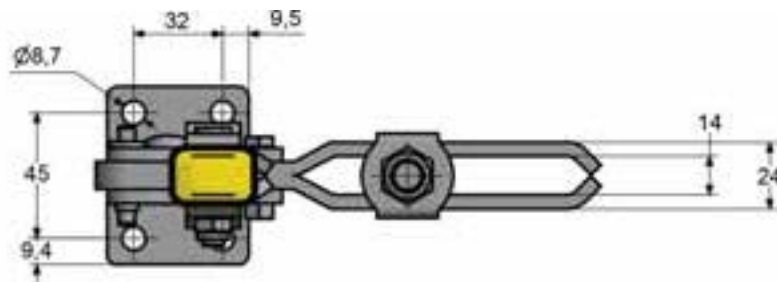
Material	Heavy gauge steel Hardened bushes
Finish	Zinc Plated
Supplied with	12x100 mm spindles
Max holding force	545 daN close to body
Weight	1.8 Kgs
Stroke	–
Clamping Pressure	180 daN/370 daN



Material	Heavy gauge steel Hardened bushes
Finish	Zinc Plated
Supplied with	M12x100 mm spindles
Max holding force	600 daN
Weight	1.25 Kgs
Stroke	–
Clamping Pressure	290 daN/135 daN



VERTICAL ACTION



Product Description

The TÜNKERS horizontal action hold down clamp with low height design is holding down the work piece with a downward clamping action with holding forces up to 680daN. In contrast to the vertical hold down action clamps, with these the movement of the clamp arm and the handle are in opposite direction.

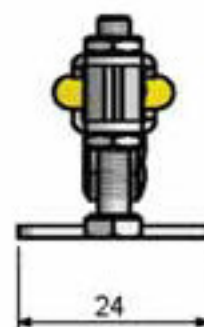
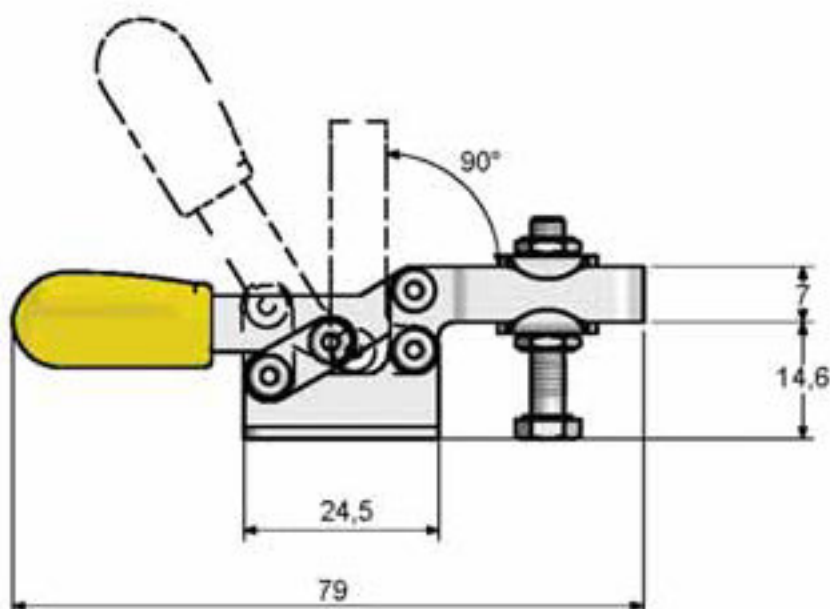
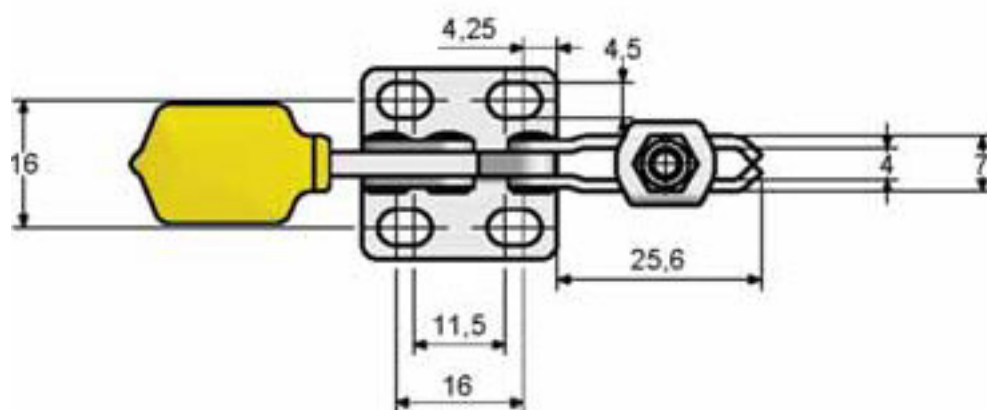
The clamping arm can be solid bar, U-bar or with a weldable bush, while the base design can be straight or angulated.

Chapter Overview

TS – H – 60 – UB 357869	3 – 2
TS – H – 80 – UB 357870	3 – 3
TS – H – 155 – U 357871	3 – 4
TS – H – 155 – UB 357872	3 – 5
TS – H – 255 – U 357873	3 – 6
TS – H – 255 – UB 357874	3 – 7
TS – H – 480 – U 357875	3 – 8
TS – H – 680 – U 357876	3 – 9



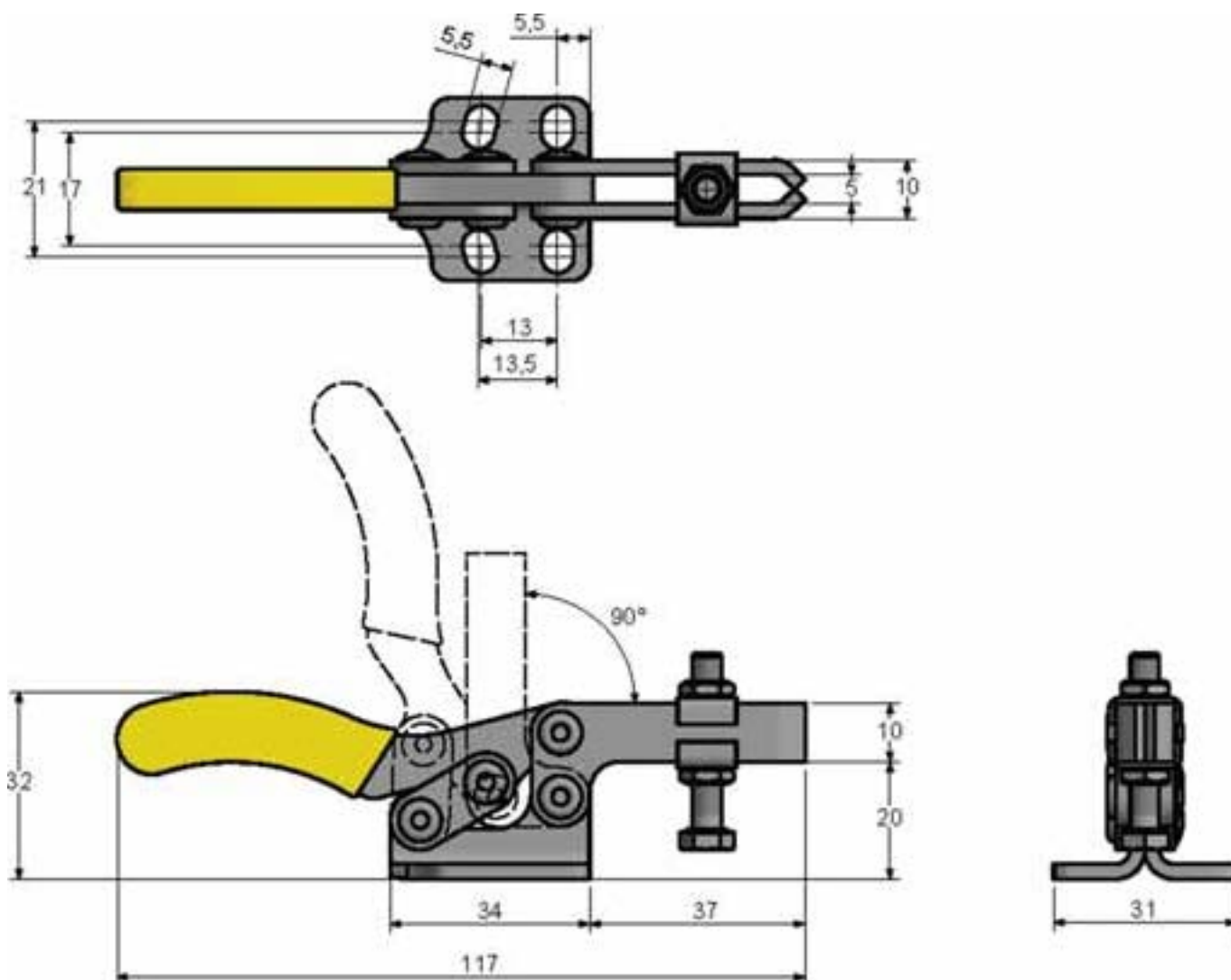
Material	Heavy gauge steel Stainless Rivets
Finish	Zinc Plated
Supplied with	4x25 mm spindles
Max holding force	60 daN close to body
Weight	0.05 Kgs
Stroke	-
Clamping Pressure	20 daN



Material	Heavy gauge steel Stainless Rivets
Finish	Zinc Plated
Supplied with	5x30 mm spindles
Max holding force	80 daN close to body
Weight	0.1 Kgs
Stroke	–
Clamping Pressure	40 daN/70 daN



HORIZONTAL ACTION





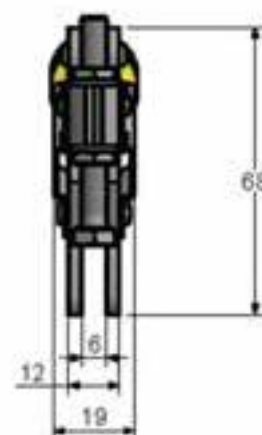
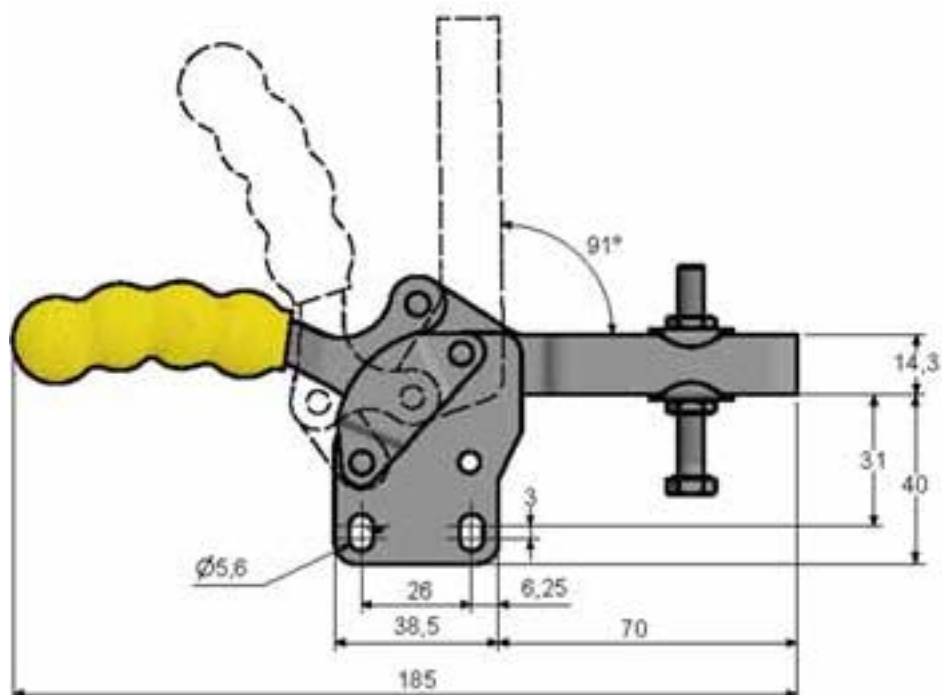
TS - H - 155 - U 357871

TÜNKERS
Ingenuity in series.

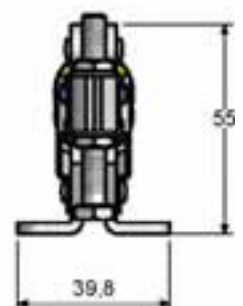
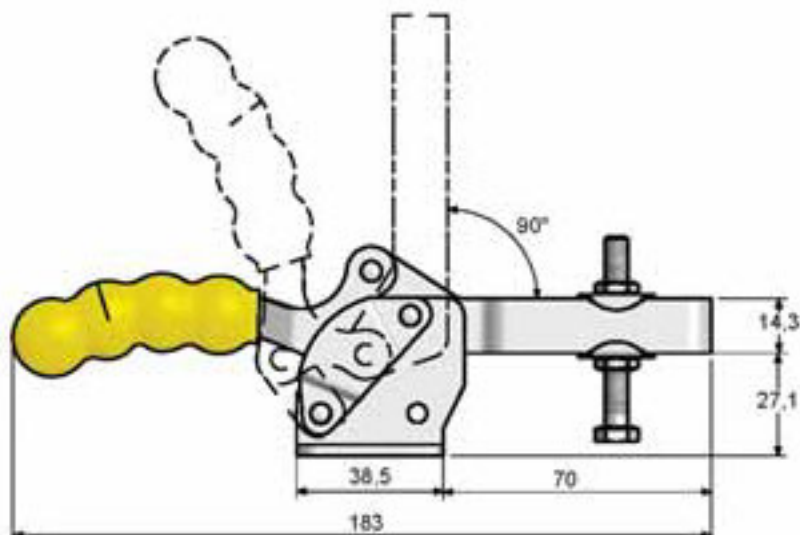
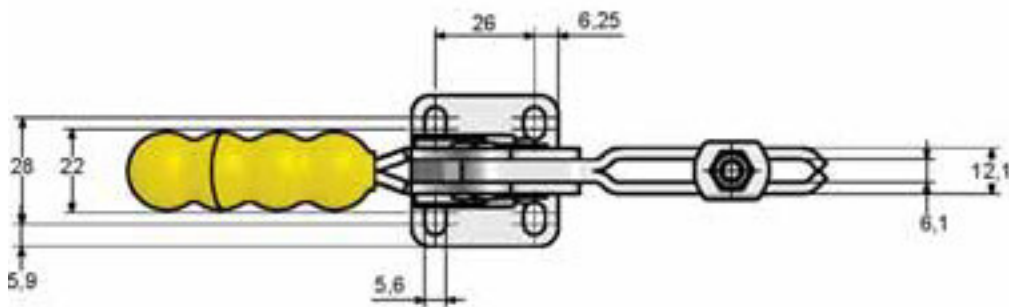
Material	Heavy gauge steel Hardened bushes
Finish	Zinc Plated
Supplied with	6x50 mm spindles
Max holding force	155 daN close to body
Weight	0.2 Kgs
Stroke	–
Clamping Pressure	80 daN/140 daN

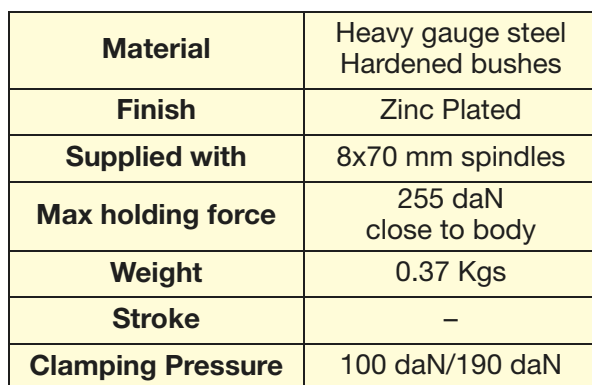


HORIZONTAL ACTION

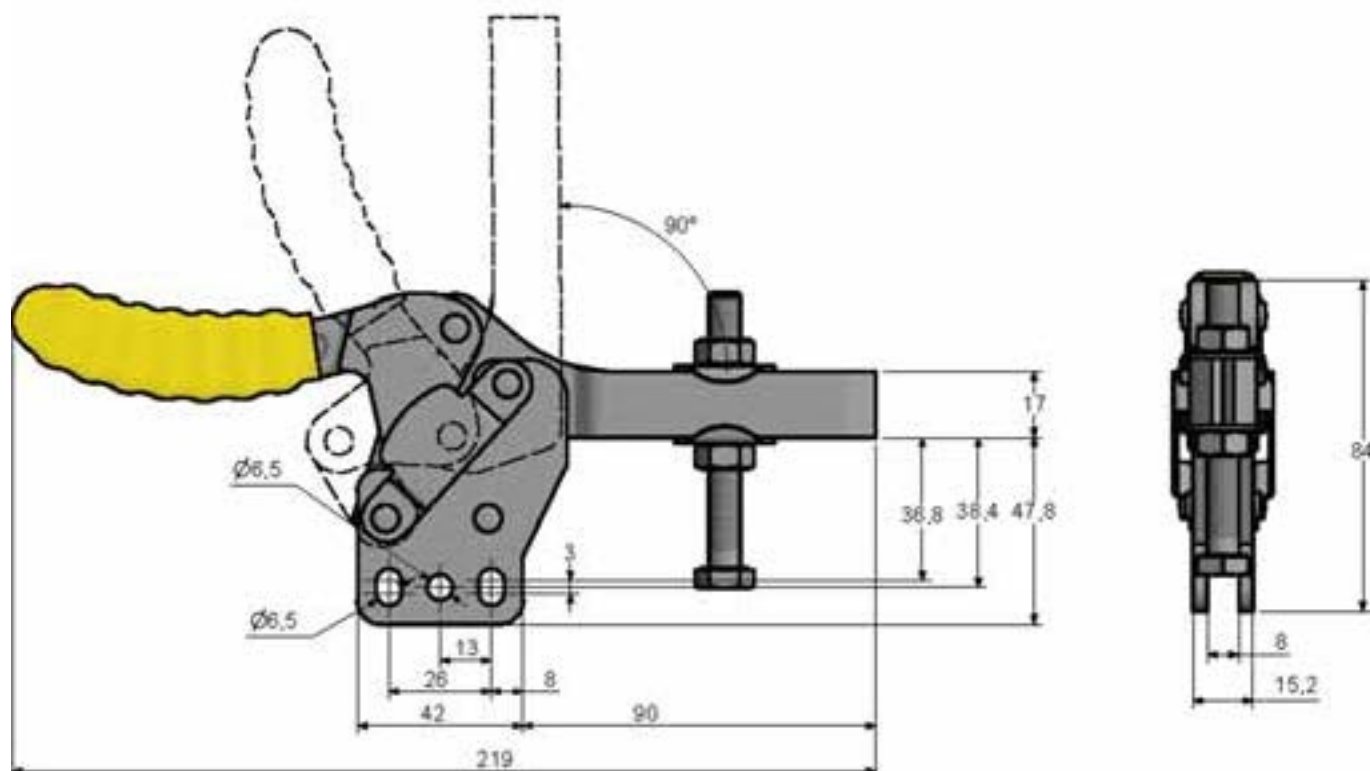


Material	Heavy gauge steel Hardened bushes
Finish	Zinc Plated
Supplied with	6x50 mm spindles
Max holding force	155 daN close to body
Weight	0.2 Kgs
Stroke	–
Clamping Pressure	80 daN/140 daN

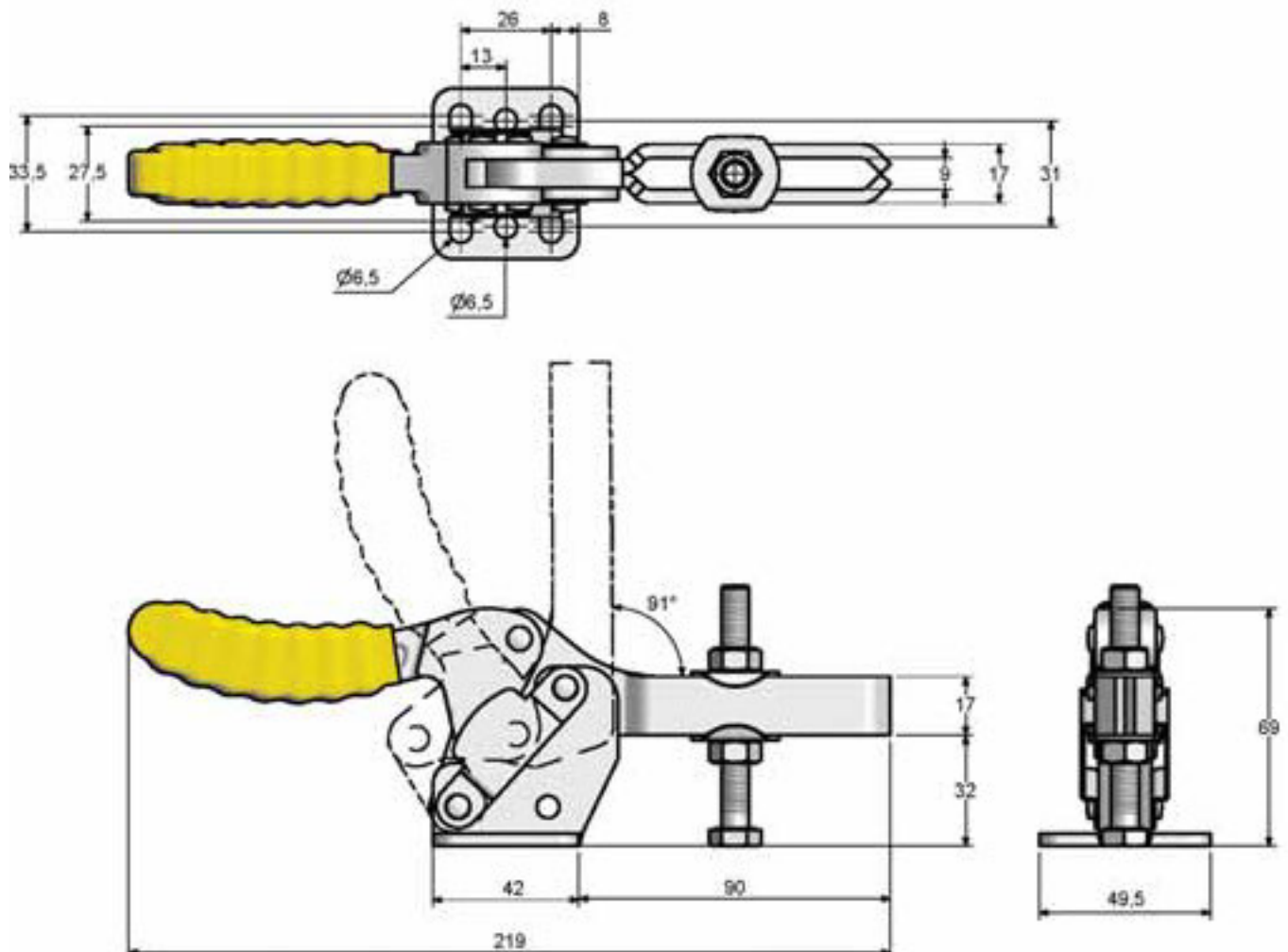




Technical drawing of a cable end with dimensions 10 and 12.



Material	Heavy gauge steel Hardened bushes
Finish	Zinc Plated
Supplied with	8x70 mm spindles
Max holding force	255 daN close to body
Weight	0.37 Kgs
Stroke	–
Clamping Pressure	100 daN/190 daN





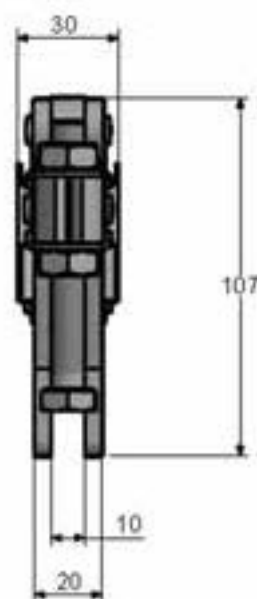
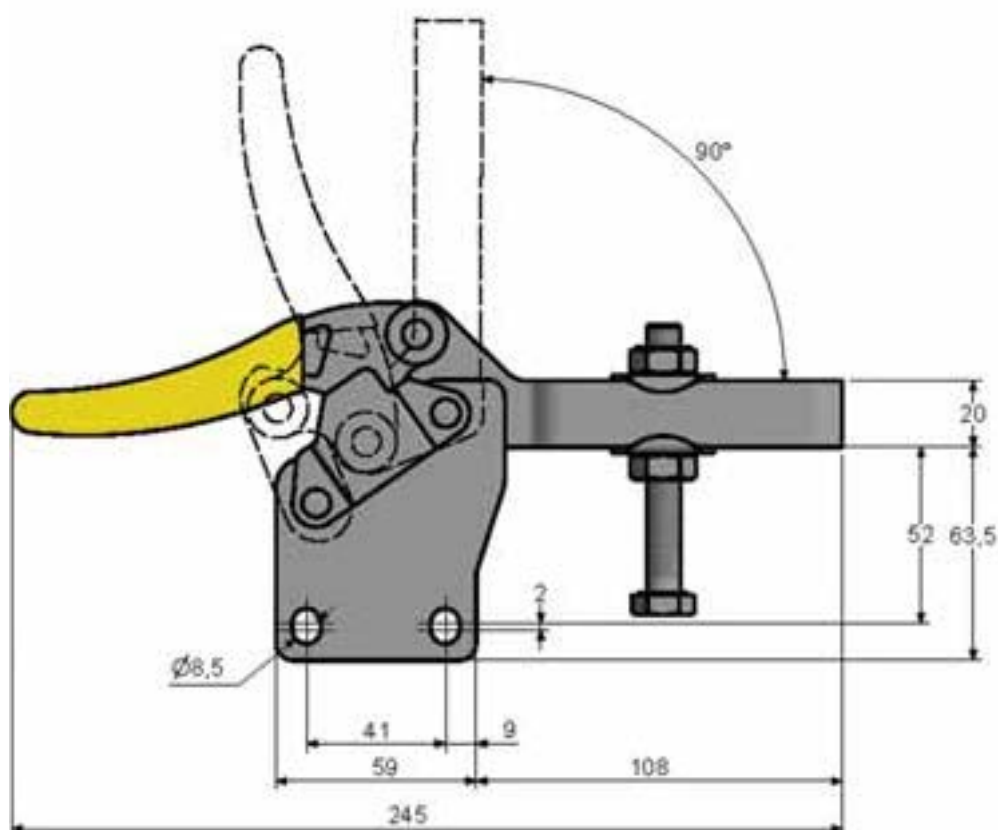
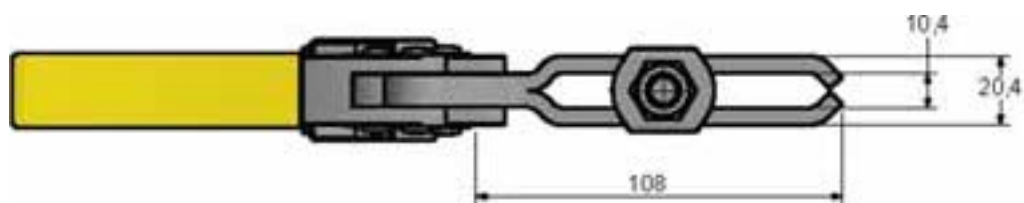
TS - H - 480 - U 357875



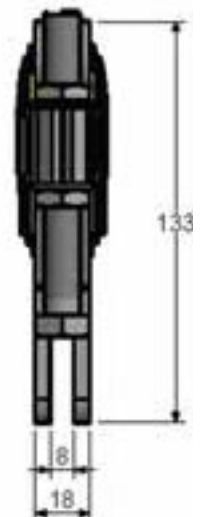
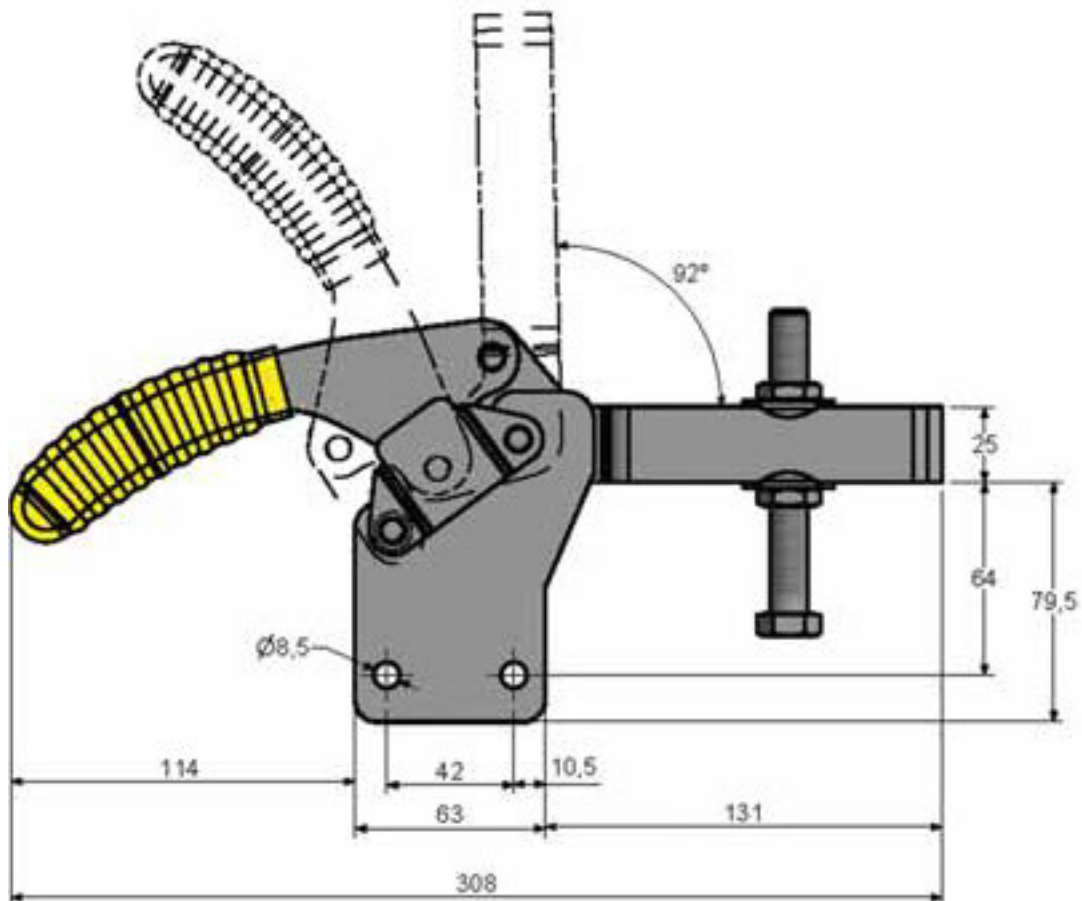
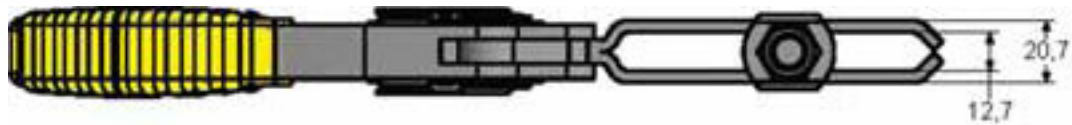
Material	Heavy gauge steel Hardened bushes
Finish	Zinc Plated
Supplied with	M10x80 mm spindles
Max holding force	480 daN close to body
Weight	0.9 Kgs
Stroke	-
Clamping Pressure	315 daN/180 daN



HORIZONTAL ACTION



Material	Heavy gauge steel Hardened pins and bushes
Finish	Zinc Plated
Supplied with	M12x100 mm spindles
Max holding force	680 daN close to body
Weight	1.4 Kgs
Stroke	–
Clamping Pressure	370 daN/230 daN



Product Description

The TÜNKERS TS-P straight line action clamps use a straight-line or push/pull clamping action with plungers moving in and out along its axis.

These clamps are manufactured in a variety of models enabling the designer to find the most suitable model for different applications with holding forces from 45 to 5.000daN.

Toggling in forward and reverse positions most of these clamps can be used either as push or pull clamp.

Chapter Overview

TS – P – 45 357877	4 – 2
TS – P – 100 – 357878	4 – 3
TS – P – 200 – 357879	4 – 4
TS – P – 210 – NM 357880	4 – 5
TS – P – 350 – NM 357881	4 – 6
TS – P – 400 – 357882	4 – 7
TS – P – 410 – NM 357883	4 – 8
TS – P – 590 357884	4 – 9
TS – P – 600 357885	4 – 10
TS – P – 750 357886	4 – 11
TS – P – 1200 357887	4 – 12
TS – P – 1200 – 90L 357888	4 – 13
TS – P – 2500 357889	4 – 14
TS – P – 2500 – 90L 357890	4 – 15
TS – P – 5000 357891	4 – 16
TS – P – 5000 – 90L 357892	4 – 17

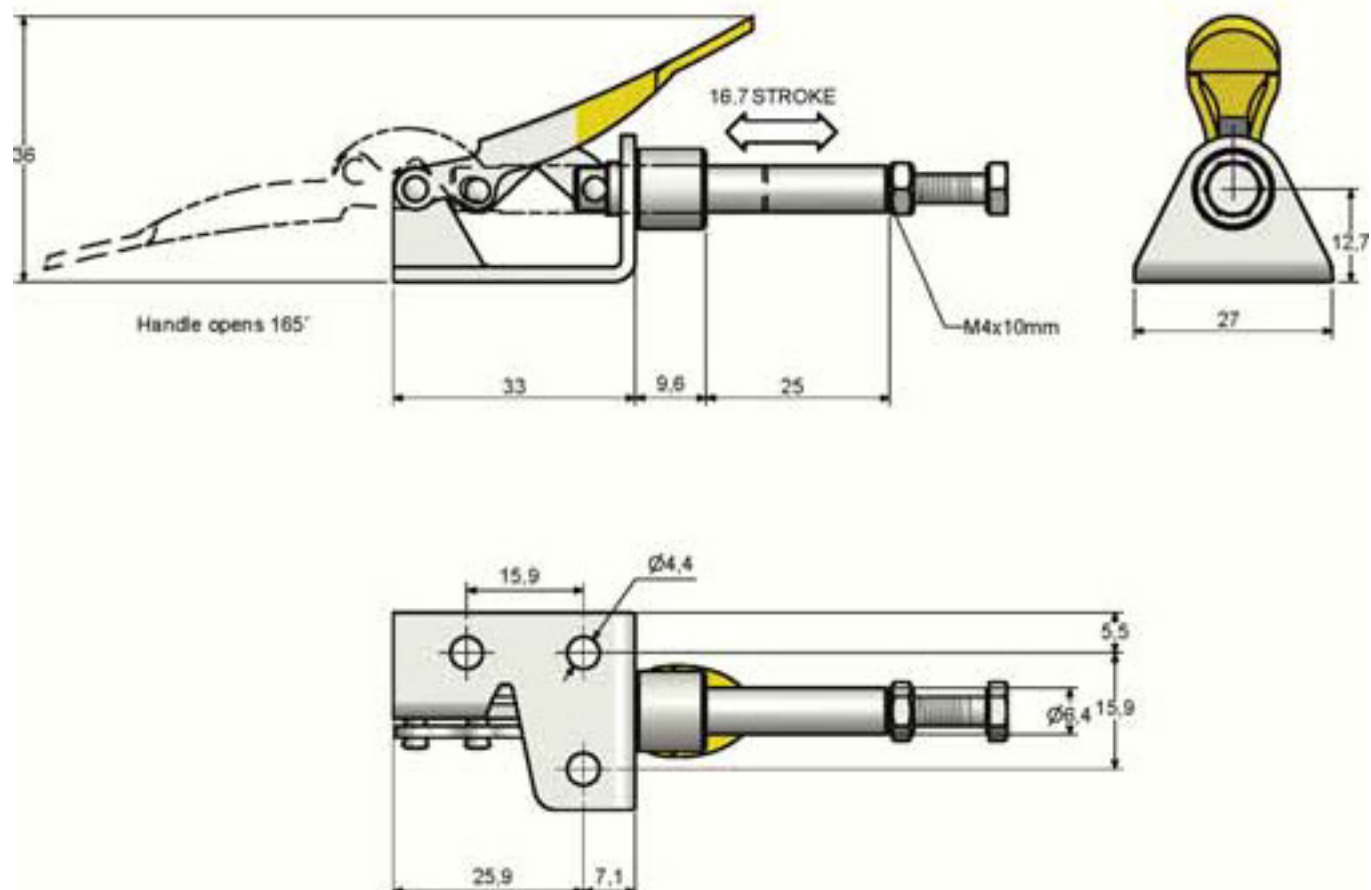


TS - P - 45 357877

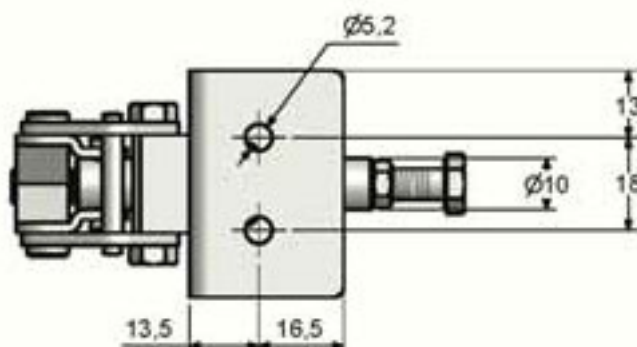
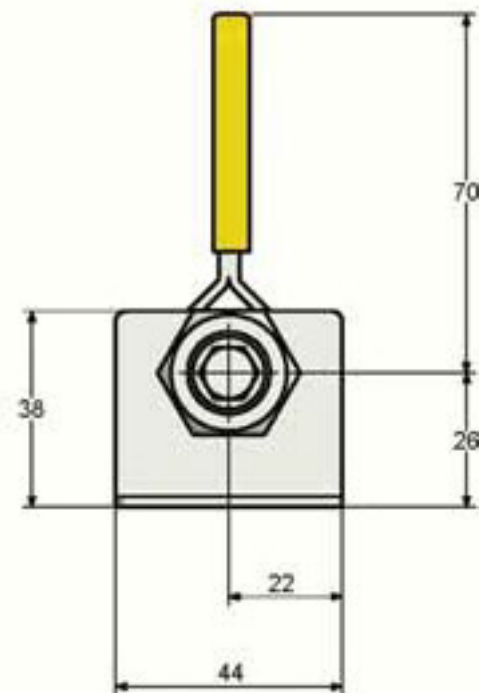
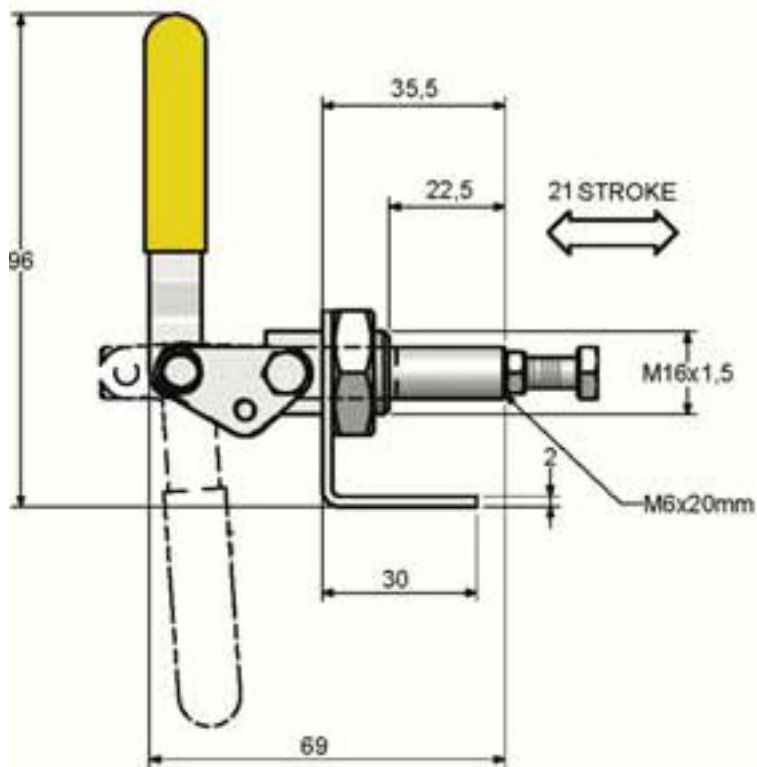
Material	Heavy gauge steel
Finish	Zinc Plated
Supplied with	M4x20 mm
Max holding force	45 daN
Weight	0.05 Kgs
Stroke	16.7 mm
Clamping Pressure	40 daN



PLUNGER ACTION

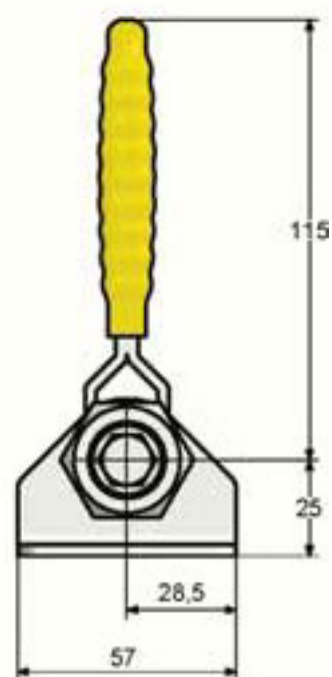
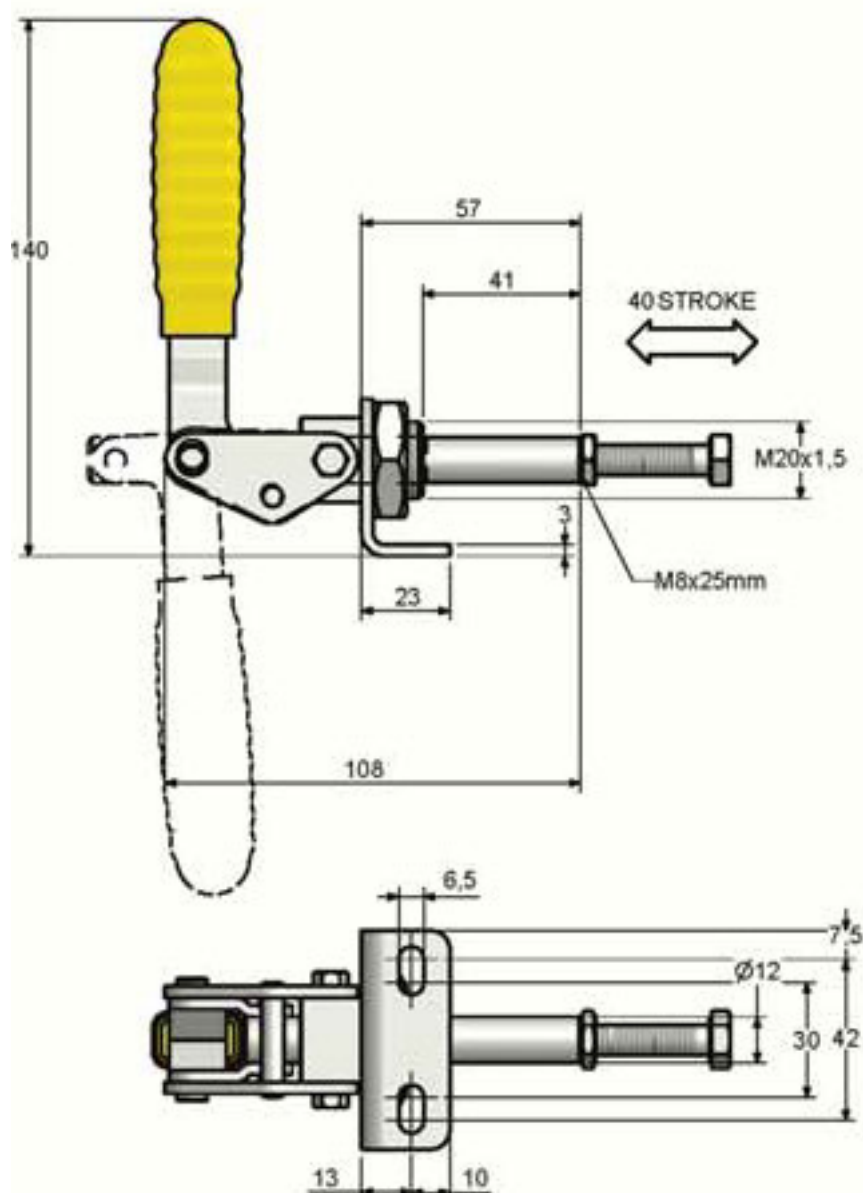


Material	Heavy gauge steel
Finish	Zinc Plated Chemi-Blackened plunger
Supplied with	M6x50 mm spindles Mounting Bracket
Max holding force	100 daN
Weight	0.15 Kgs
Stroke	21 mm
Clamping Pressure	50 daN

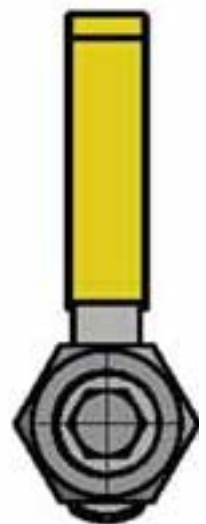
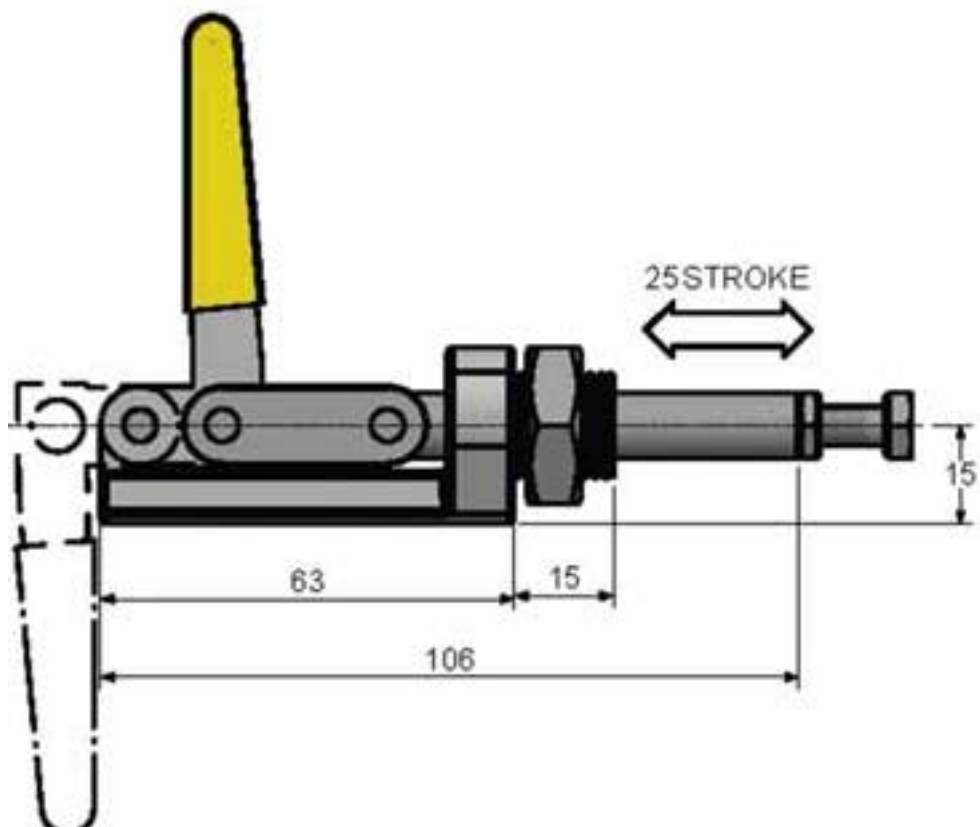
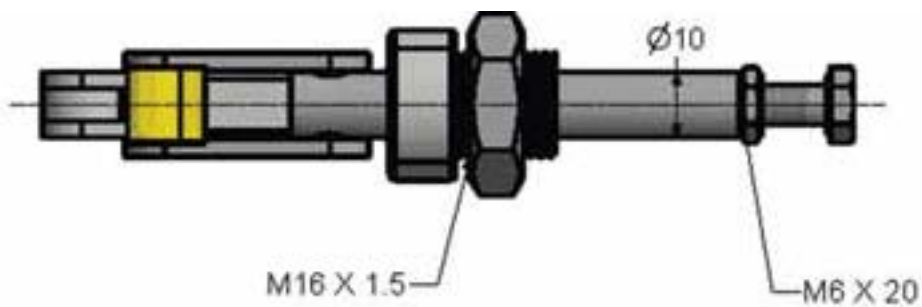




Material	Heavy gauge steel
Finish	Zinc Plated Chemi-Blackened plunger
Supplied with	M8x60 mm spindles Mounting Bracket
Max holding force	200 daN
Weight	0.35 Kgs
Stroke	40 mm
Clamping Pressure	120 daN

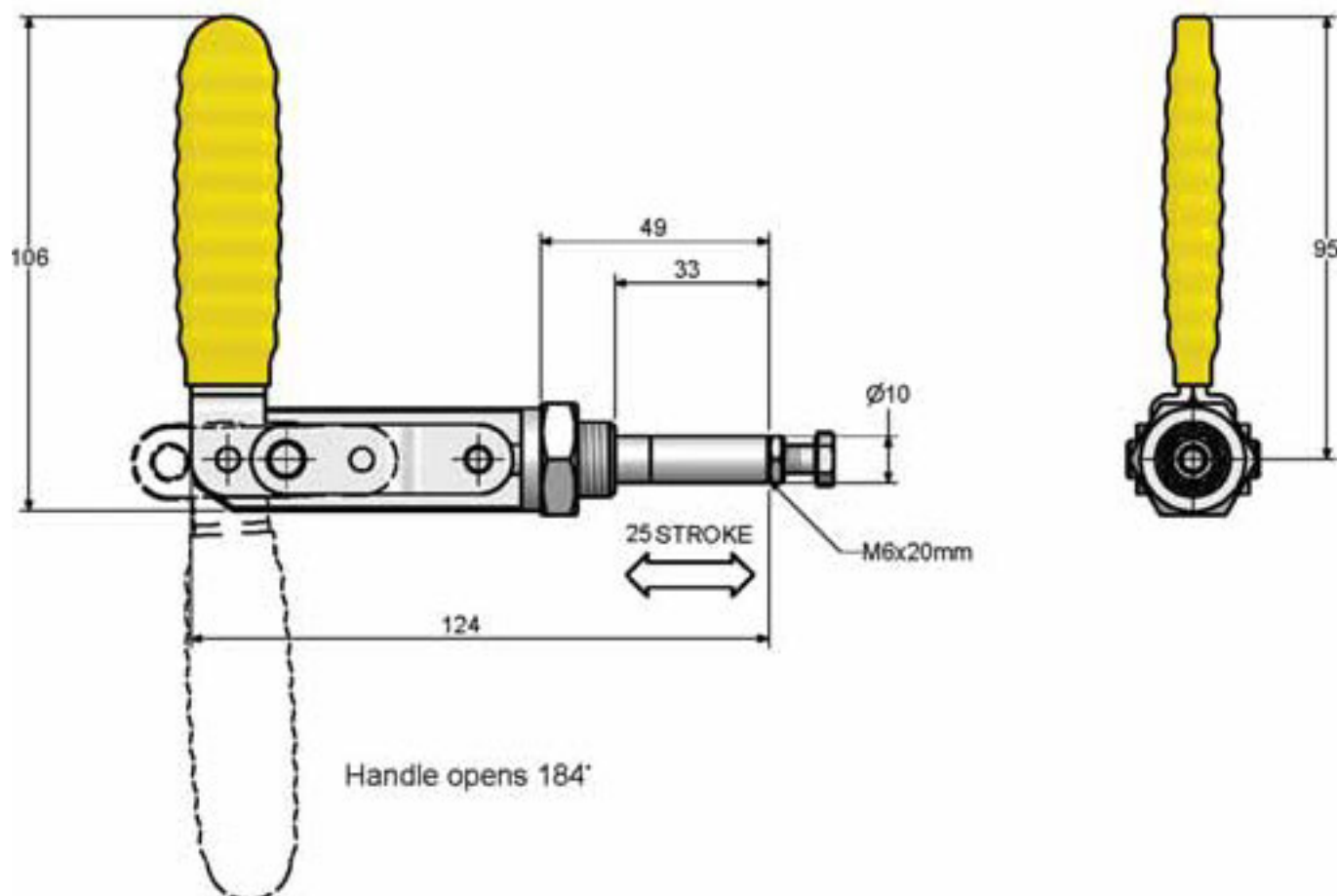


Material	Heavy gauge steel
Finish	Chemi-Blackened
Supplied with	6x40 mm spindles
Max holding force	210 daN
Weight	0.27 Kgs
Stroke	25 mm
Clamping Pressure	110 daN

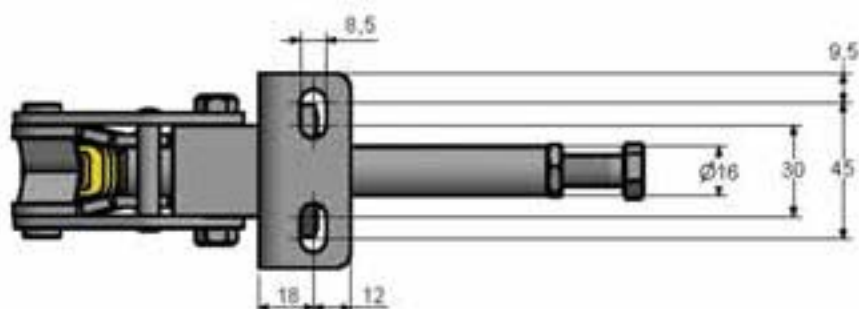
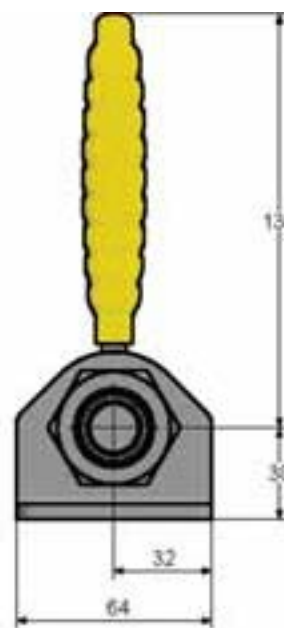
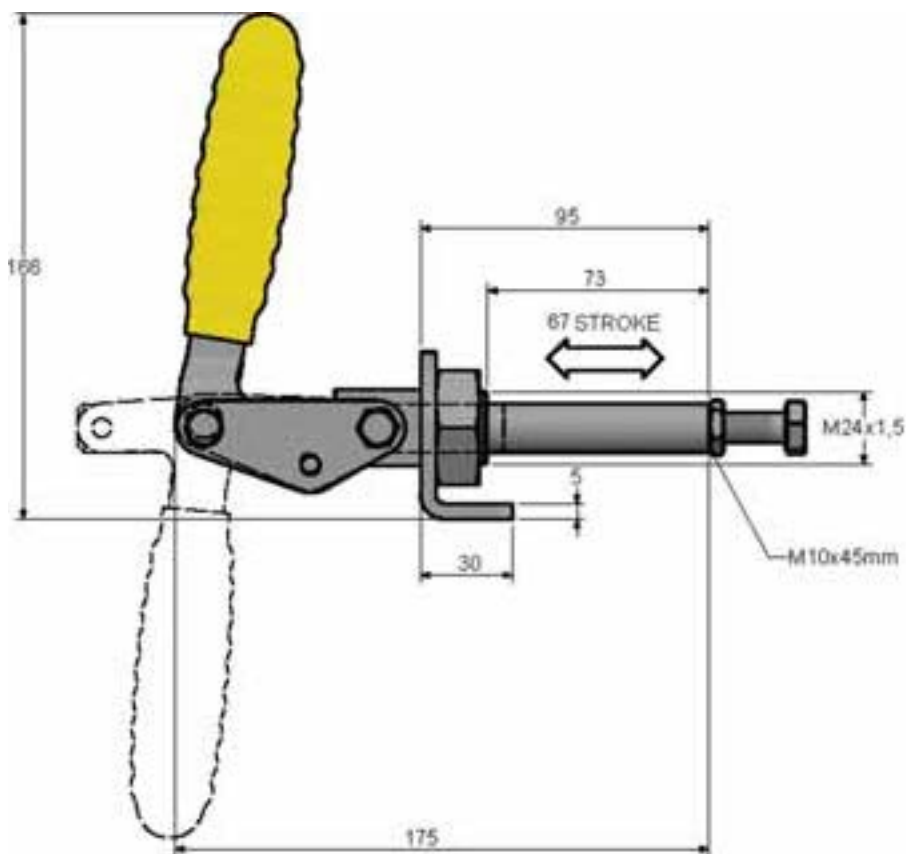




Material	Heavy gauge steel
Finish	Zinc Plated Chemi-Blackened plunger
Supplied with	M6x250 mm spindles
Max holding force	350 daN
Weight	0.25 Kgs
Stroke	25 mm
Clamping Pressure	150 daN



Material	Heavy gauge steel
Finish	Zinc Plated Chemi-Blackened plunger
Supplied with	M10x50 mm spindles Mounting Bracket
Max holding force	400 daN
Weight	0.8 Kgs
Stroke	67 mm
Clamping Pressure	250 daN

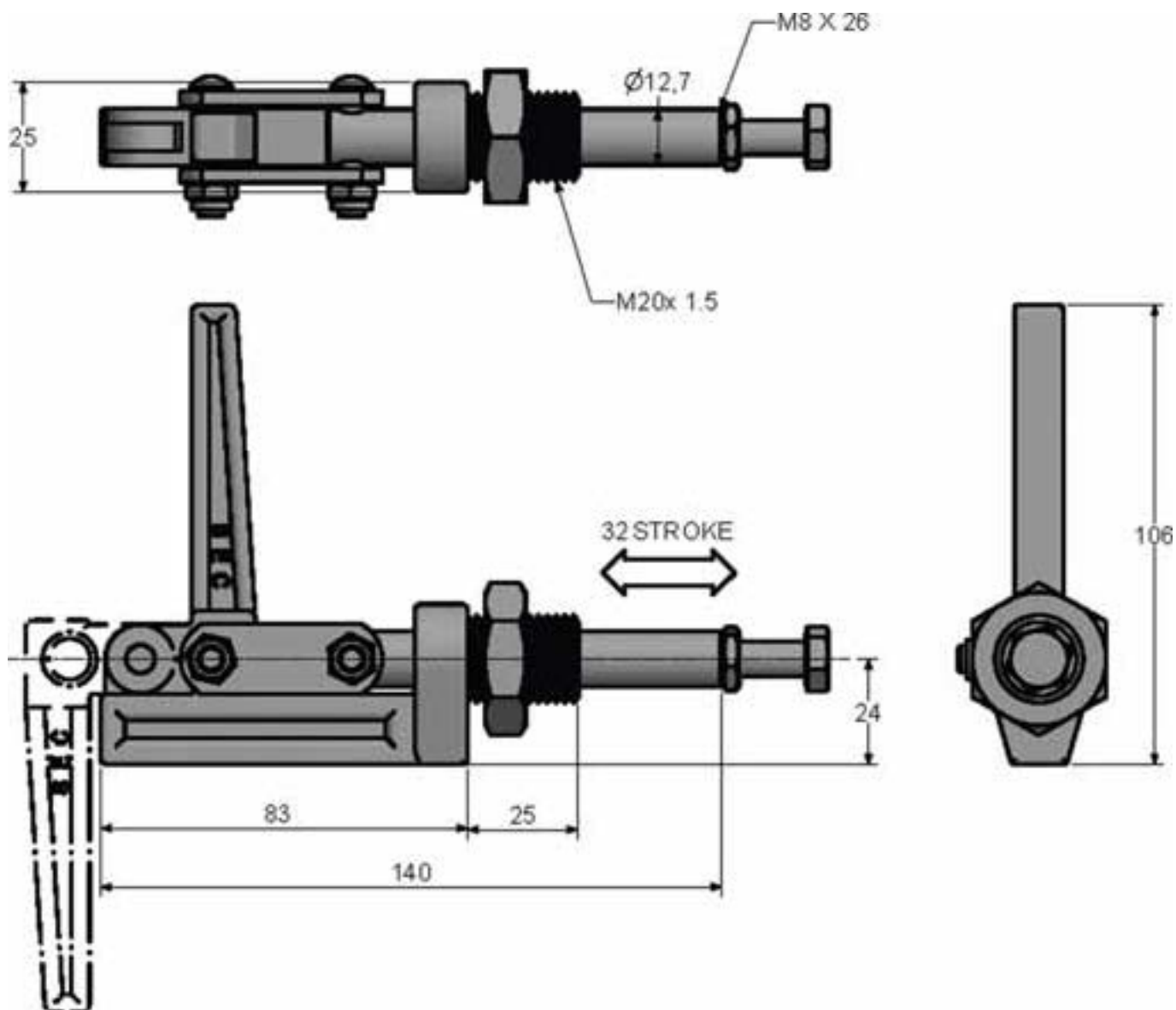




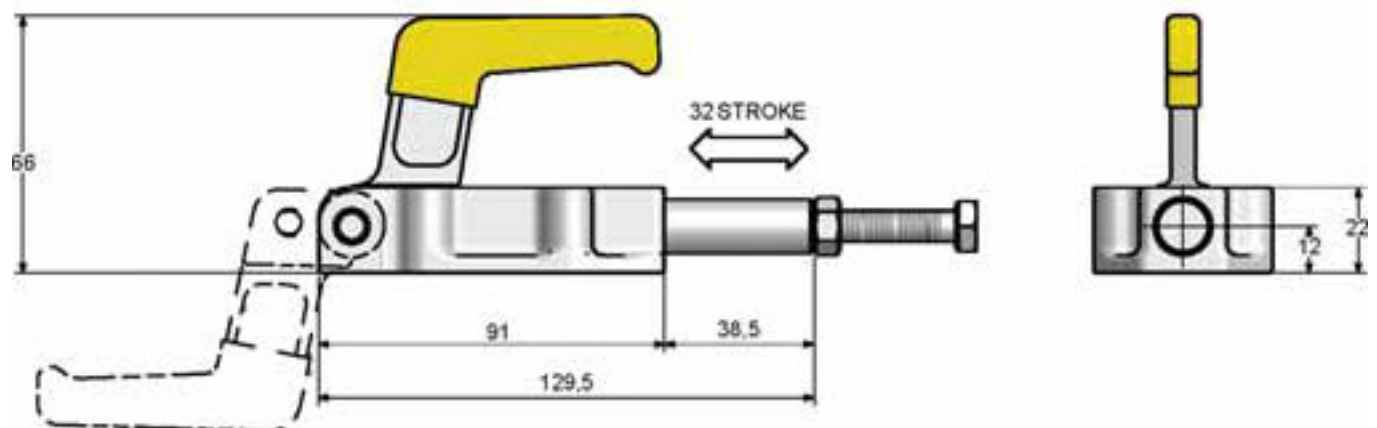
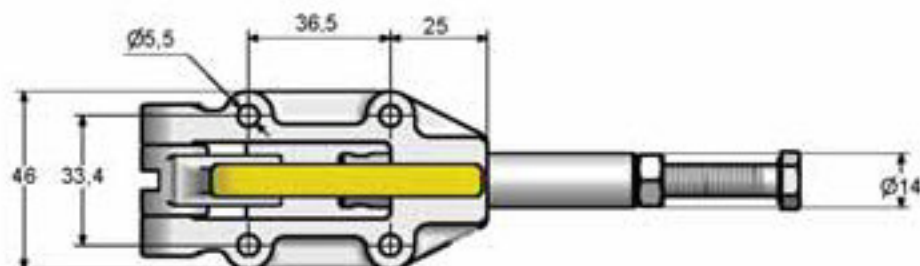
Material	Heavy gauge steel Hardened pins
Finish	Zinc-Plated Body – Copper
Supplied with	8x40 mm spindles
Max holding force	410 daN
Weight	0.43 Kgs
Stroke	32 mm
Clamping Pressure	170 daN



PLUNGER ACTION



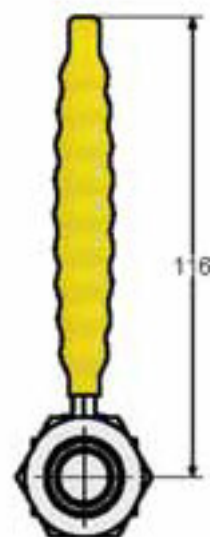
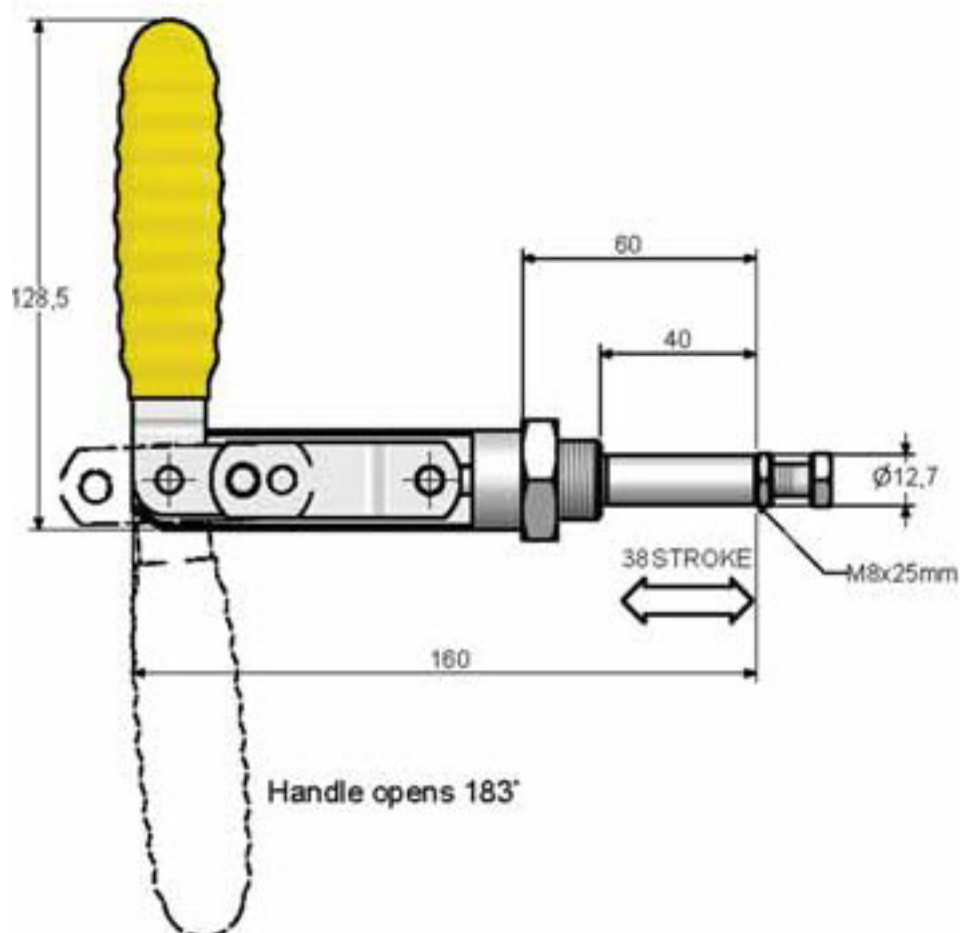
Material	Heavy gauge steel
Finish	Chemi-Blacked
Supplied with	8x65 mm spindles
Max holding force	590 daN
Weight	0.48 Kgs
Stroke	32 mm
Clamping Pressure	325 daN



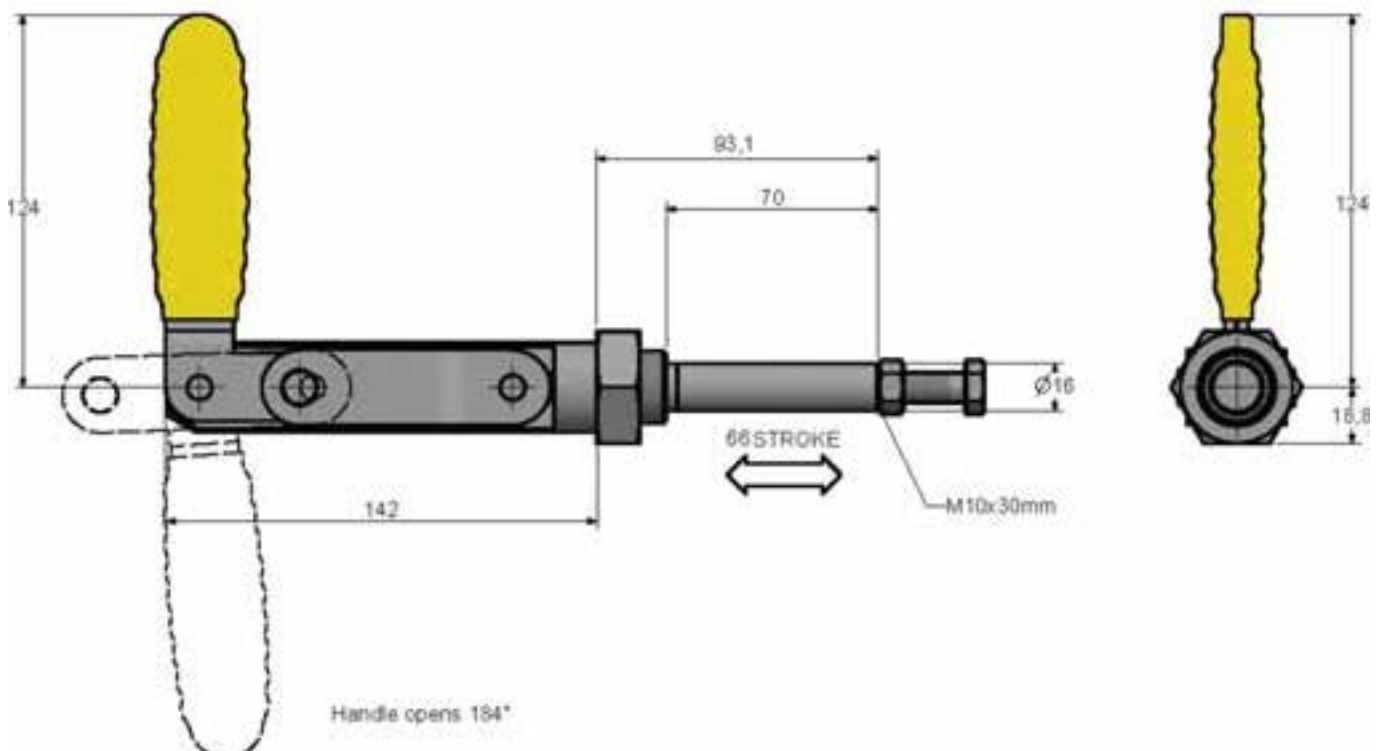
Handle opens 180°



Material	Heavy gauge steel
Finish	Zinc Plated Chemi-Blackened plunger
Supplied with	M8x40 mm spindles
Max holding force	600 daN
Weight	0.45 Kgs
Stroke	38 mm
Clamping Pressure	170 daN



Material	Heavy gauge steel Hardened bushes
Finish	Zinc Plated Chemi-Blackened plunger
Supplied with	M10x50 mm spindles
Max holding force	750 daN
Weight	0.9 Kgs
Stroke	66 mm
Clamping Pressure	190 daN

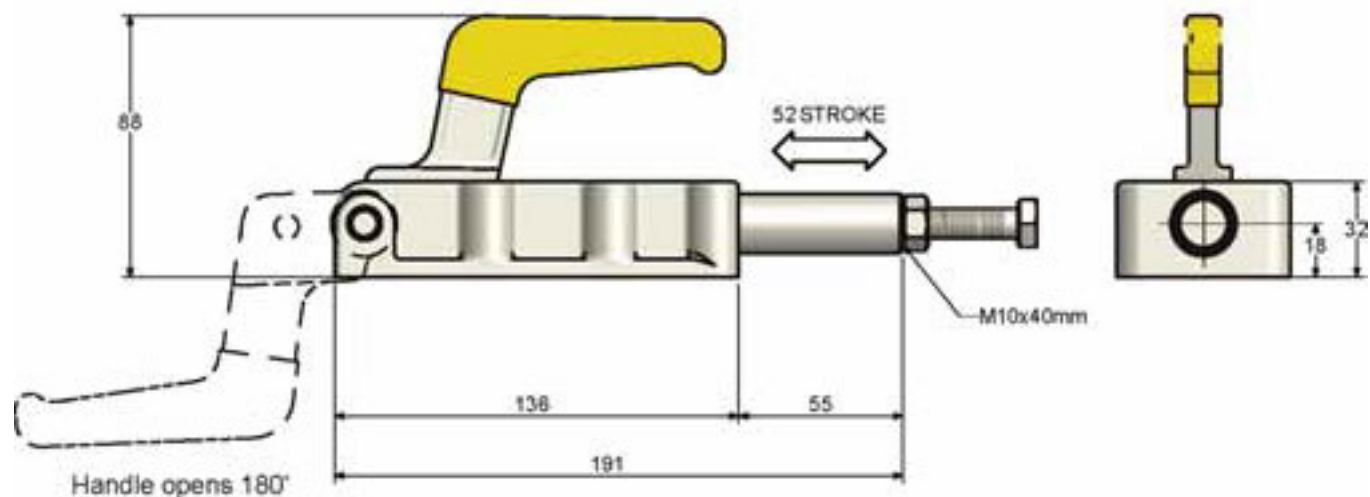
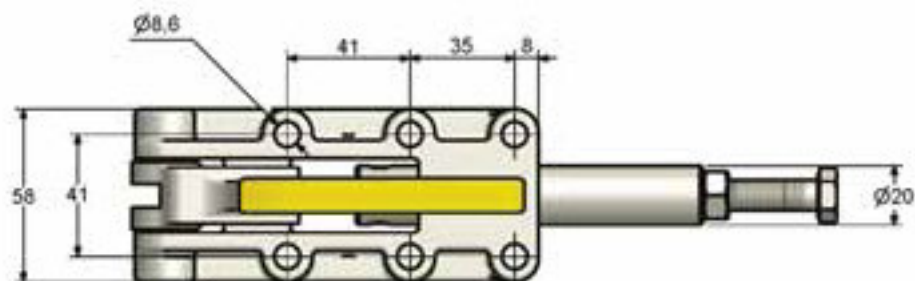




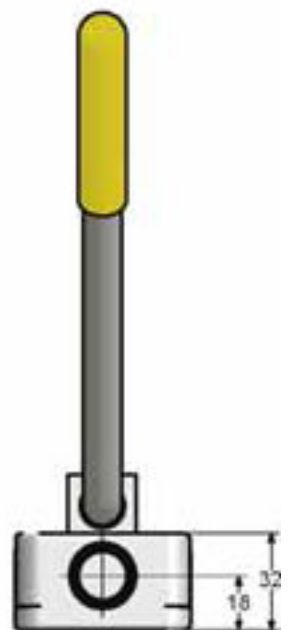
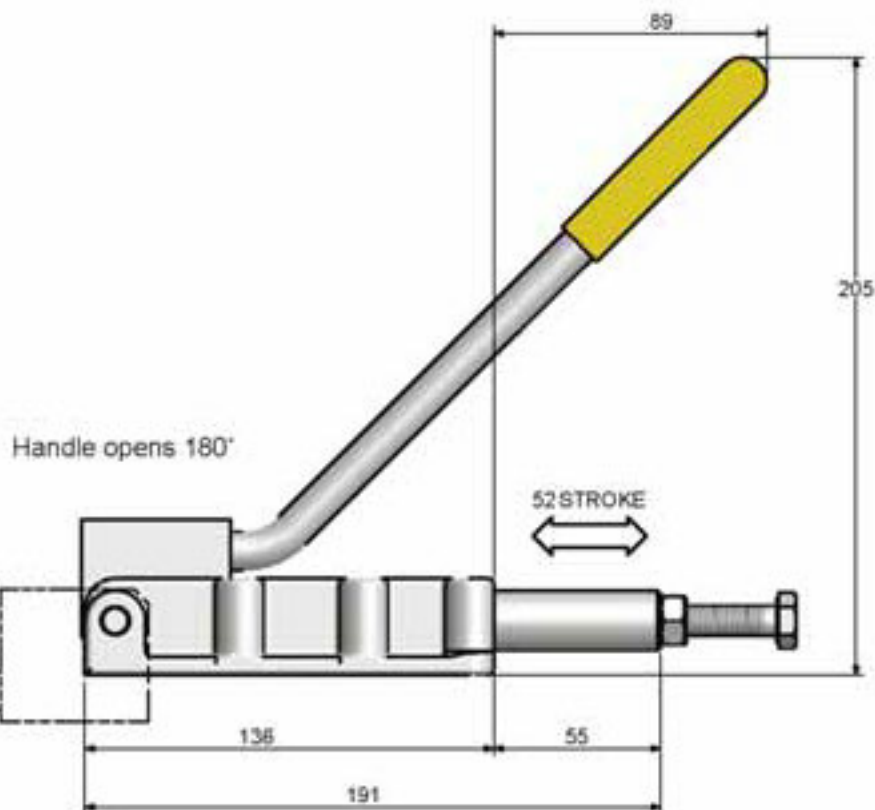
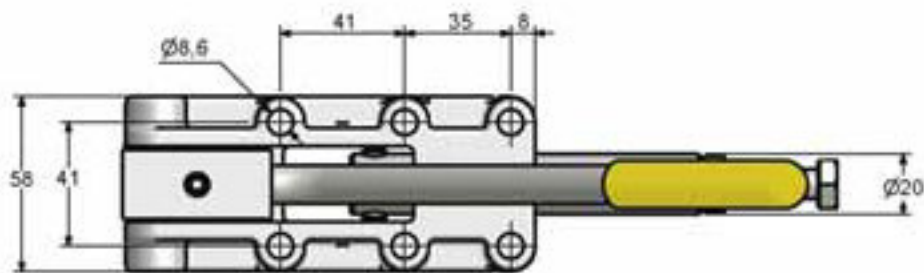
TS – P – 1200 357887



Material	Heavy gauge steel Hardened bushes
Finish	Chemi-Blackened
Supplied with	10x75 mm spindles
Max holding force	1200 daN
Weight	1.5 Kgs
Stroke	52 mm
Clamping Pressure	520 daN



Material	Heavy gauge steel
Finish	Chemi-Blackened
Supplied with	10x75 mm spindles
Max holding force	1200 daN
Weight	1.6 Kgs
Stroke	52 mm
Clamping Pressure	520 daN





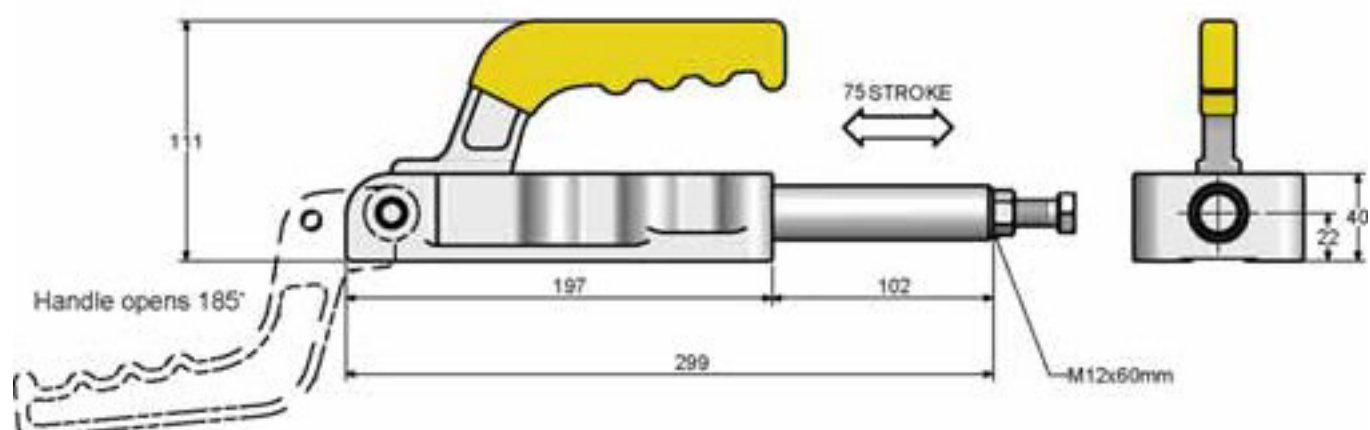
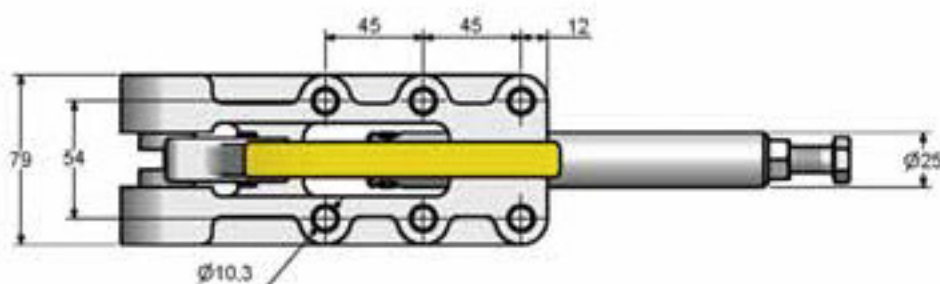
TS – P – 2500 357889



Material	Heavy gauge steel
Finish	Chemi-Blackened
Supplied with	12x50 mm spindles
Max holding force	2500 daN
Weight	3.7 Kgs
Stroke	75 mm
Clamping Pressure	530 daN



PLUNGER ACTION



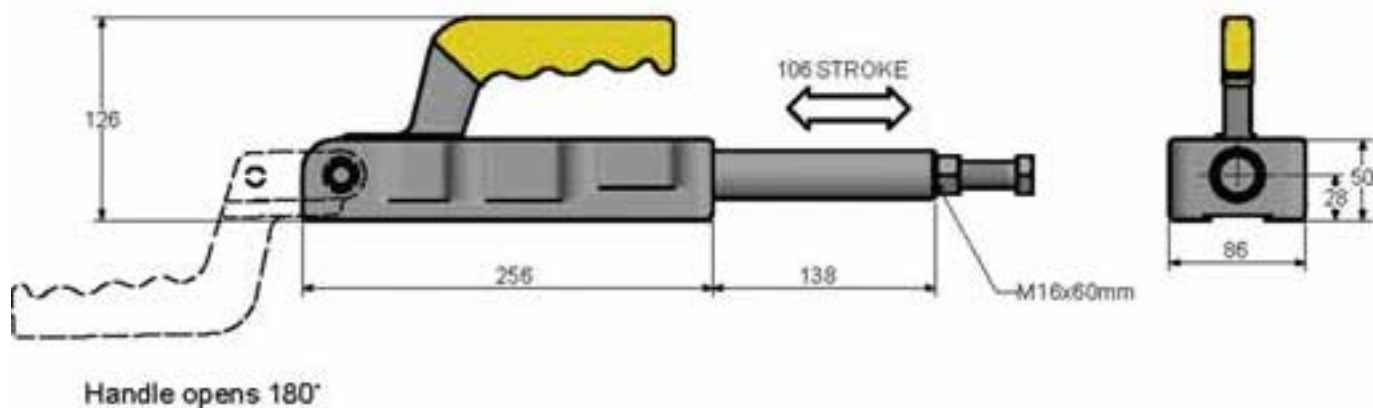
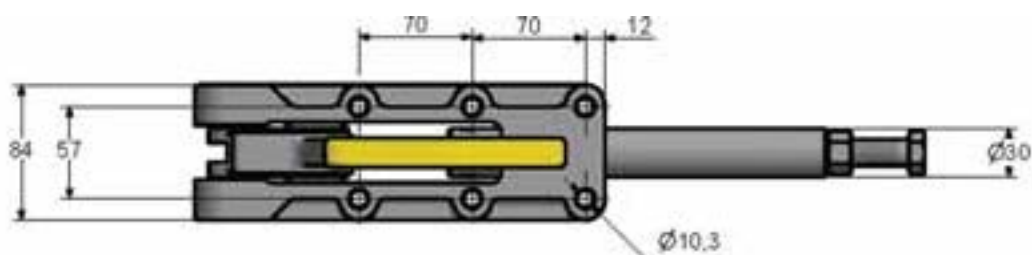




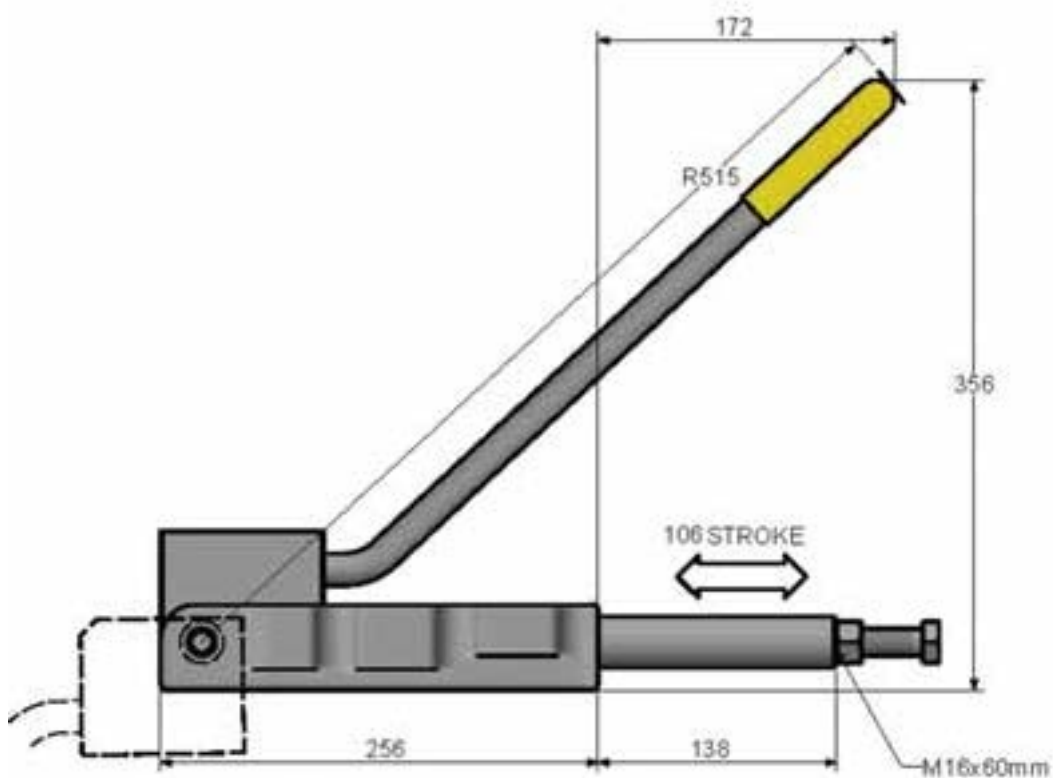
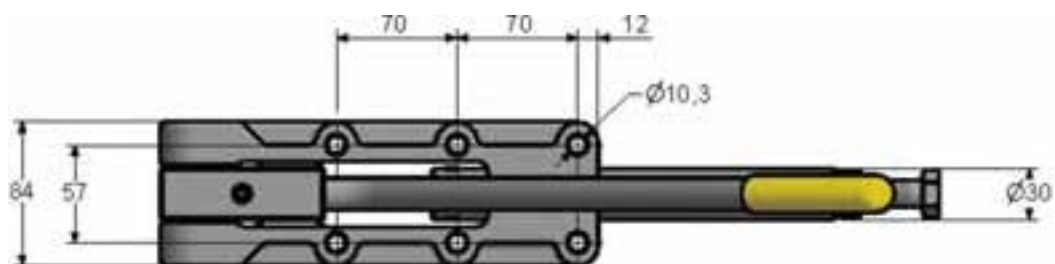
TS – P – 5000 357891



Material	Heavy gauge steel Hardened bushes
Finish	Chemi-Blacked
Supplied with	M16x100 mm spindles
Max holding force	5000 daN
Weight	6.2 Kgs
Stroke	106 mm
Clamping Pressure	650 daN



Material	Heavy gauge steel Hardened bushes
Finish	Chemi-Blackened
Supplied with	M16x100 mm spindles
Max holding force	5000 daN
Weight	7.2 Kgs
Stroke	106 mm
Clamping Pressure	650 daN



Handle opens 180°



PLUNGER ACTION

Product Description

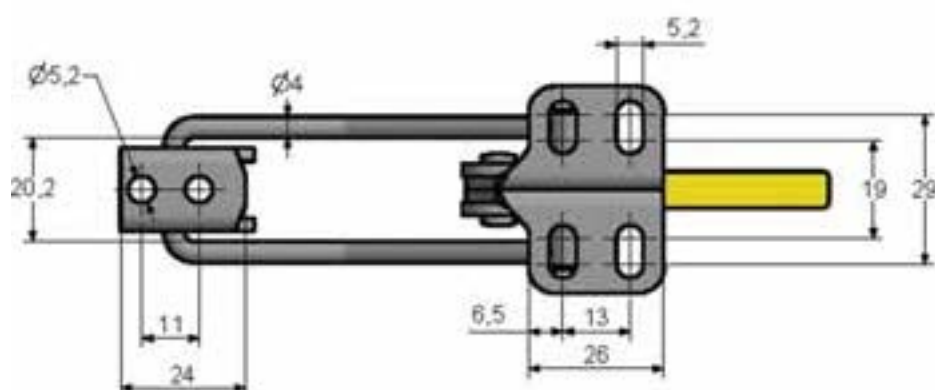
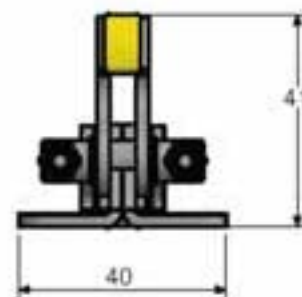
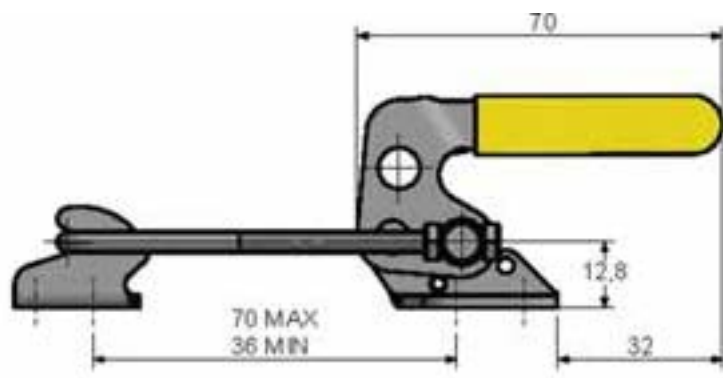
The TÜNKERS HC hook action clamps are designed for applications requiring closure mechanisms such as doors, moulds etc.

Chapter Overview

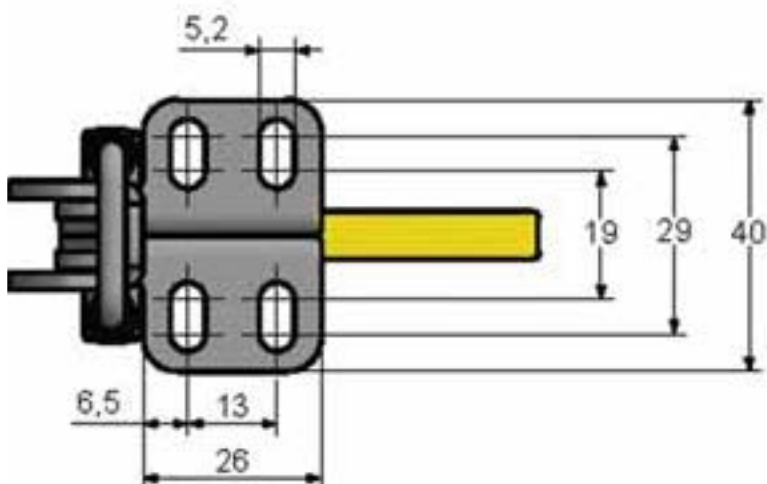
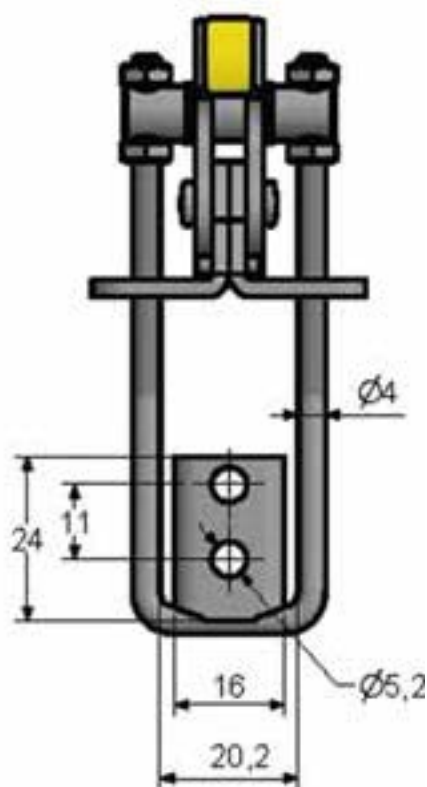
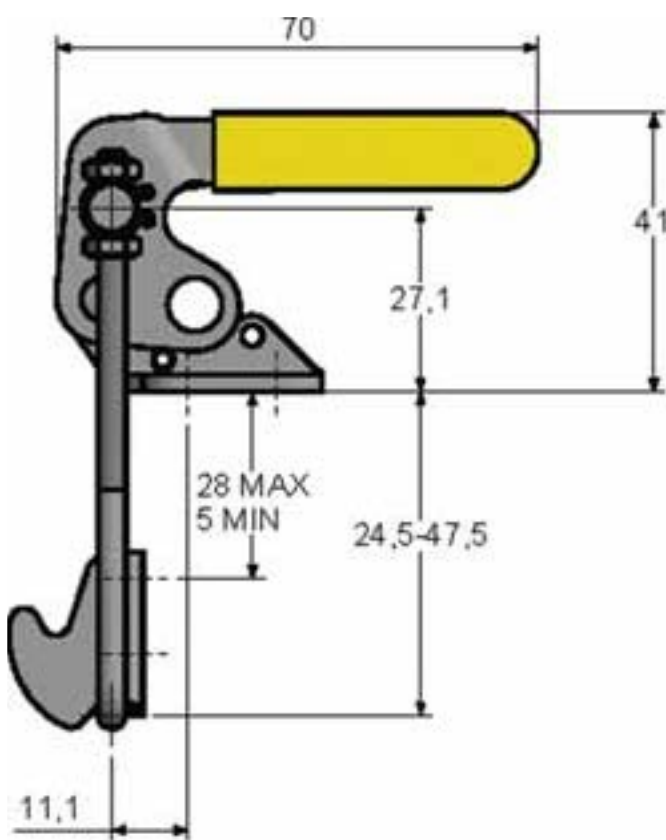
TS – HC – 210 – H 357893.....	5 – 2
TS – HC – 210 – V 357894.....	5 – 3
TS – HC – 410 – H 357895.....	5 – 4
TS – HC – 410 – V 357896.....	5 – 5
TS – HC – 710 – H 357897.....	5 – 6
TS – HC – 710 – V 357898.....	5 – 7
TS – HC – 500 357899.....	5 – 8
TS – HC – 3730 357901.....	5 – 9
TS – HC – 6000 357903.....	5 – 10



Material	Heavy gauge steel Hardened bushes
Finish	Zinc Plated
Supplied with	Hook Latch plate
Max holding force	210 daN
Weight	0.13 Kgs
Stroke	–
Clamping Pressure	180 daN

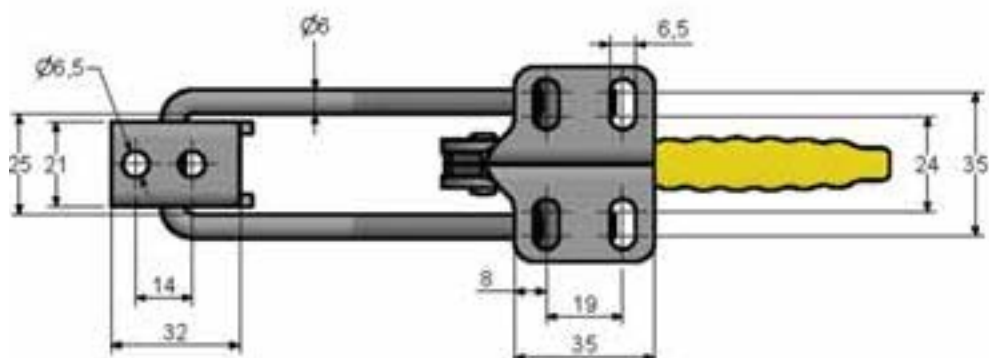
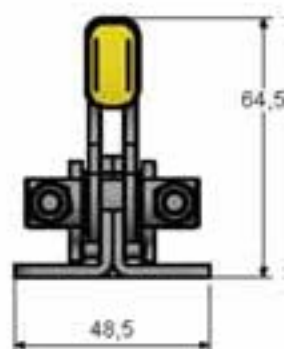
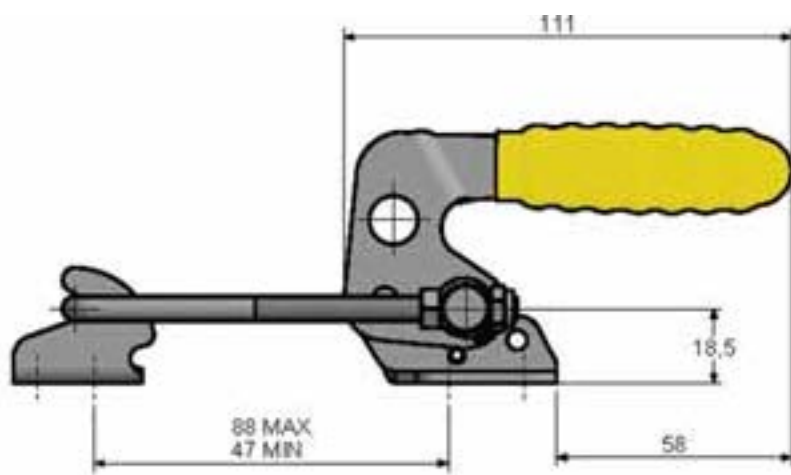


Material	Heavy gauge steel Hardened bushes
Finish	Zinc Plated
Supplied with	Hook Latch plate
Max holding force	210 daN
Weight	0.13 Kgs
Stroke	–
Clamping Pressure	180 daN

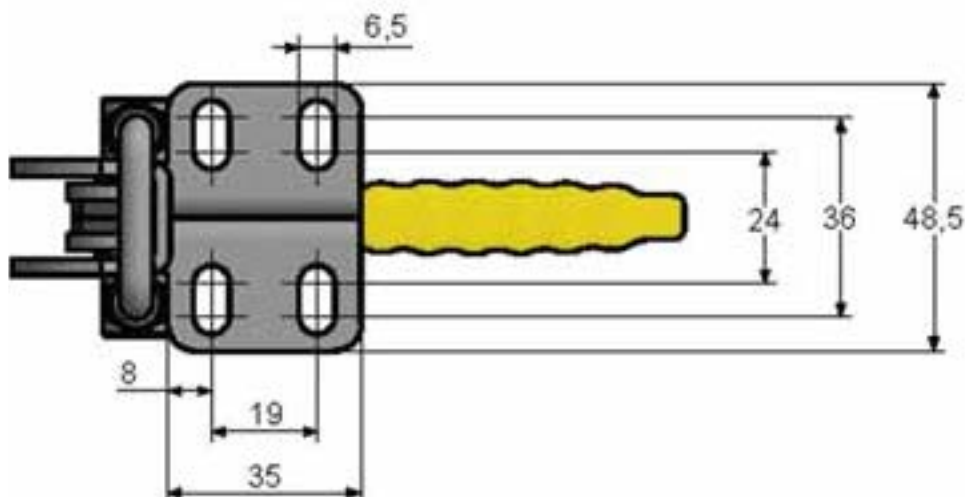
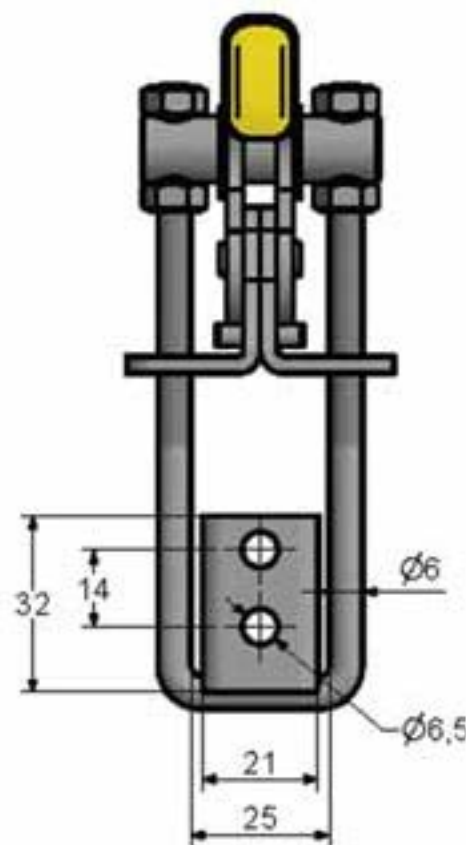
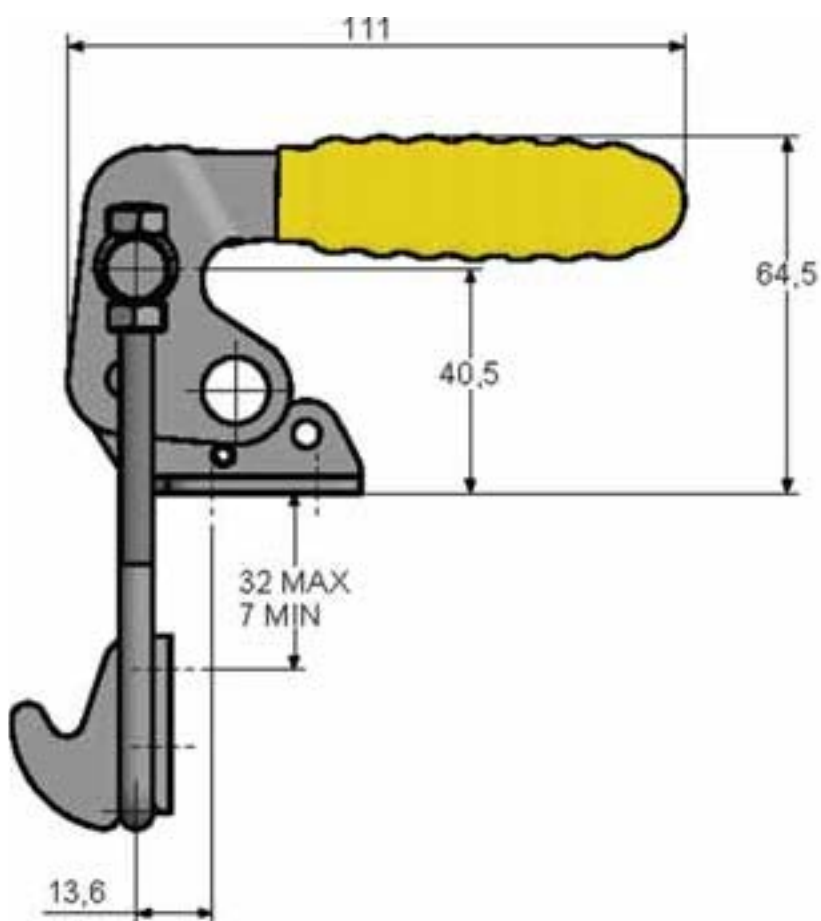




Material	Heavy gauge steel Hardened bushes
Finish	Zinc Plated
Supplied with	Hook Latch plate
Max holding force	410 daN
Weight	0.3 Kgs
Stroke	–
Clamping Pressure	270 daN

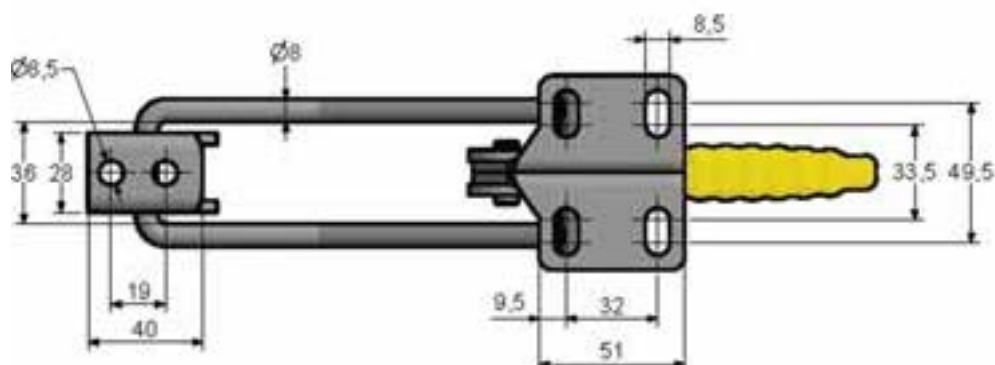
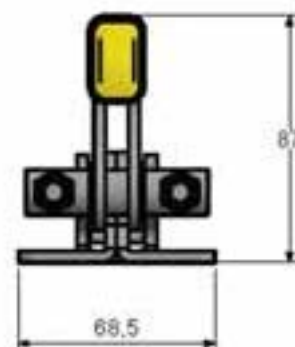
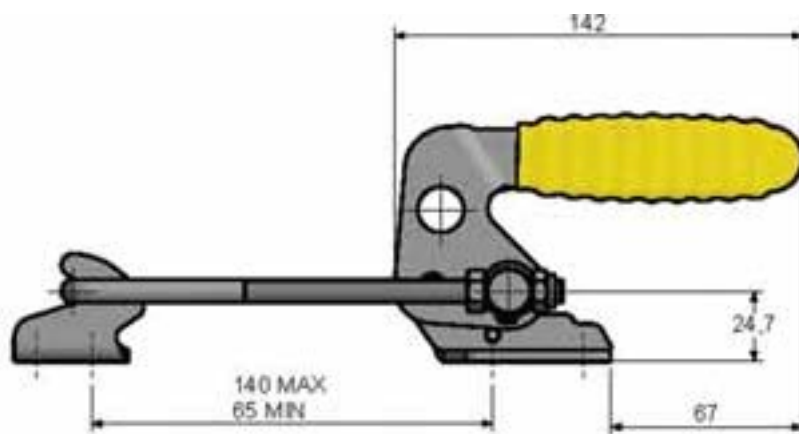


Material	Heavy gauge steel Hardened bushes
Finish	Zinc Plated
Supplied with	Hook Latch plate
Max holding force	410 daN
Weight	0.3 Kgs
Stroke	–
Clamping Pressure	270 daN

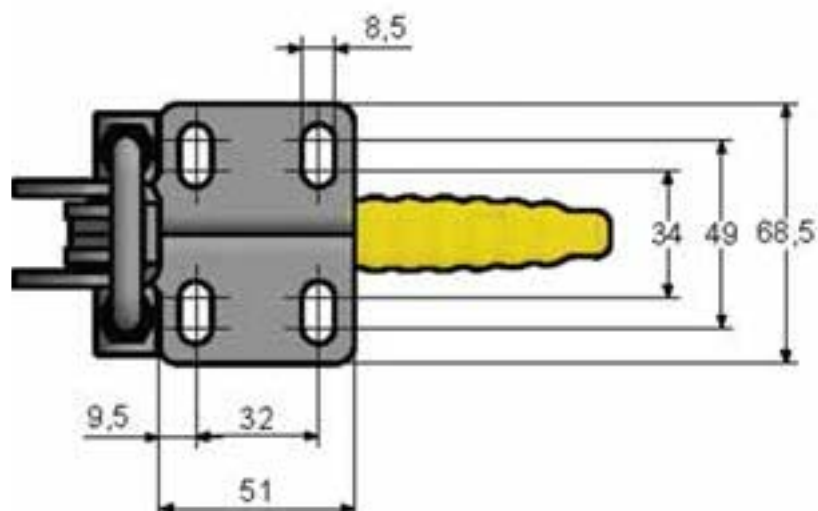
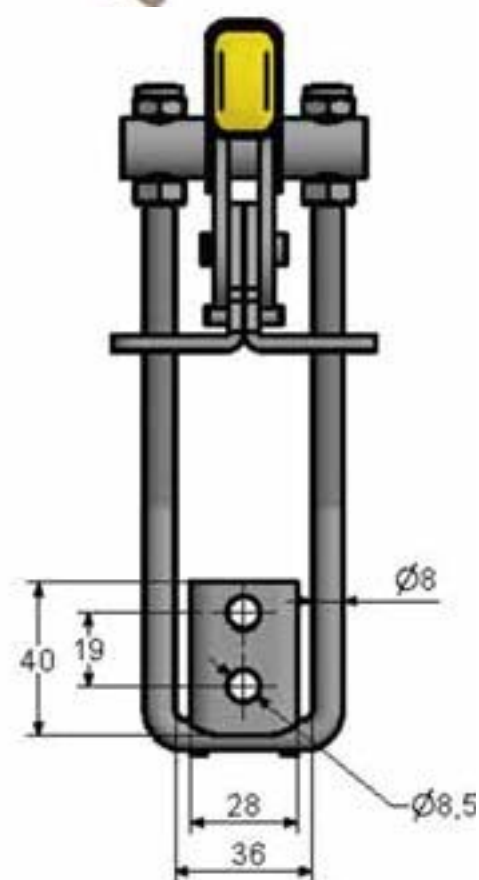
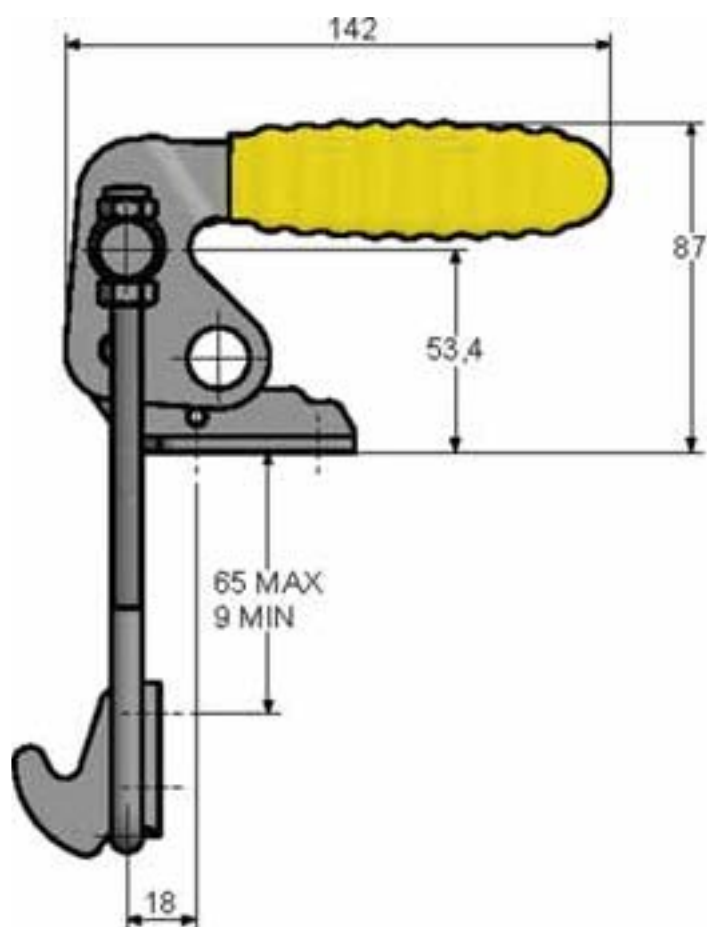




Material	Heavy gauge steel Hardened bushes
Finish	Zinc Plated
Supplied with	Hook Latch plate
Max holding force	710 daN
Weight	0.72 Kgs
Stroke	–
Clamping Pressure	430 daN



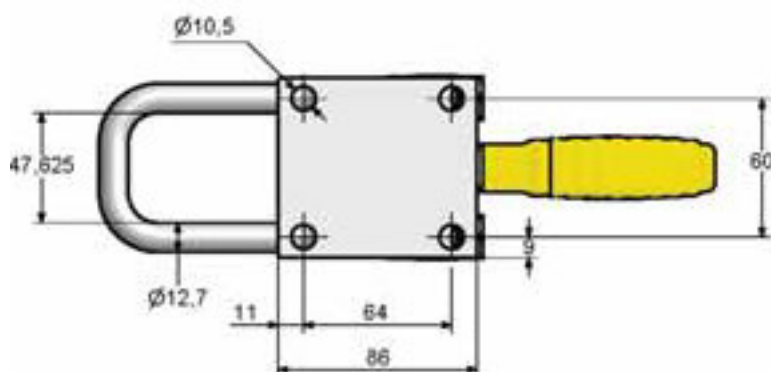
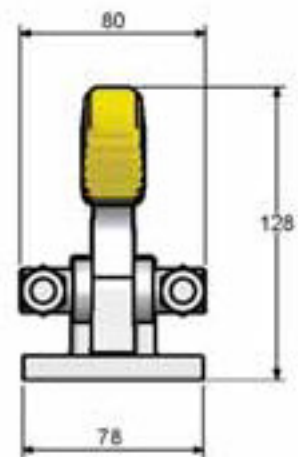
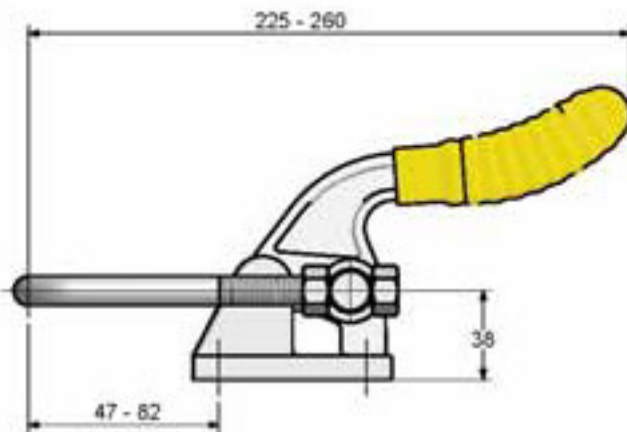
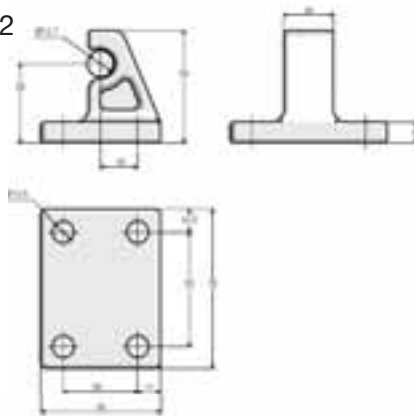
Material	Heavy gauge steel Hardened bushes
Finish	Zinc Plated
Supplied with	Hook Latch plate
Max holding force	710 daN
Weight	0.72 Kgs
Stroke	–
Clamping Pressure	430 daN



Material	Heavy gauge steel
Finish	Zinc Plated
	order latch plate separately
Max holding force	3730 daN
Weight	1.85 Kgs
Stroke	–
Clamping Pressure	–



TS – HC – 3730 – LP 357902



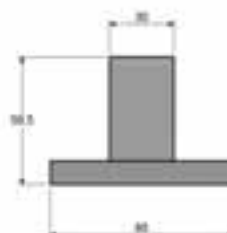
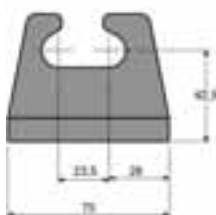
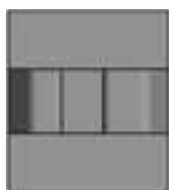


TS – HC – 6000 357903

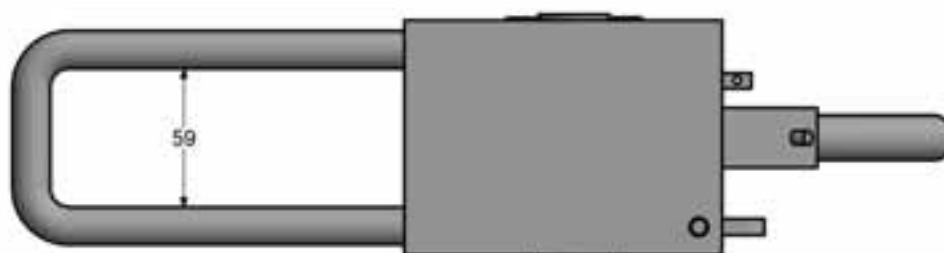
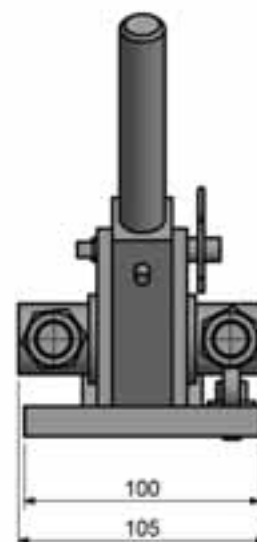
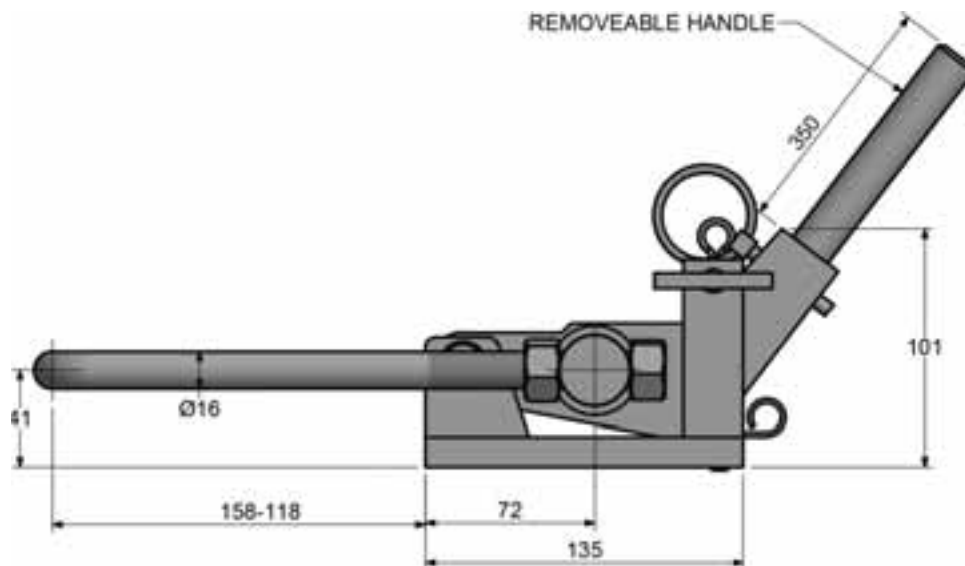
Material	Heavy gauge steel Hardened pins
Finish	Chemi-Blackened
	order latch plate seperately
Max holding force	6000 daN
Weight	5.7 Kgs
Stroke	–
Clamping Pressure	–



TS – HC – 6000 – LP 357904



REMOVEABLE HANDLE





Product Description

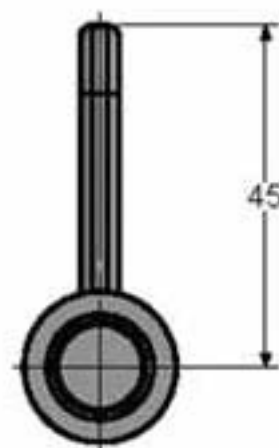
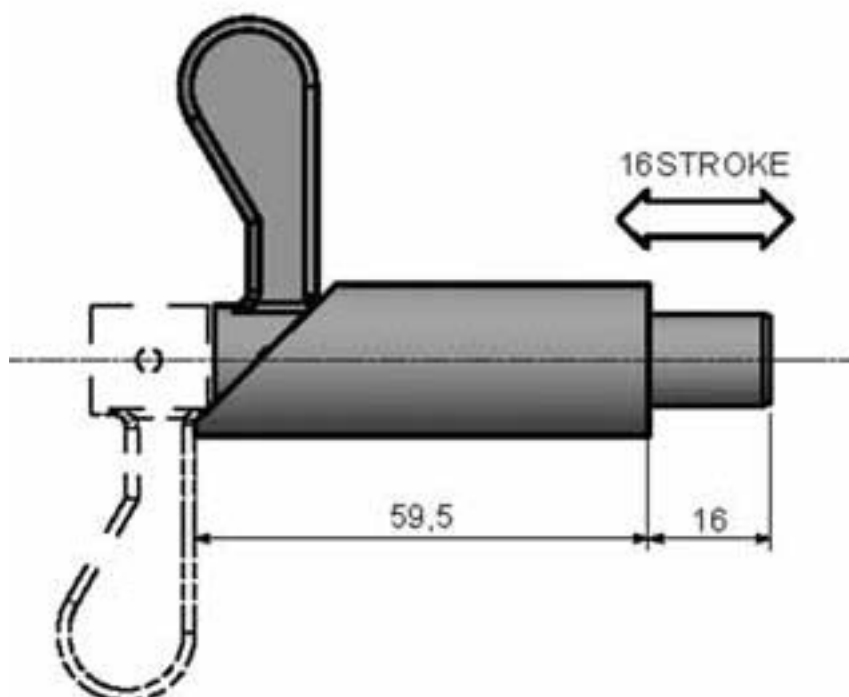
The TÜNKERS TS-L locators are ideally suited for precision indexing on sliding/rotating fixtures.

Chapter Overview

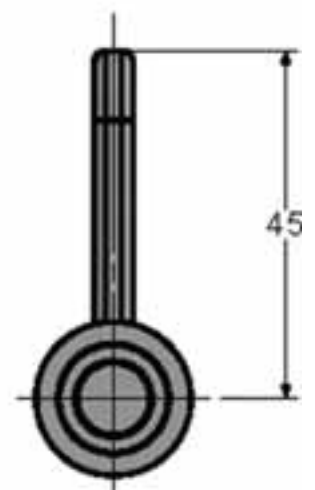
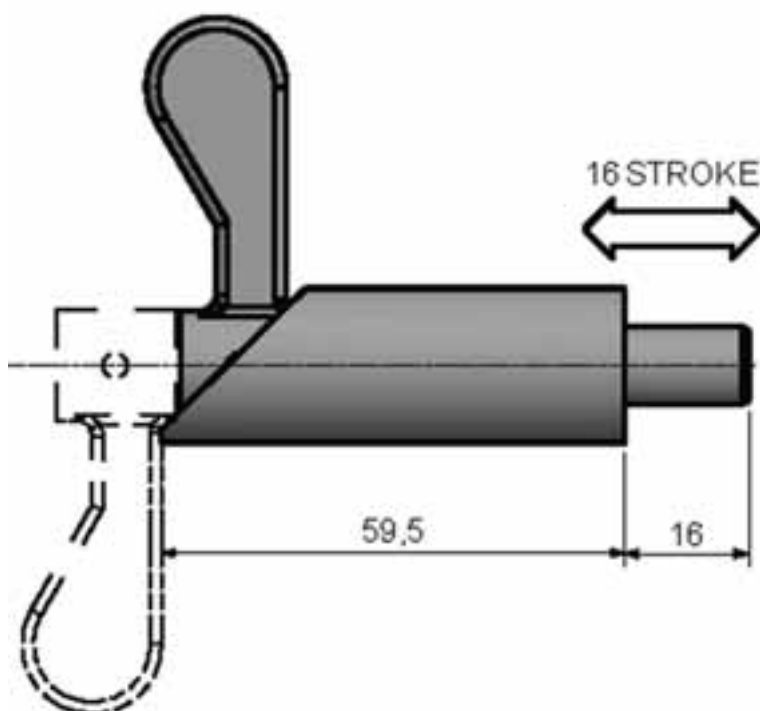
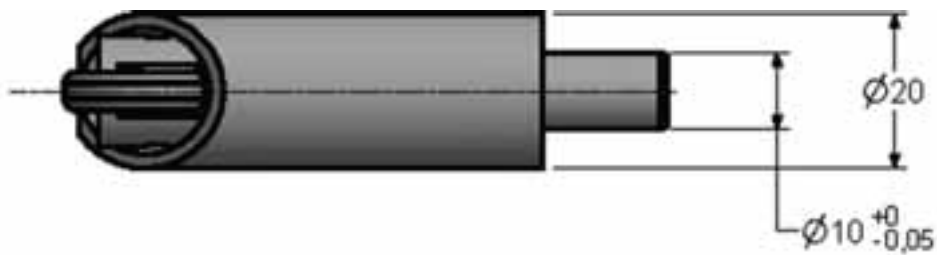
TS – L – 12 357905	6 – 2
TS – L – 12A 357906	6 – 3
TS – L – 123M-H 357907	6 – 4



Material	Heavy gauge steel
Finish	–
Supplied with	–
Max holding force	–
Weight	0.15 Kgs
Stroke	16 mm
Clamping Pressure	–

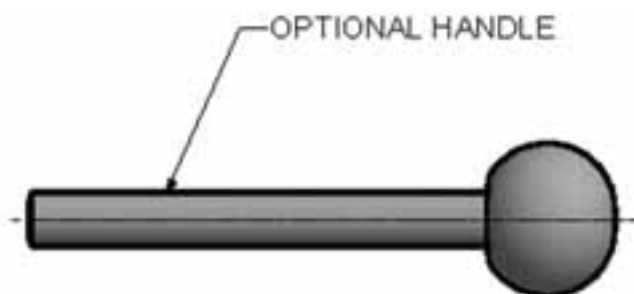
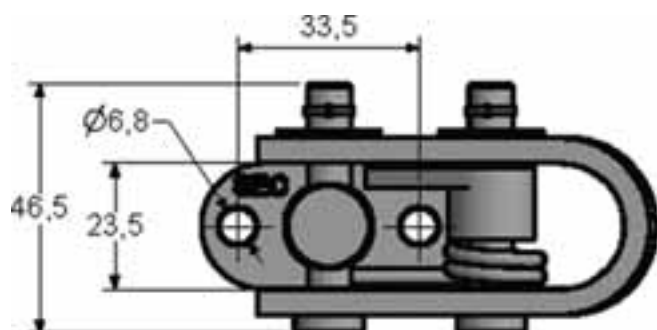


Material	Heavy gauge steel
Finish	–
Supplied with	–
Max holding force	–
Weight	0.14 Kgs
Stroke	13 mm
Clamping Pressure	–

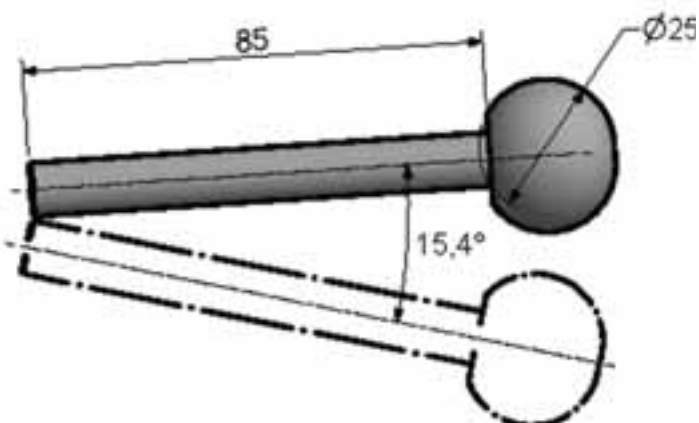
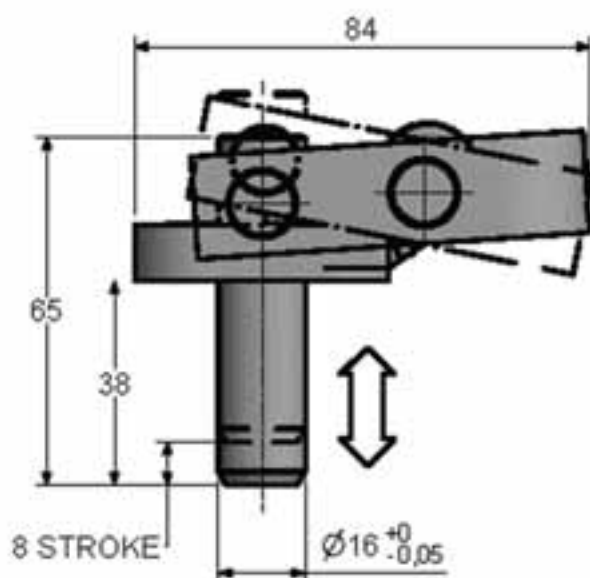




Material	Heavy gauge steel Hardened pins
Finish	–
Supplied with	–
Max holding force	–
Weight	0.36 Kgs
Stroke	8 mm
Clamping Pressure	–



OPTIONAL HANDLE



8 STROKE



Product Description

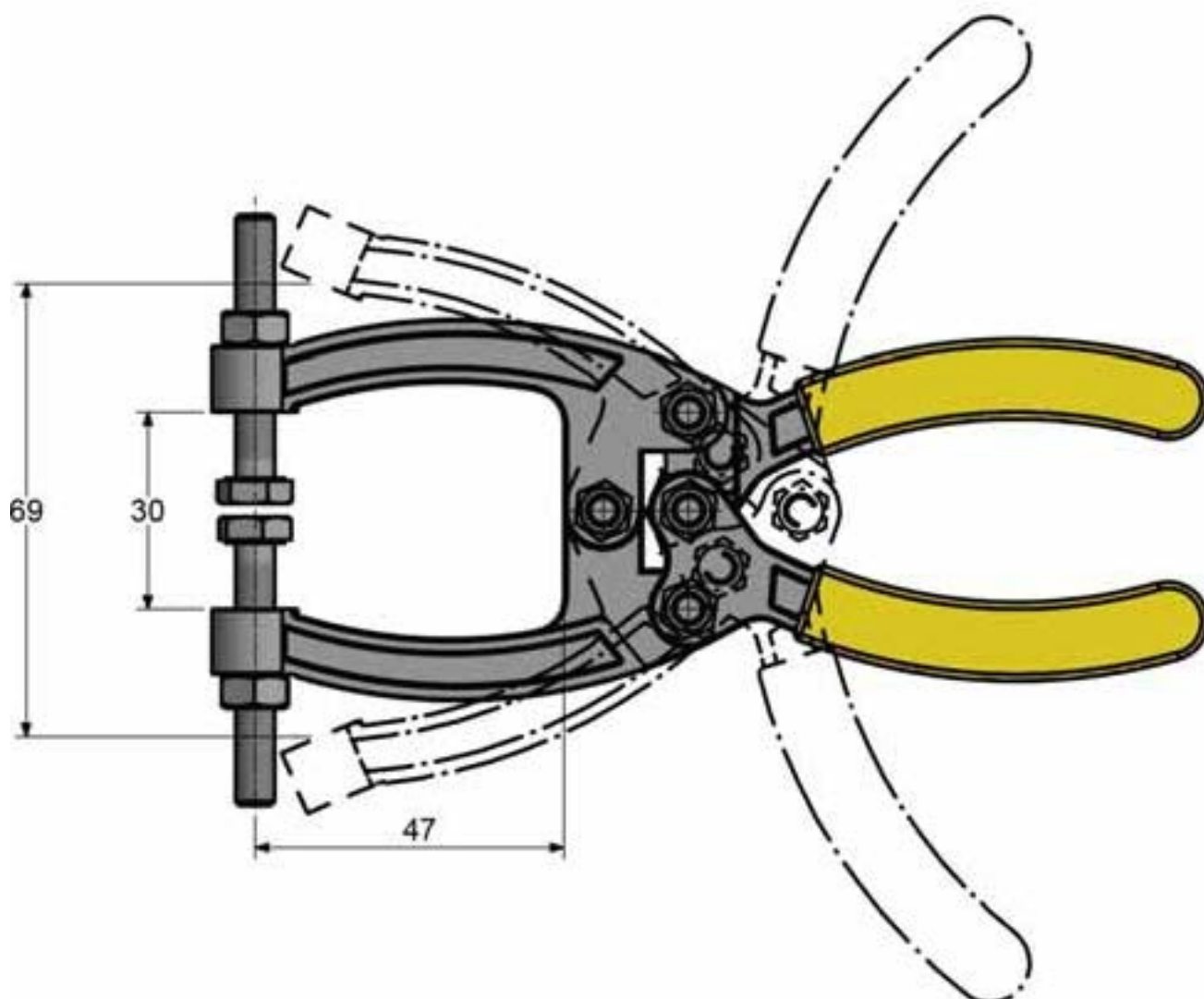
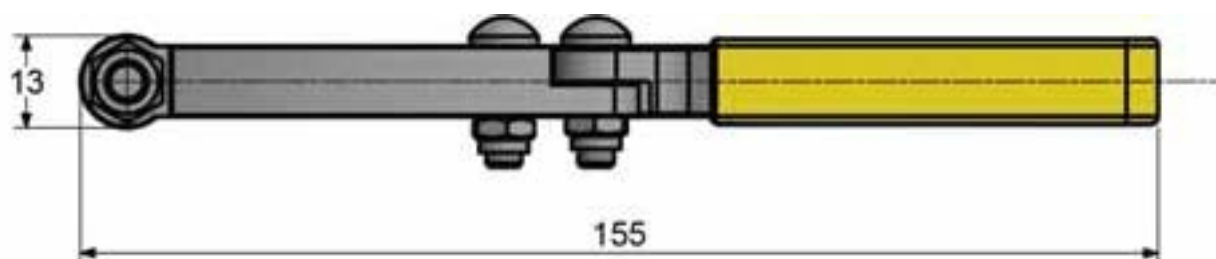
The TÜNKERS TS-G (or S) toggle clamps allow holding work-pieces with a pinching or squeezing action between two clamping jaws.

Chapter Overview

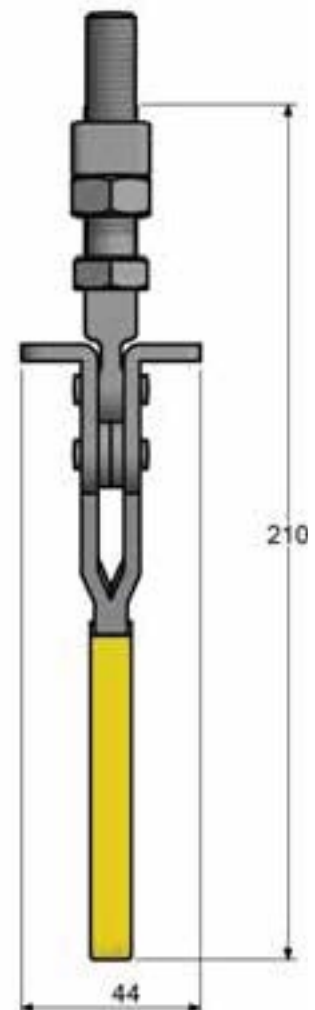
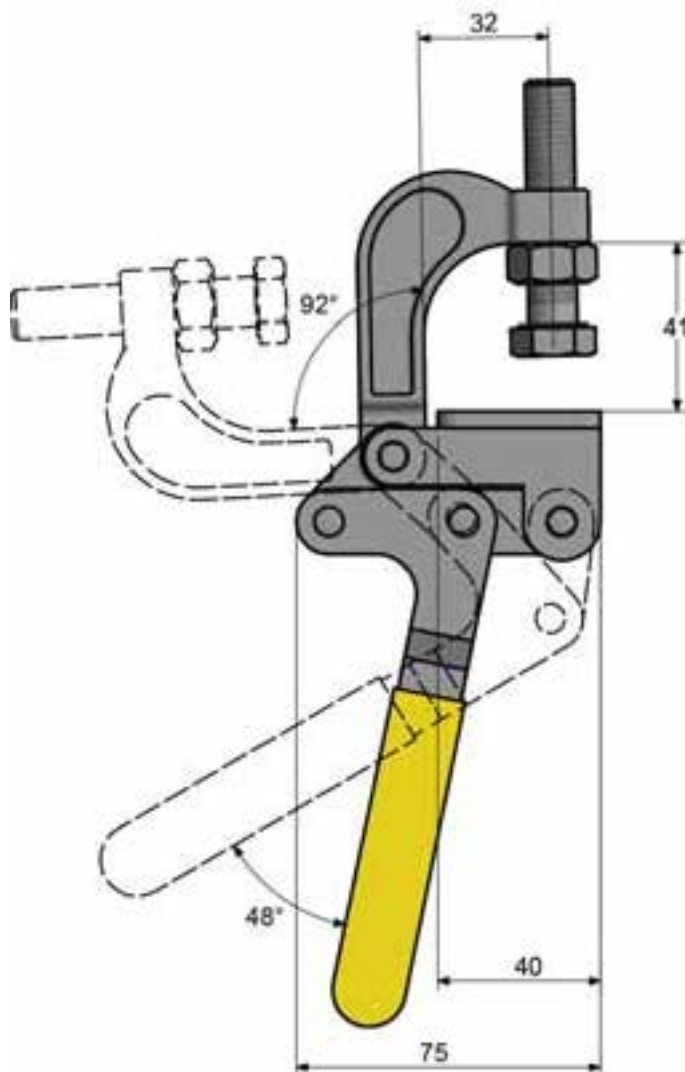
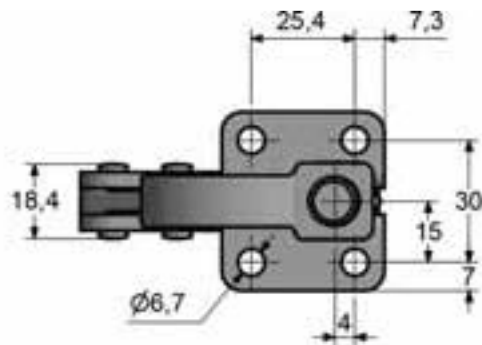
TS – G – 150 – JW30	357908	7 – 2
TS – G – 365 – JW41	357909	7 – 3
TS – G – 545 – JW44	357910	7 – 4
TS – G – 545 – JW87	357911	7 – 5
TS – G – 545 – JW112	357912	7 – 6
TS – G – 386 – CJ	357913	7 – 7



Material	Heavy gauge steel Hardened pins
Finish	Zinc Plated
Supplied with	6x40 mm spindles
Max holding force	150 daN
Weight	0.27 Kgs
Stroke	–
Clamping Pressure	80 daN



Material	Heavy gauge steel
Finish	Zinc Plated
Supplied with	12x60 mm spindles
Max holding force	365 daN
Weight	0.5 Kgs
Stroke	–
Clamping Pressure	125 daN

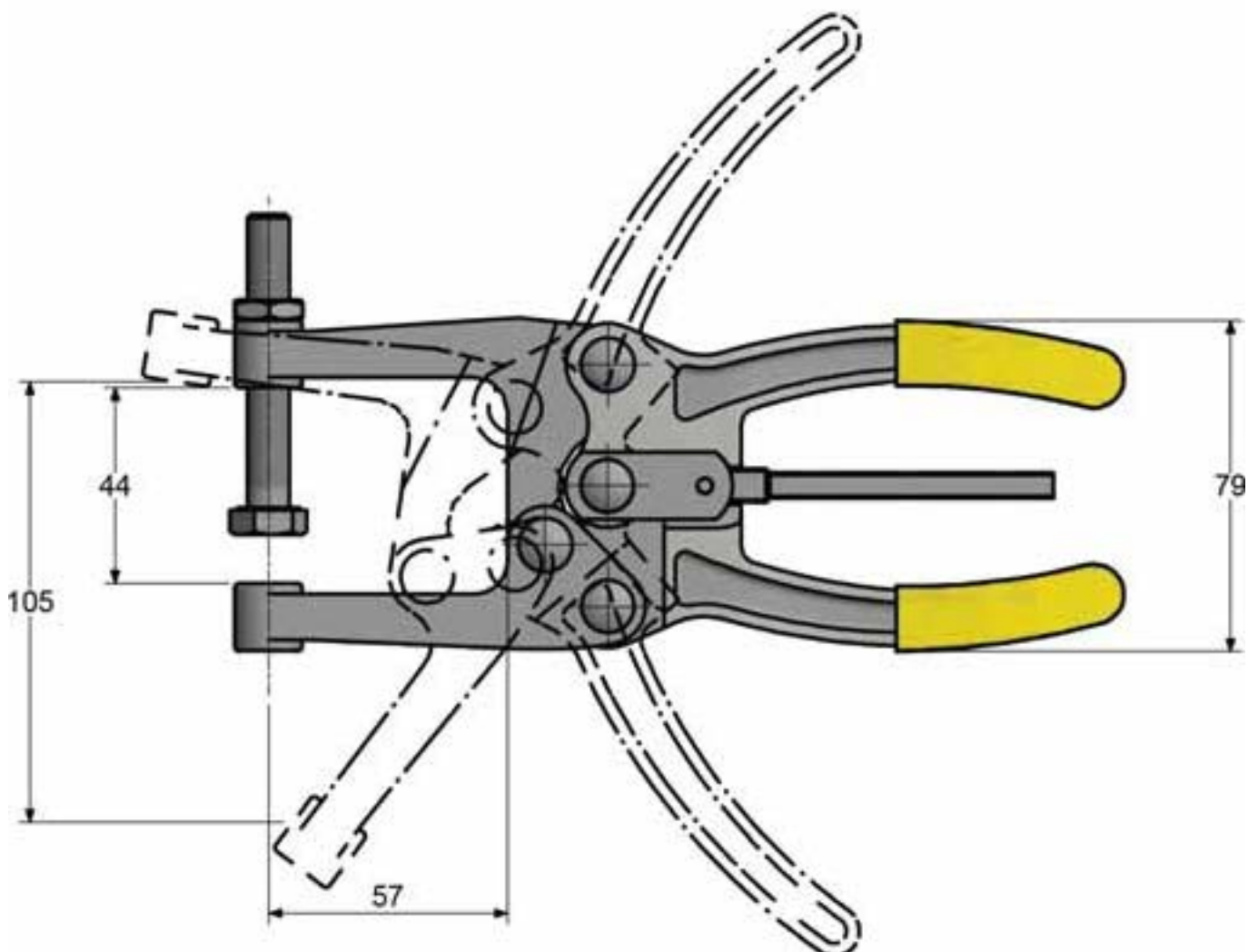
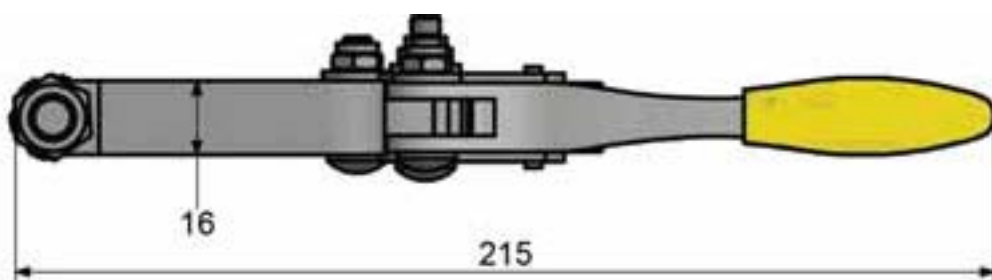




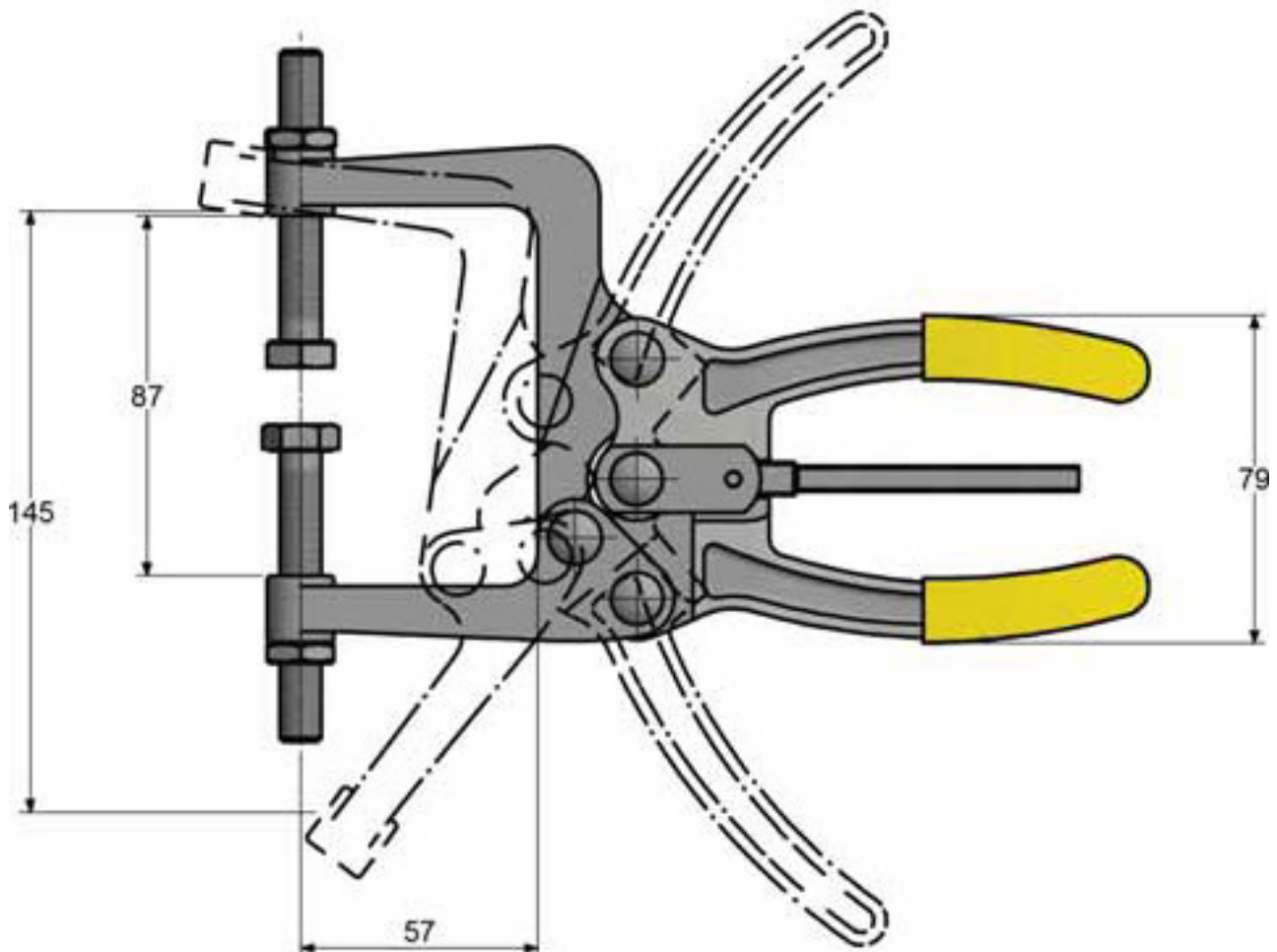
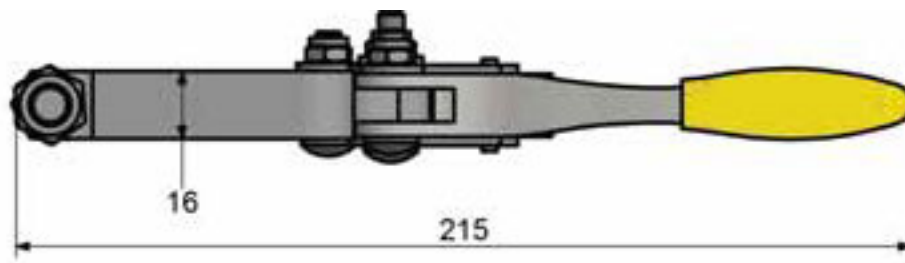
TS – G – 545 – JW44 357910



Material	Heavy gauge steel Hardened pins and bushes
Finish	Zinc Plated
Supplied with	10x70 mm spindles
Max holding force	545 daN
Weight	0.9 Kgs
Stroke	–
Clamping Pressure	250 daN

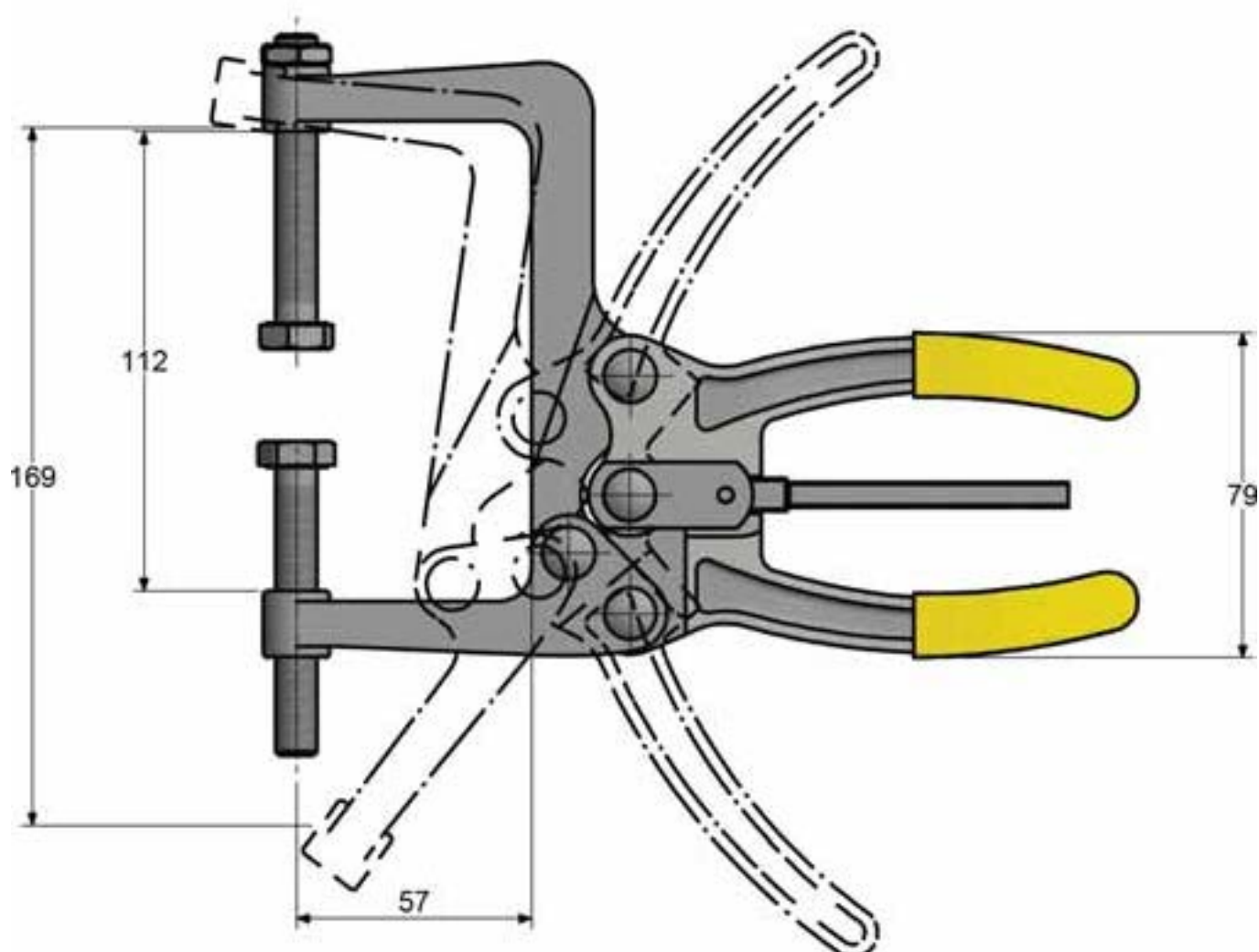
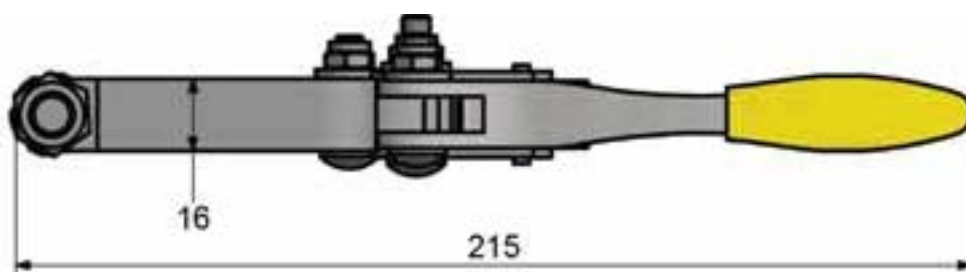


Material	Heavy gauge steel Hardened pins and bushes
Finish	Zinc Plated
Supplied with	10x70 mm spindles
Max holding force	545 daN
Weight	1.0 Kgs
Stroke	–
Clamping Pressure	170 daN

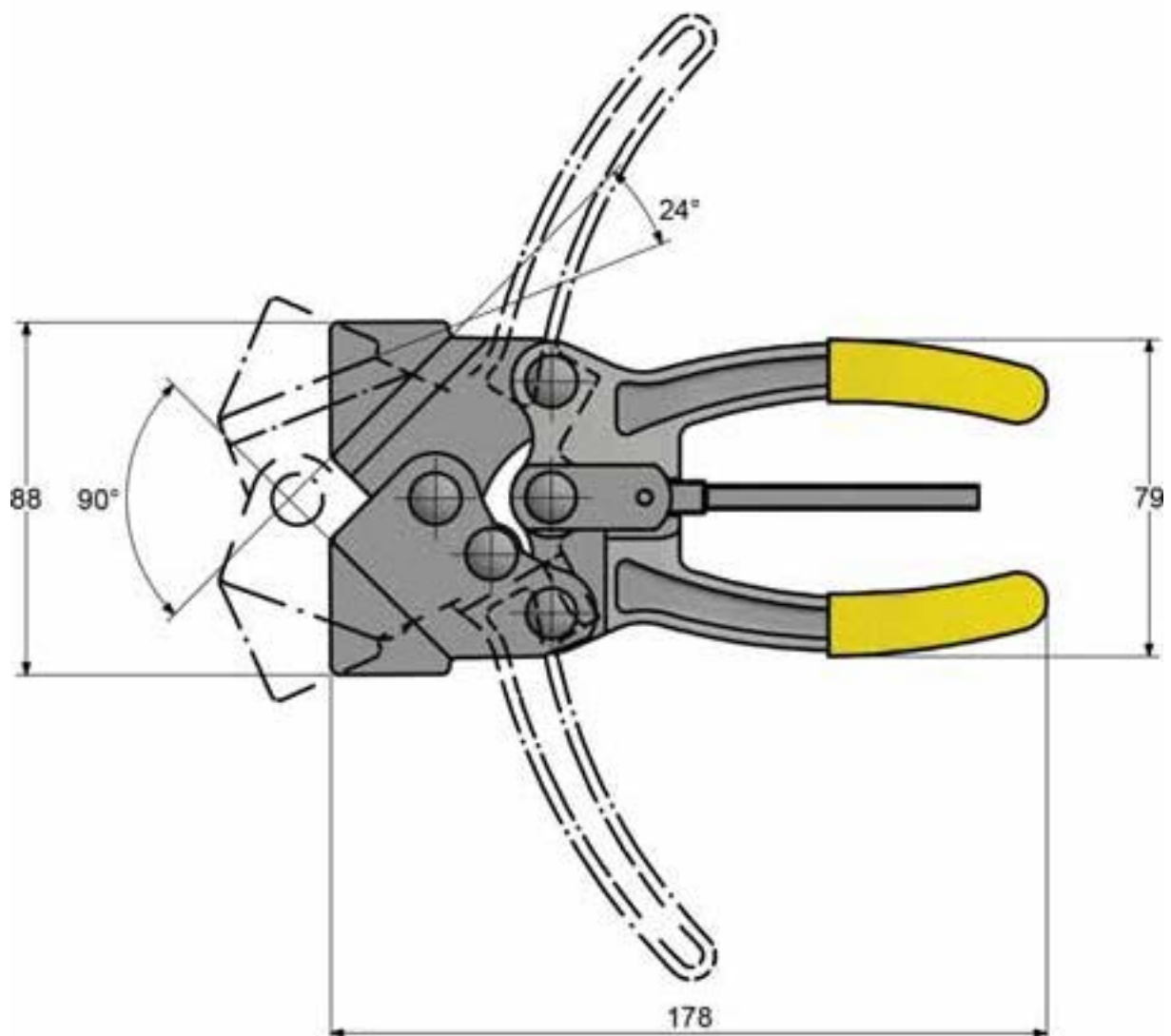




Material	Heavy gauge steel Hardened pins and bushes
Finish	Zinc Plated
Supplied with	10x70 mm spindles
Max holding force	545 daN
Weight	1.1 Kgs
Stroke	-
Clamping Pressure	170 daN



Material	Heavy gauge steel Hardened pins and bushes
Finish	Chemi-Blackened
Supplied with	–
Max holding force	–
Weight	0.56 Kgs
Stroke	–
Clamping Pressure	100-200 daN



Swivel foot adjustment spindle

Order Code	A	B	C	D
SM665 357914	6	50	12.5	12
SM865 357915	8	65	17.5	18
SM1085 357916	10	80	19	20
SM1280 357917	12	80	19	20



Neoprene tipped adjustment spindle

Order Code	A	B	C	D	E
NM645 357918	6	45	15	12	12
NM670 357919	6	70	15	12	12
NM875 357920	8	75	20	16	16
NM895 357921	8	95	20	16	16
NM1080 357922	10	100	28	22	22
NM1280 357923	12	80	30	24	24
NM12100 357924	12	100	30	24	24



Neoprene caps

Order Code	A	B	C	D
NP6 357925	6	10	15	12
NP8 357926	8	13	19	16
NP10 357927	10	14	24	20



At your service - worldwide



TÜNKERS Maschinenbau GmbH
Am Rosenkoth 4-12
40880 Ratingen
Germany
Tel.: +49 2102 4517-0
info@tuenkers.de
www.tuenkers.de



EXPERT-TÜNKERS GmbH
Seehofstraße 56-58
64653 Lorsch
Germany
Tel.: +49 6251 592-0
info@expert-tuenkers.de
www.expert-tuenkers.de



HELU GmbH
Seehofstraße 56-58
64653 Lorsch
Germany
Tel.: +49 6251 592-280
info@helu.de



SOPAP Automation SAS
P. A. Ardennes Emeraude
Rue Henri Faure
BP 11 09, 08090 TOURNES
France
Tel.: +33 3 24 52 94 64
sopap@sopap.com

ARGENTINA – TÜNKERS DE ARGENTINA S.A.
Velez Sarsfield 1516 – Quilmes (1879)
Provincia de Buenos Aires
Tel.: +54 11 2100-2900
info@tuenkers.com.ar

AUSTRIA – B-S-D Spanntechnik GmbH
Sportplatzstrasse 31
3385 Markersdorf
Tel.: +43 2749 72870-0
office@bsdustria.com

BALTIC STATES – Vertriebsbüro Ost
Markt 11
D-07426 Königsee
Tel.: +49 36738 42432
dieter.rauschenbach@tuenkers.de

BELGIUM – TÜNKERS Maschinenbau GmbH
Am Rosenkoth 4-12
D-40880 Ratingen
Tel.: +32 479 983611
frank.maertens@tuenkers.de

BRAZIL – Tünkers do Brasil Ltda.
Avenida Casa Grande, 850 – Galpão 6, 11 e 13
Bairro: Casa grande
09961-350 – Diadema - São Paulo
Tel.: +55 11 4056-3100
comercial@tuenkers.com.br

CANADA – TUNKERS North America
36200 Mound Road
Sterling Heights, MI 48310
Tel.: +1 248 362 9555
todd.moriarty@tuenkers.com

CHINA – TÜNKERS China
Tuenkers Machinery & Automation
Technology Co., Ltd. Shanghai
Building 4, No. 768 Chenxiang Road,
Jiading District, Shanghai P.R.
China, 201802
Tel.: +86 21 39171070
info@xin-tuenkers.com.cn
Other Offices: Changchun, Nanjing, Chengdu,
Beijing, Wuhan, Guangzhou, Yantai, Shenyang

CZECH REPUBLIC – Vertriebsbüro Ost
Markt 11
D-07426 Königsee
Tel.: +49 36738 42432
petr.cejka@tuenkers.sk

CZECH REPUBLIC – Kopta s. r. o.
Vážní 891 / areál PSN I
CZ-500 03 Hradec Králové
Tel.: +420 736285307
kopta@kopta.cz

DENMARK – Berga Maskin
64693 Gnesta
Tel.: +46 158 31112
info@berga-maskin.se

FINLAND – Berga Maskin
64693 Gnesta
Tel.: +46 158 31112
info@berga-maskin.se

FRANCE – SOPAP Automation SAS
P. A. Ardennes Emeraude
Rue Henri Faure
BP 11 09, 08090 TOURNES
Tel.: +33 3 24 52 94 64
sopap@sopap.com

HUNGARY – TÜNKERS Slovakia s.r.o.
Roentgenova 26
SK85101 Bratislava
Tel.: +421 905 564 691
juraj.rampasek@tuenkers.sk

INDIA – TÜNKERS Automation India Private Ltd.
402 Supreme Head Quarters 36
Mumbai-Pune Bypass
411008 Baner-Pune
Tel.: +91 98 60 699190
jayesh.keskar@tuenkers.com

INDONESIA – BESTARI (BME) LIFTECH MACHINERY
SDN BHD (954853-K)
No 5 Jalan Permata 9/KS09,
Jaman Perindustrian Air Hitam,
KM11 Jalan Klang Banting
41200 Klang, Selangor Darul Ehsan
Tel.: +60126219779 / +60172482233
info@bestari-bme.com.my

ITALY – TÜNKERS Italia
Strada TORINO, 43 sub. 06
10043 ORBASSANO-TORINO
Tel.: +39 011 5508264
a.michellone@tuenkers.it

JAPAN – TÜNKERS Japan Ltd.
Park Hills Chiyoda, Naka-ku,
460-0012 Nagoya, Japan
Tel.: +81 (0)52 212 8803
Mobile.: +81 80 1772 5407
sven.otten@tuenkers.de

MALAYSIA – BESTARI (BME) LIFTECH MACHINERY
SDN BHD (954853-K)
No 5 Jalan Permata 9/KS09,
Jaman Perindustrian Air Hitam,
KM11 Jalan Klang Banting
41200 Klang, Selangor Darul Ehsan
Tel.: +60126219779 / +60172482233
info@bestari-bme.com.my

MOROCCO – SOPAP Automation SAS
P. A. Ardennes Emeraude
Rue Henri Faure
F-BP 11 09, 08090 TOURNES
Tel.: +33 3 24 52 94 64
michel.andre@tuenkers.de

MEXICO – TUNKERS DE MÉXICO S.A. DE C.V.
Prolongación Uranga No. 93 C
Colonia Sanctorum, Cuautlancingo
Puebla, C.P. 72730
Tel.: +52 222 393 5547
christian.volkmann@tuenkers.mx

NETHERLANDS – TÜNKERS Maschinenbau GmbH
Am Rosenkoth 4-12
D-40880 Ratingen
Tel.: +32 479 983611
frank.maertens@tuenkers.de

POLAND – TÜNKERS Slovakia s.r.o.
Roentgenova 26
SK85101 Bratislava
Tel.: +48 660 055 225
jaroslaw.rozmiarek@tuenkers.sk
www.tuenkers.sk

ROMANIA – TÜNKERS Maschinenbau GmbH
55068 Sibiu, Romania
Tel.: +40-752 184 548
traian.moga@tuenkers.sk

RUSSIA – WEST-RU
Novikova-Priboya Str. 4 office 407
603058 Nizhny Novgorod
Tel.: +7 831 253 01 65

RUSSIA – Cont Group
Office 315, Sibirskij Proezd 2-27
Moscow 109316
Tel.: +7 495 775 - 0377

SERBIA – TÜNKERS Maschinenbau GmbH
55068 Sibiu, Romania
Tel.: +40-752 184 548
traian.moga@tuenkers.sk

SINGAPORE – BESTARI (BME) LIFTECH MACHINERY
SDN BHD (954853-K)
No 5 Jalan Permata 9/KS09,
Jaman Perindustrian Air Hitam,
KM11 Jalan Klang Banting
41200 Klang, Selangor Darul Ehsan
Tel.: +60126219779 / +60172482233
info@bestari-bme.com.my

SLOVAKIA – TÜNKERS Slovakia s.r.o.
Twin City C
Mlynské nivy 16
SK82109 Bratislava
Tel.: +421 905 564 691
juraj.rampasek@tuenkers.sk
www.tuenkers.sk

SLOVENIA – TÜNKERS Maschinenbau GmbH
55068 Sibiu, Romania
Tel.: +40-752 184 548
traian.moga@tuenkers.sk

SOUTH AFRICA – Demcon (Cape) cc
PO Box 15237
ZA-60110 Emerald Hill/Port Elizabeth
Tel.: +27 41 4847411
demcon@demcon.co.za

SOUTH KOREA – JC Systems Co. Ltd.
#405 Ace Highend 9Ch, 233,
Gasam digital 1-ro, Geumcheon-gu, Seoul
Tel.: +82 70 7012089
j3cho@chol.com

SPAIN – TÜNKERS IBÉRICA, S.L.
c/ Enric Prat de la Riba, 14b
08830 Sant Boi de Llobregat (Barcelona)
Tel.: +34 93 3952827
tunkers@tunkersiberica.com

SWEDEN – BERGA MASKIN
SE-646 93 GNESTA
Tel.: +46 158 311 12
info@berga-maskin.se

THAILAND – BESTARI (BME) LIFTECH MACHINERY
SDN BHD (954853-K)
No 5 Jalan Permata 9/KS09,
Jaman Perindustrian Air Hitam,
KM11 Jalan Klang Banting
41200 Klang, Selangor Darul Ehsan
Tel.: +60126219779 / +60172482233
info@bestari-bme.com.my

TURKEY – Cava Makina
Imes Sanayi Sitesi E 503
34776 Umraniye / Istanbul
Tel.: +90 216 3809280
alp.varna@cava.com.tr

UK – TÜNKERS-EXPERT UK Ltd.
Unit 5, Ham Lane,
Kingswinford,
West Midlands.
DY6 7JR
Tel.: +44 (0) 1384 287690
neal.judge@tuenkers.de

USA – TUNKERS North America
36200 Mound Road
Sterling Heights, MI 48310
Tel.: +1 248 362 9555
todd.moriarty@tuenkers.com

VIETNAM – BESTARI (BME) LIFTECH MACHINERY
SDN BHD (954853-K)
No 5 Jalan Permata 9/KS09,
Jaman Perindustrian Air Hitam,
KM11 Jalan Klang Banting
41200 Klang, Selangor Darul Ehsan
Tel.: +60126219779 / +60172482233
info@bestari-bme.com.my