



MINEON
INDUSTRIAL HARDWARE
SOLUTIONS



CONTACT

E-mail: info@mineon.de

Ahrstrasse 1 41469 Neuss Germany

Register Court : Neuss HRB 22594

[Http://www.mineon.de](http://www.mineon.de)

» CABINETS LOCK

Brief Introduction

Industries

A Application areas

- 1 Cabinet Industry
- 2 Construction Machinery
- 3 New Energy
- 4 Industrial Equipment
- 5 Medical Instruments
- 6 Marine hardware



Cabinet Industry



Construction Machinery



New Energy



Industrial Equipment



Medical Instruments



Marine hardware

Located in Nordrhein-Westfalen Germany, Minecon was established in the city of Neuss. The company is focusing on supplying components mainly used for enclosures, machinery equipments, medical equipments etc..

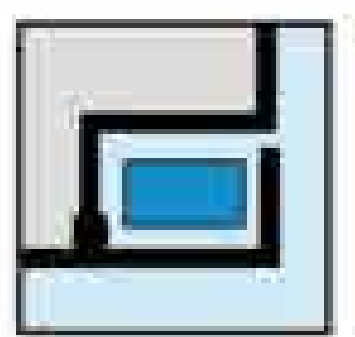
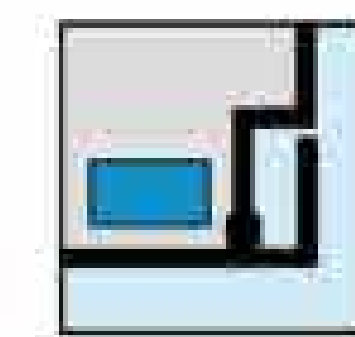
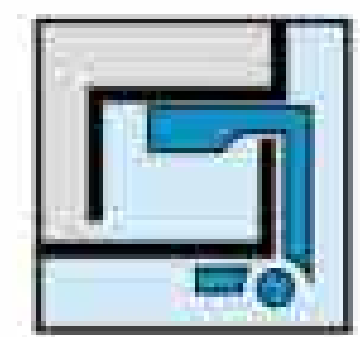
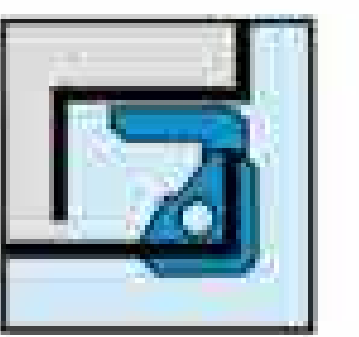
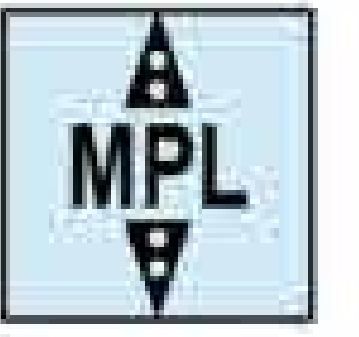
With more than 17 years working experience and strong technical background support in the Locking and Fastening System, Minecon is committed to being a professional industrial product supplier, to provide customers with high-quality, safe and reliable, green and environmentally friendly industrial products.

Always pay attention on customer needs and provide professional solutions to customers, timely and quick response is our work goal.

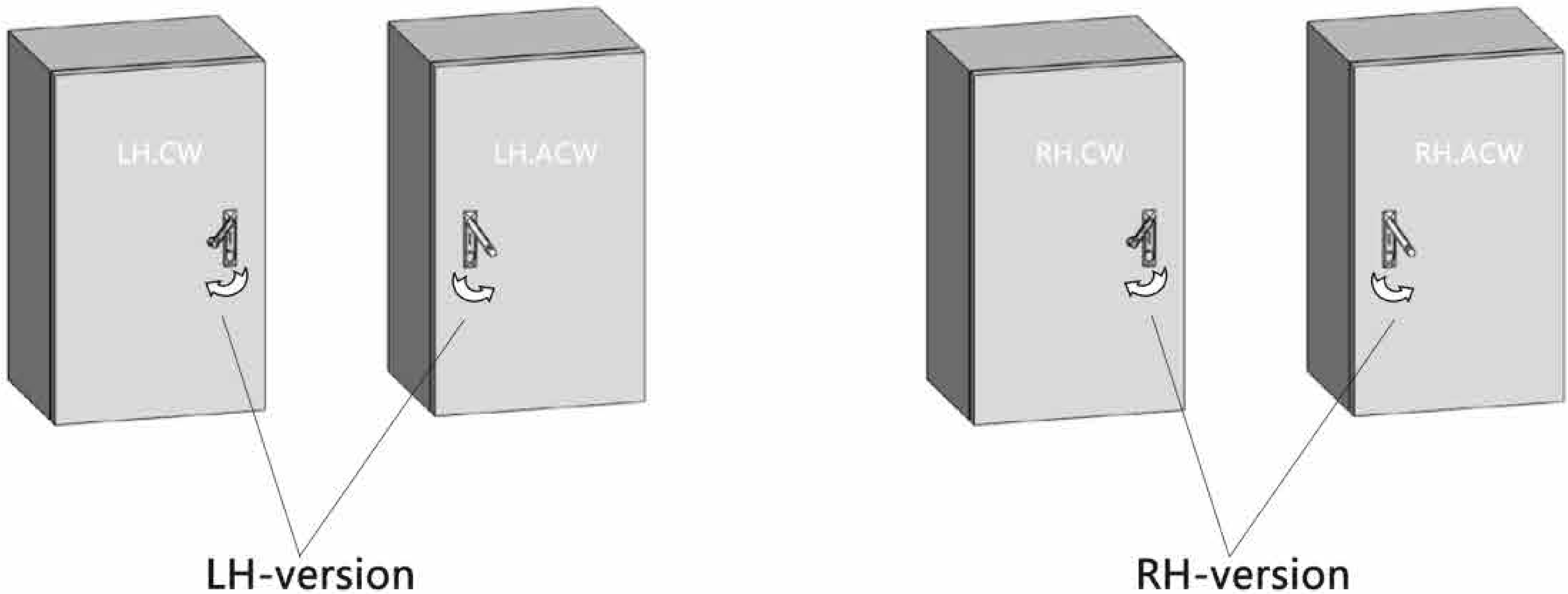
As a young company, we provide various and convenient services to different customers. Minecon is dedicated to becoming a professional, convenient and socially responsible company.

To learn more about how we can help, please contact 0049-(0)17636786932 or send an email to info@minecon.de

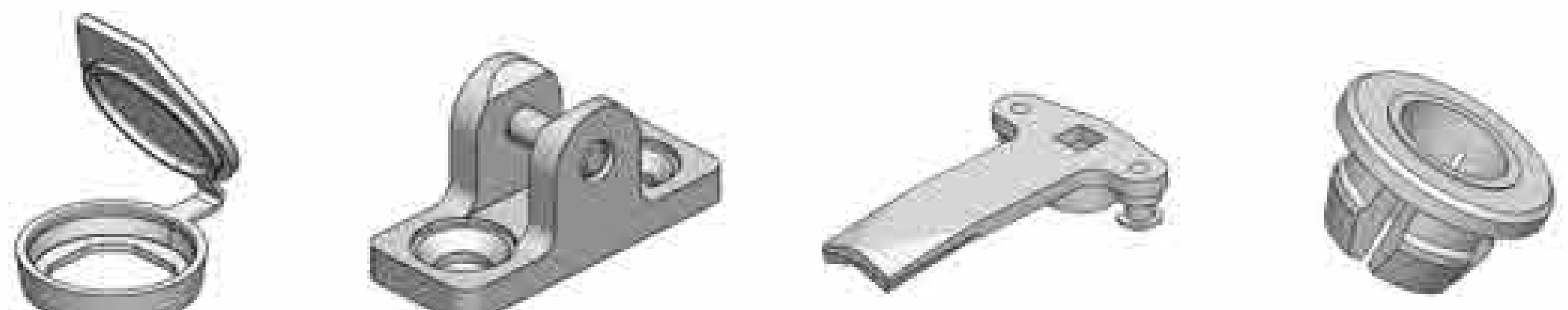
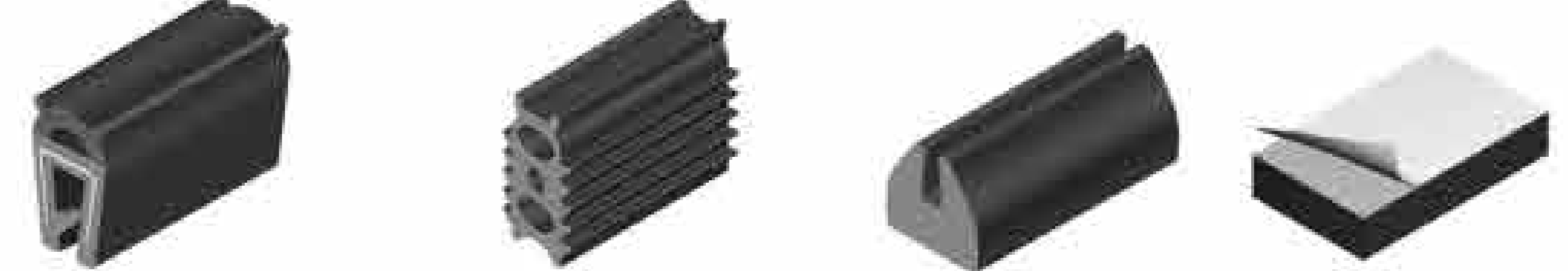
Explanation pictograms

 Outside the gasketing	 Inside the gasketing	 Hinge exposed	 Hinge concealed	 Hinge half-concealed	 Tighten
 IP-rating	 IP-rating	 IP-rating	 IP-rating	 Multipoint latching	 Stainless steel
 Two-point latching	 Thre-point latching	 Door RH and LH-version	 Door RH-version	 Door LH-version	 ROHS Application

RH / LH Sketch map



List of contents

	▶ 001—038 Lock
	▶ 039—060 Hinge
	▶ 061—068 Handles
	▶ 069—074 Draw Latch
	▶ 075—078 Door Stop
	▶ 079—082 Slide
	▶ 083—094 Lock Accessories
	▶ 095—100 Gasket

ML100-1001


RL **IP54**

Application : Insert quarter-turn opening or closing

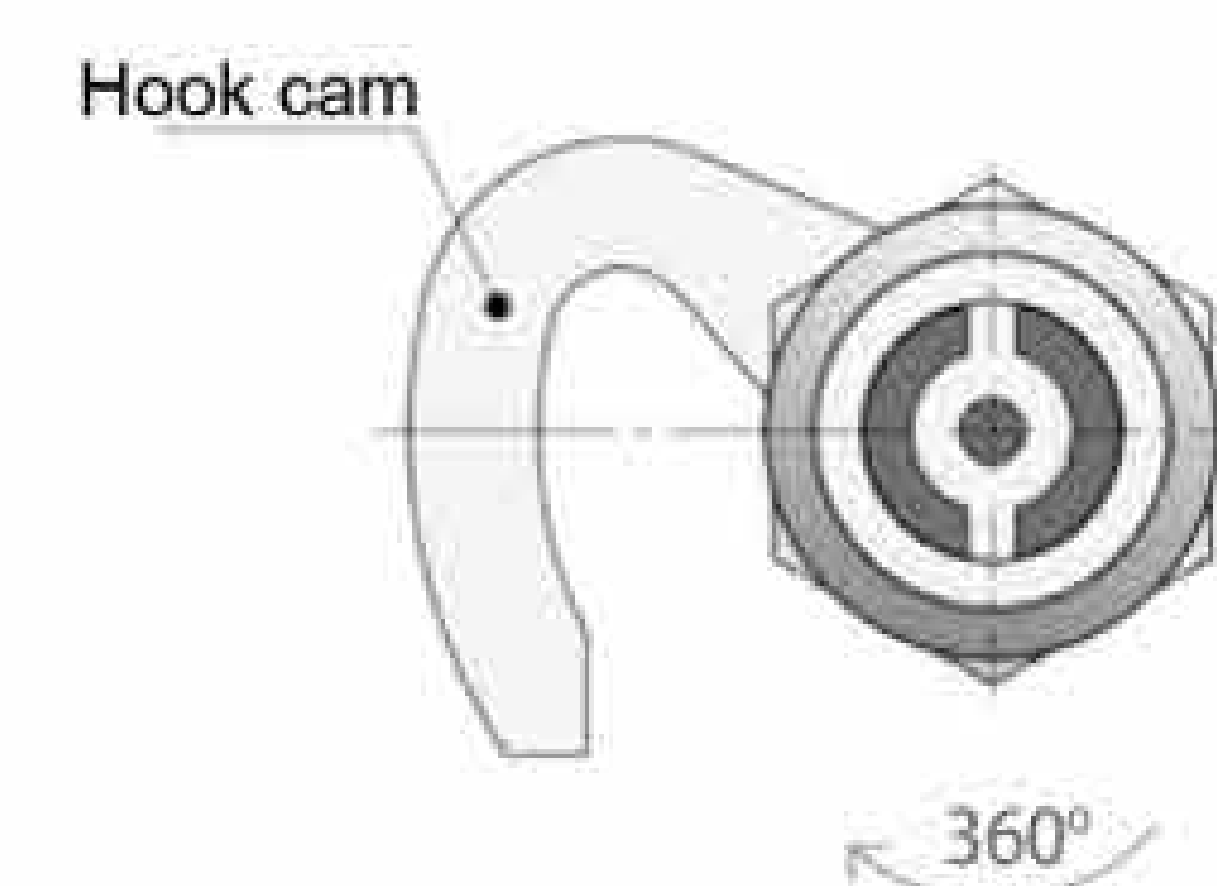
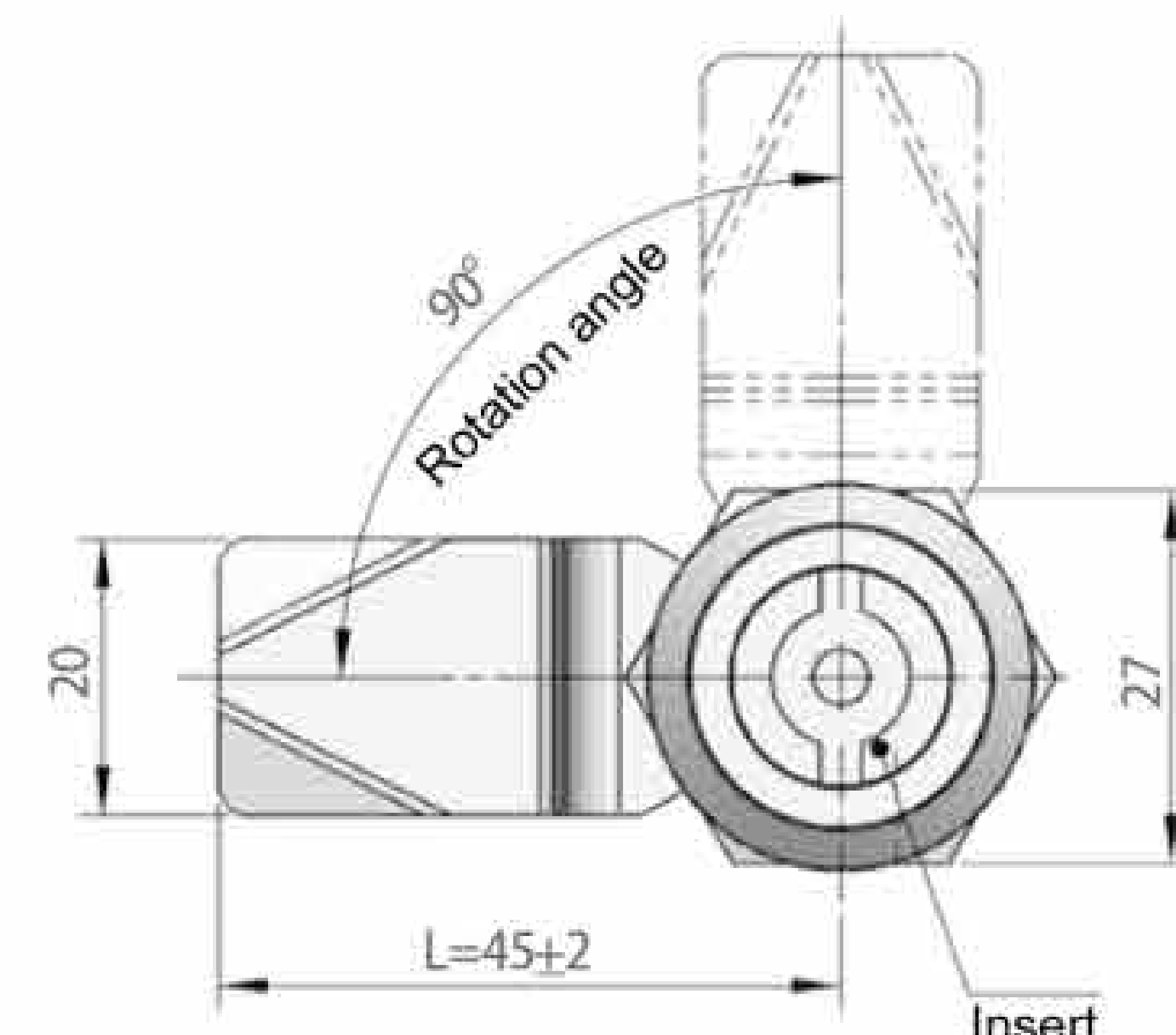
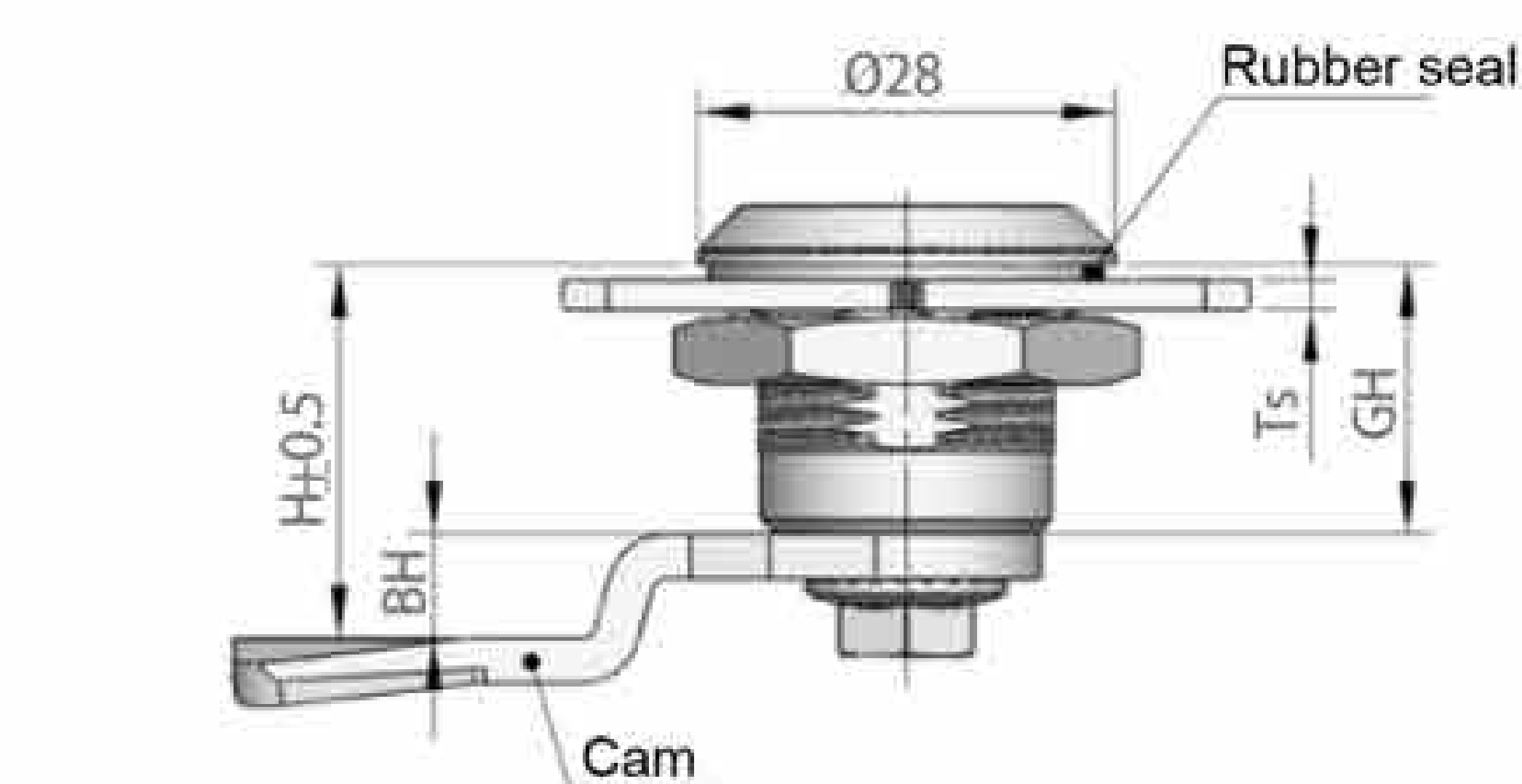
Default cam : S1B4500

Performance parameter:

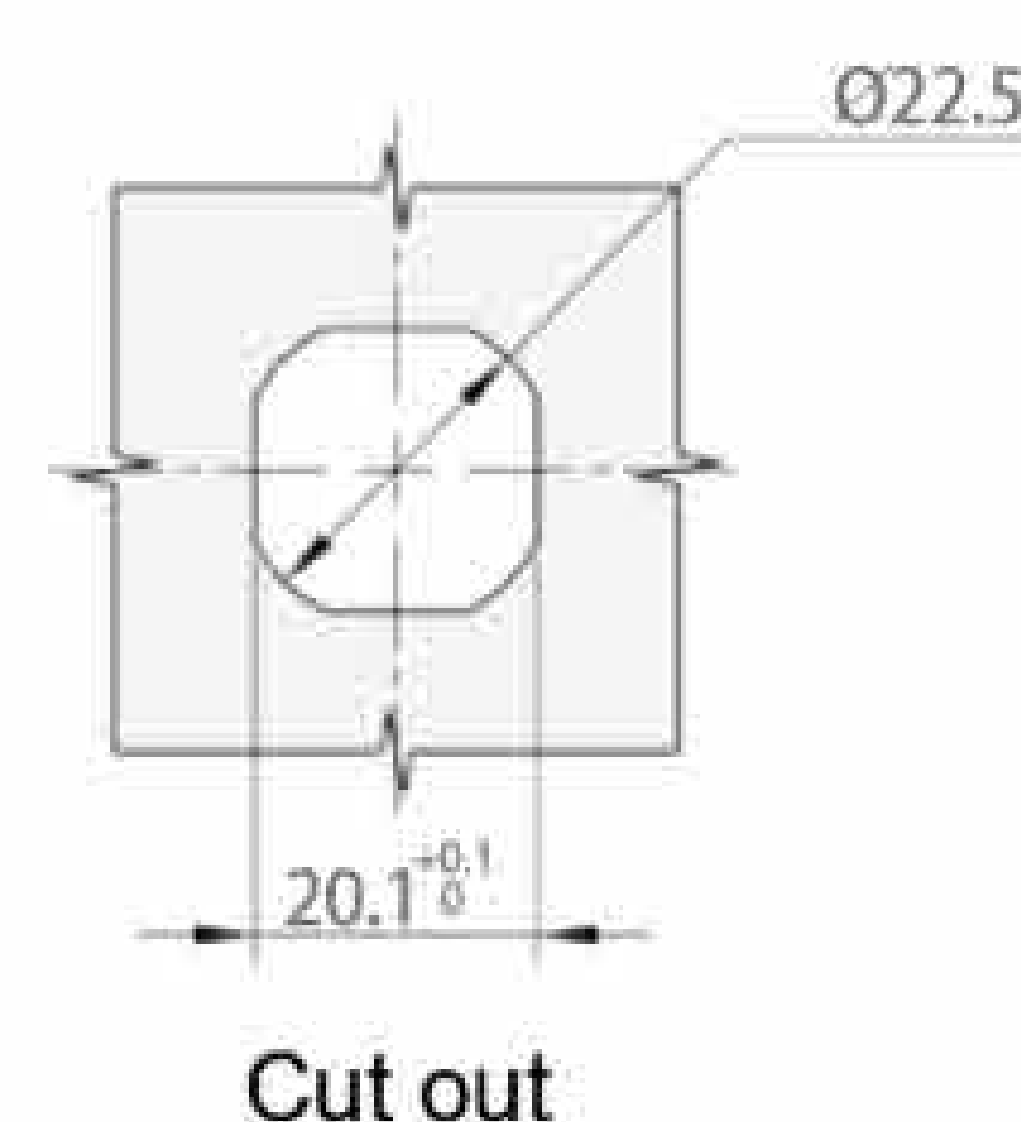
Maximum static load: 270N

Recommended nut tightening torque: 20N.m

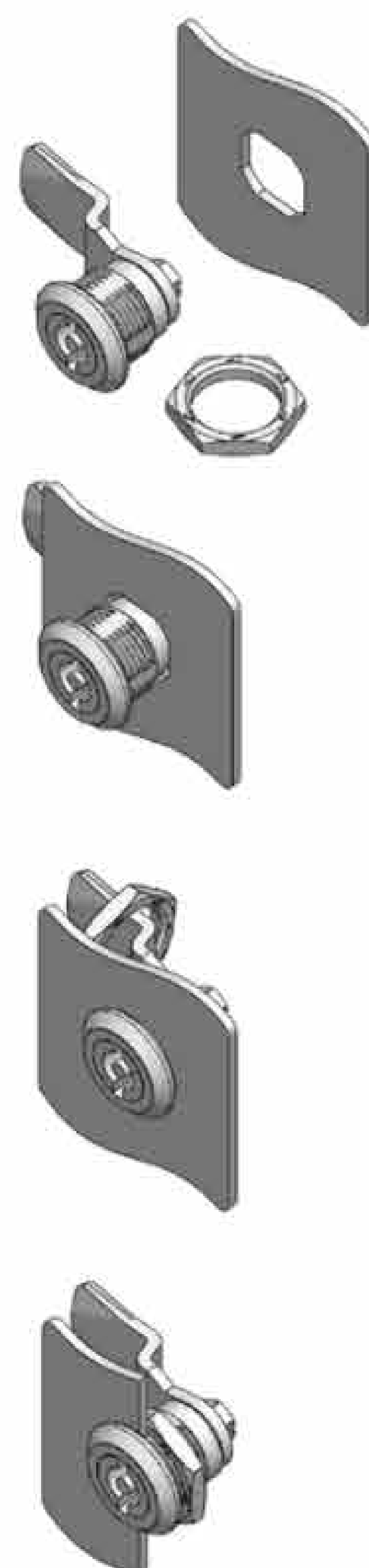
Maximum input torque: 9N.m



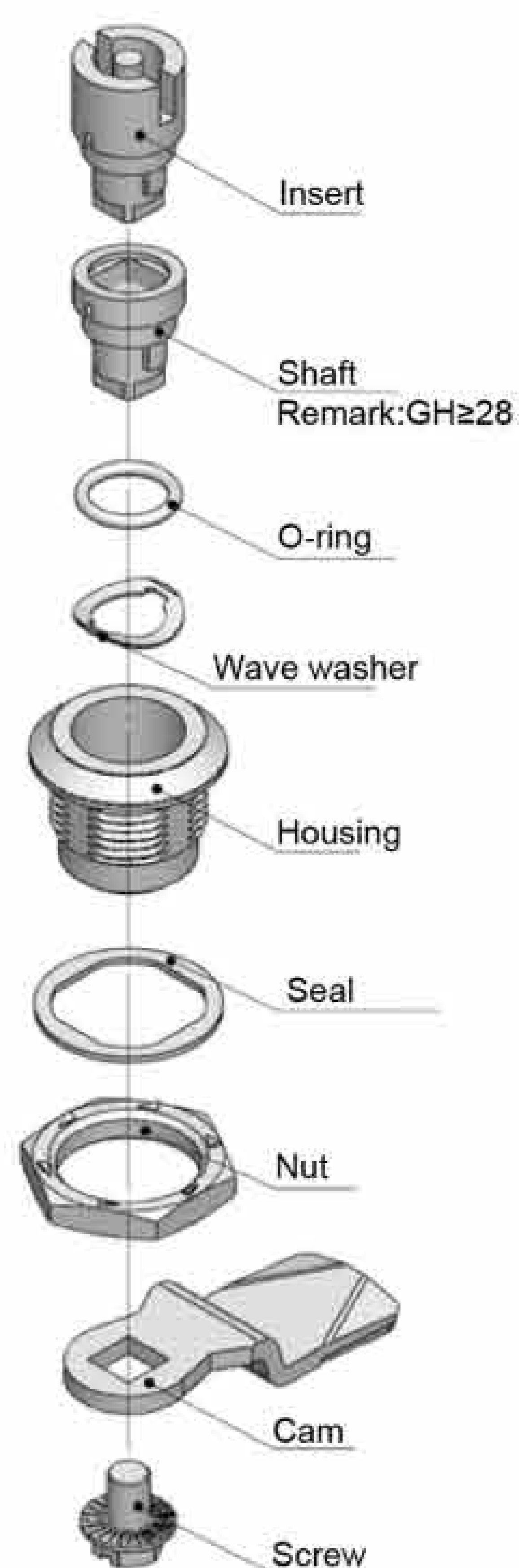
Remark: Hooked cam, Ra=360°, suit for push-pull type cabinet doors



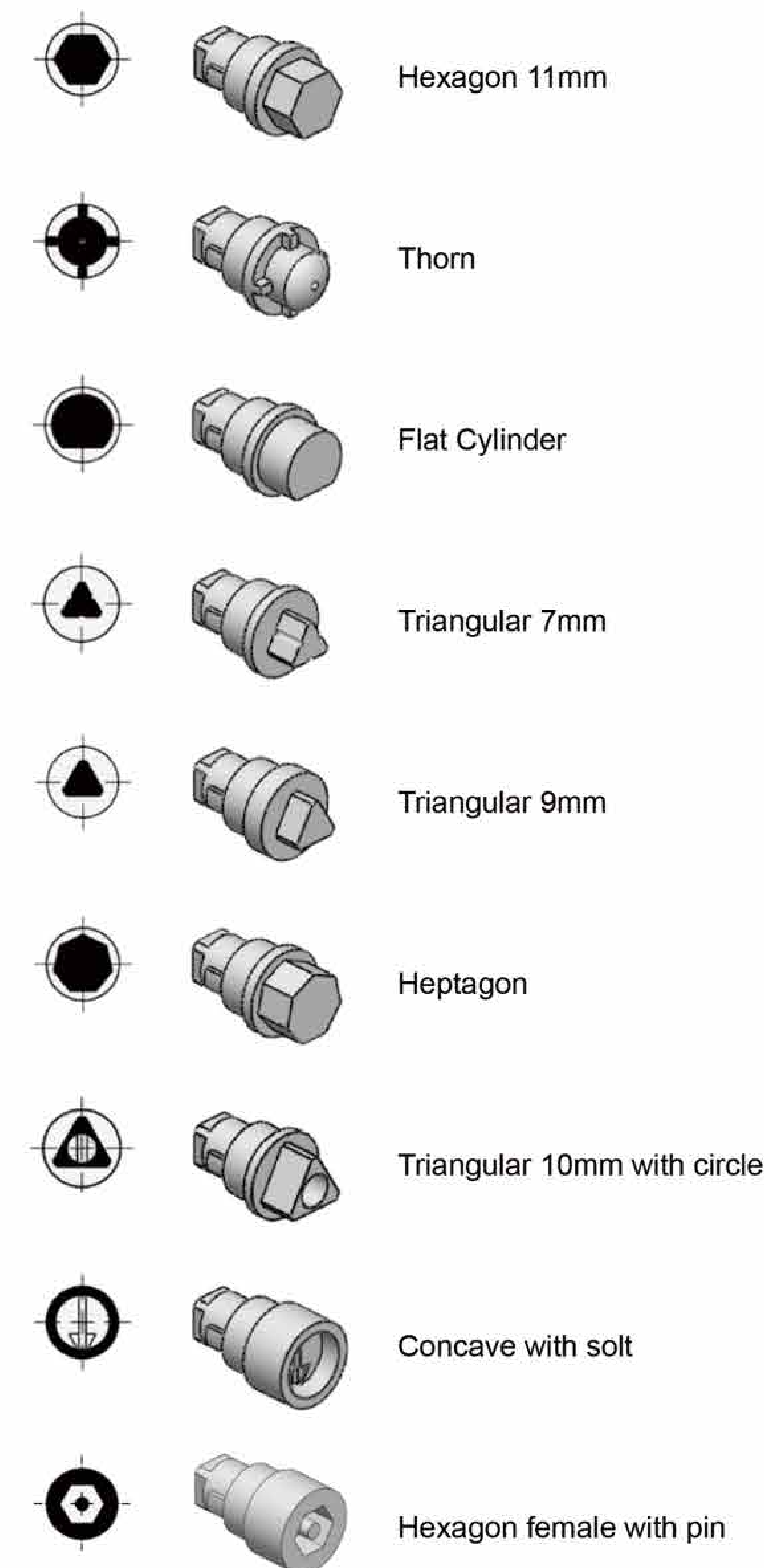
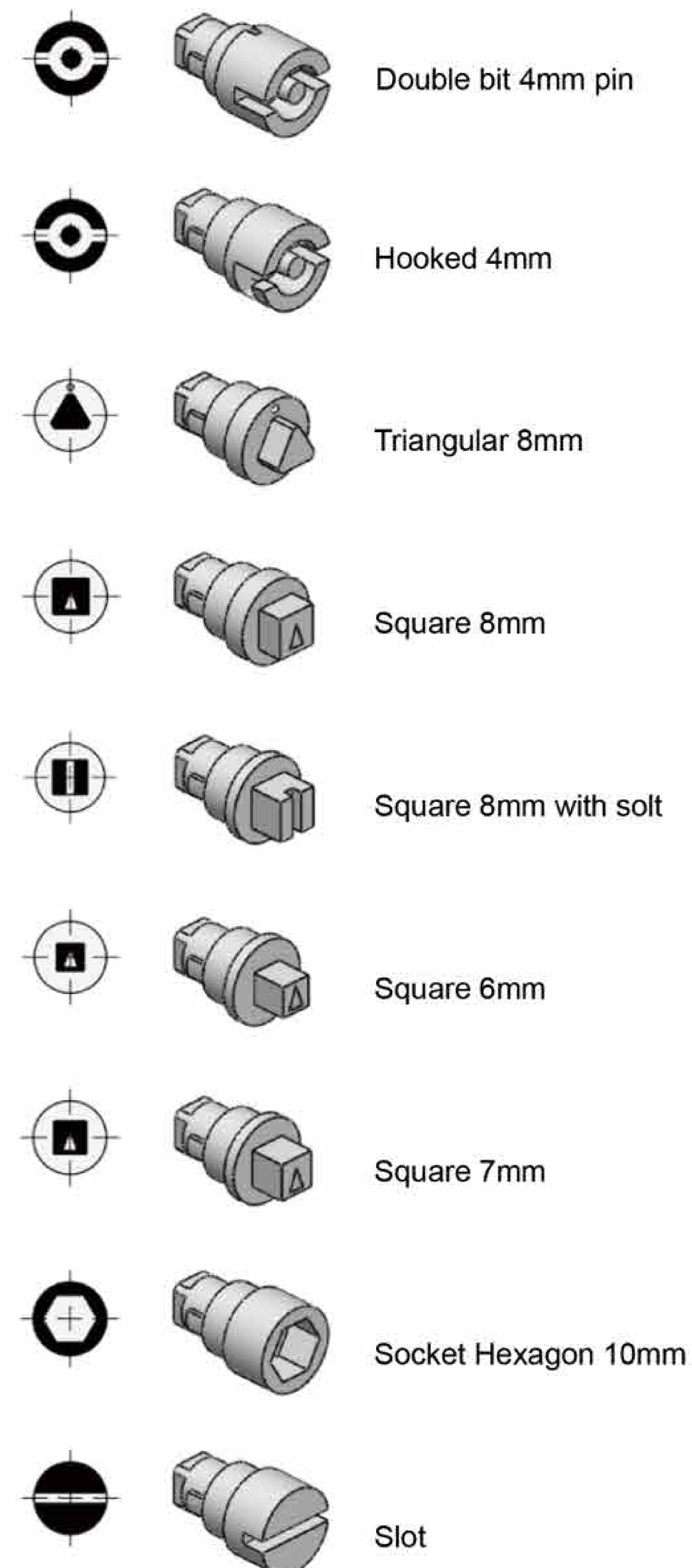
Assembling sketch



Exploded view



List of Inserts for ML100-1001



Lock

Hinge

Handle

Draw Latch

Door Stop

Slide

Lock Accessories

Gasket

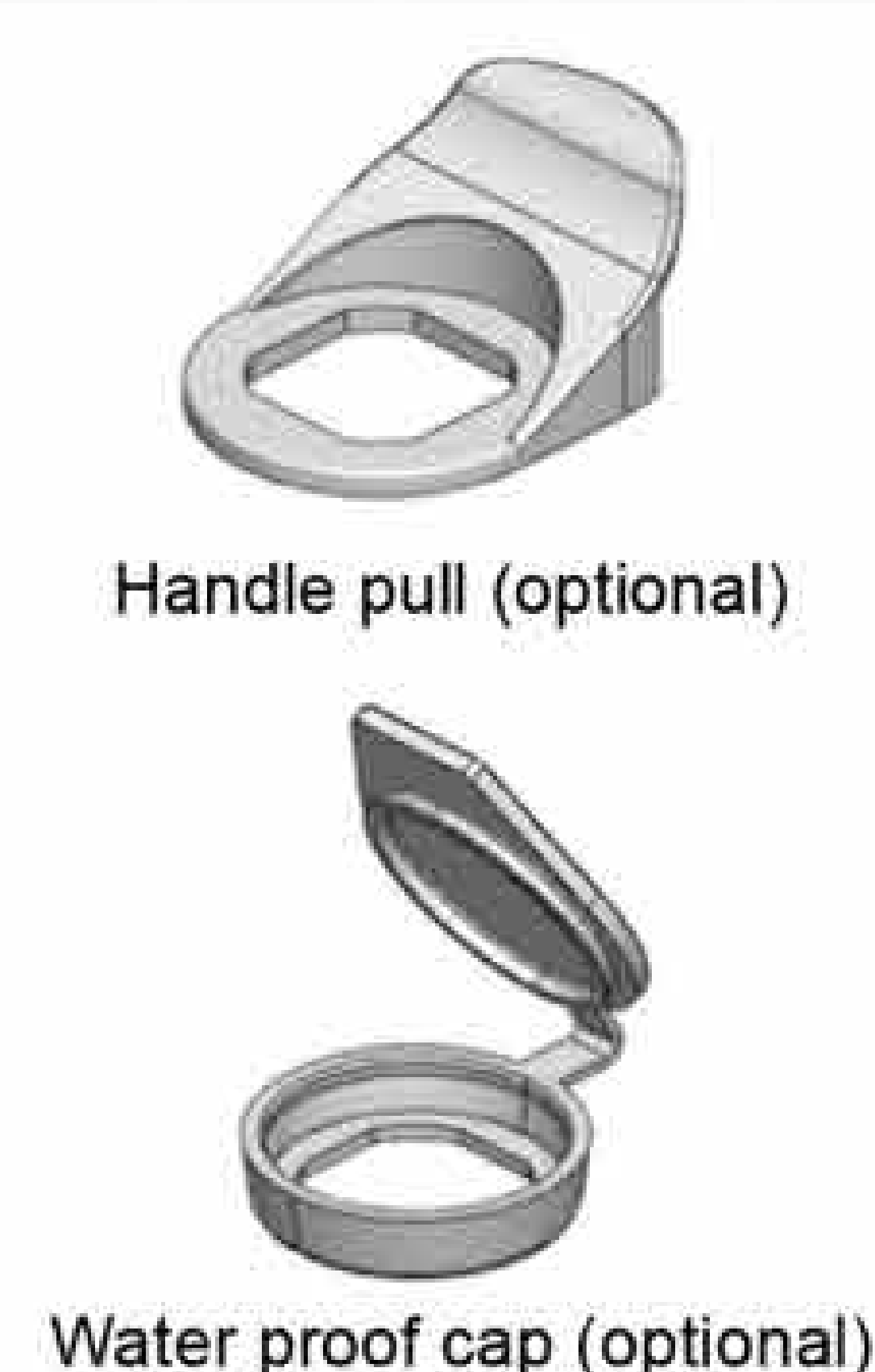
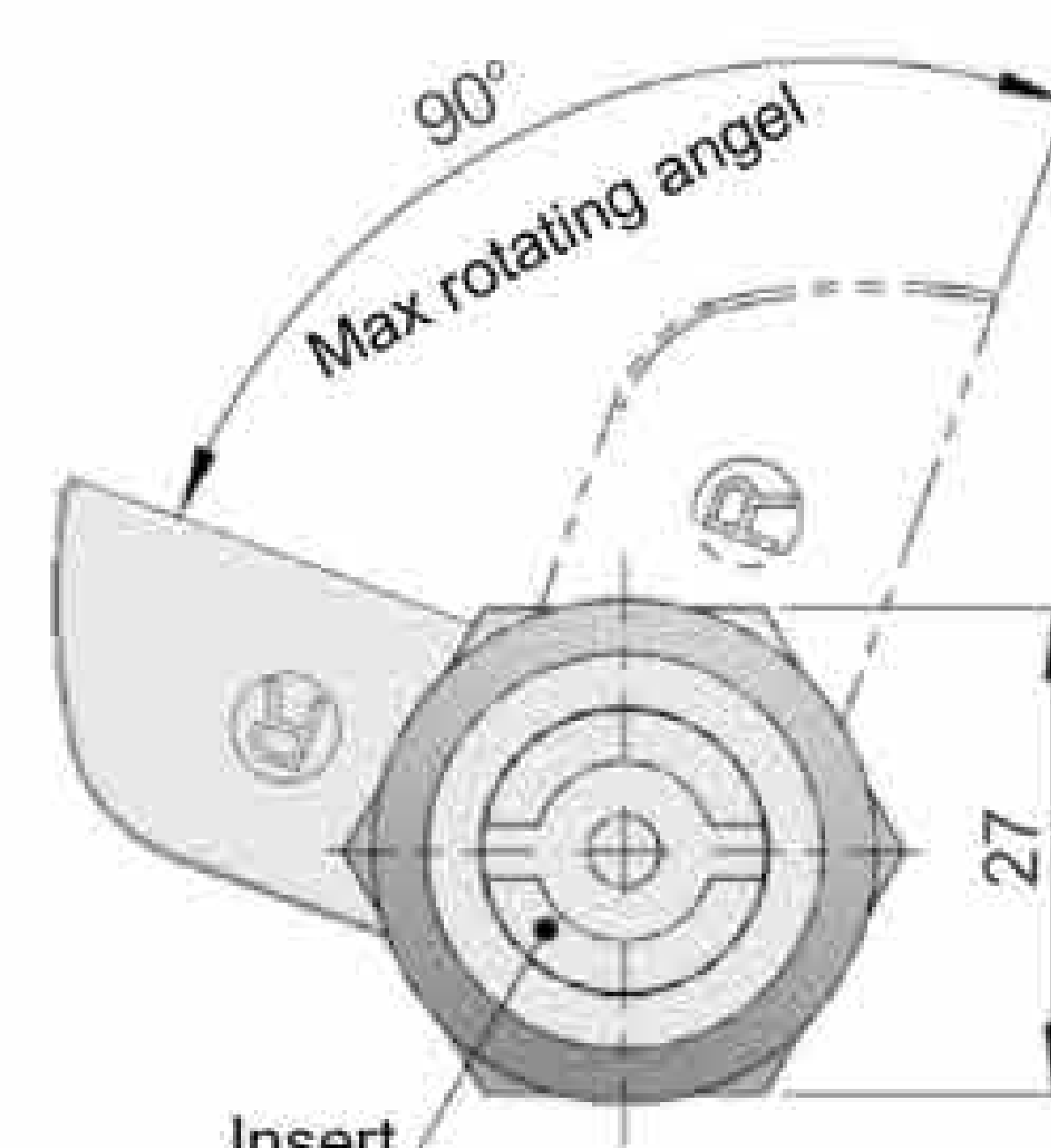
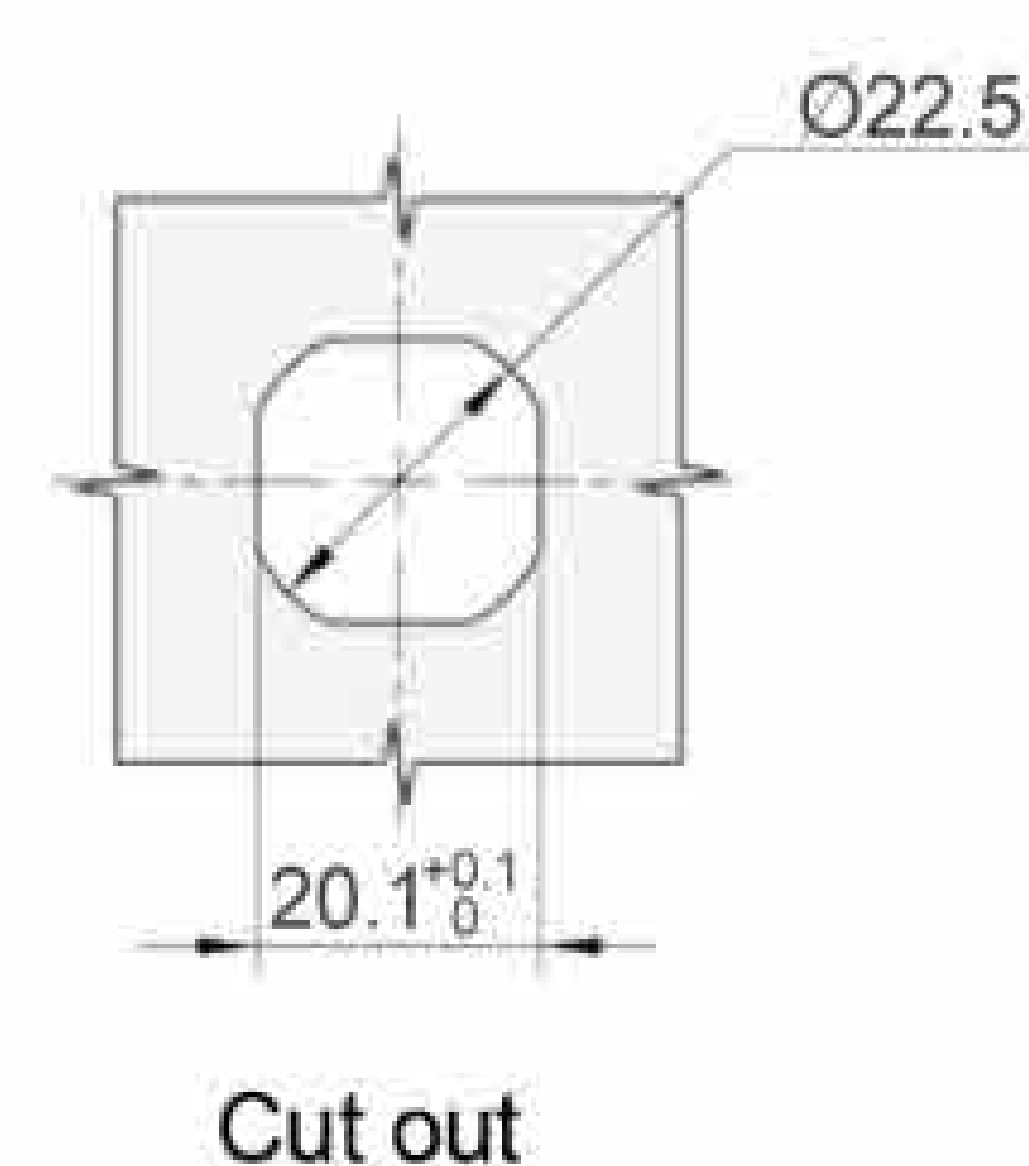
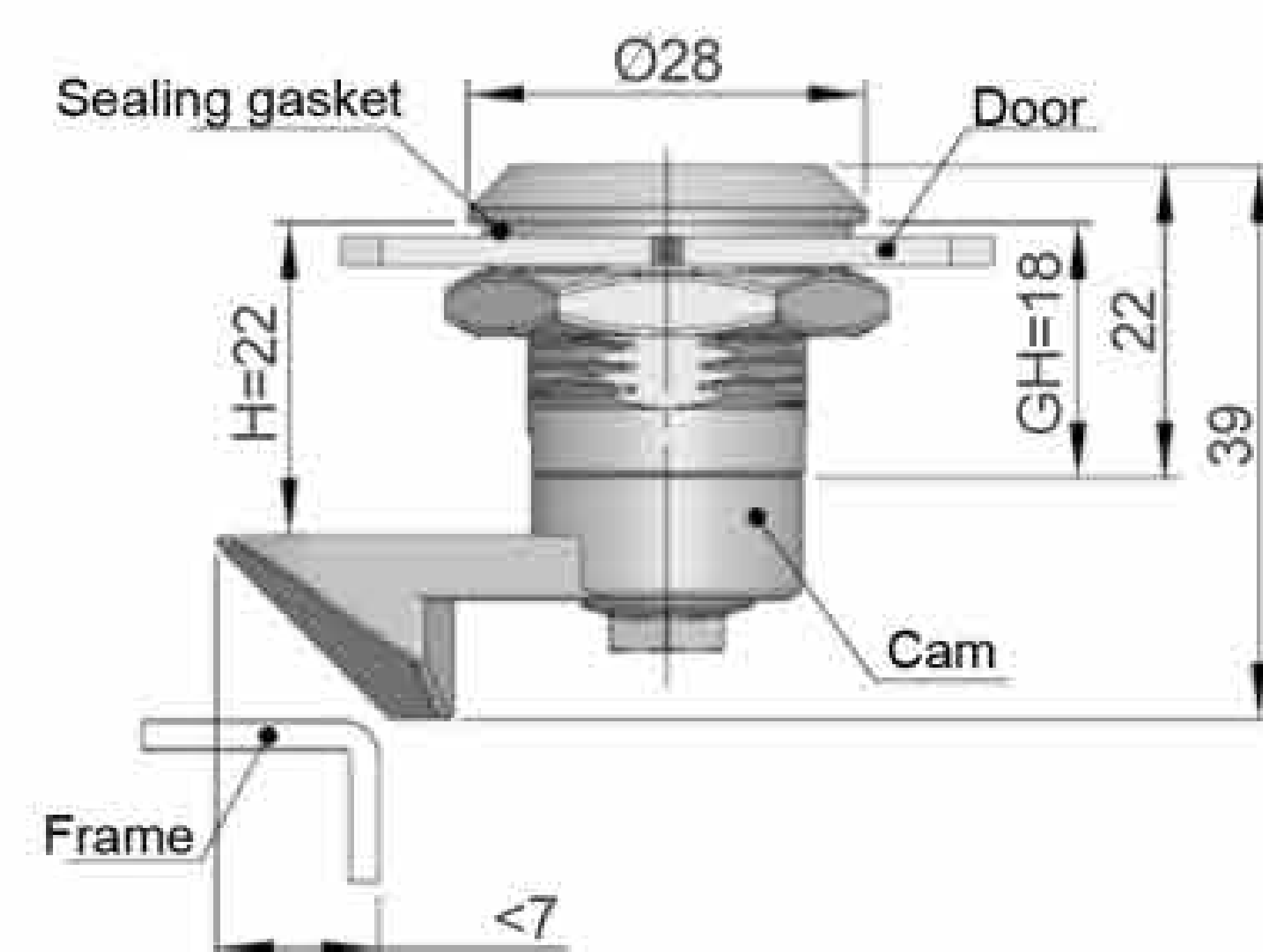
ML100-1002



RL

Main material and finish: Bright chrome ZDC housing, insert and cam
Application: Quarter turn opening or closing, auto locking function
Remark: Optional key K15 series

Performance parameter:
Maximum static load:270N
Recommended nut tightening torque:20N.m
Maximum input torque:9N.m



ML100-1003

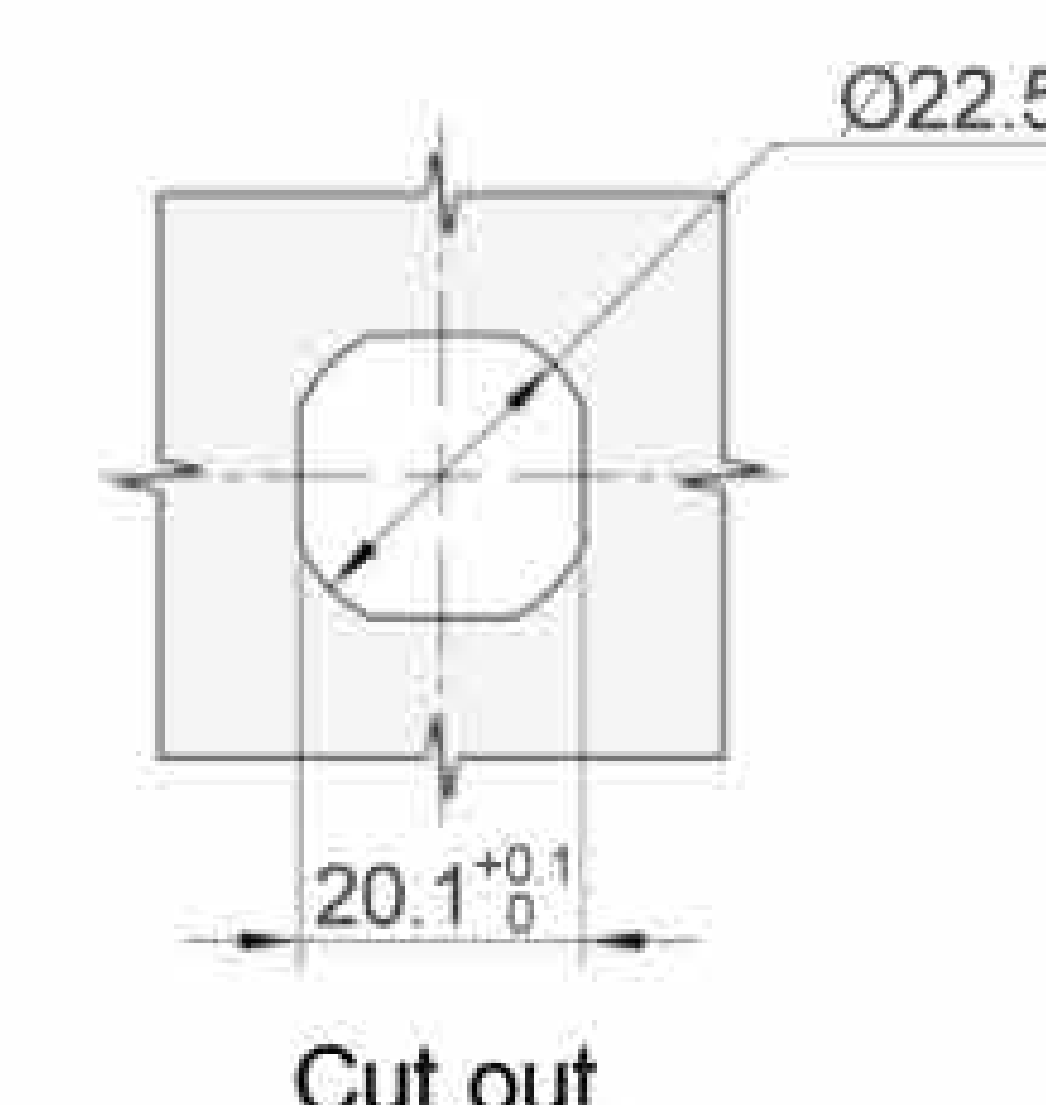
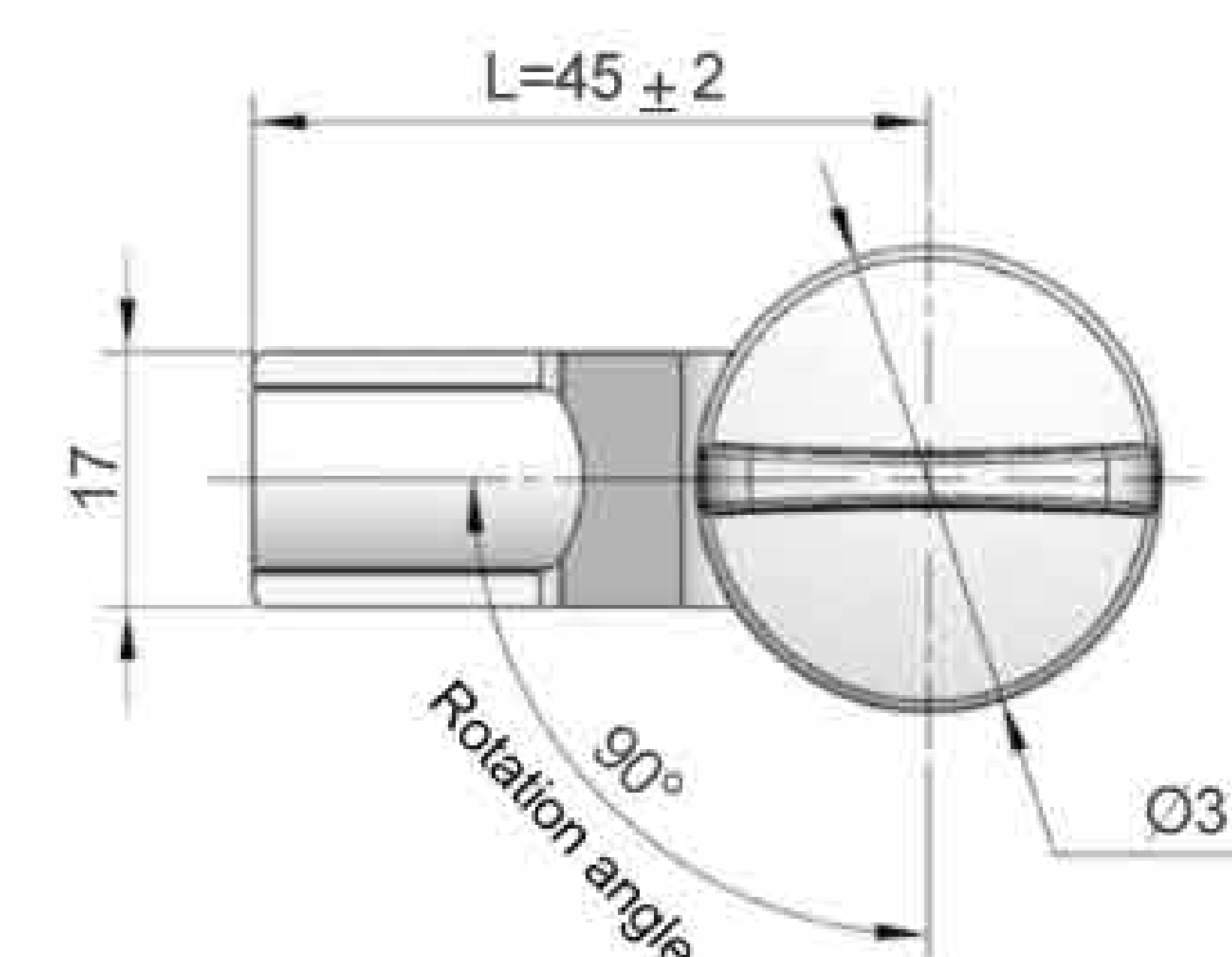
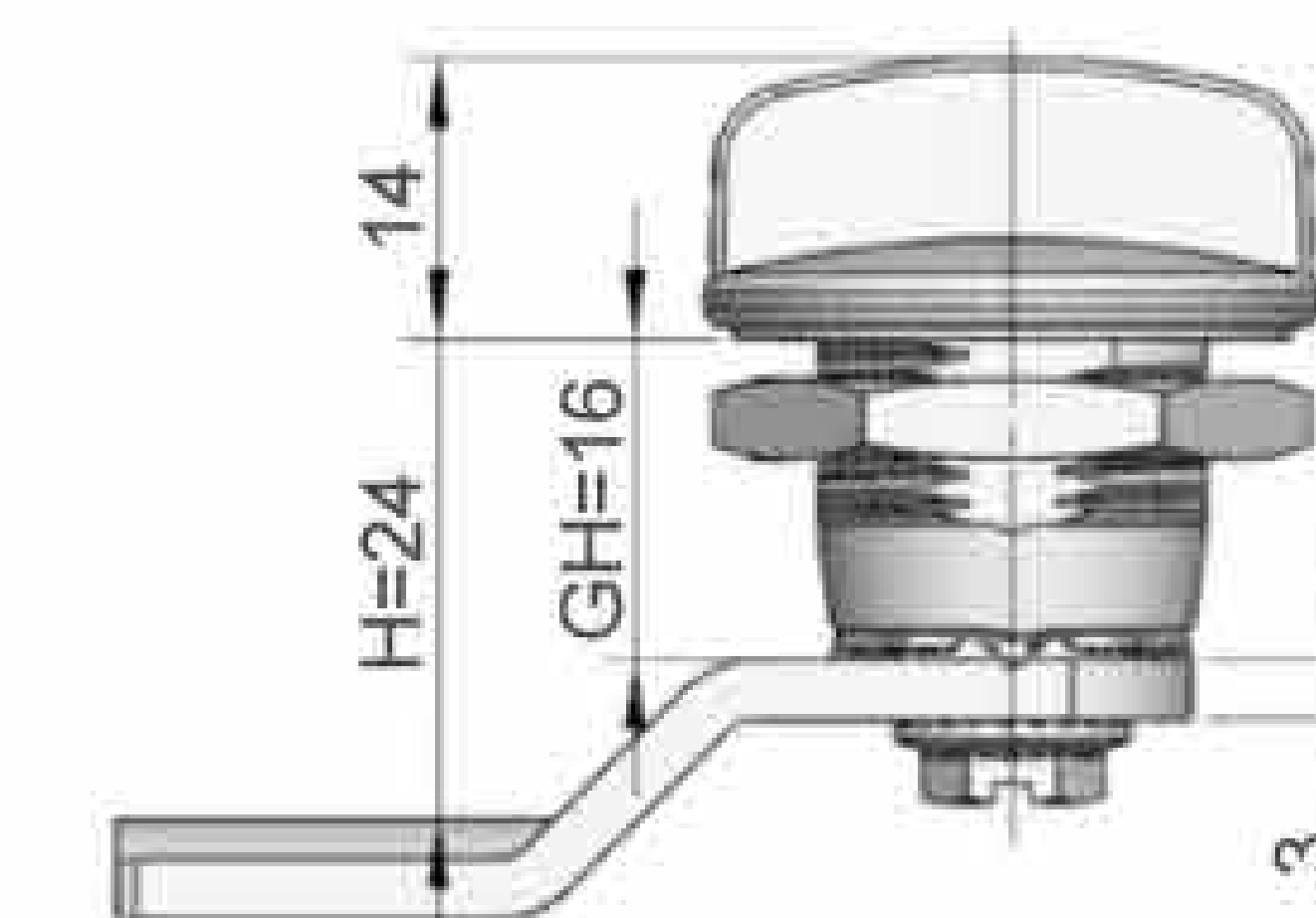
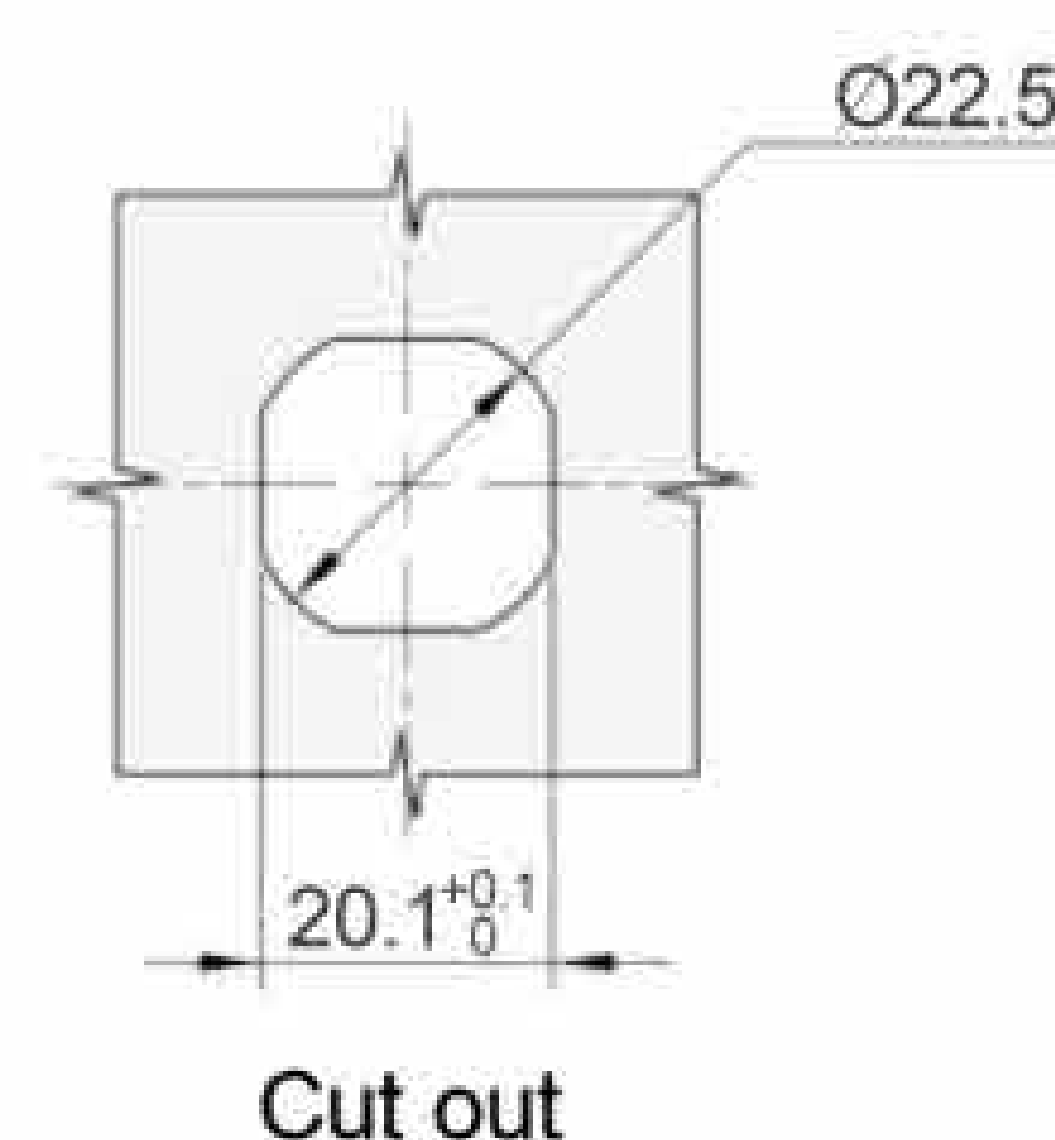
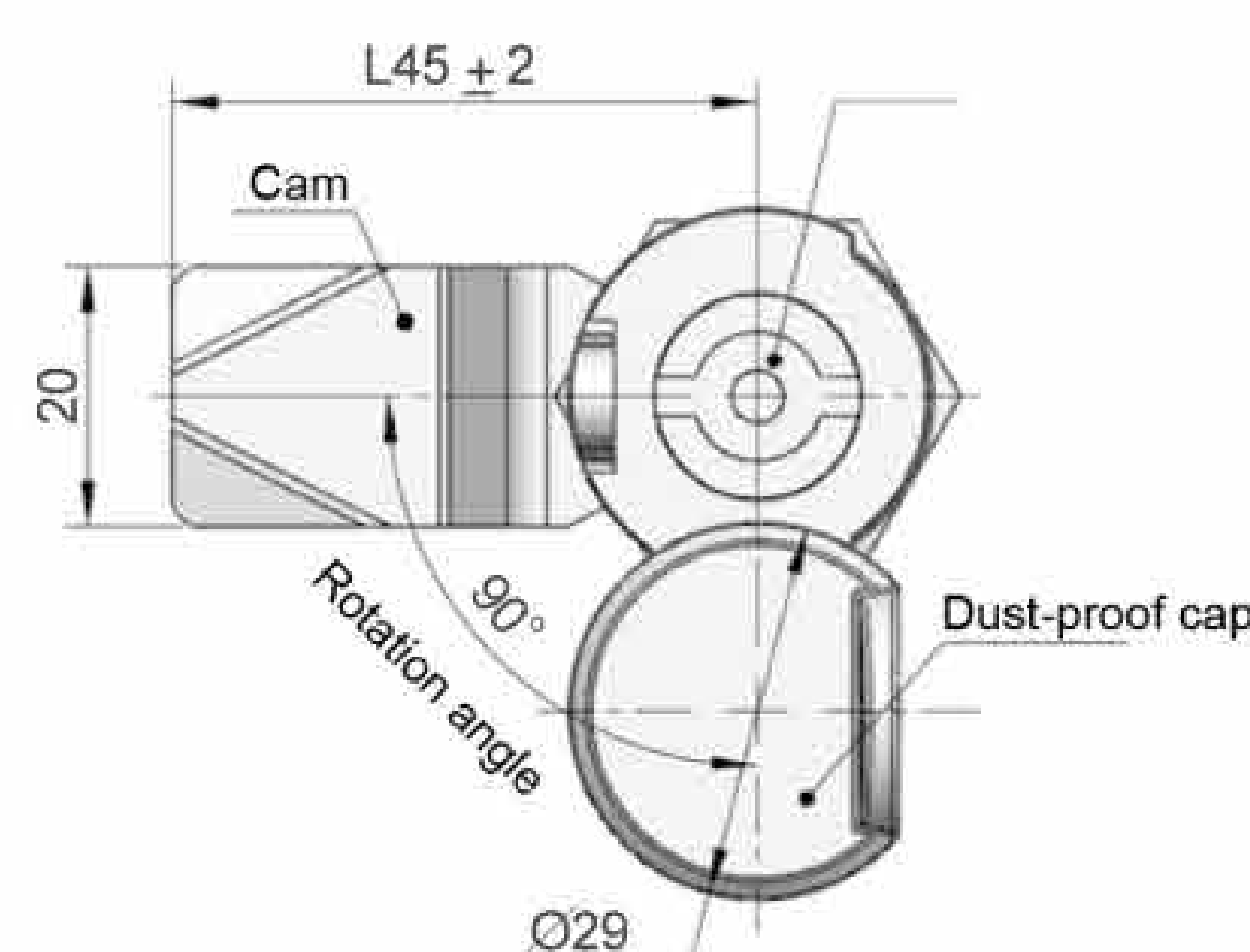
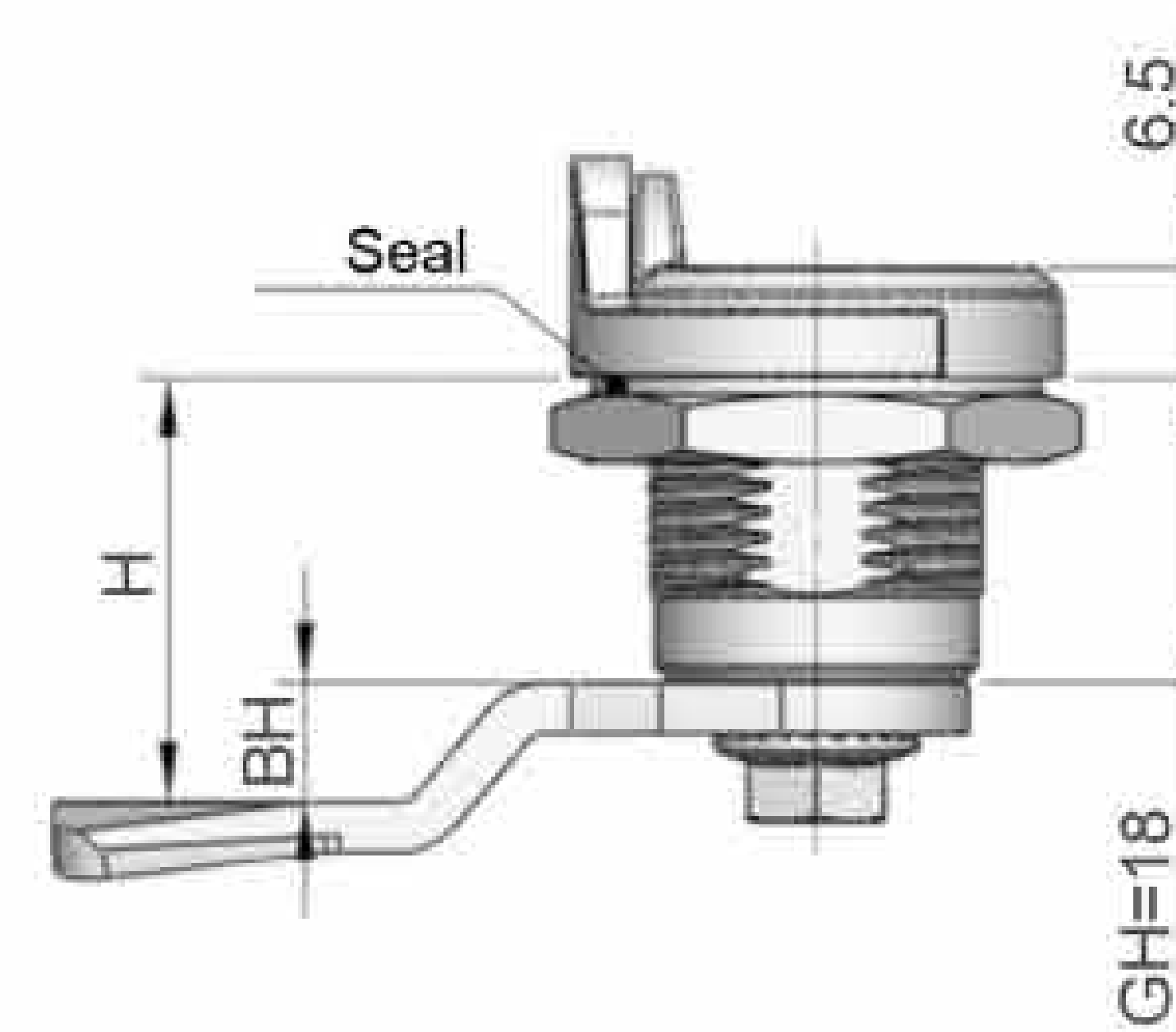


RL

Main material and finish : Sand-spray and bright chrome-plated ZDC housing, insert and dust-proof cap, white zinc-plated steel cam
Application : Quarter-turn opening or closing
Remark: Optional key K15 series

Default cam : S1B4500

Performance parameter:
Maximum static load:270N
Recommended nut tightening torque:20N.m
Maximum input torque:9N.m



ML100-1004



RL

Main material and finish: Bright chrome ZDC housing, black powder coated handle
Application : Quarter-turn opening or closing

Default cam : S1V4508

Performance parameter:
Maximum static load:270N
Recommended nut tightening torque:20N.m
Maximum input torque:9N.m

ML100-1005

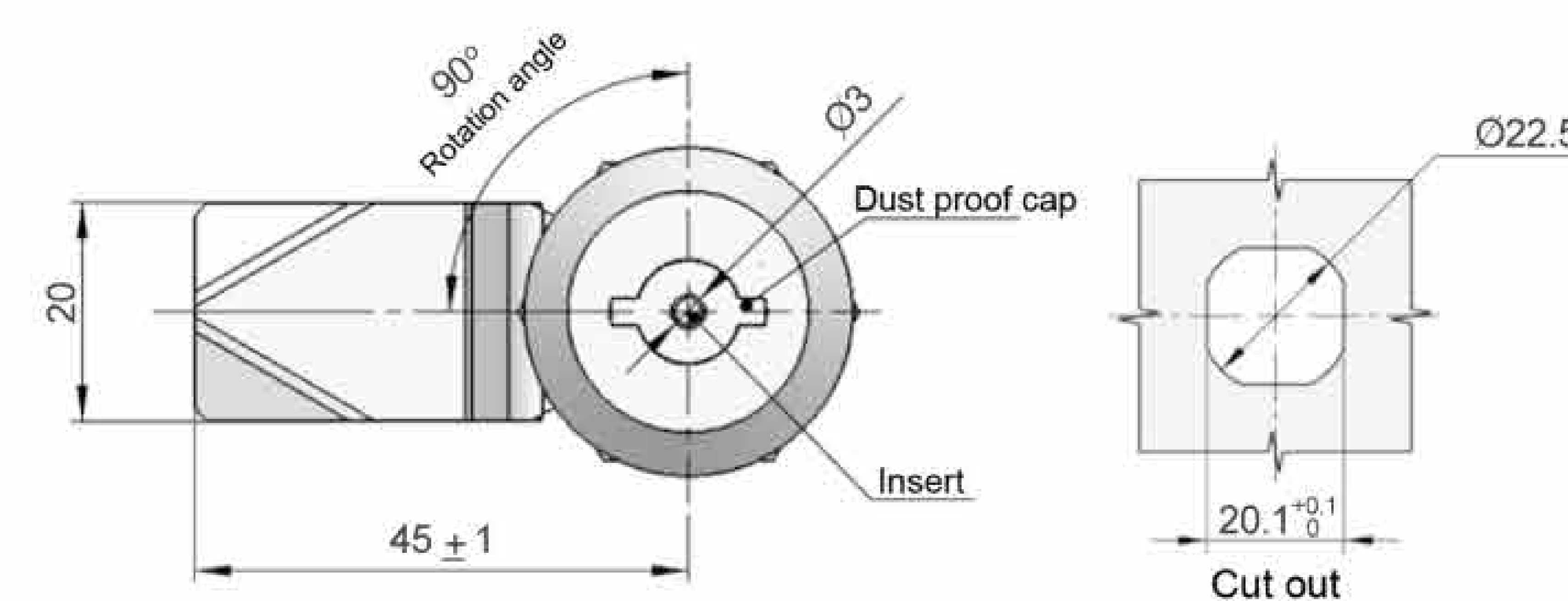
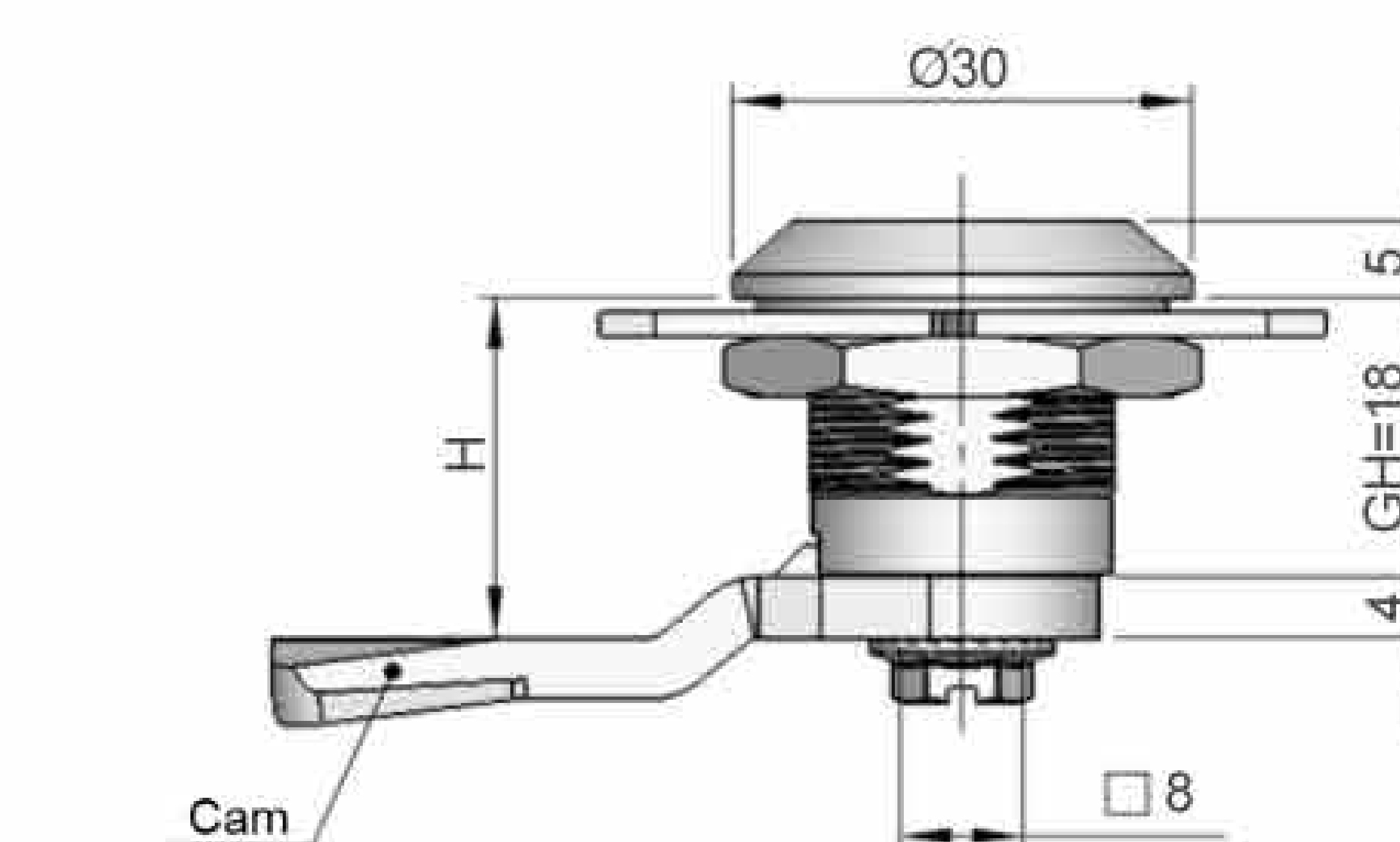


RL IP55

Main material and finish: Bright chrome plated ZDC housing, dust-proof cap and insert; white zinc plated ZDC nuts, white zinc plated steel cam and screw.
Remark: Default key K15 double bit key

Default cam : DS1B4500

Performance parameter:
Maximum static load:270N
Recommended nut tightening torque:20N.m
Maximum input torque:9N.m



Lock

Hinge

Handle

Draw Latch

Door Stop

Slide

Lock Accessories

Gasket

ML100-1006



IP65

Main material and finish :Stainless steel 316 housing,insert,cam,screw.Cam electrolysis

Application:Quarter-turn opening or closing

Remark:Cam is optional.

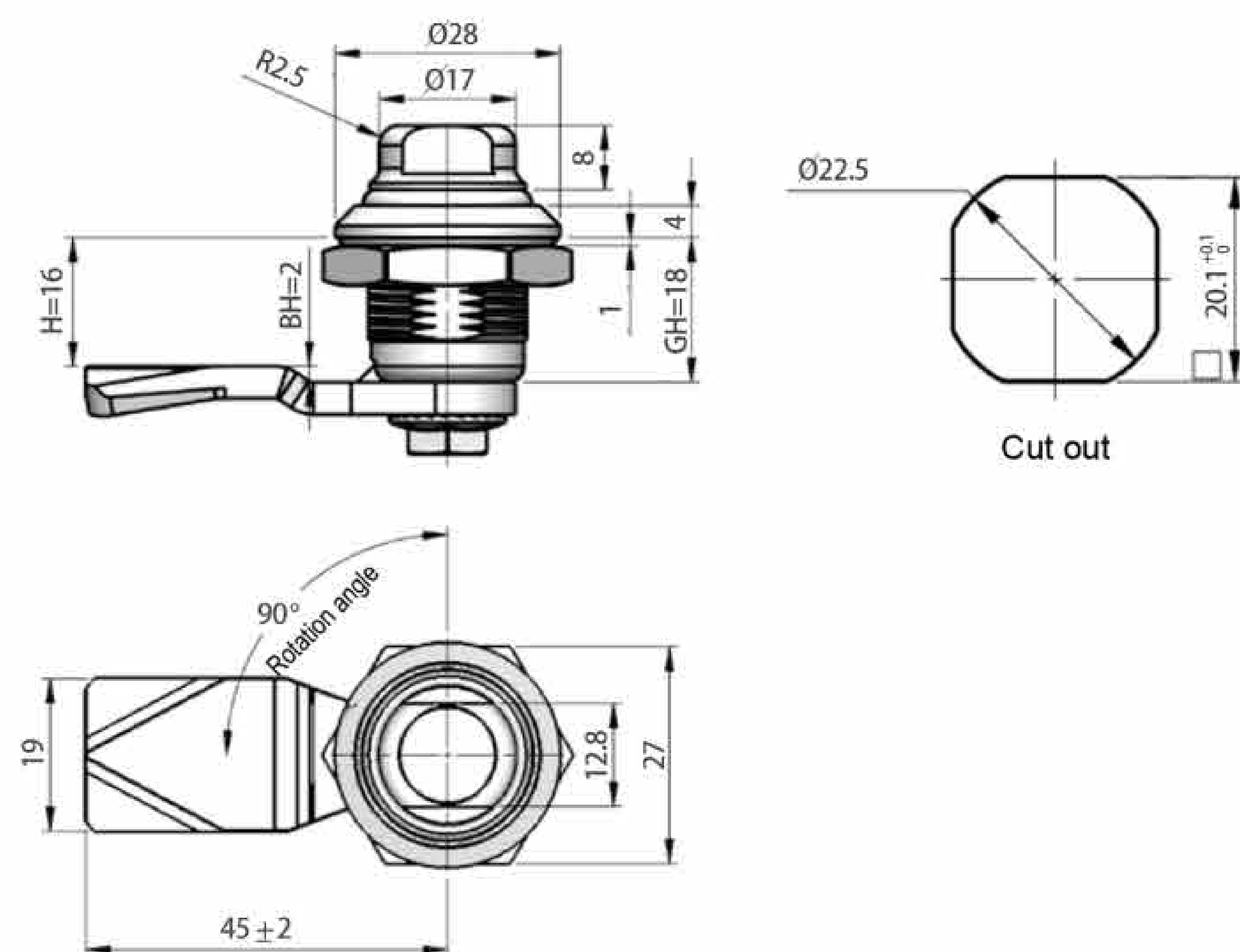
Performance parameter:

Insert rotation torque:0.5N.m-2.5N.m

Cam load capability:300N.

Maximum input torque:9N.m

Recommended nut tightening torque:20N.m



ML100-1007



RL

Main material and finish : Black powder coated ZDC housing, white zinc-plated steel cam

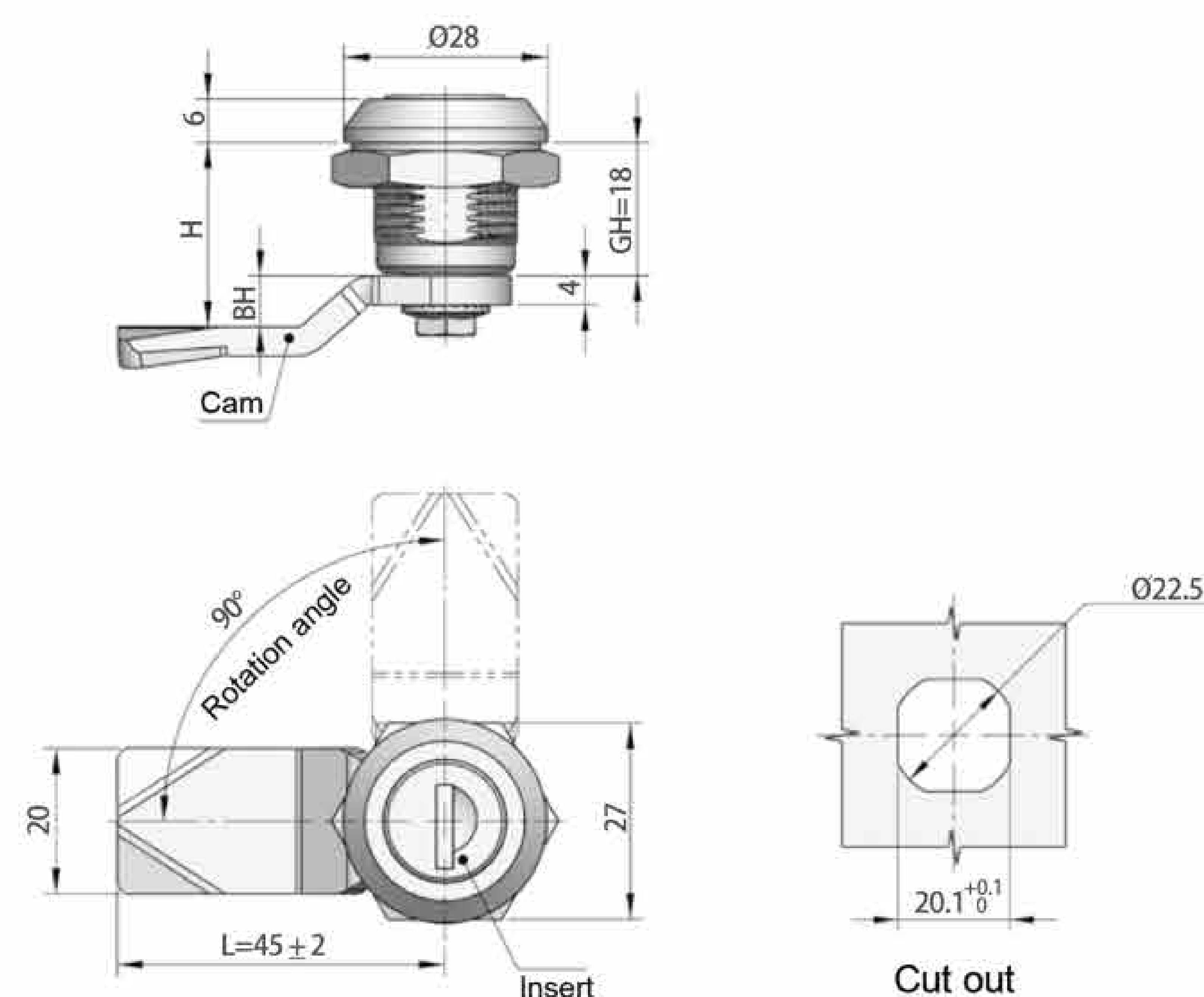
Application : Quarter-turn opening or closing

Remark: Default key K140

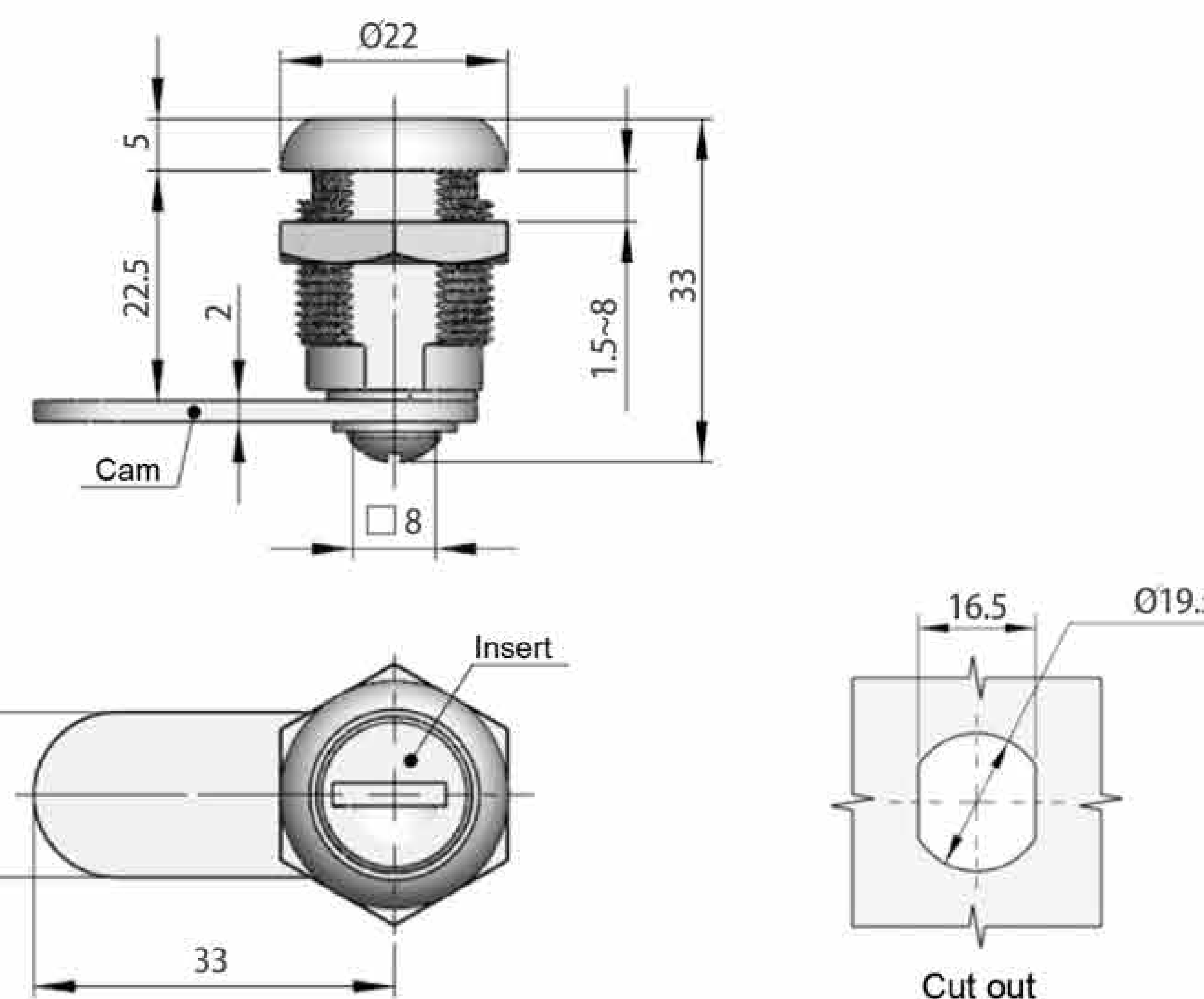
Performance parameter:

Maximum static load:220N

Recommended nut tightening torque:20N.m



Default cam: S1B4507 T=4 (cut out 8x8)



ML100-1008



RL

Main material and finish: Bright chrome-plated ZDC housing and insert, white zinc-plated steel cam

Application: Quarter-turn opening or closing

Remark: Default key K430

Default cam : S1B3300

Performance parameter:

Maximum static load:220N

Recommended nut tightening torque:20N.m

ML100-1009



RL IP54

Main material and finish: Bright chrome-plated ZDC housing and insert, white zinc-plated steel cam

Application: Quarter-turn opening or closing

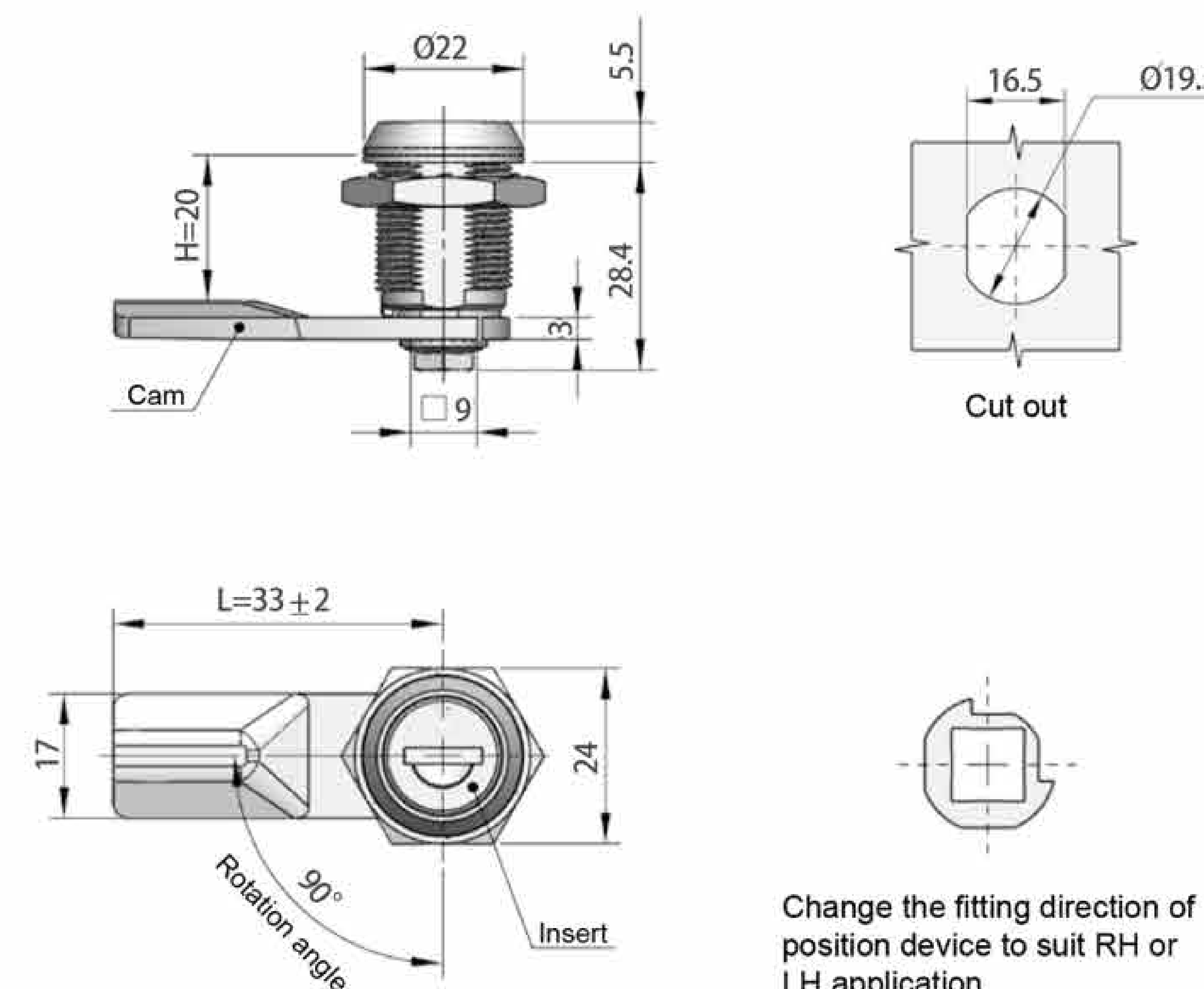
Remark: Default key K160

Default cam : S1V33N02

Performance parameter:

Maximum static load:230N

Recommended nut tightening torque:20N.m



Change the fitting direction of position device to suit RH or LH application

Lock

Hinge

Handle

Draw Latch

Door Stop

Slide

Lock Accessories

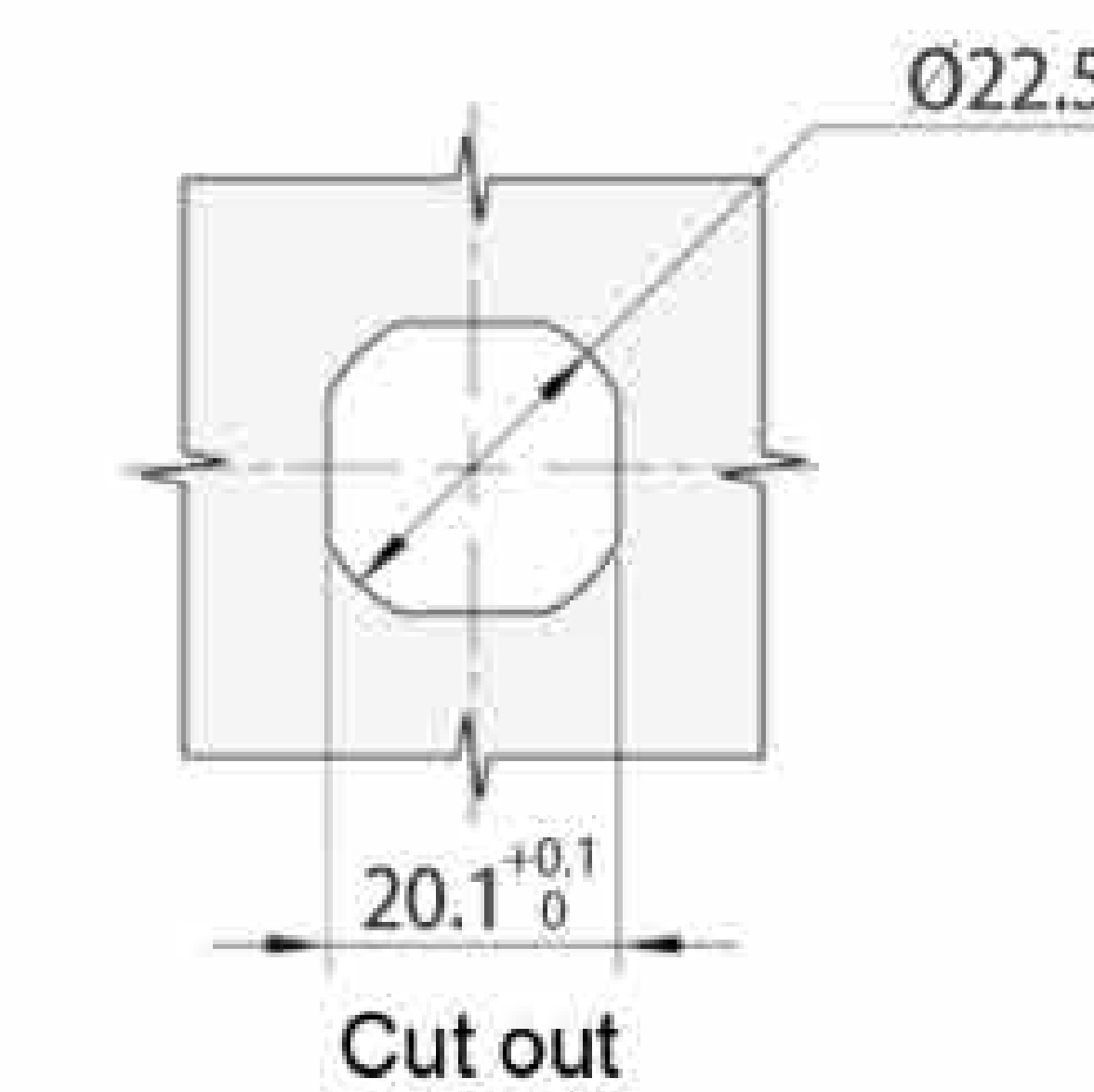
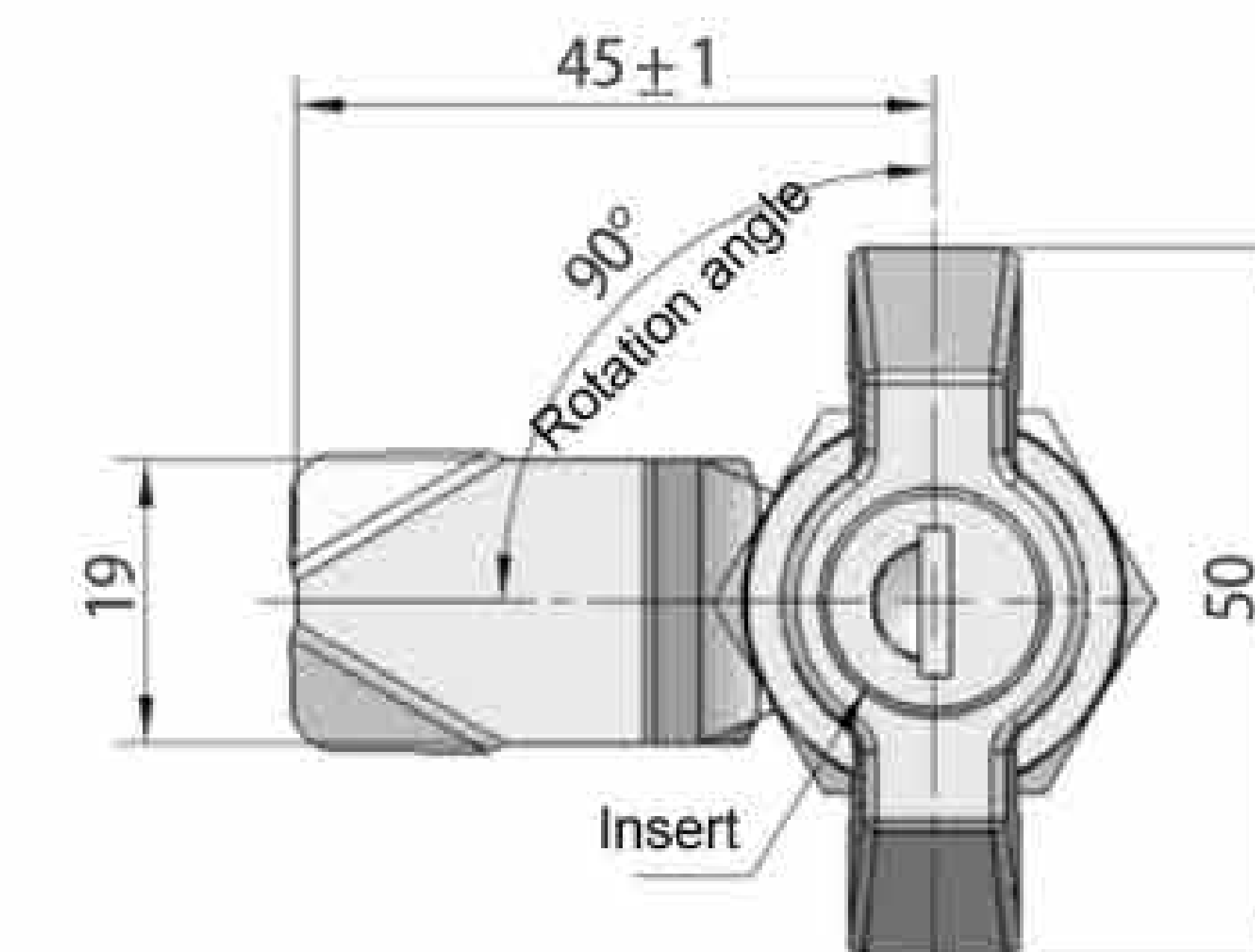
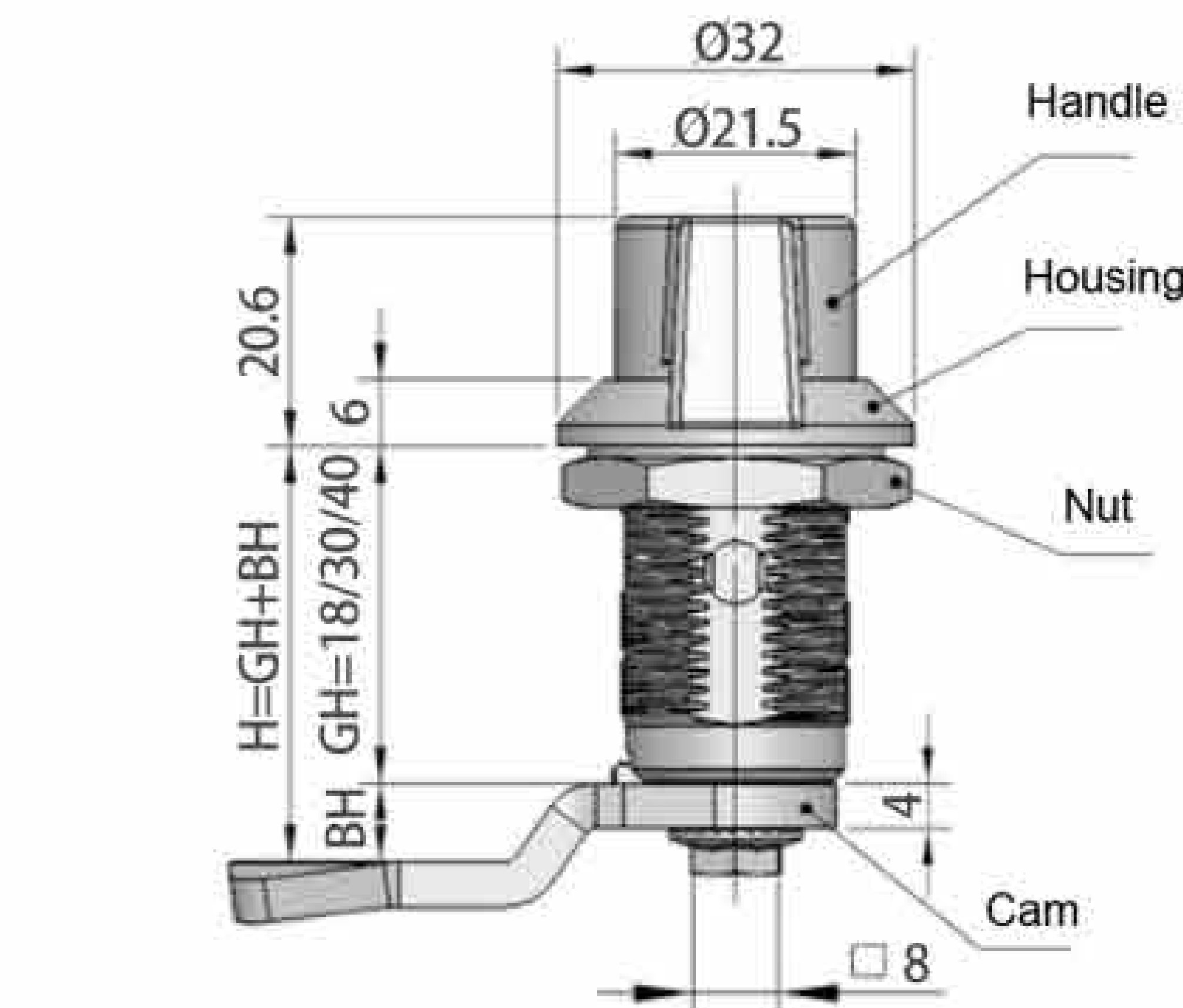
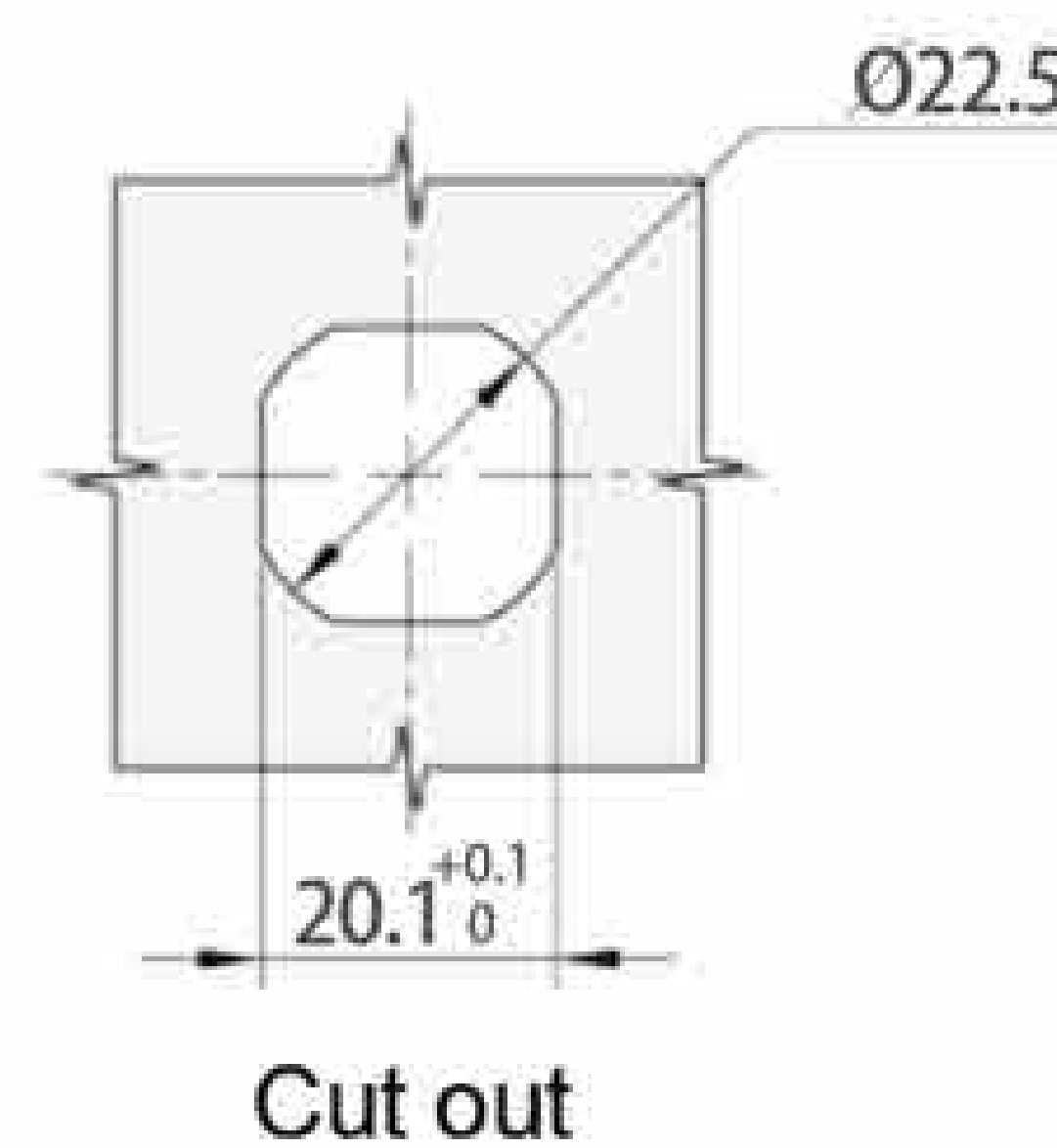
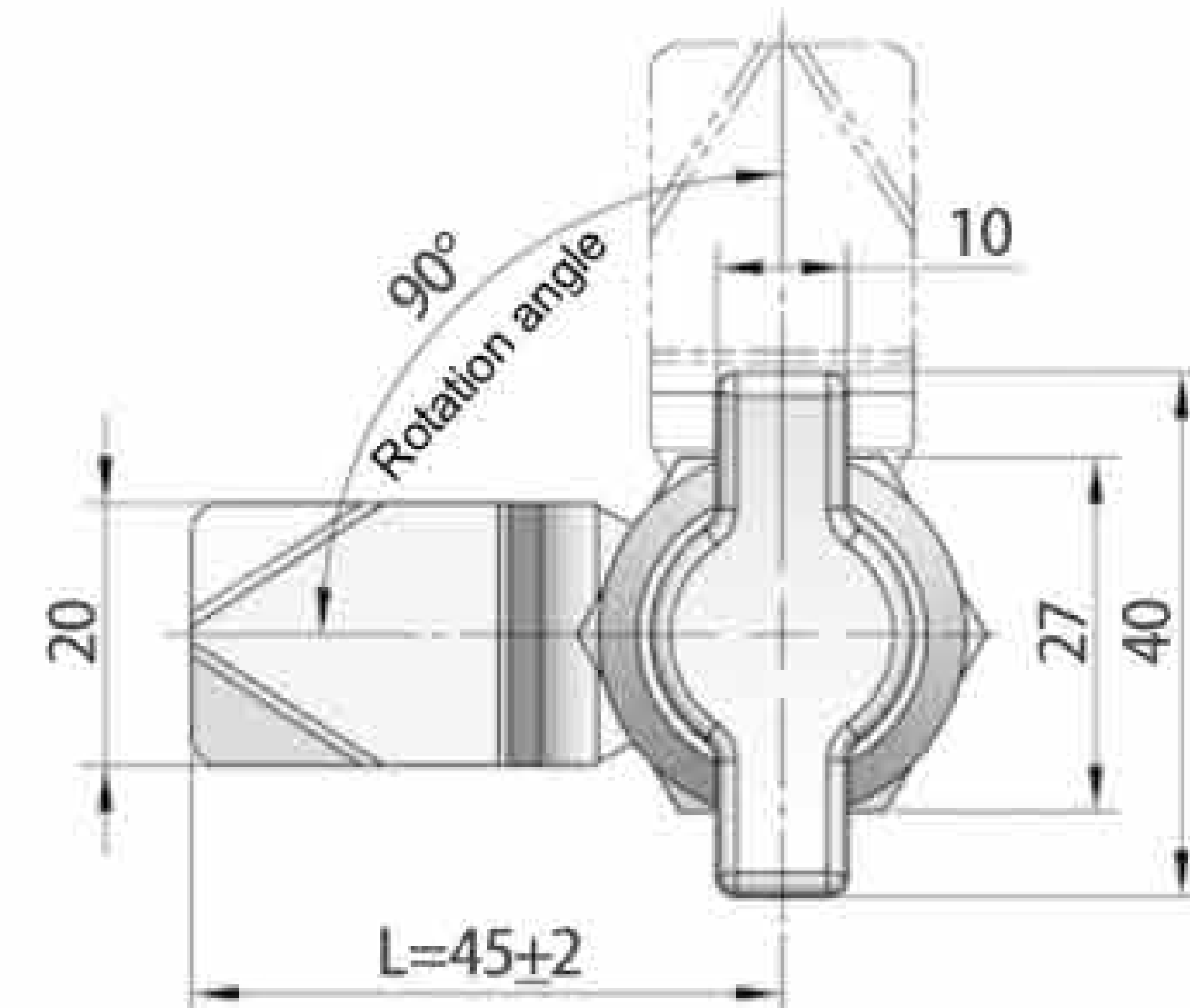
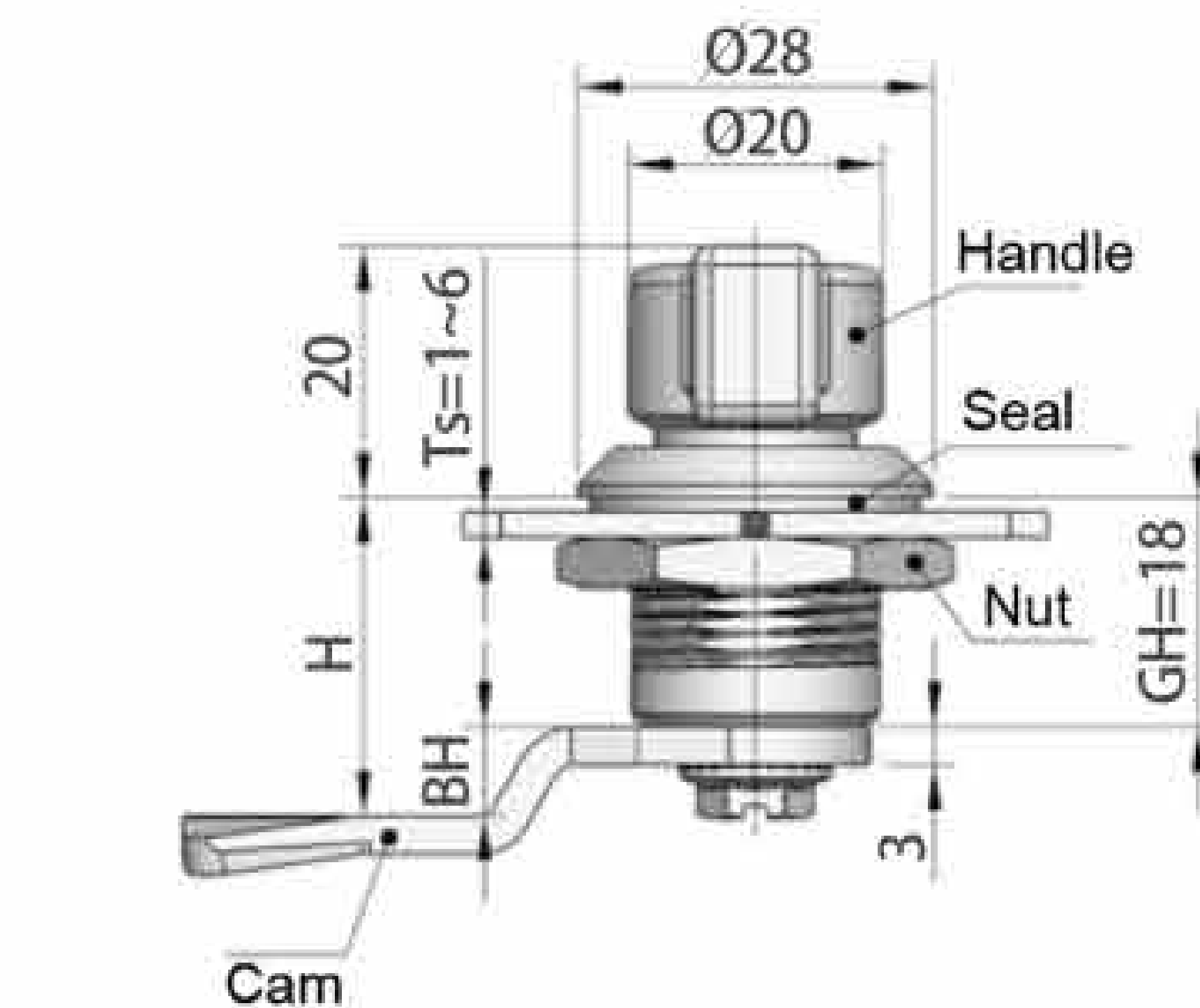
Gasket

ML100-1010


RL **IP54**

Main material and finish : Black powder coated ZDC housing or PA housing, PA handle, white zinc plated steel cam
Application : Quarter-turn opening or closing

Maximum static load:220N
Recommended nut tightening torque:20N.m
Maximum input torque:9N.m



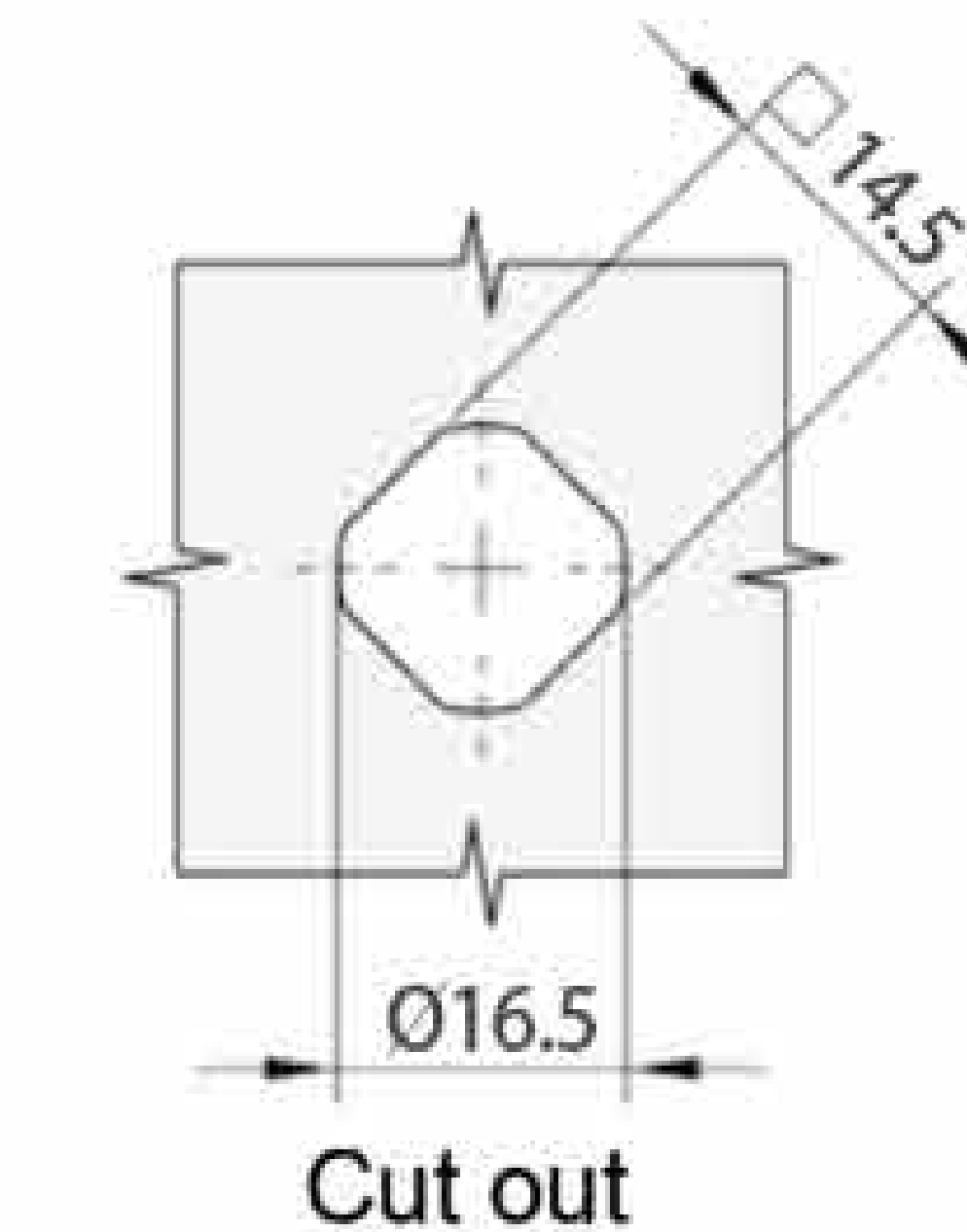
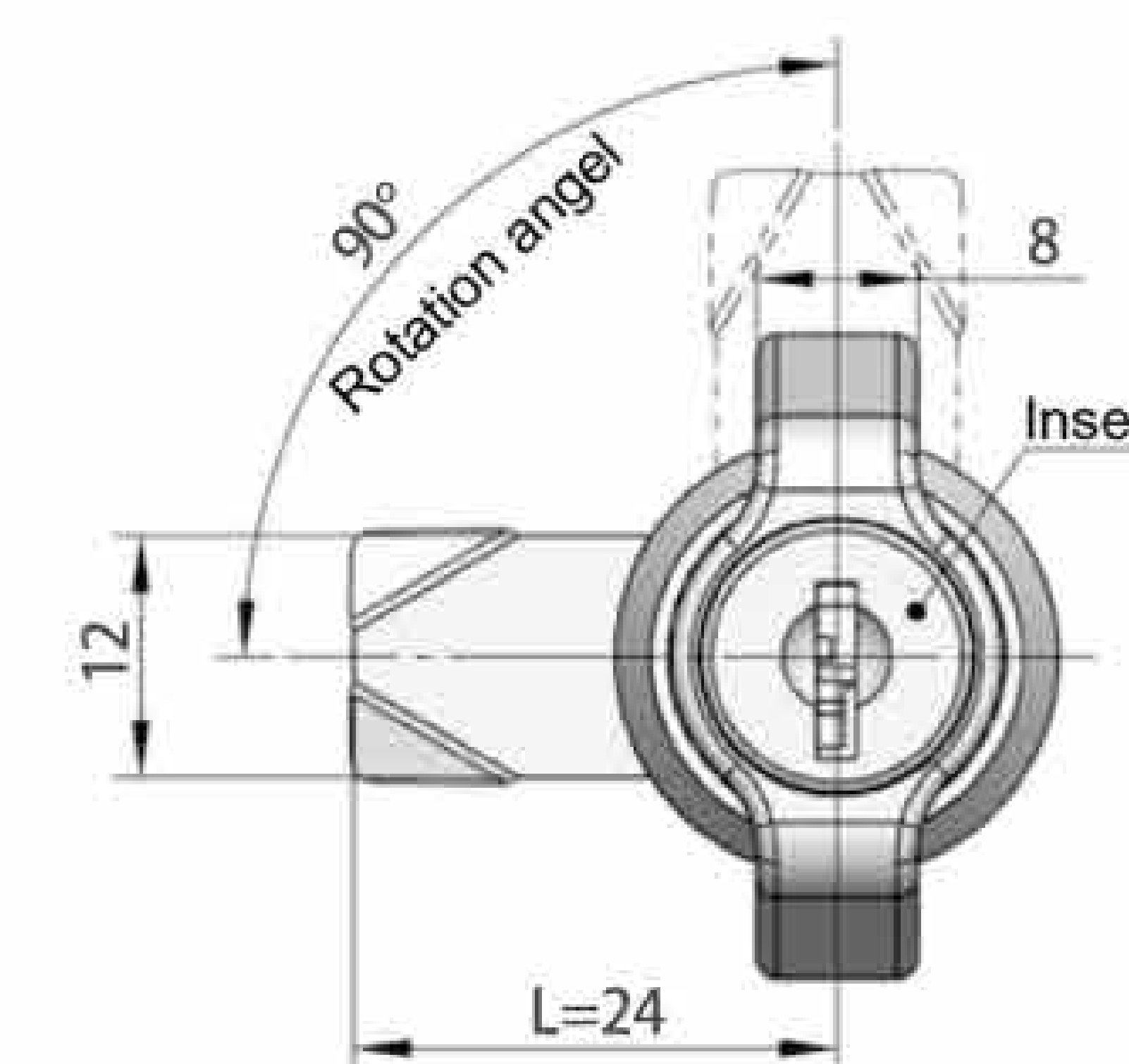
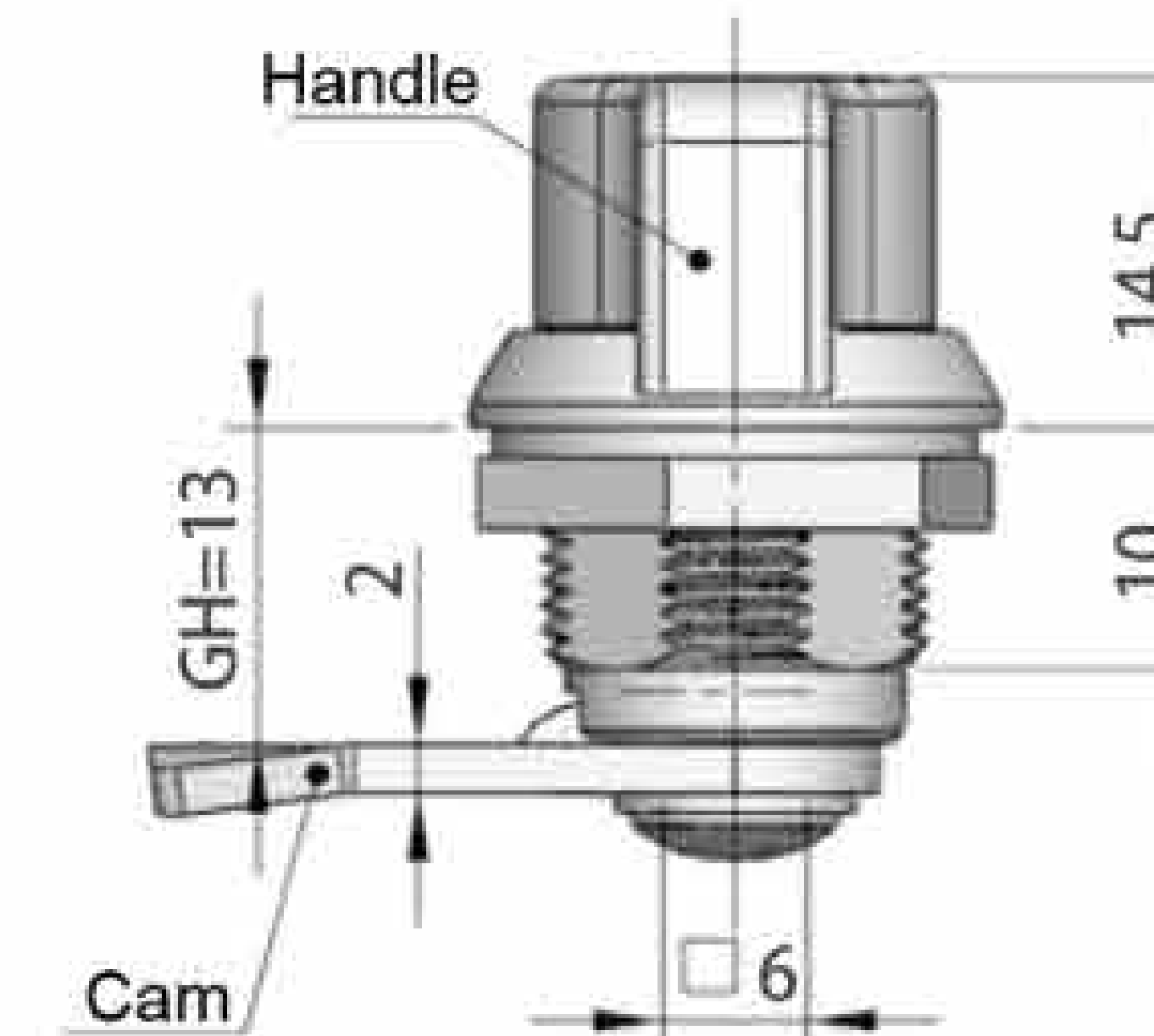
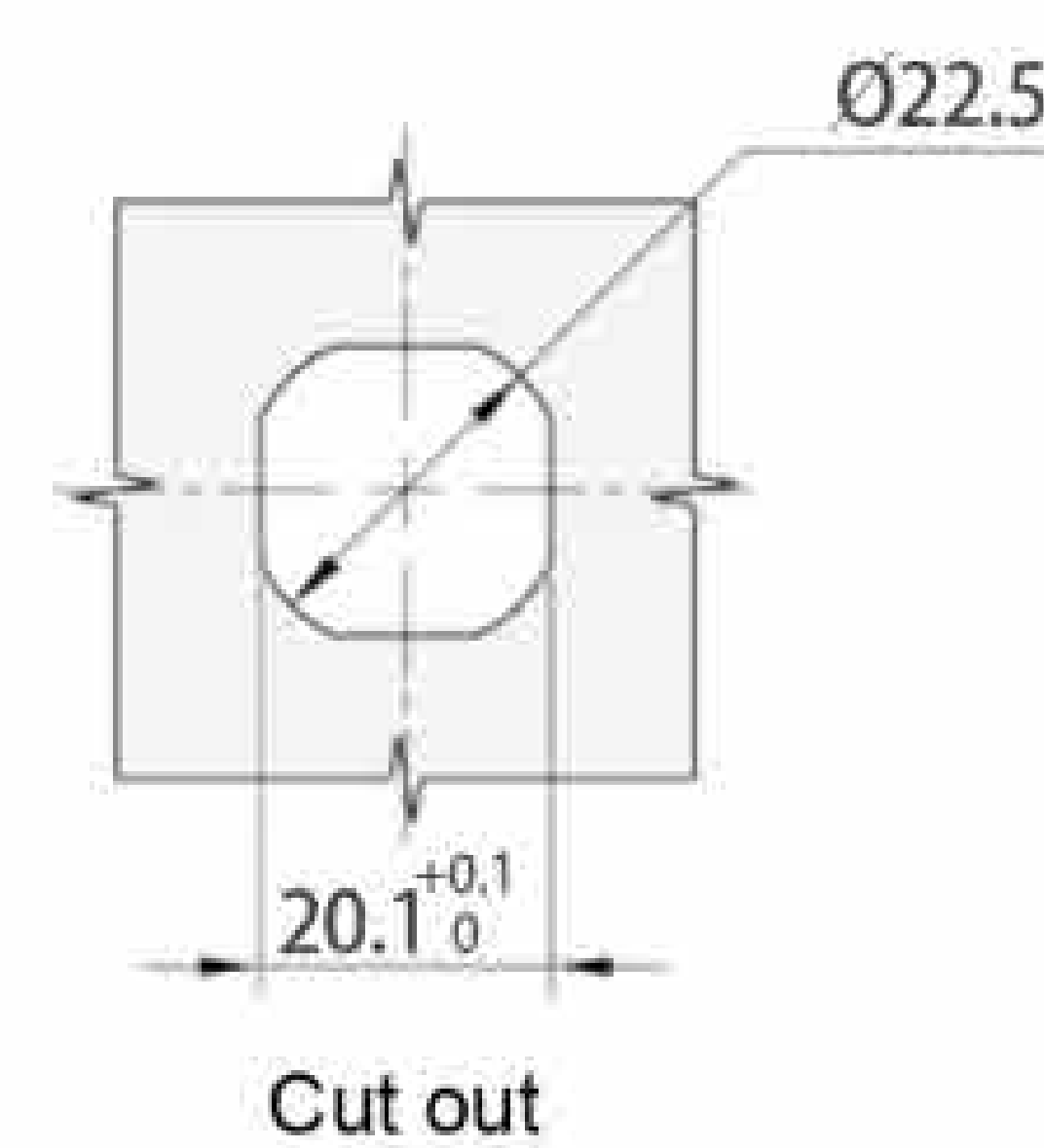
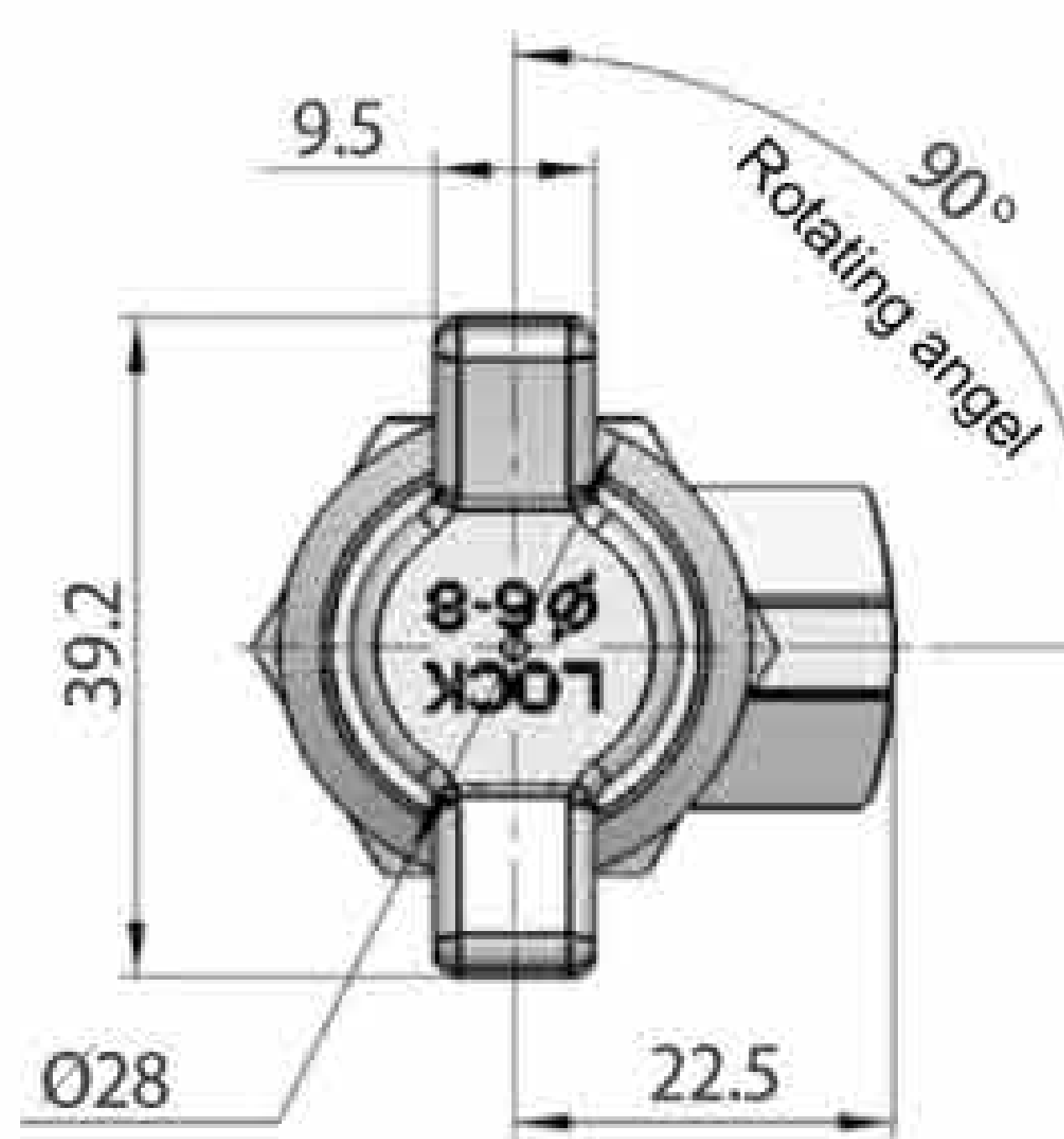
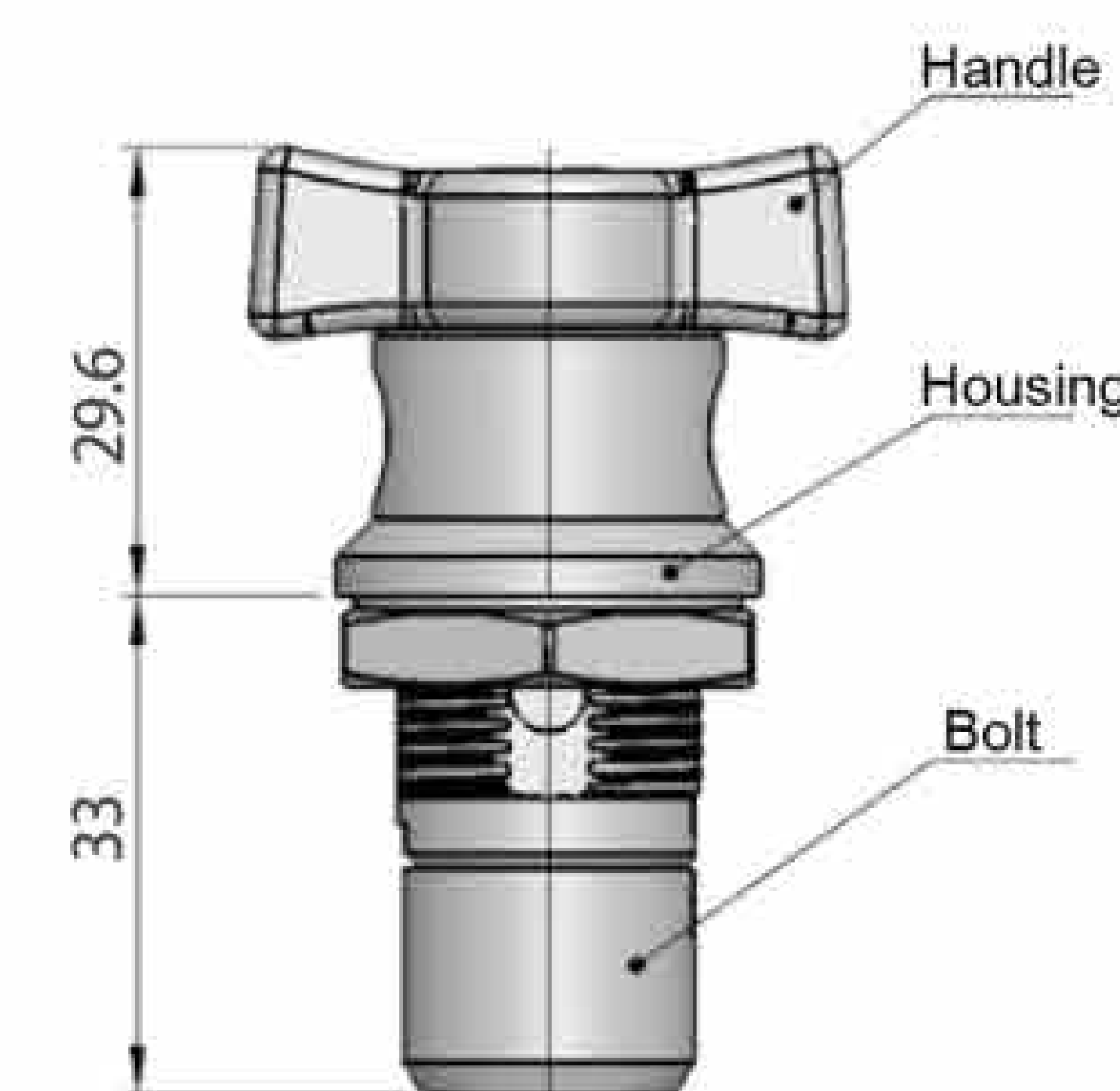
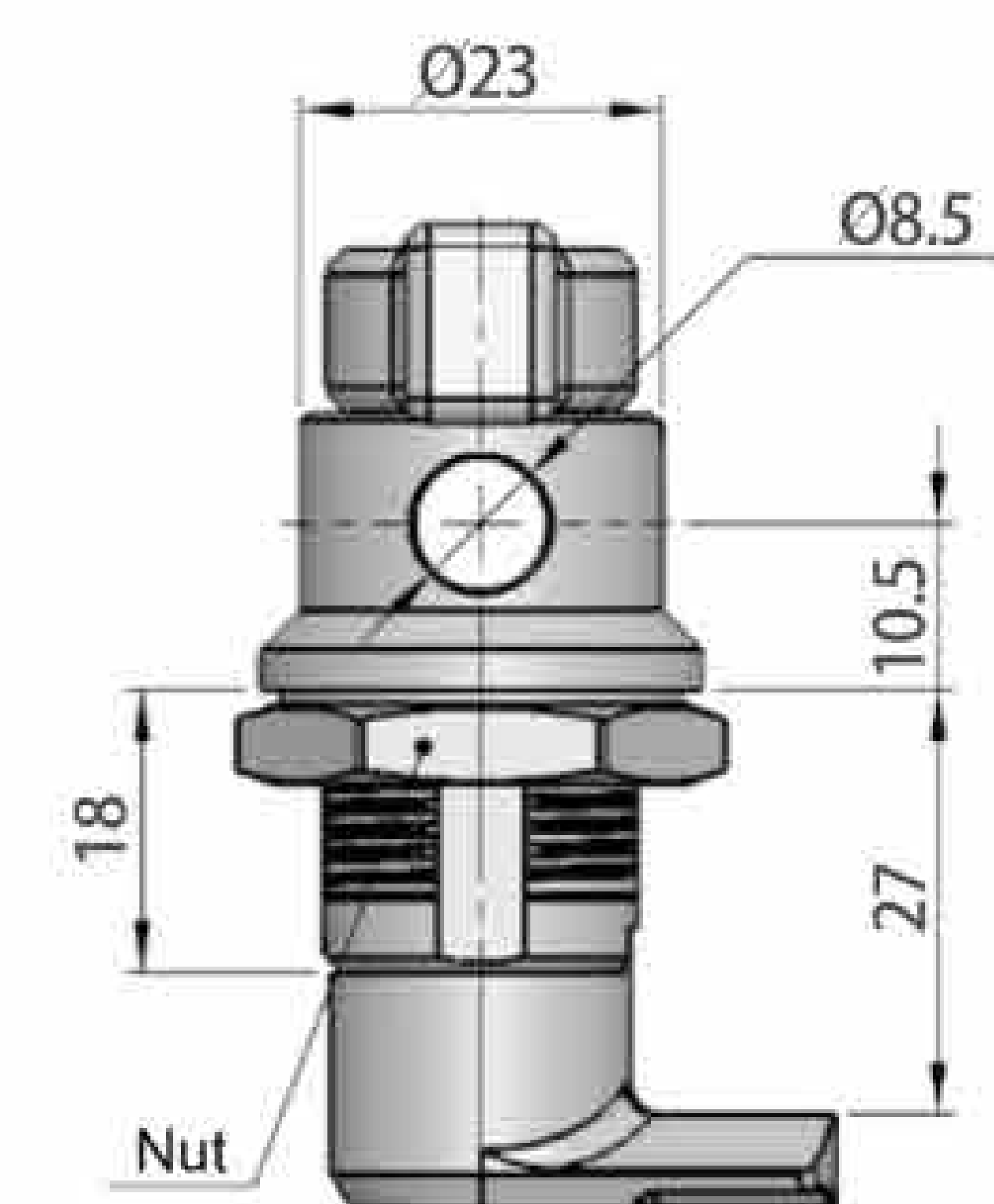
ML100-1011


RL **IP54**

Main material and finish: Blue gray powder coated (RAL 7012) ZDC housing, PA handle, white zinc-plated steel cam
Application: Camstop quarter-turn opening or closing, padlockable

Default cam : S1B4502

Performance parameter:
Maximum static load:970N
Recommended nut tightening torque:20N.m



Remark: Default cam S1B4502 T=4 (cut out 8x8)

Lock

Hinge

Handle

Draw Latch

Door Stop

Slide

Lock Accessories

Gasket

ML100-1012


IP65

Main material and finish: Pocked black powder coated ZDC housing, PA handle, White zinc plated steel cam.
Application: quarter-turn opening or closing
Remark: Default key K190
Default cam : DS1B4500

Performance parameter:
Maximum static load:270N
Recommended nut tightening torque:20N.m
Maximum input torque:30N.m

ML100-1013


IP54

Main material and finish: Black painted ZDC housing and handle, white zinc plated steel cam
Application: Quarter turn opening or closing
Remark: Default key K170

Default cam : S1V2400

Performance parameter:
Maximum static load: 270N
Recommended nut tightening torque: 12N.m

Lock

Hinge

Handle

Draw Latch

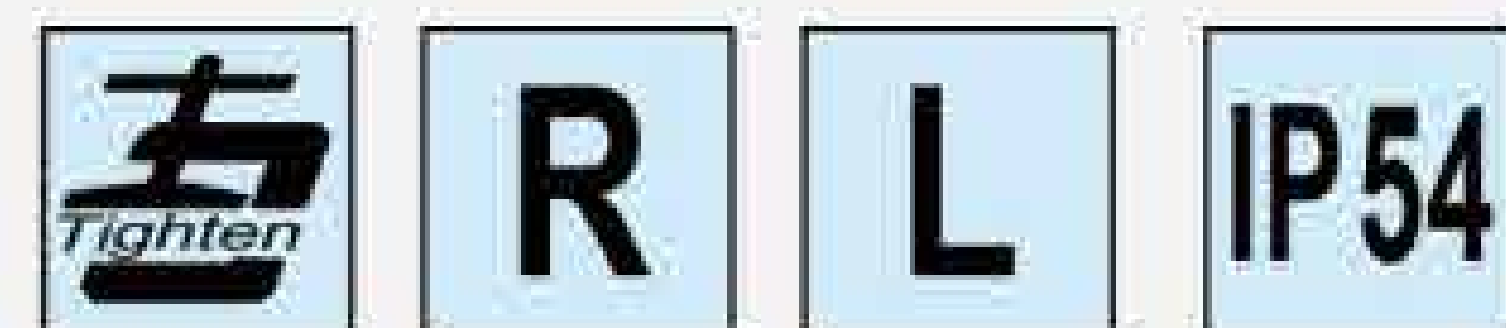
Door Stop

Slide

Lock Accessories

Gasket

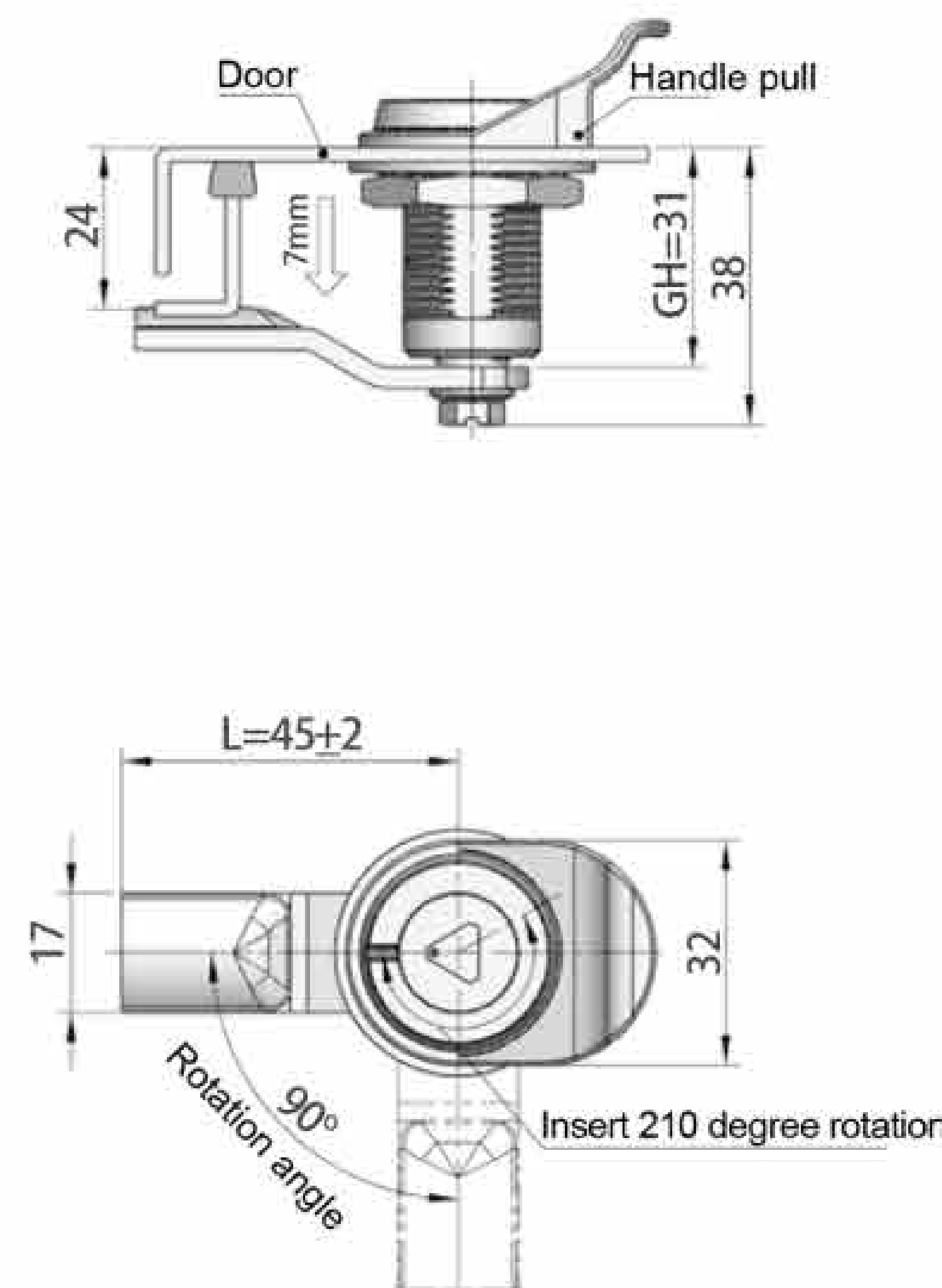
ML100-2001



Main material and finish : Black powder coated ZDC housing and insert, white zinc-plated steel cam, PA handle pull
Application: Cam quarter-turn to open or close, with function of locking
Remark: Optional key K15 series

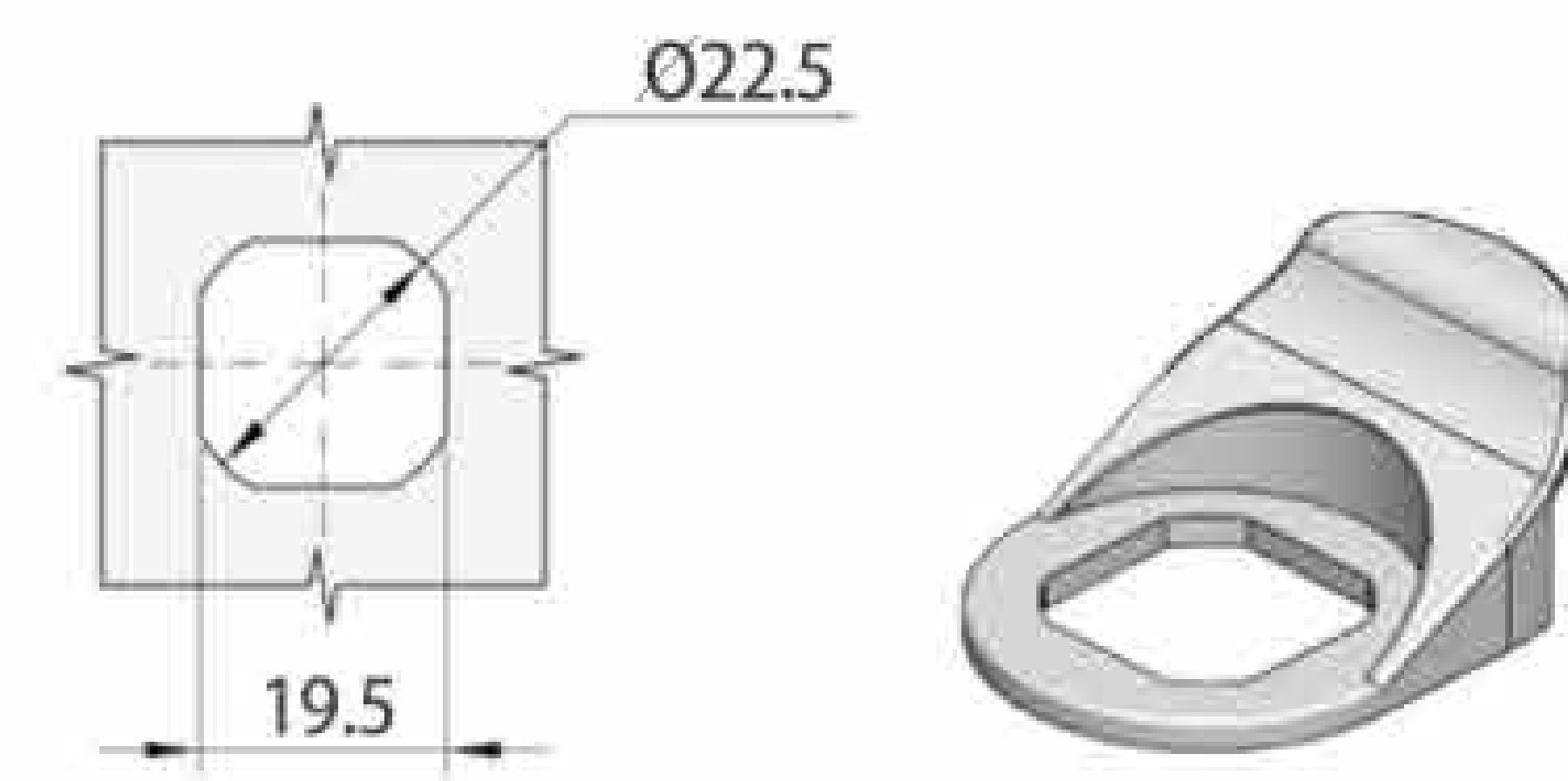
Default cam : S1B45N07(Unadjustable)
 S1M3300(Adjustable Ts=5)

Performance parameter:
Maximum static load: 300N
Recommended nut tightening torque: 20N.m
Maximum input torque: 11N.m



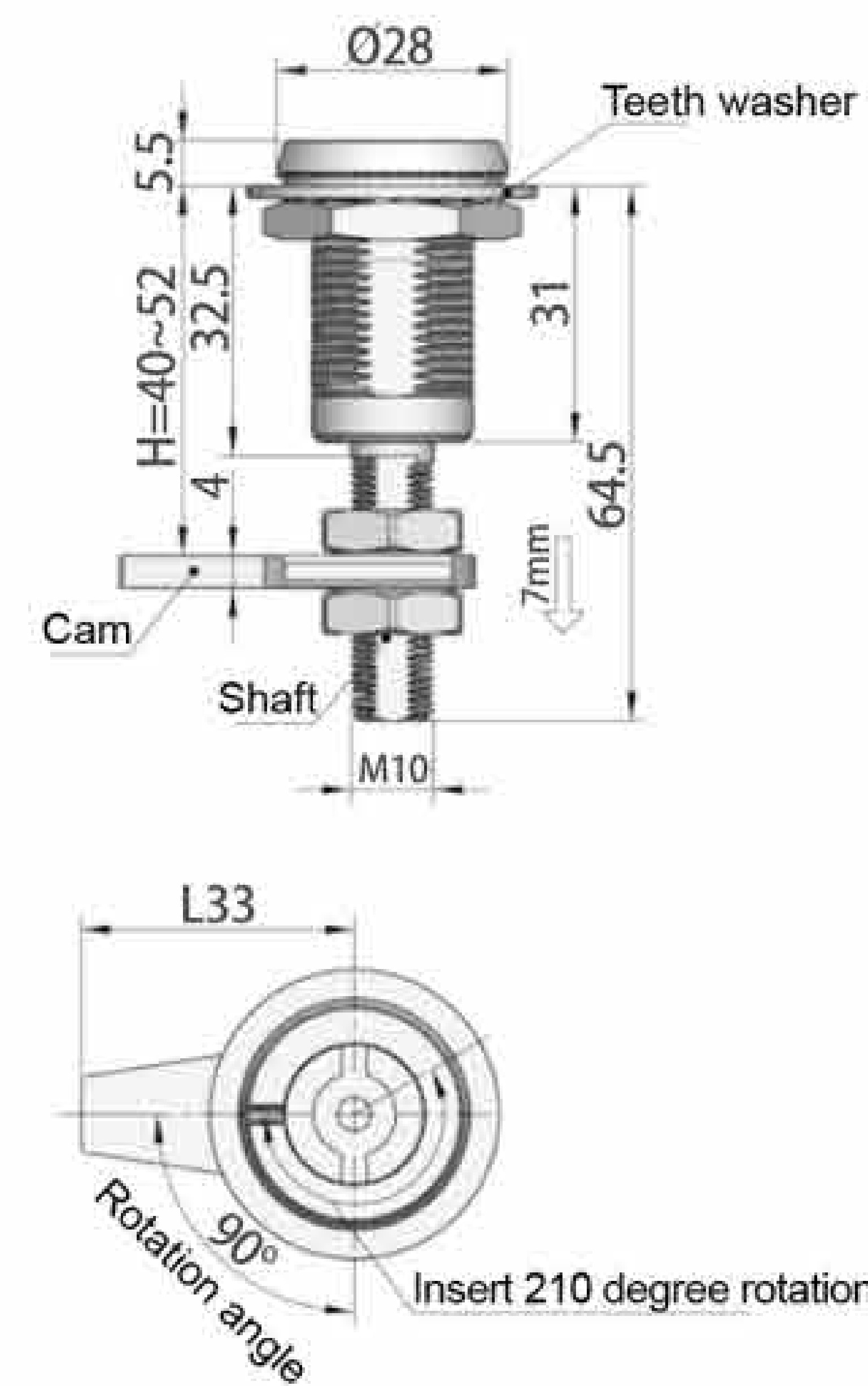
Unadjustable type

ML100-2001



Cut out

HP001 handle pull (Optional)

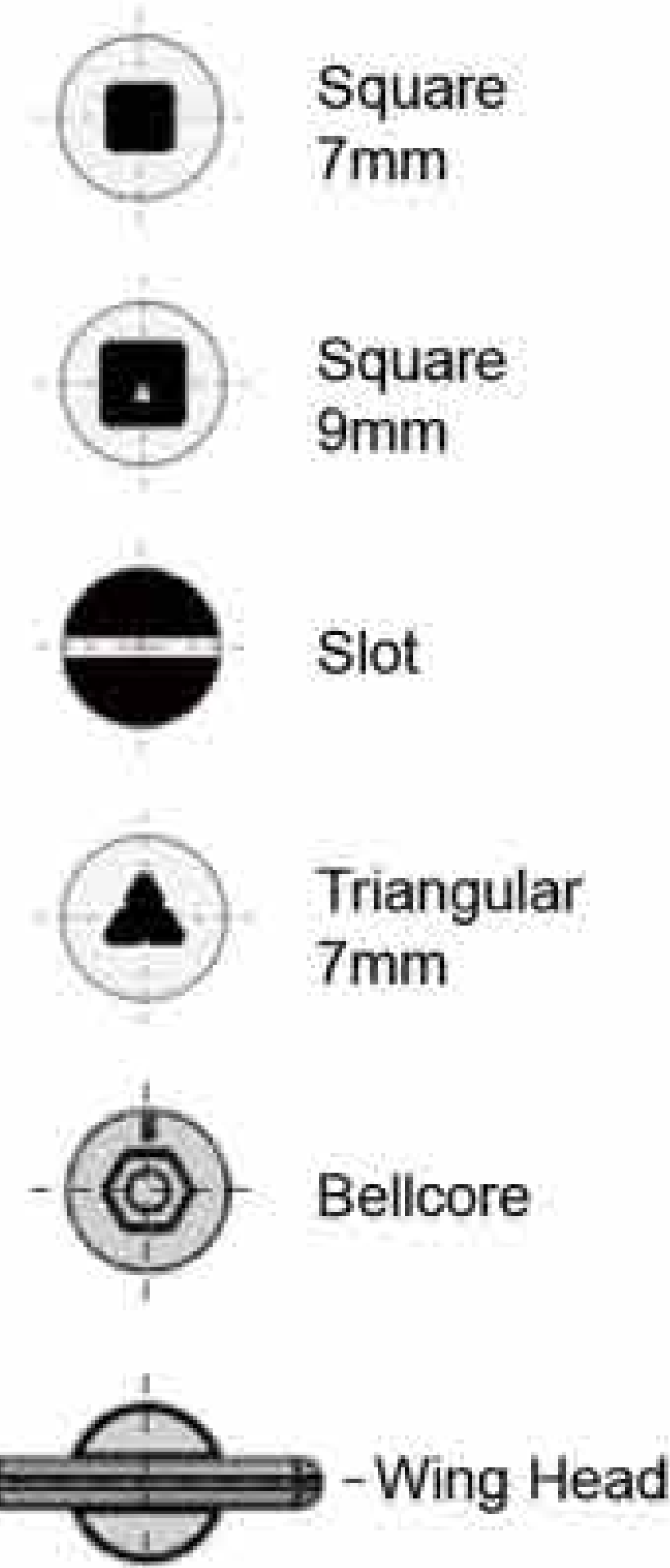
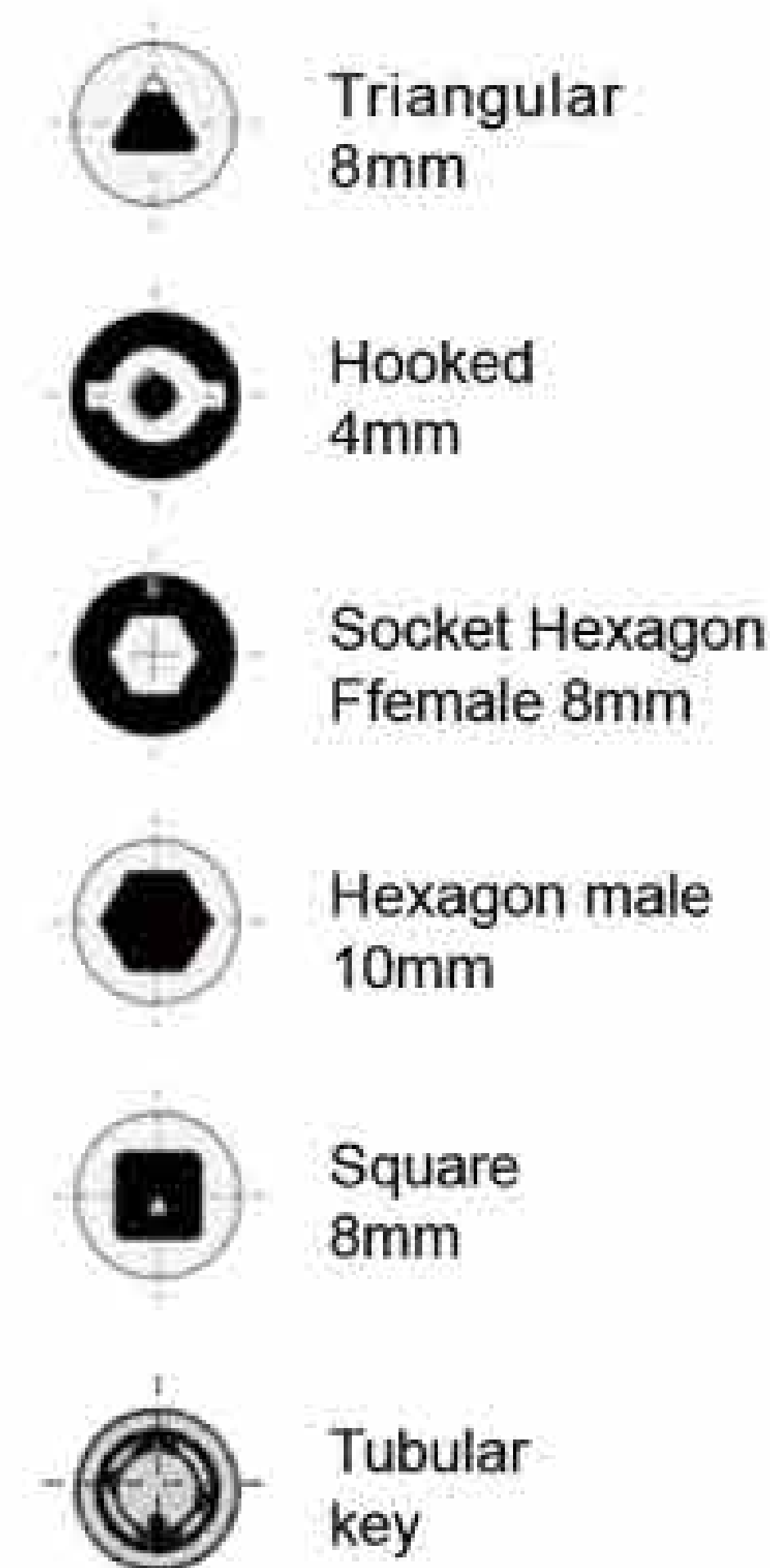


Adjustable type

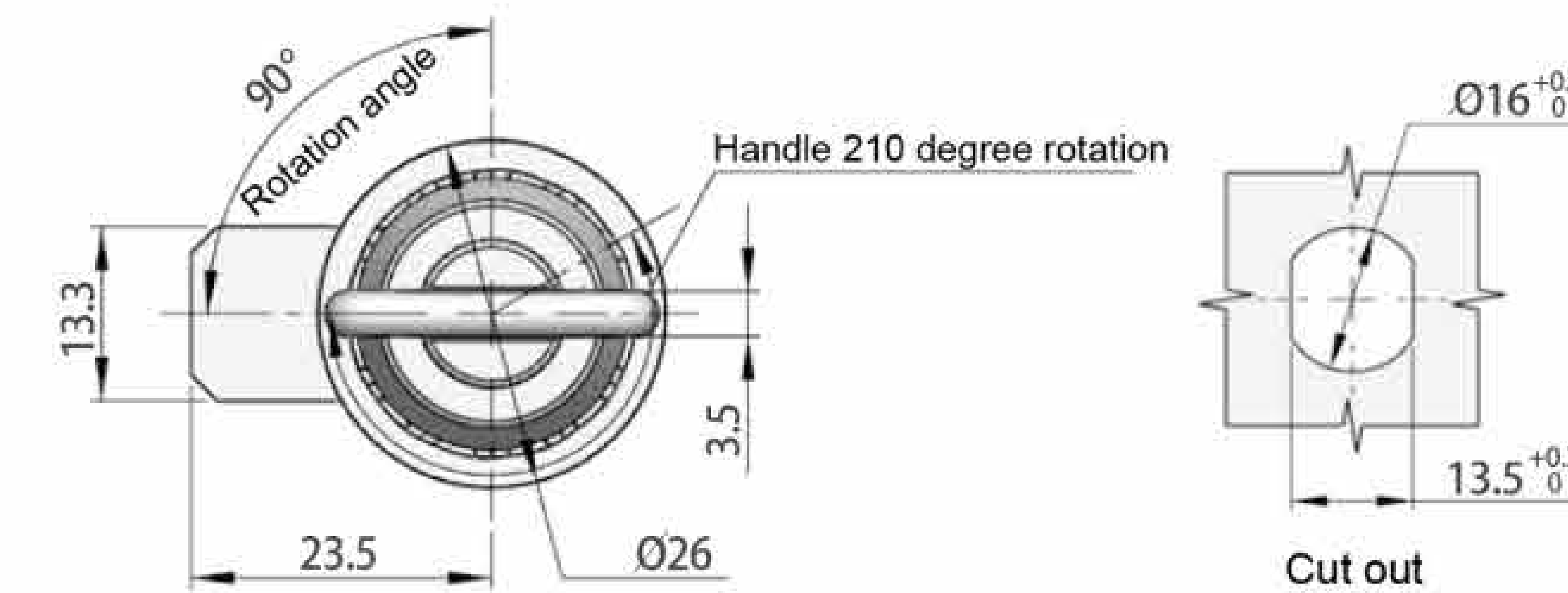
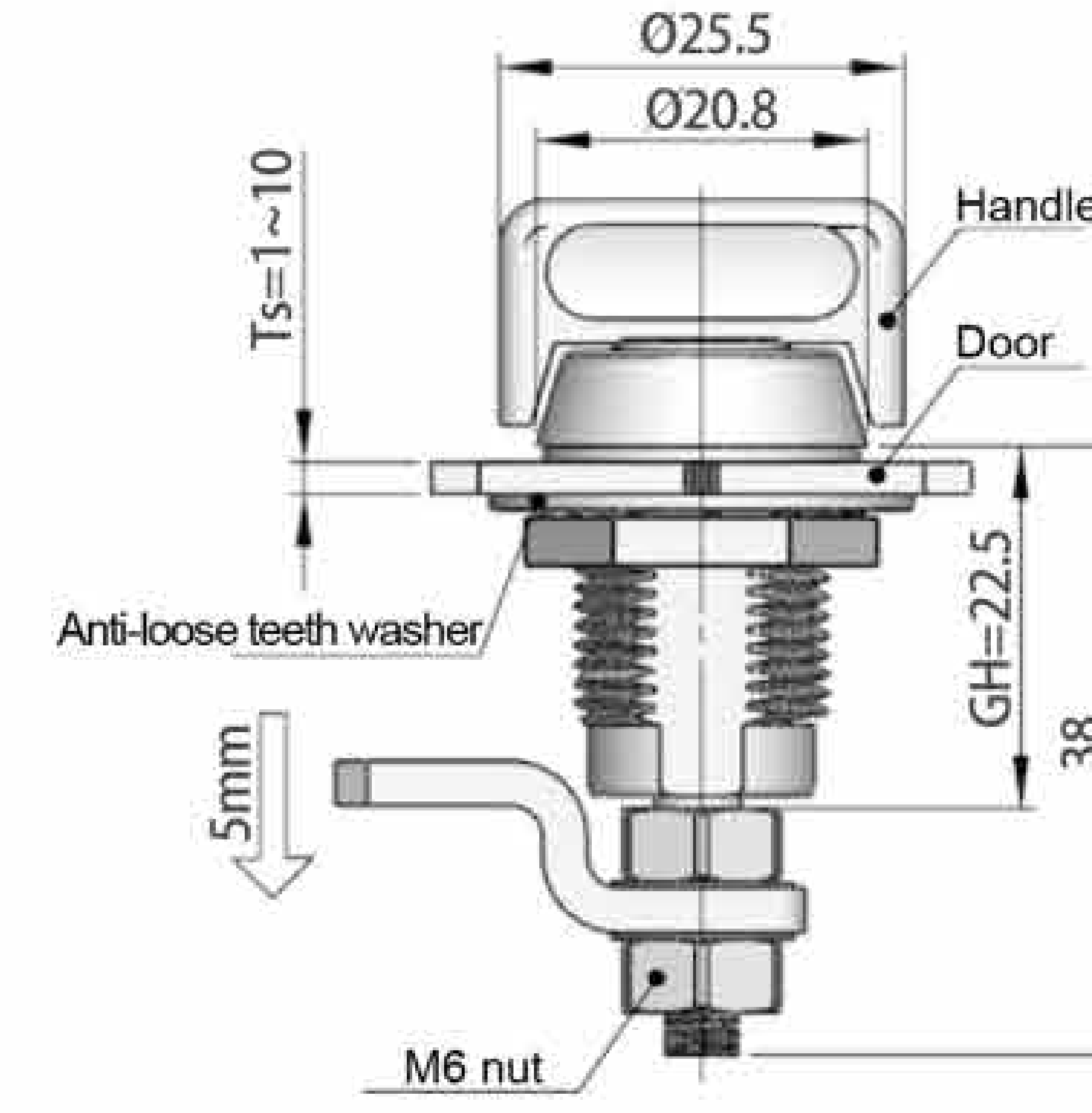
ML100-2002



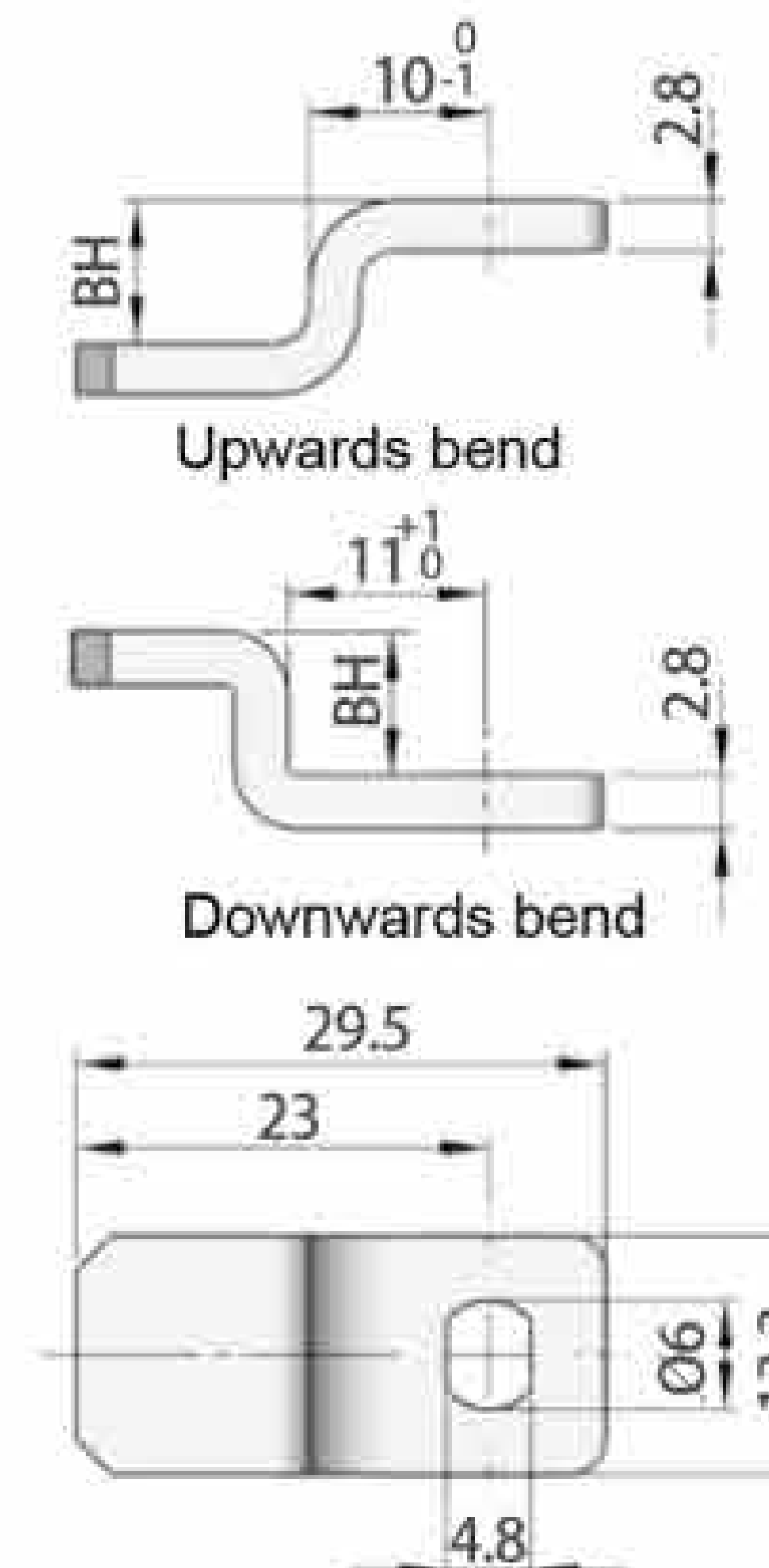
WP002 water-proof cap (Optional)



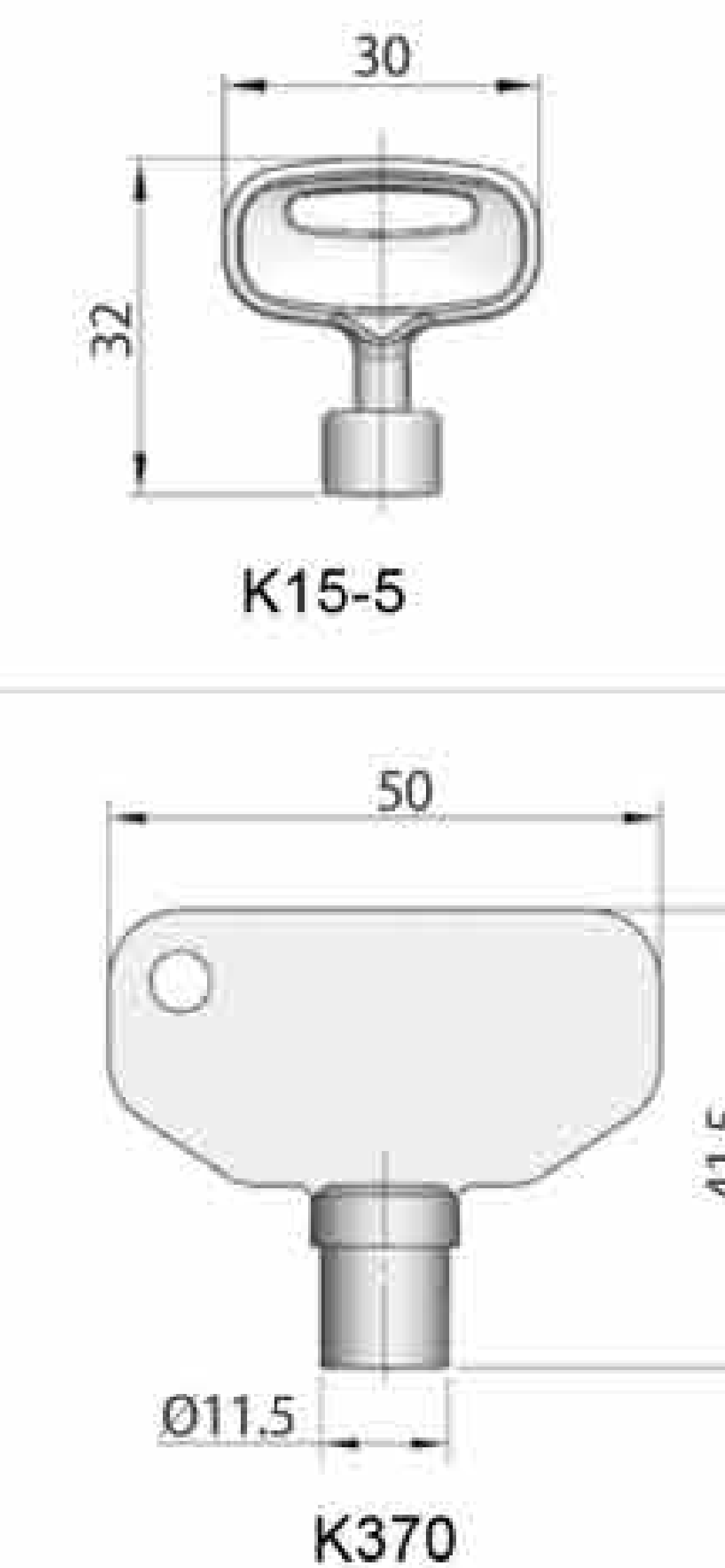
WP004(Optional)



Cam(Optional)



key(Optional)



Remark: Default cam S1G23N08 (Cutout $\varnothing 6 \times 4.7$)

Lock

Hinge

Handle

Draw Latch

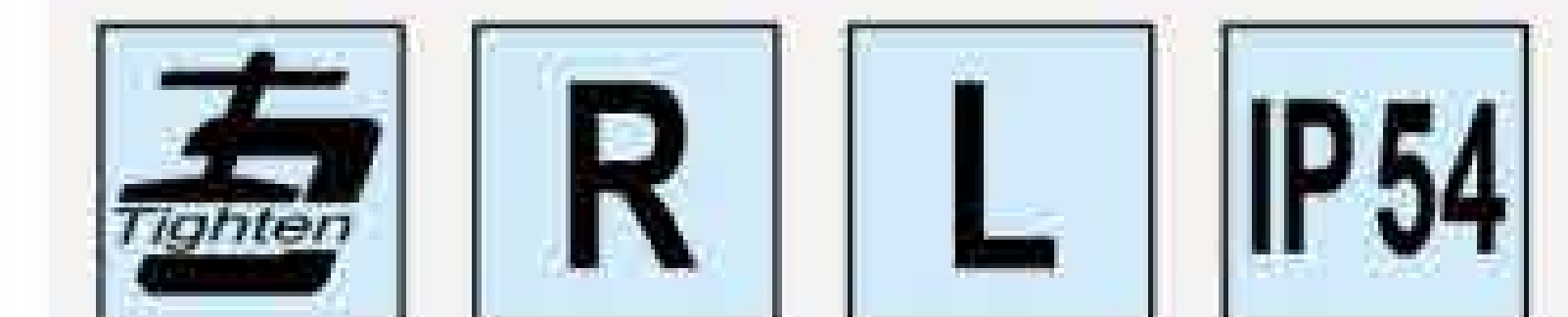
Door Stop

Slide

Lock Accessories

Gasket

ML100-2003



Main material and finish: Black painted ZDC housing, insert and handle, white zinc-plated steel cam, PA water-proof cap
Application: Cam Quarter-turn to open or close, with function of locking

Default cam : S1G23N08

Performance parameter:
Maximum static load: 360N
Recommended nut tightening torque: 20N.m
Maximum input torque: 8N.m

Lock

Hinge

Handle

Draw Latch

Door Stop

Slide

Lock Accessories

Gasket

ML100-2004



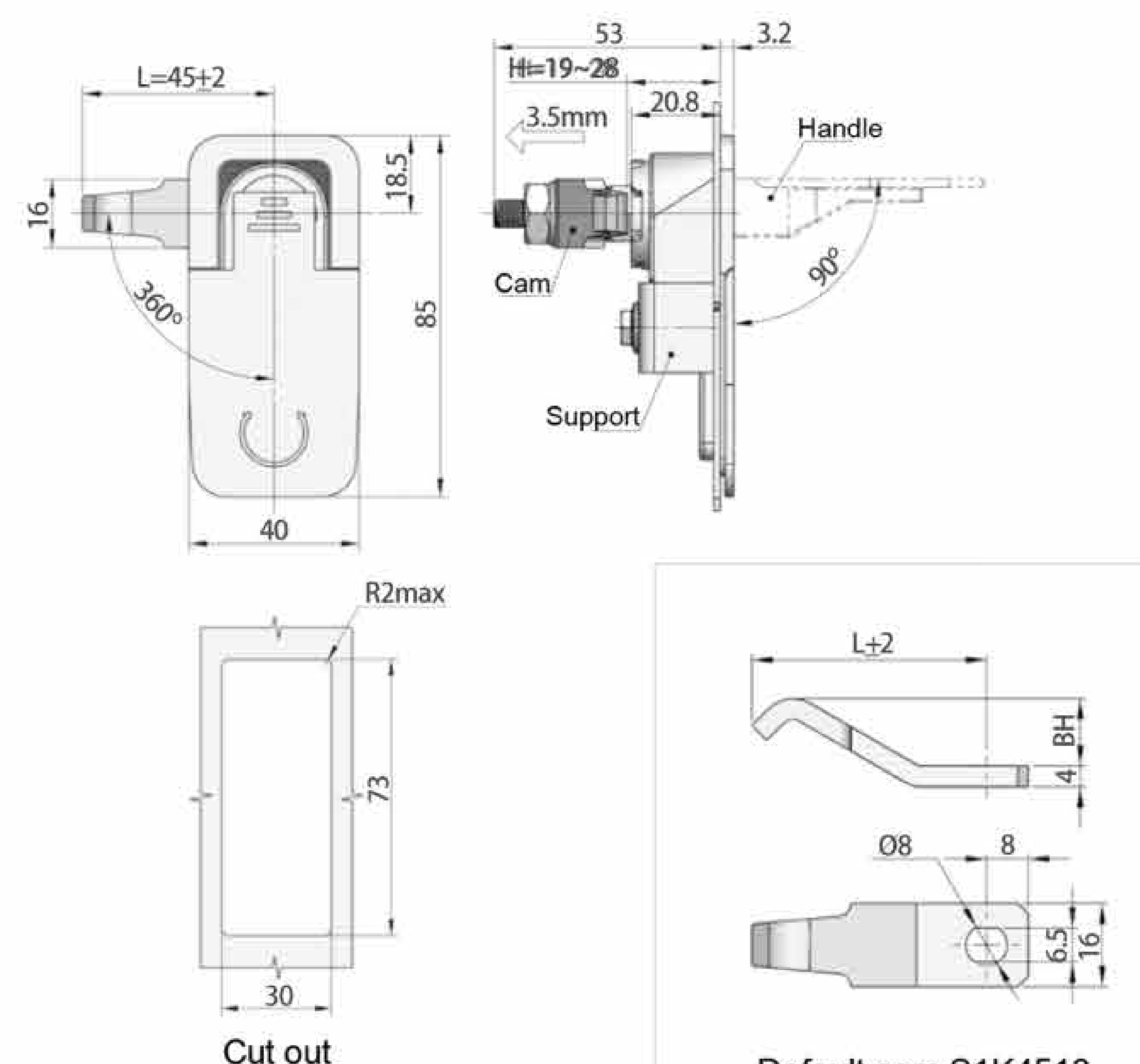
Main material and finish: ZDC housing and handle, white zinc plated steel support and cam

Application: Quick-open, easy assembling. H variable by adjusting nut

Default cam: S1K4513

Performance parameter:

Handle load tension capability: ≤420N
Maximum static load: 400N



Default cam S1K4513

ML100-2005



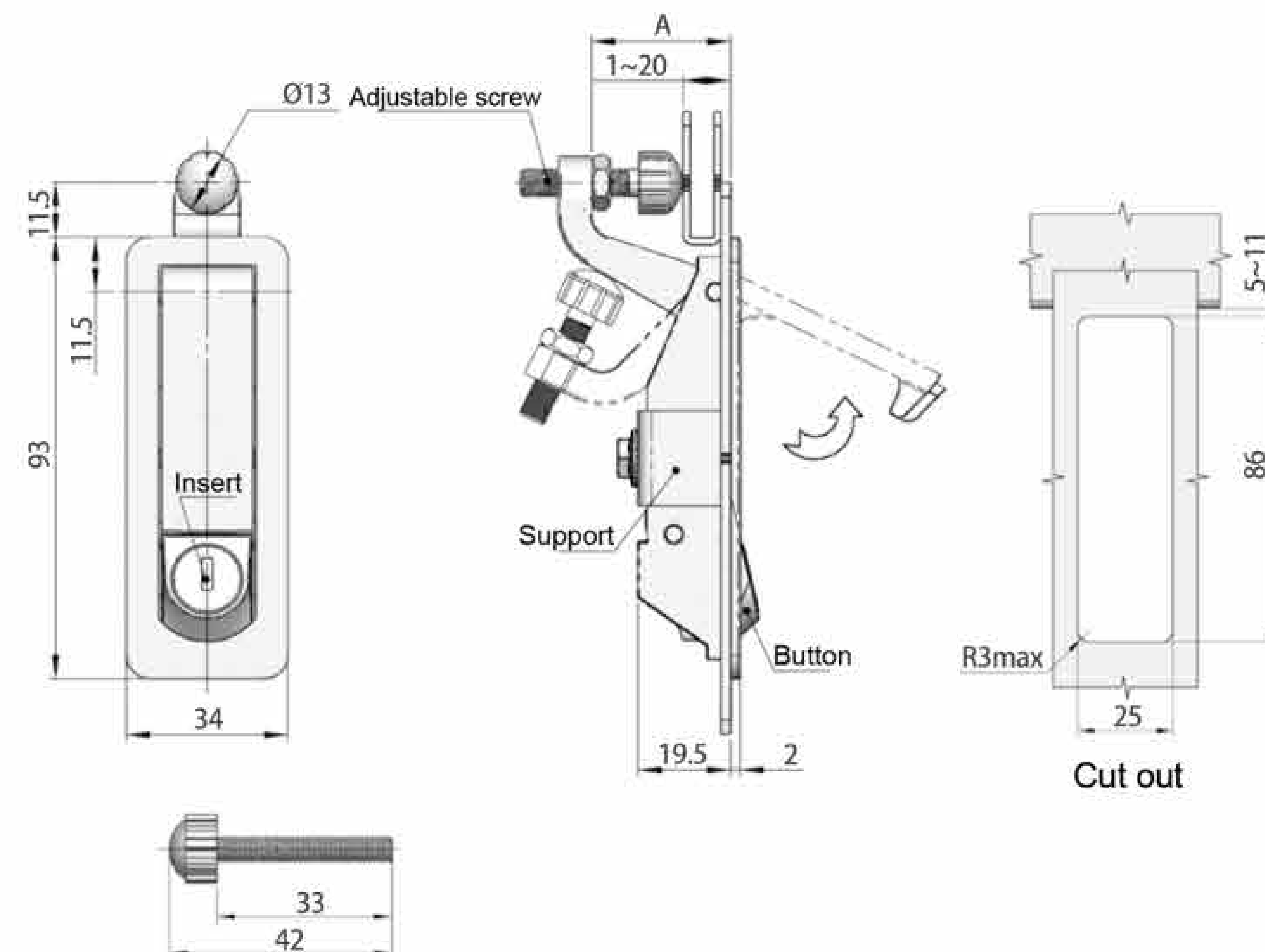
Main material and finish: Black painted ZDC housing, handle, insert and button, white zinc plated steel screw

Application: Quick-open, easy assembling, by adjusting screw meets the need of distance control

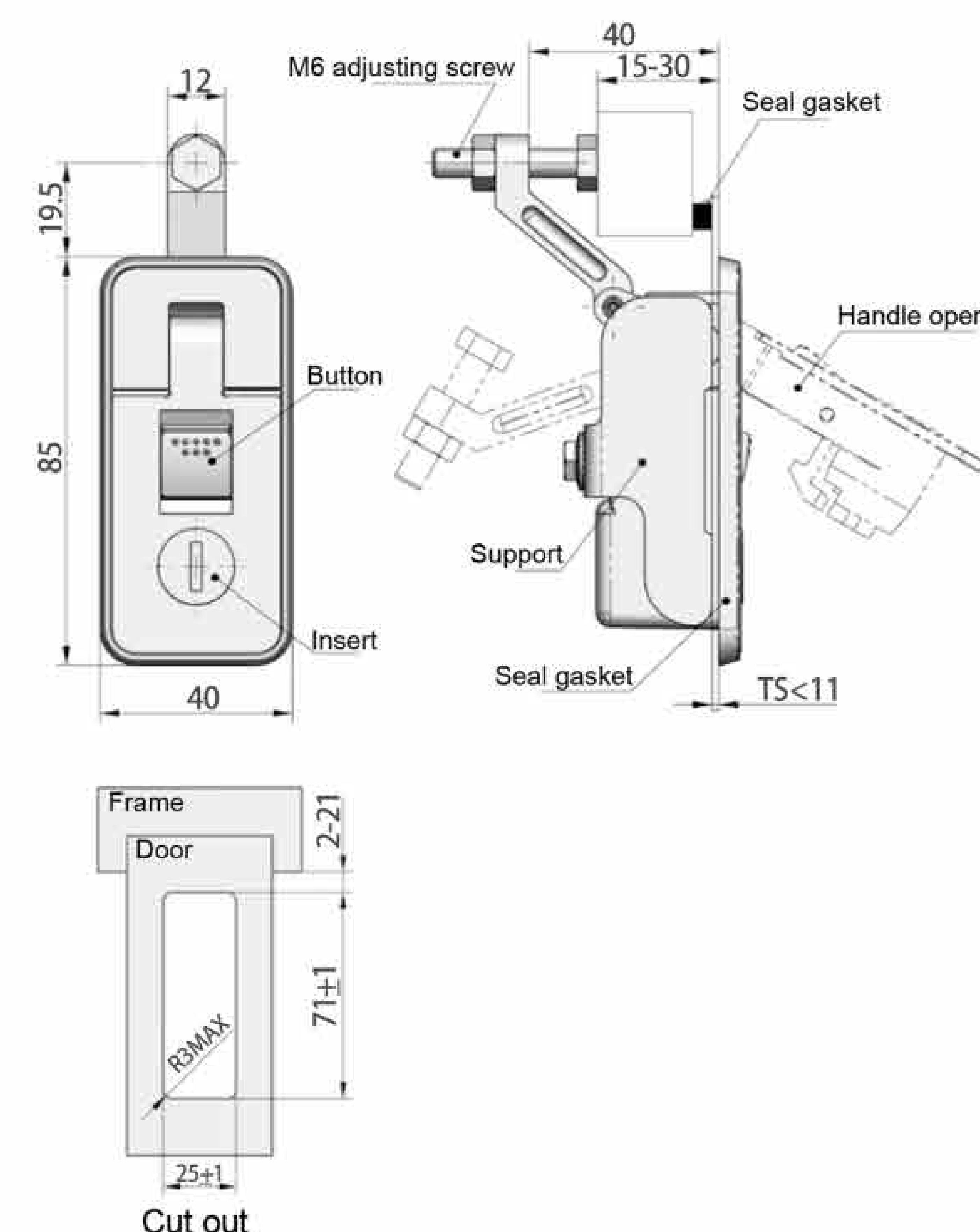
Remark: Default key k020

Performance parameter:

Handle load tension capability: ≤1200N
Maximum static load: 200N



Remark: Default adjusting screw, others on request



Remark: Default cam S1M44N06 (cut out Ø10x8)

ML100-2006



Main material and finish: Bright chrome-plated ZDC housing, handle and button, white zinc-plated support, connection, screw

Application: Quick open, easy assembling, adjust nut to fit different H

Remark: Default K650 key

Performance parameter:

Handle load tension capability: ≤1300N
Maximum static load: 290N

ML100-2007



Main material and finish: Stainless steel housing, insert and cam, white zinc-plated steel shaft

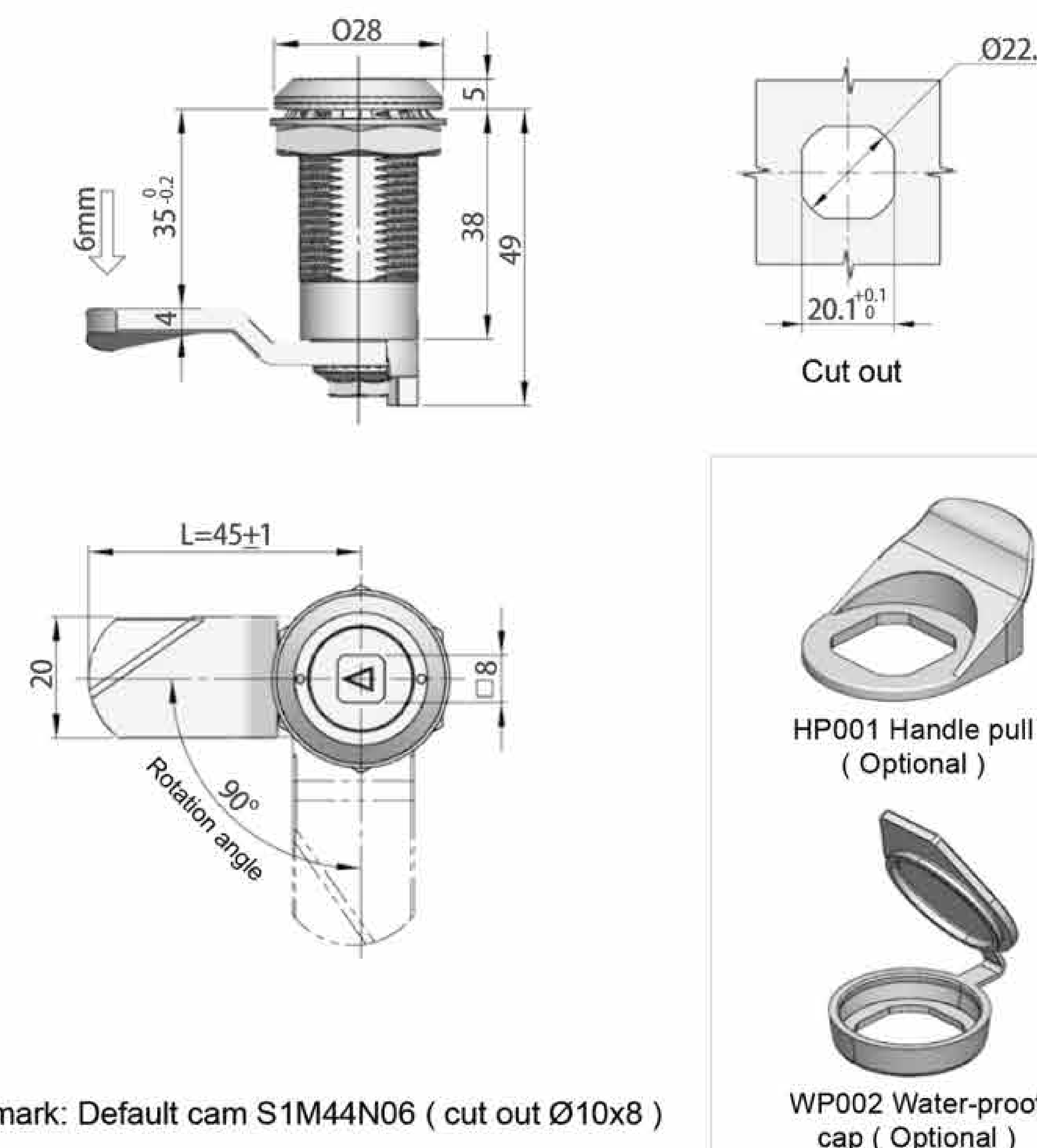
Application: Quarter-turn opening or closing, with function of locking

Remark: Optional key K15 series

Default cam: S1M44N06

Performance parameter:

Maximum static load: 590N
Recommended nut tightening torque: 30N.m
Maximum input torque: 11N.m



Lock

Hinge

Handle

Draw Latch

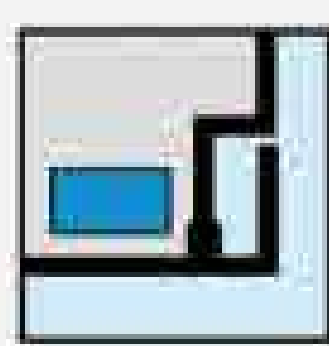
Door Stop

Slide

Lock Accessories

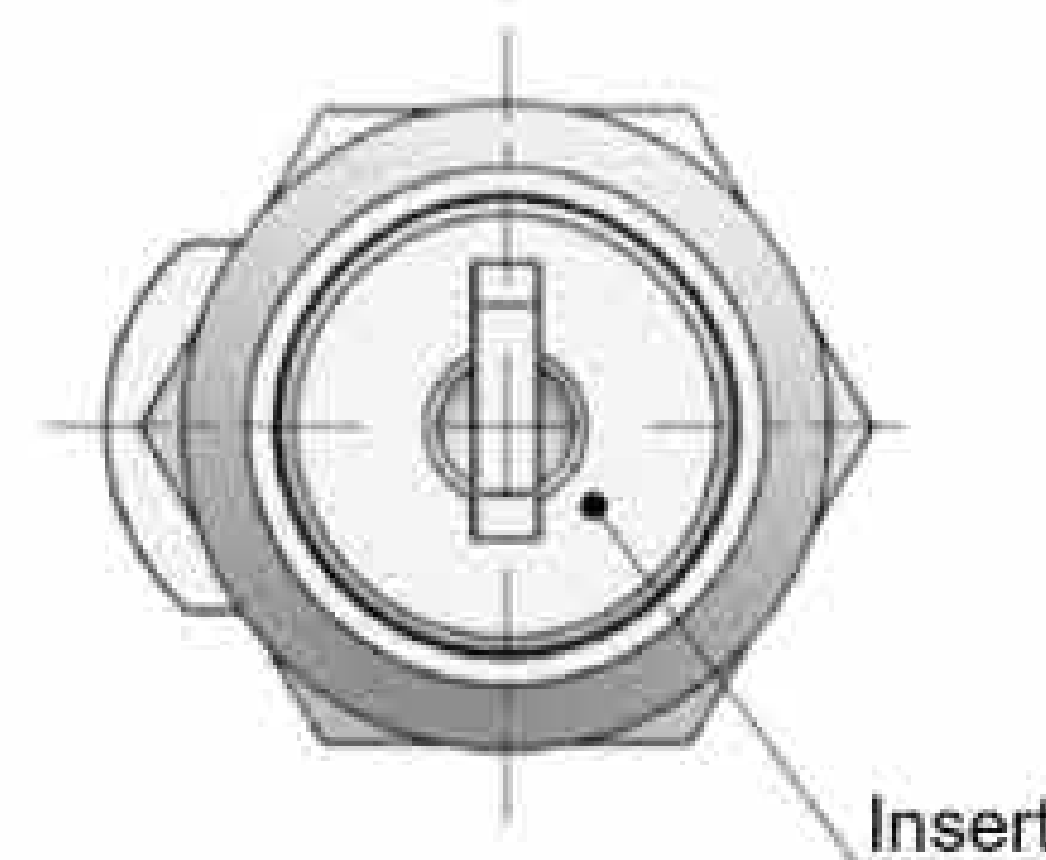
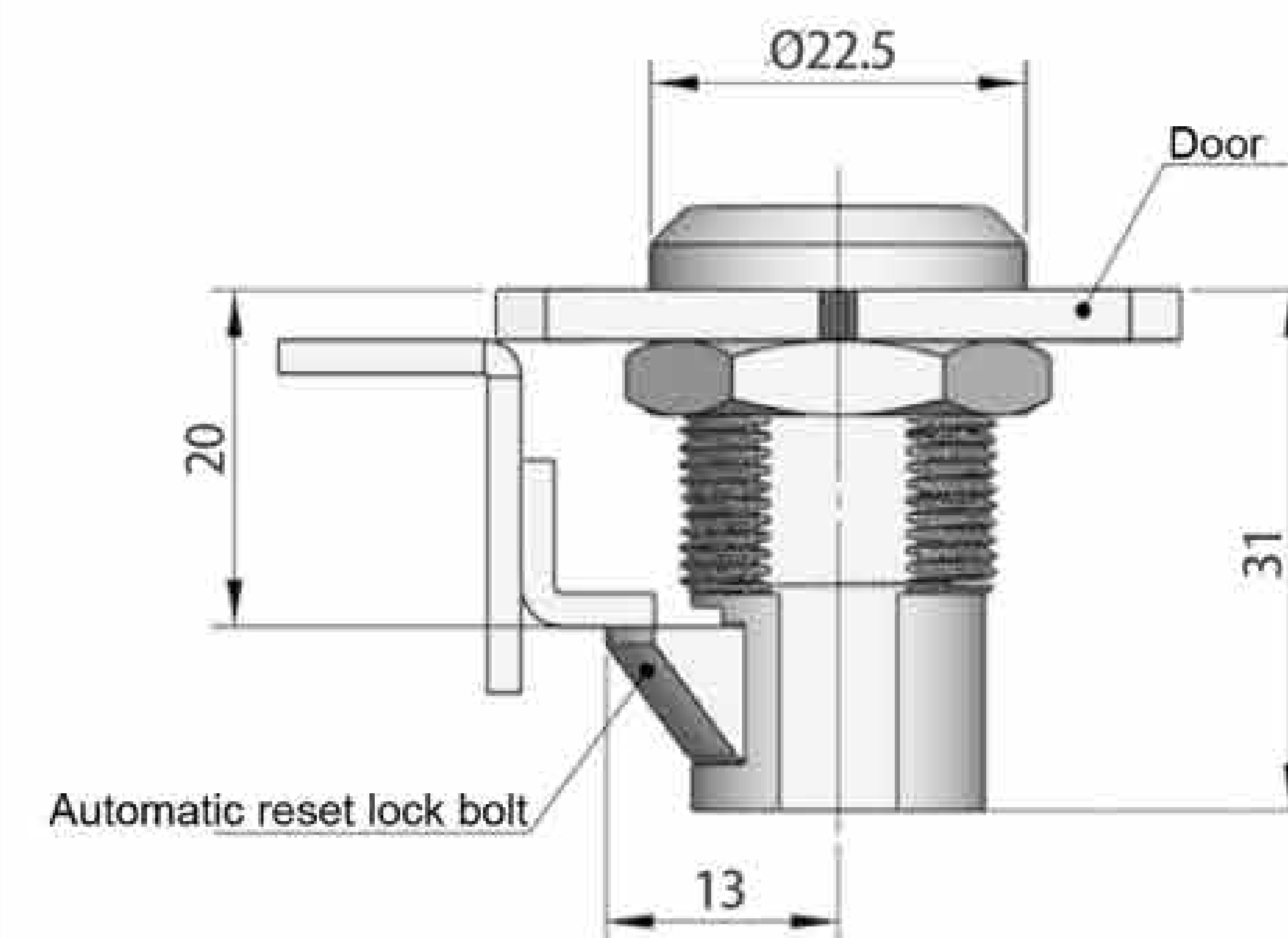
Gasket

ML100-3001

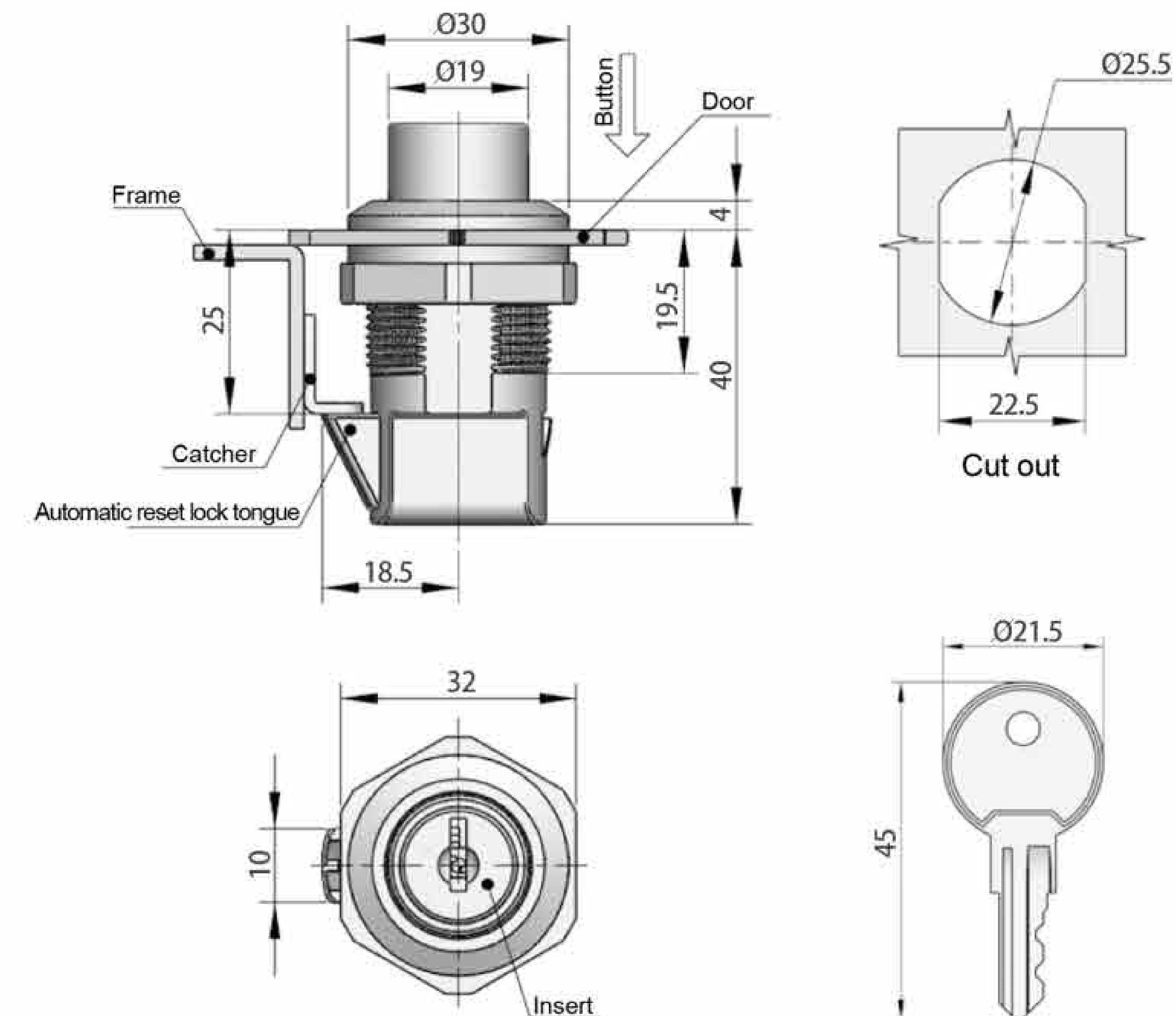
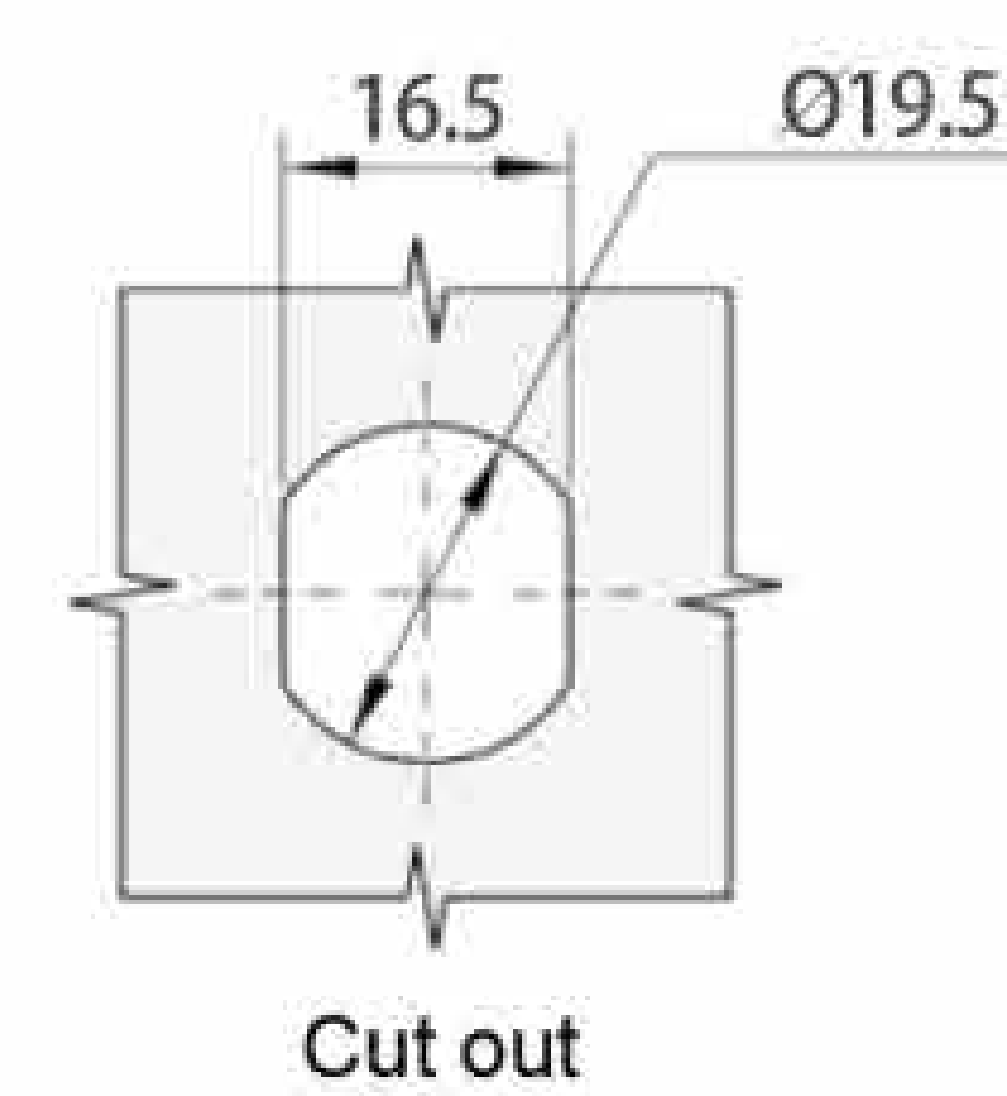
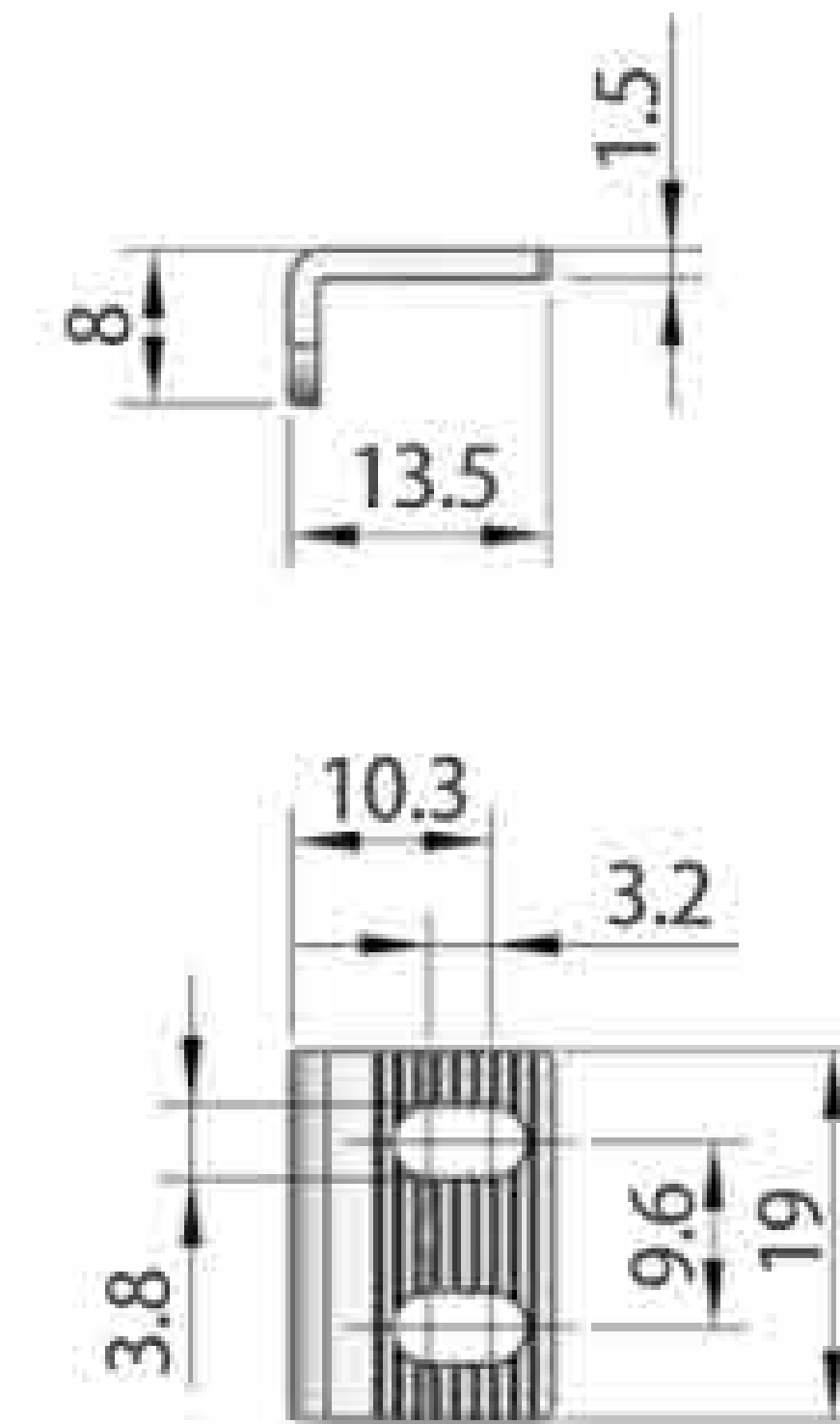


Main material and finish: Bright chrome-plated ZDC housing, insert and lock-tongue, white ZDC zinc-plated lock tongue
Application: Automatic reset locked
Remark: Default key K160

Performance parameter:
Maximum static load: 340N



Catcher (Optional)



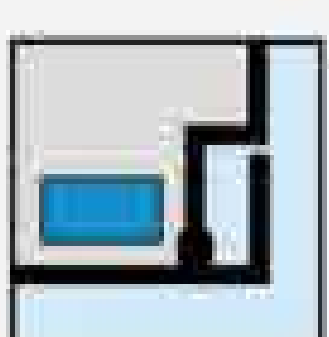
ML100-3003



Main material and finish: Black PC housing, insert, shaft pipe and lock tongue
Application: Automatic locked push type
Remark: Default key K160

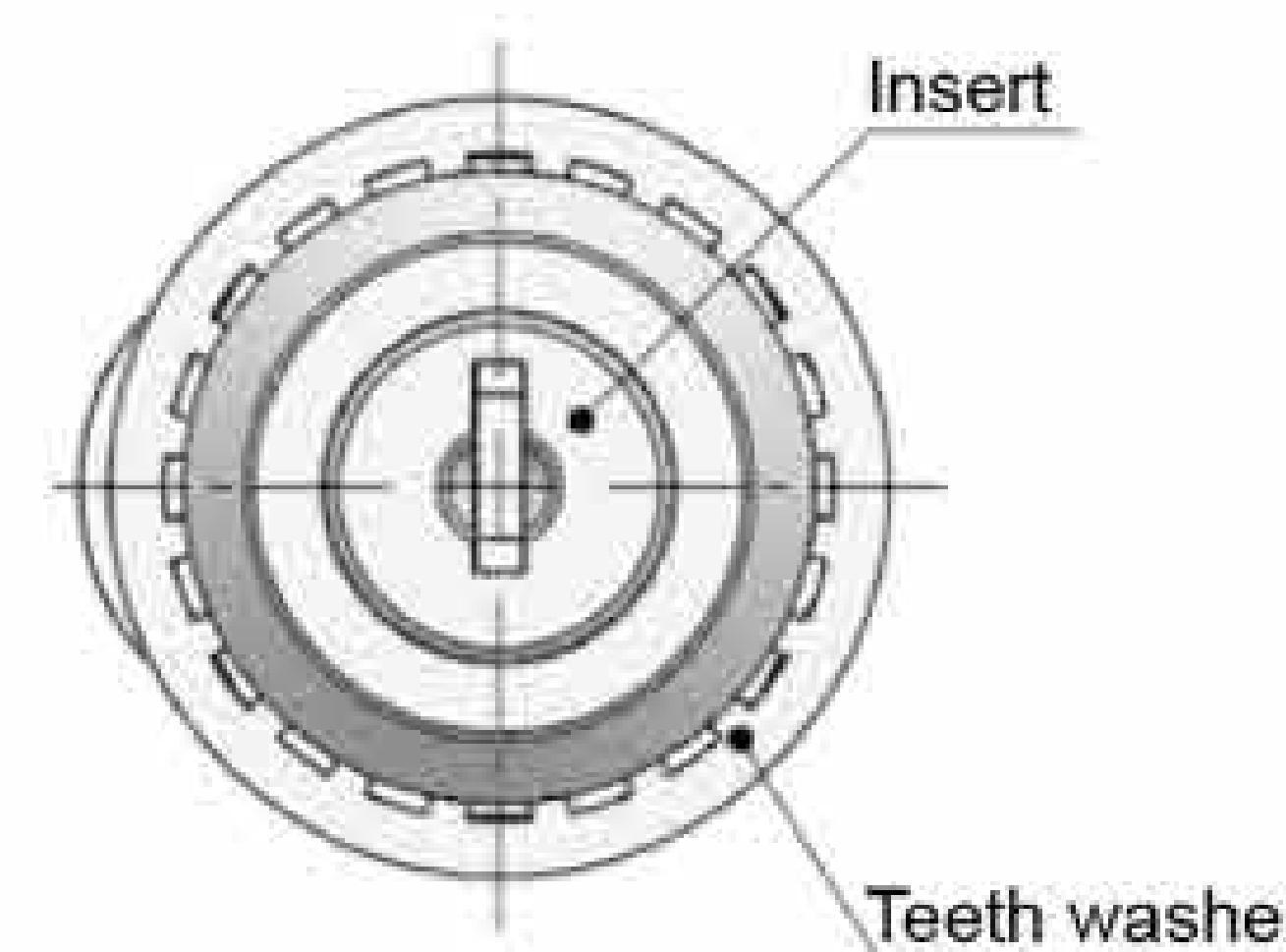
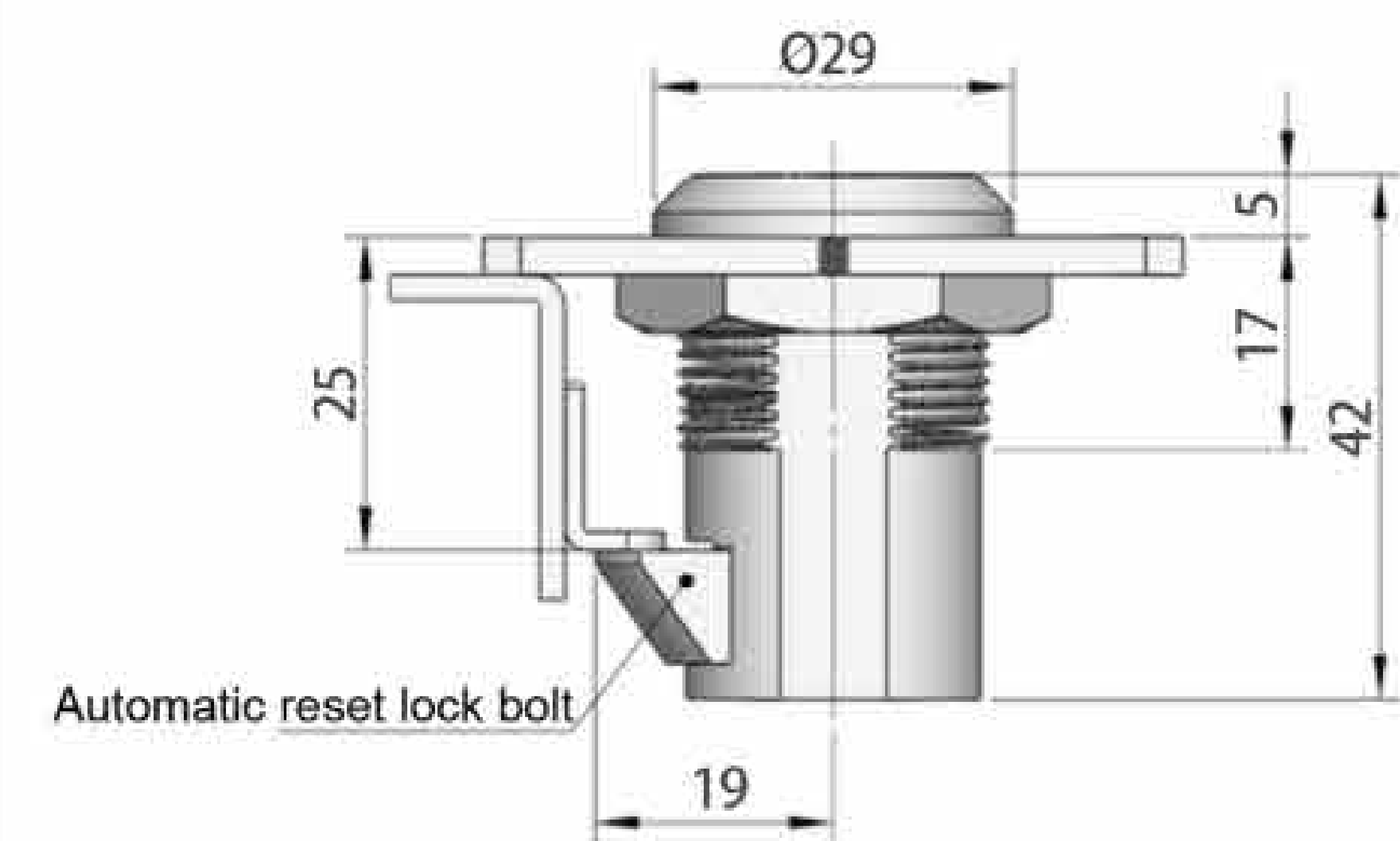
Performance parameter:
Maximum static load: 240N

ML100-3002

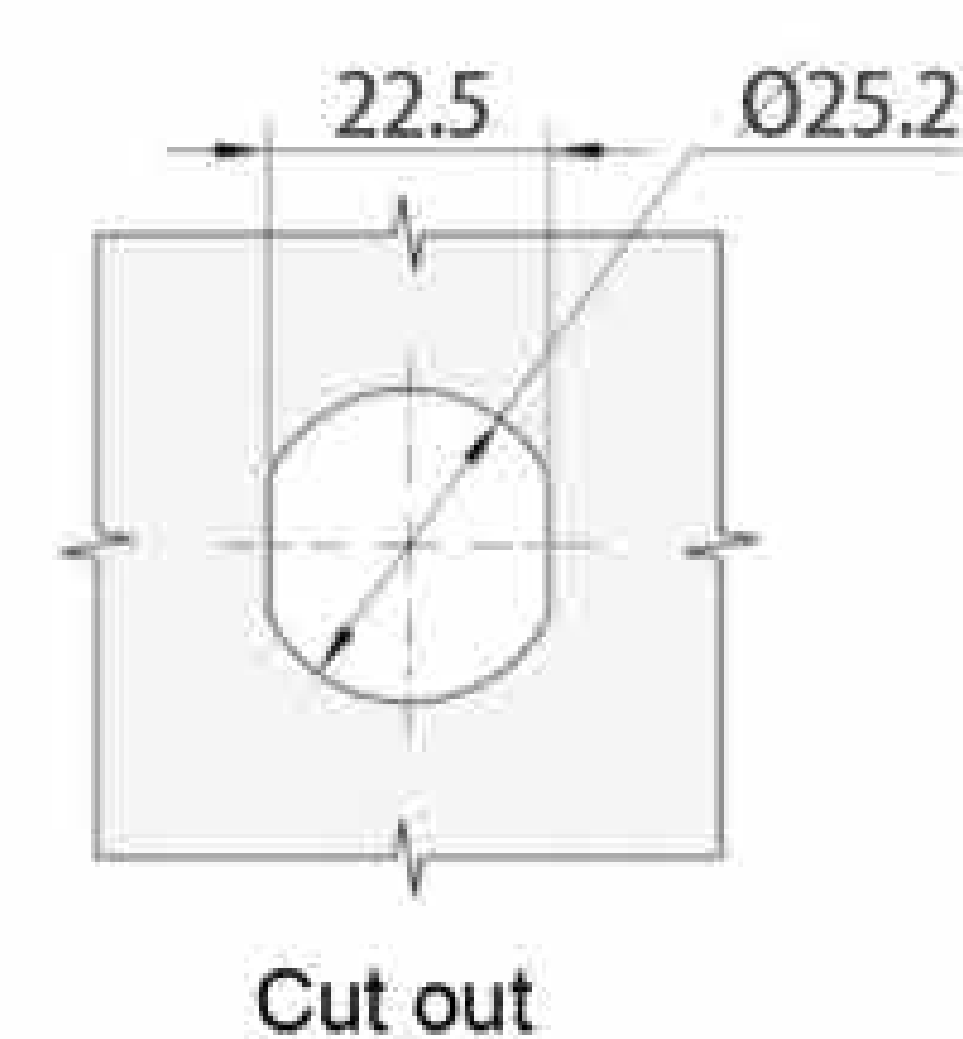
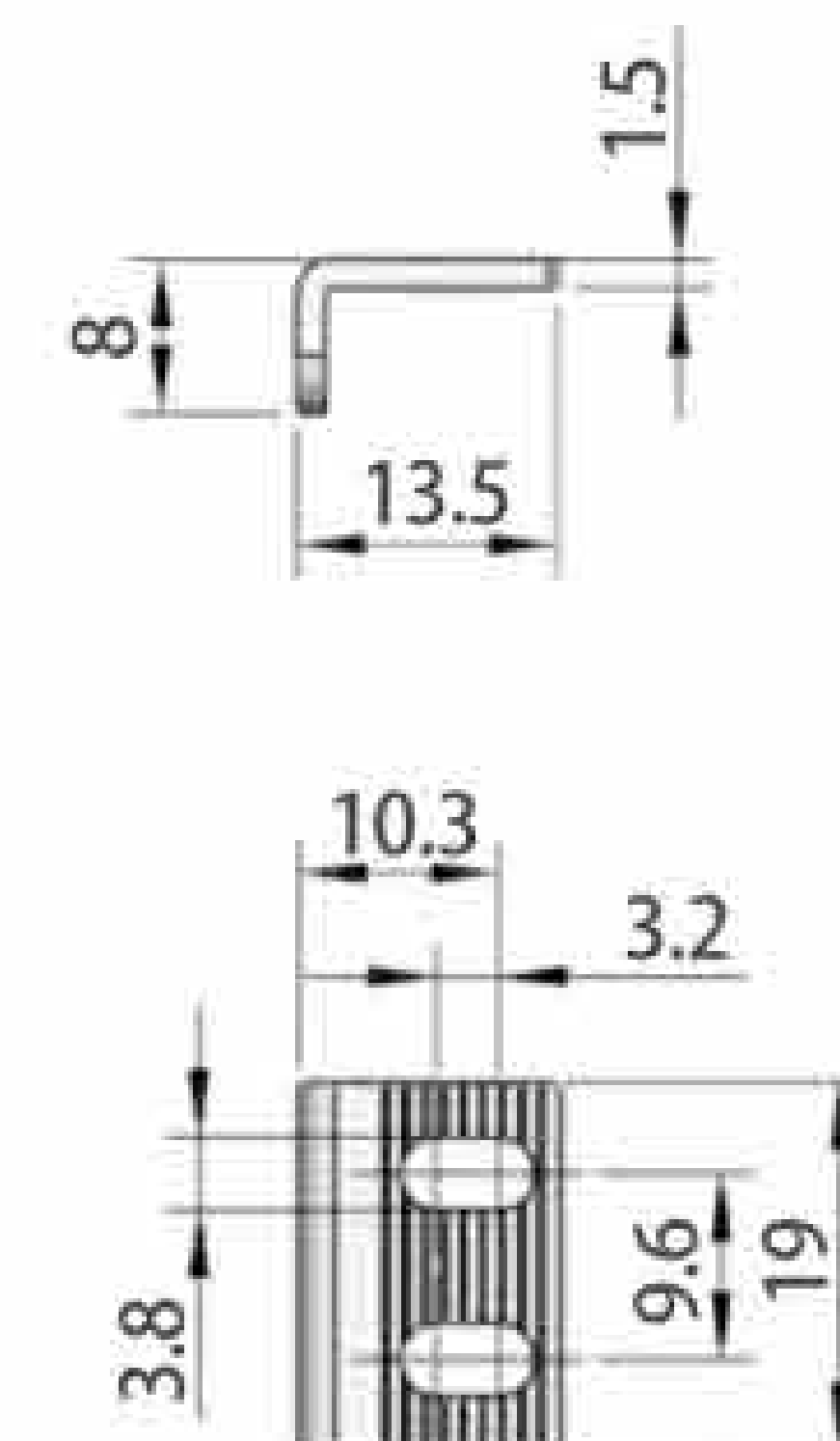


Main material and finish: Bright chrome-plated ZDC housing, insert and lock bolt, white zinc-plated ZDC lock bolt
Application: Automatic reset locked
Remark: Default key K160

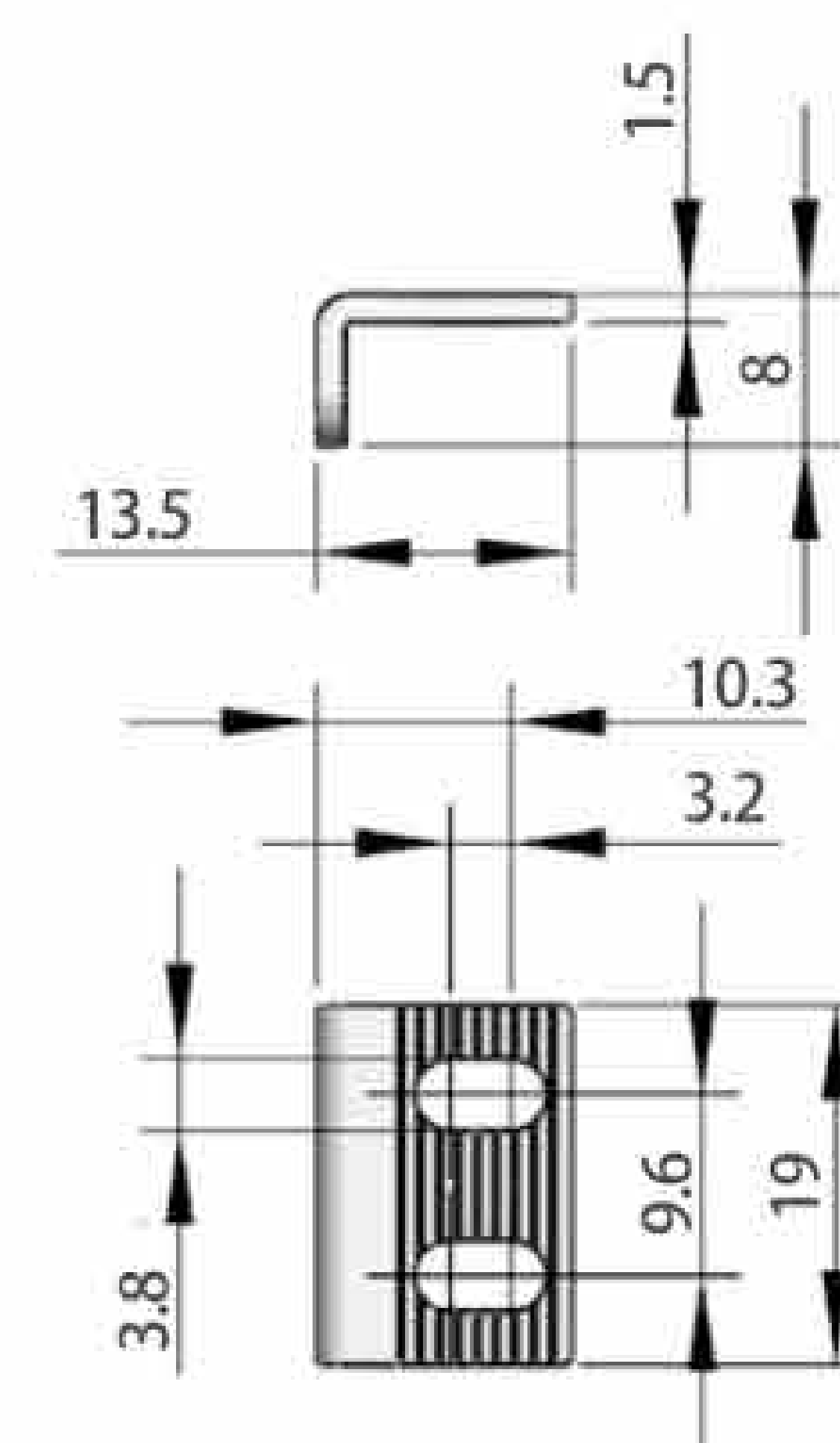
Performance parameter:
Maximum static load: 320N



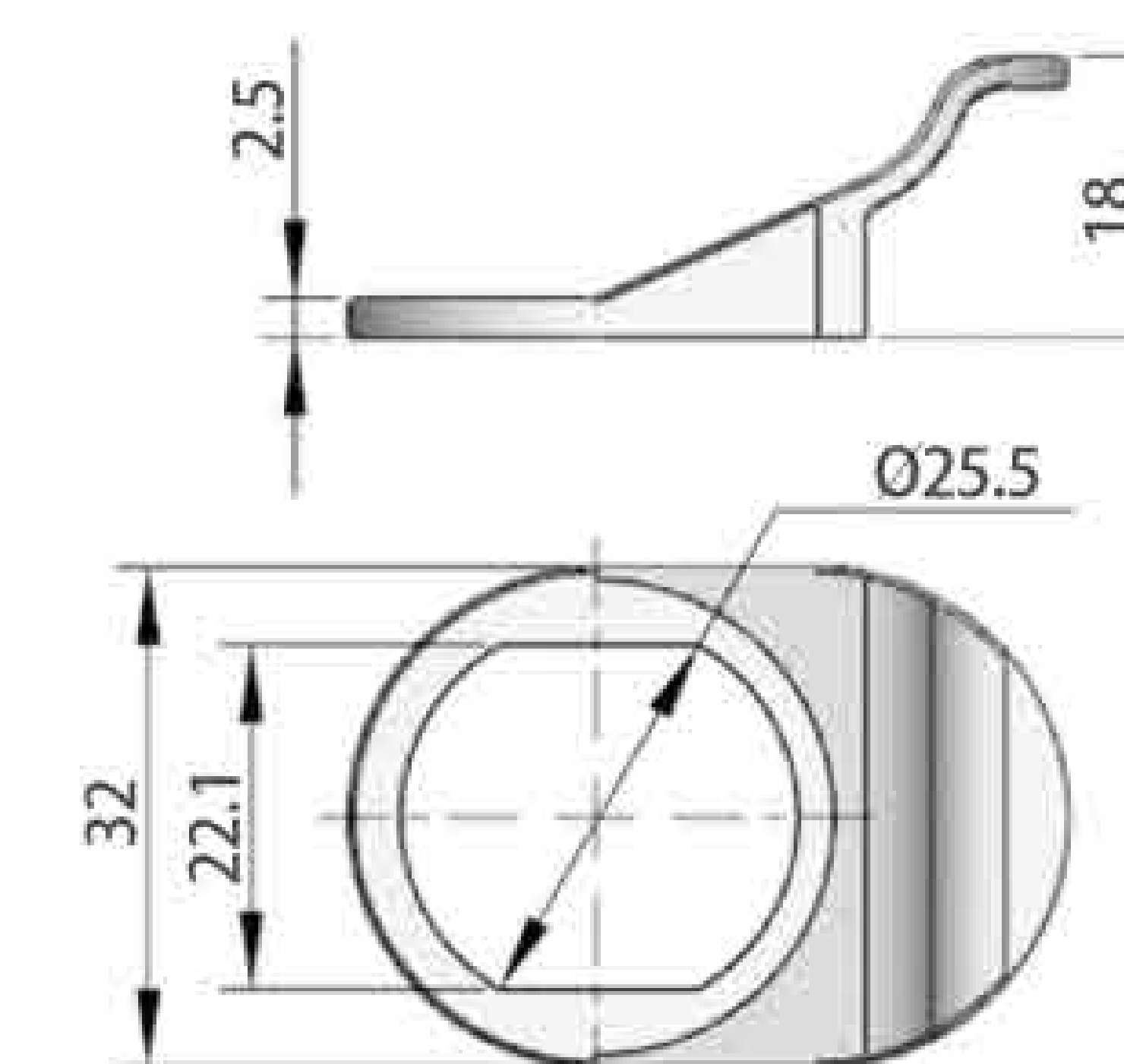
Catcher (Optional)



Catcher (Optional)



Handle pull (Optional)



Lock

Hinge

Handle

Draw Latch

Door Stop

Slide

Lock Accessories

Gasket

Lock

Hinge

Handle

Draw Latch

Door Stop

Slide

Lock Accessories

Gasket

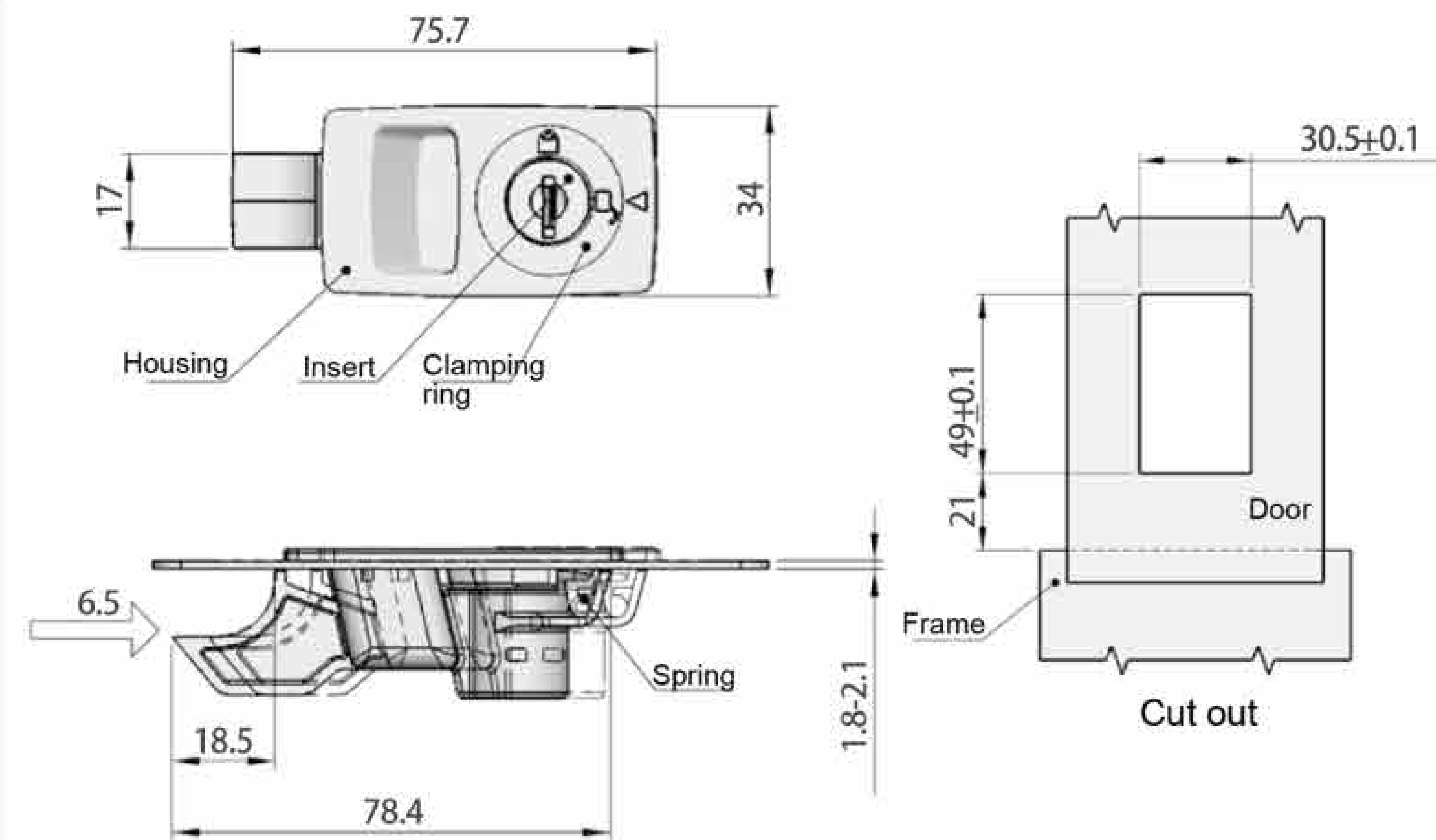
ML100-3004



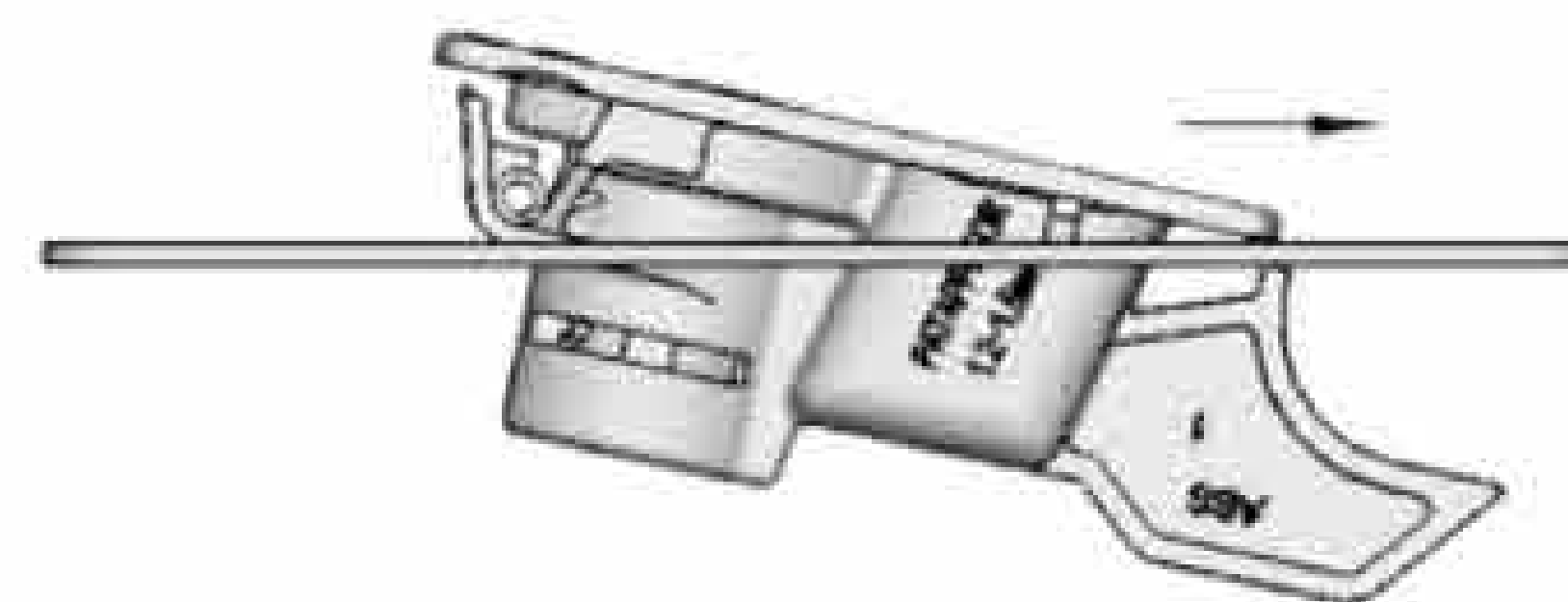
Main material and finish: stainless steel housing module, hard chrome plated steel insert module

Application: RH or LH door has different toggle. It applies to car battery latch system. Release lever designed by user

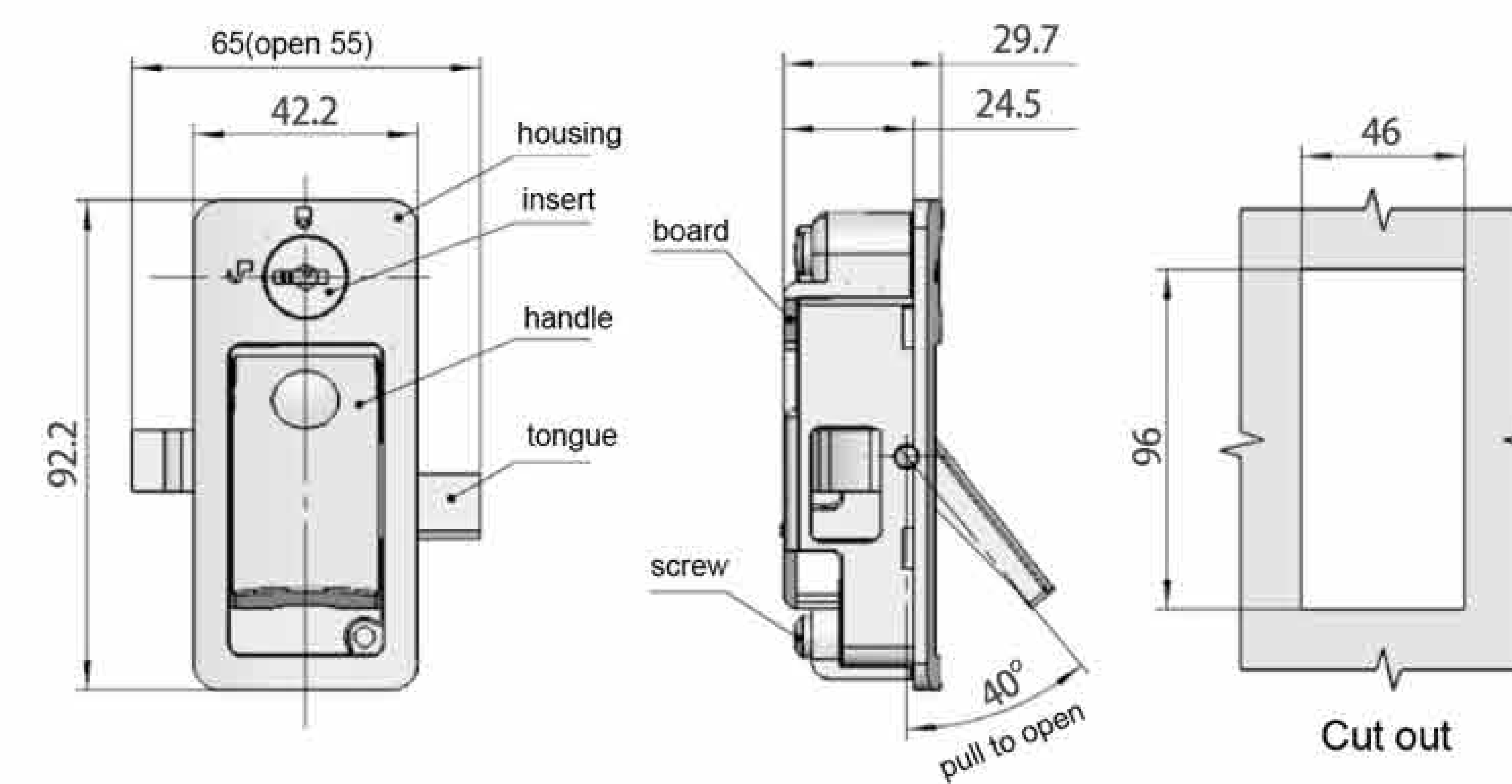
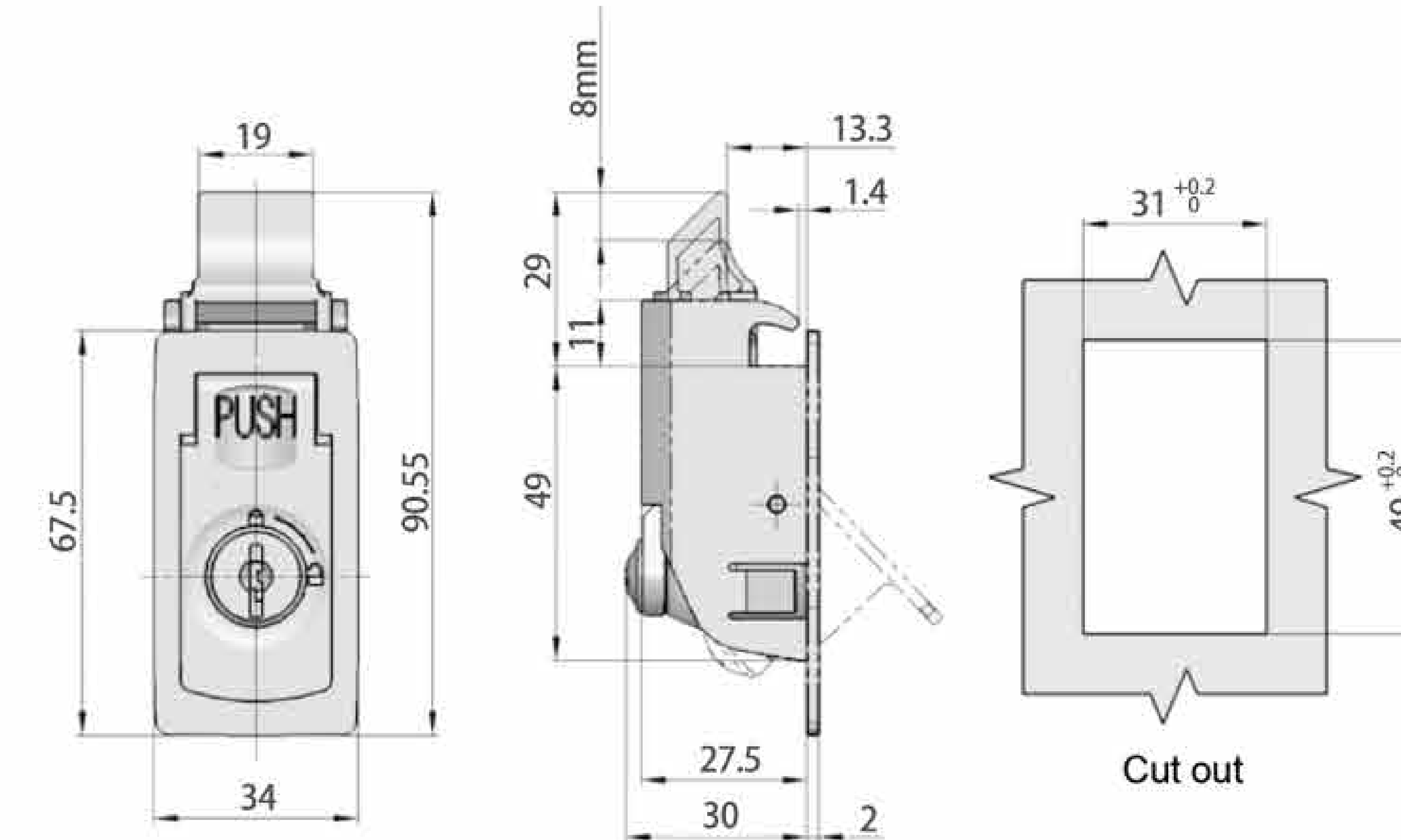
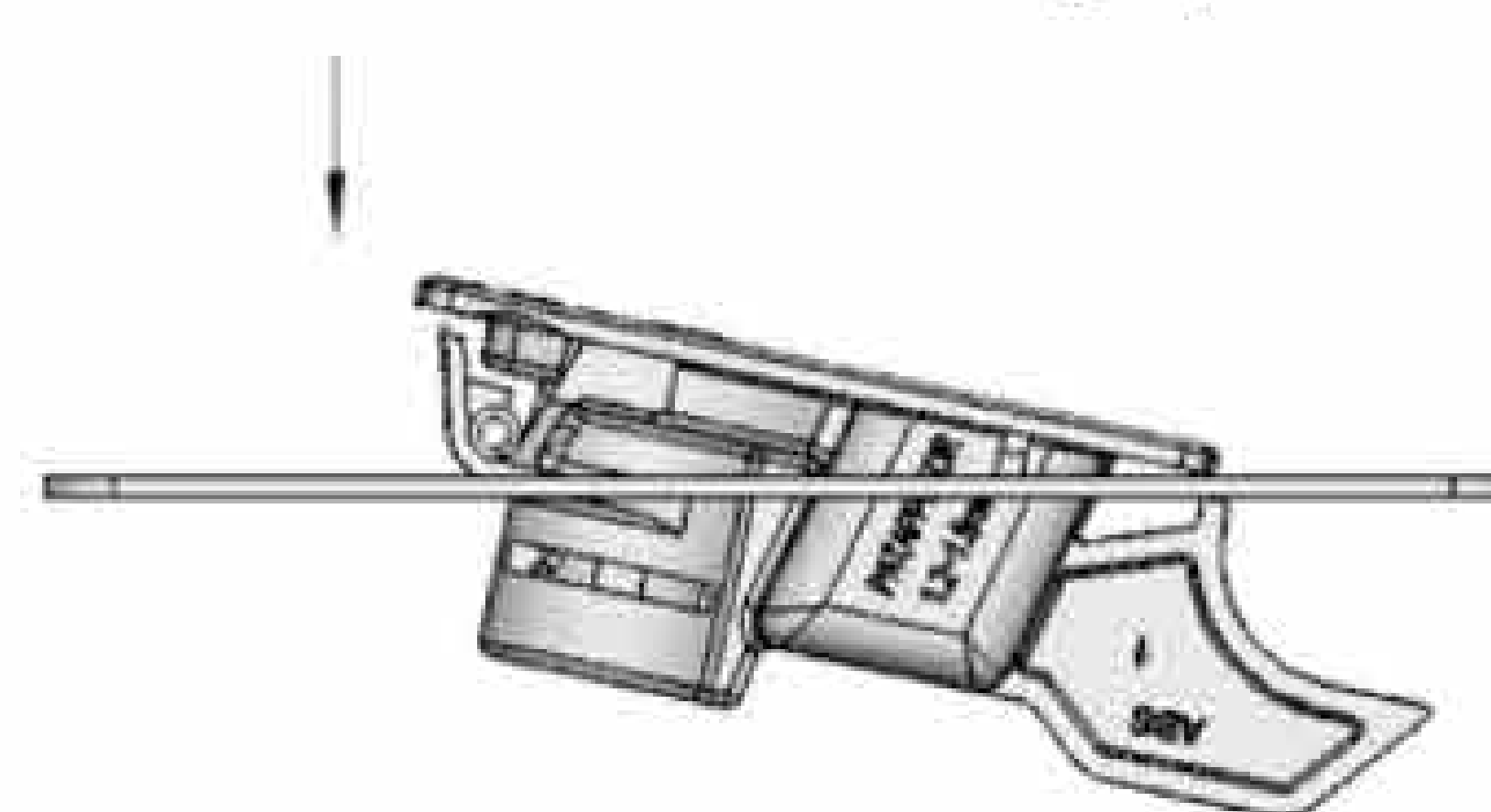
Performance parameter:
Maximum static load: 500N



Insert the front of the toggle to the hole and press it



Make the door in the right position



ML100-3005



Main material and finish: black PA
Application: 90° clockwise rotate the key to open

Remark: Default black K148 key

Performance parameter:
Maximum static load: 245N

ML100-3006



Main material and finish: ABS+PC housing, handle, PC board, insert, ABS latch, tongue, stainless steel screw

Finish: black Instructure Turn the insert to the left, pull the handle for open

Remark: default key K164

Performance parameter:
Maximum static load: 480N

Lock

Hinge

Handle

Draw Latch

Door Stop

Slide

Lock Accessories

Gasket

Lock

Hinge

Handle

Draw Latch

Door Stop

Slide

Lock Accessories

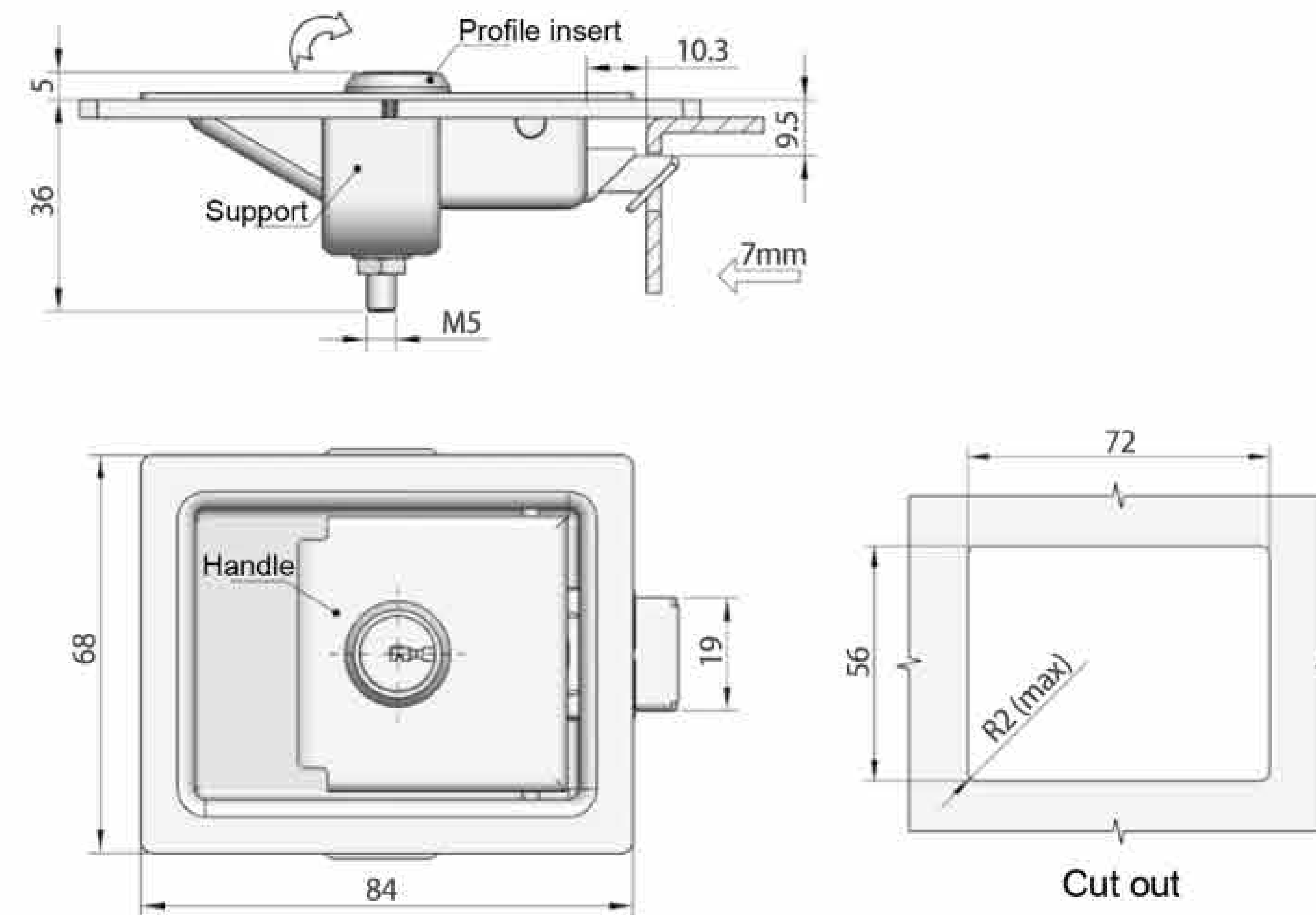
Gasket

ML100-3007



Main material and finish: Black steel cup and handle, sand blast and nickle-plated ZDC profile insert, zinc-plated steel latch, support and riveting screw
Remark: Default key K330

Performance parameter:
Handle load tension capability: ≤200N
Cam loading capability: ≤550N

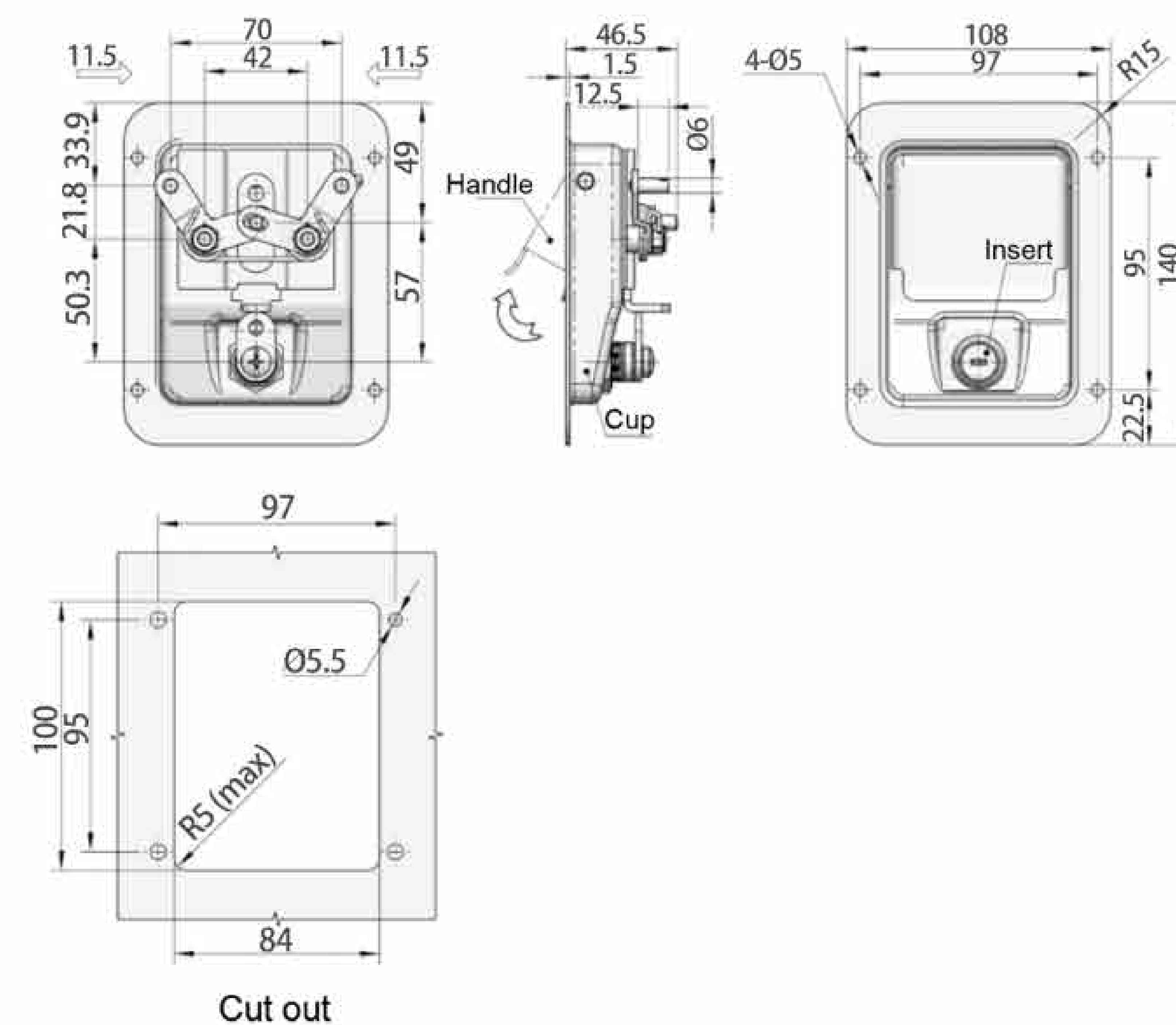


ML100-3009

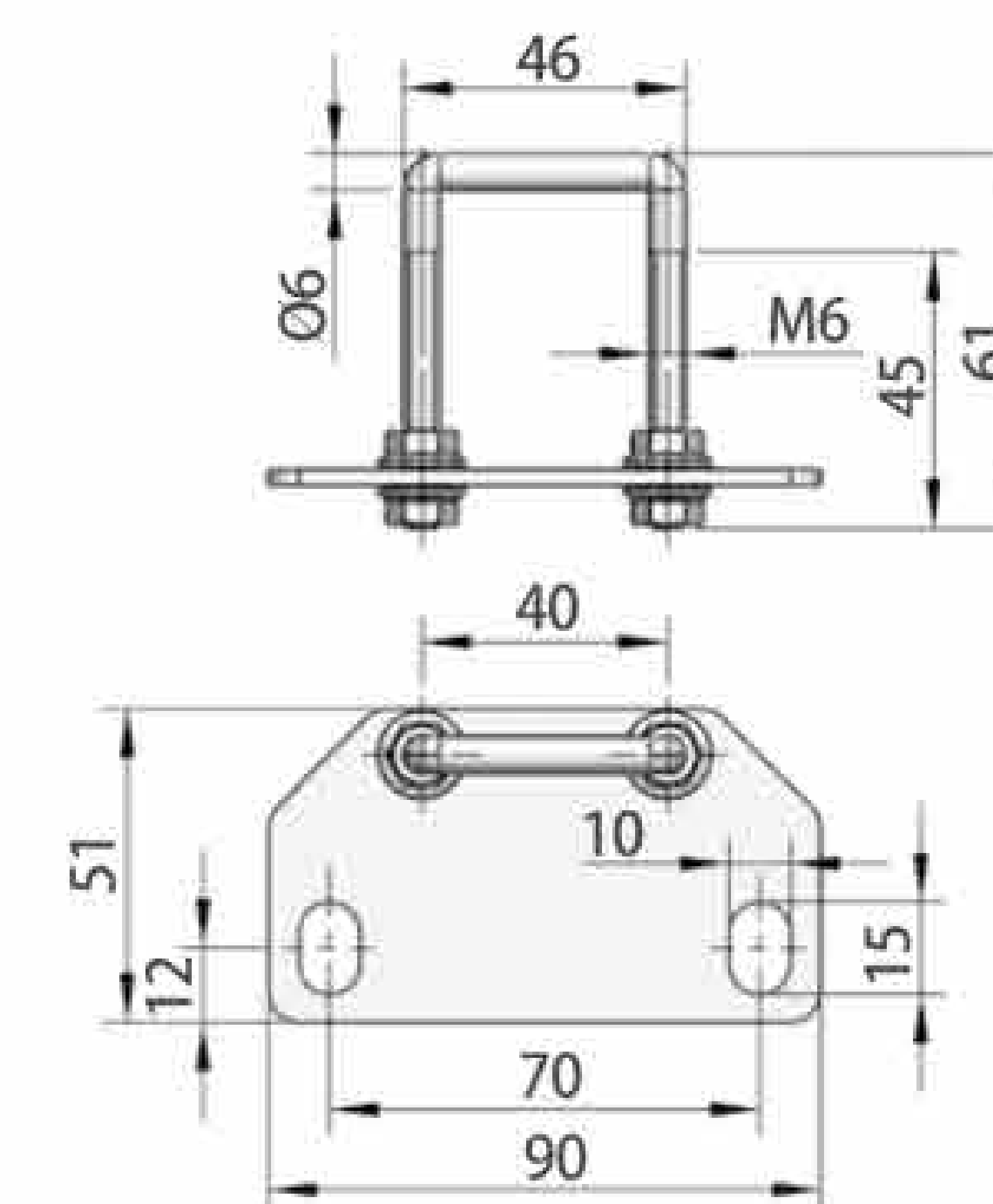


Main material and finish: Mirror polished stainless steel cup and handle, bright chrome-plated ZDC profile insert, zinc-plated other parts
Remark: Default key K082

Performance parameter:
Handle load tension capability: ≤130N



Pull buckle

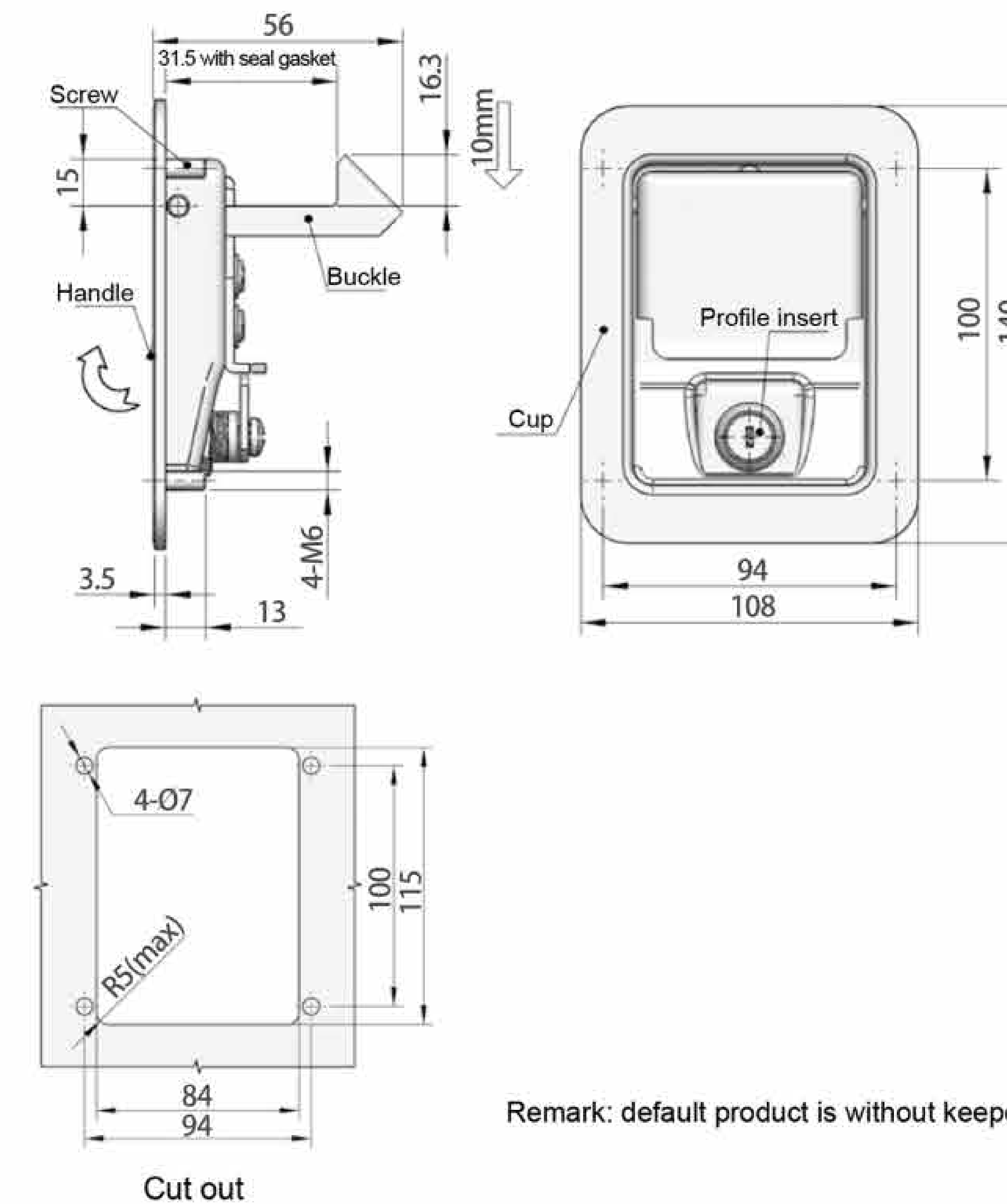


ML100-3008



Main material and finish: Black steel cup and handle, nickle-plated ZDC profile insert, zinc-plated steel latch, support and weld screw
Remark: Default key K082

Performance parameter:
Handle load tension capability: ≤145N
Cam loading capability: ≤800N



Remark: default product is without keeper

Lock

Hinge

Handle

Draw Latch

Door Stop

Slide

Lock Accessories

Gasket

Lock

Hinge

Handle

Draw Latch

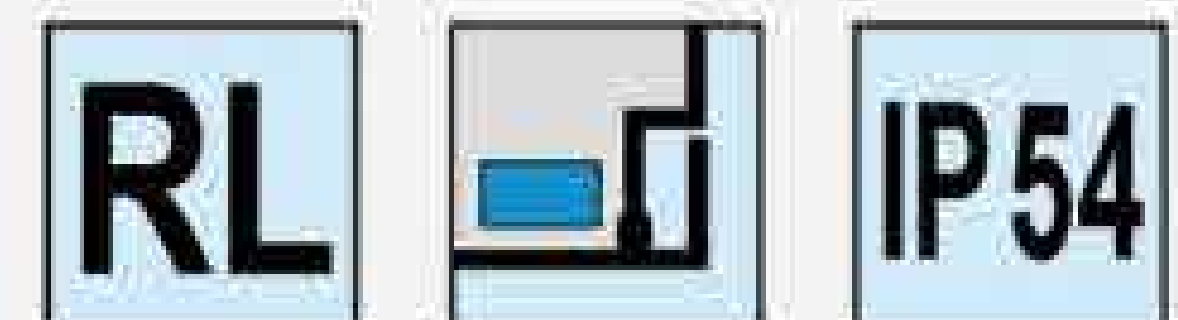
Door Stop

Slide

Lock Accessories

Gasket

ML100-4001



Main material and finish: ZDC housing, handle and shaft, white zinc-plated steel cam

Application: Open the handle upward, quarter-turn rotation opening

Remark: Default K140 key

Default cam: S3B4510

Performance parameter:

Handle load tension capability: $\leq 390\text{N}$

Handle load torque capability: $\leq 12\text{N.m}$

Maximum static load: 300N

ML100-4002



Main material and finish: PA handle, housing, drive box

Application: Quarter-turn opening and close, position device direction to suit RH or LH application;

Remark: Default key K193

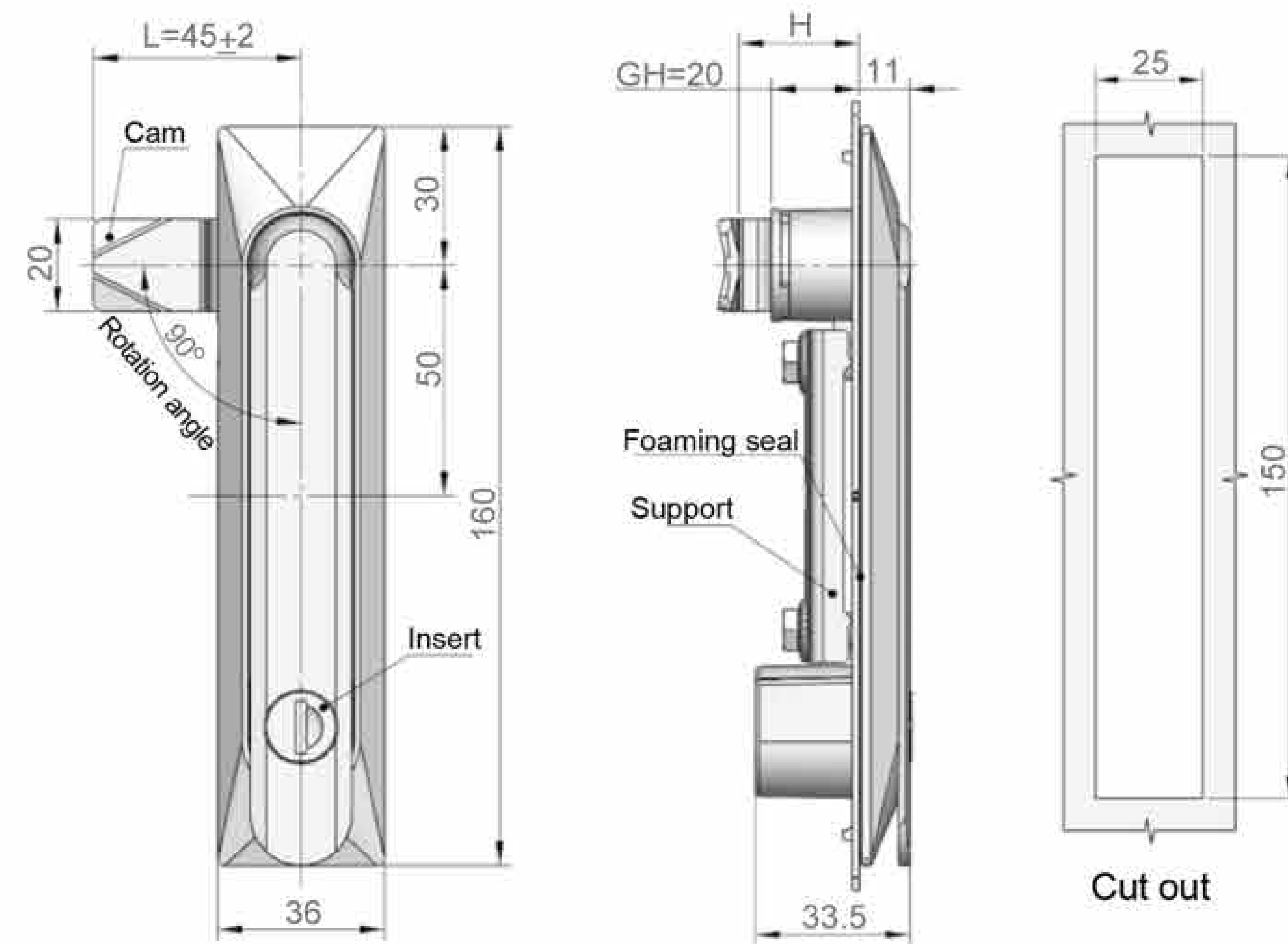
Default cam: S1B4500

Performance parameter:

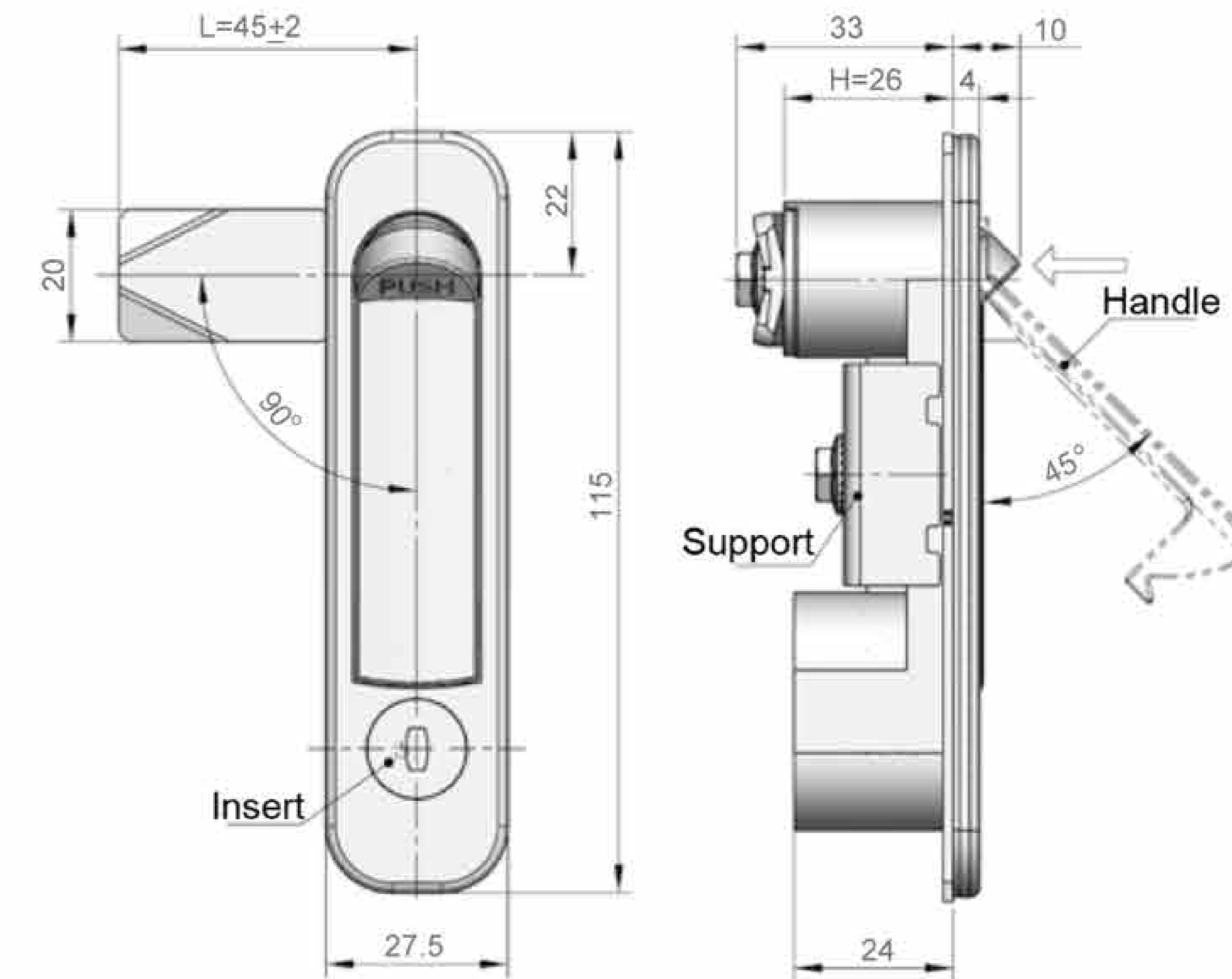
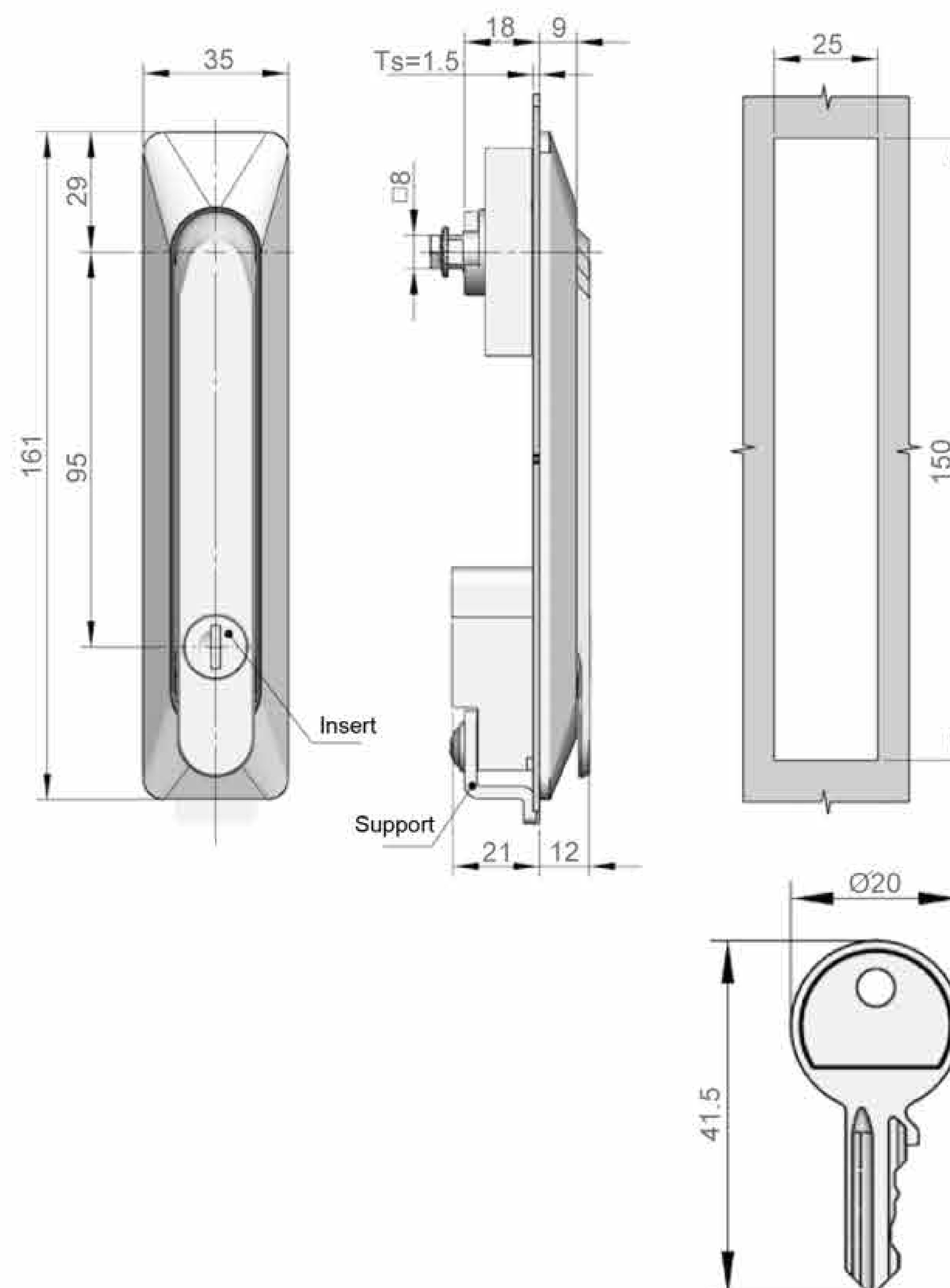
Handle load tension capability: $\leq 115\text{N}$

Handle load torque capability: $\leq 10\text{N.m}$

Maximum static load: 220N



Remark: Default cam S3B4510 (cut size 8*8)



ML100-4003



Main material and finish: Black painting or silvery nanometer painting ZDC handle, housing, zinc plated steel cam and support;

Application: Quarter-turn opening and close, RH or LH application;

Remark: Default key K140

Default cam: S1B4500

Performance parameter :

Handle tension capability: $\leq 350\text{N}$

Handle torque capability: $\leq 25\text{N.m}$

Life test: 5000 times open and close, the function is good

Lock

Hinge

Handle

Draw Latch

Door Stop

Slide

Lock Accessories

Gasket

Lock

Hinge

Handle

Draw Latch

Door Stop

Slide

Lock Accessories

Gasket

ML100-4004



RL IP54

Main material and finish : ZDC handle and housing, steel cam

Application : Handle 90 rotation opening or closing

Remark : Default key K140

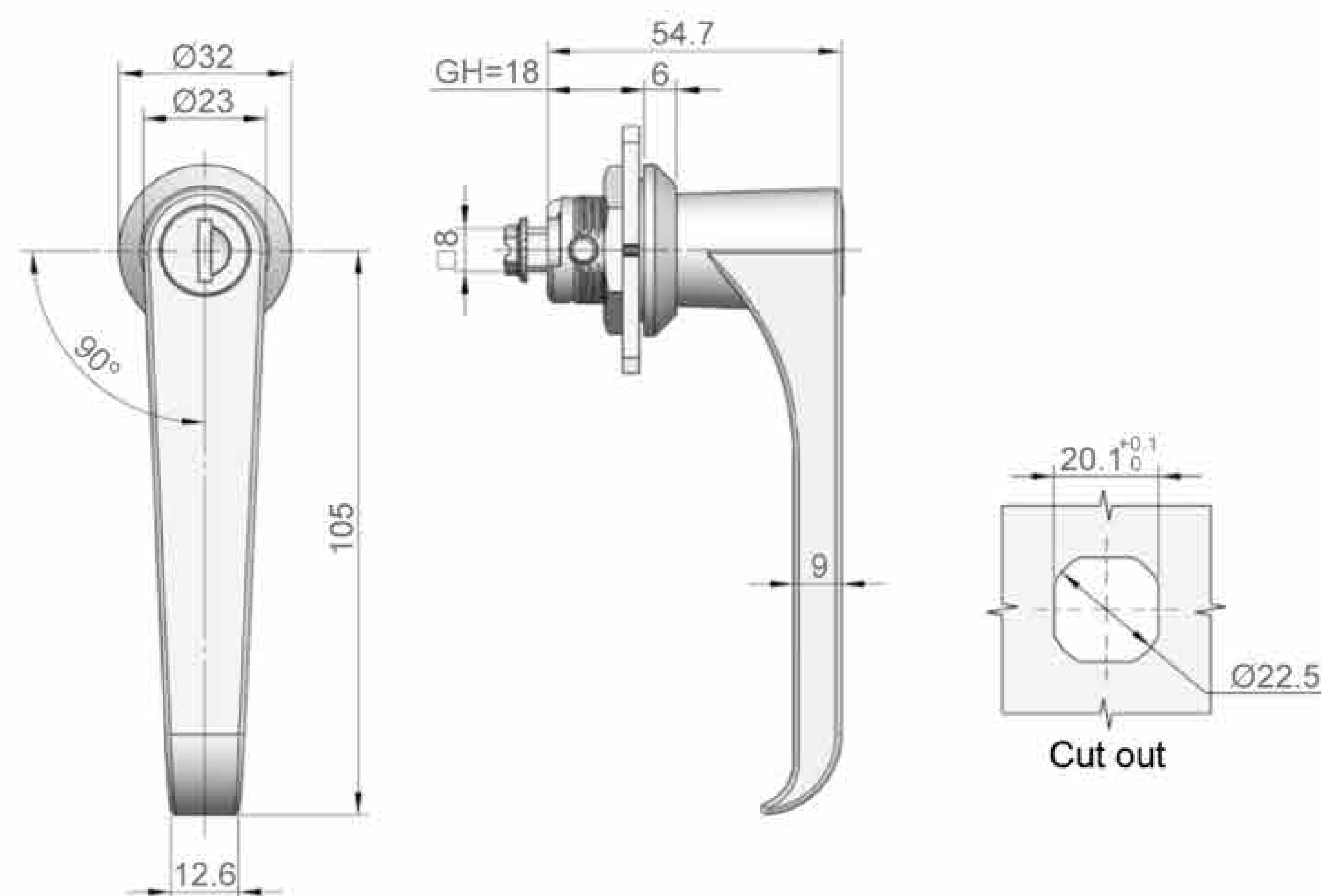
Default cam : DS1B4507

Performance parameter:

Maximum static load:230N

Recommended nut tightening torque:20N.m

Maximum input torque:20N.m



Remark: Default cam DS1B4507 (Square 8*8 cam optional)

ML100-4005



RL IP65 3PL

Main material and finish : Black powder coating ZDC housing and handle, white zinc plating steel cam

Application : 90 degree rotation opening or closing

Remark : Default key K140

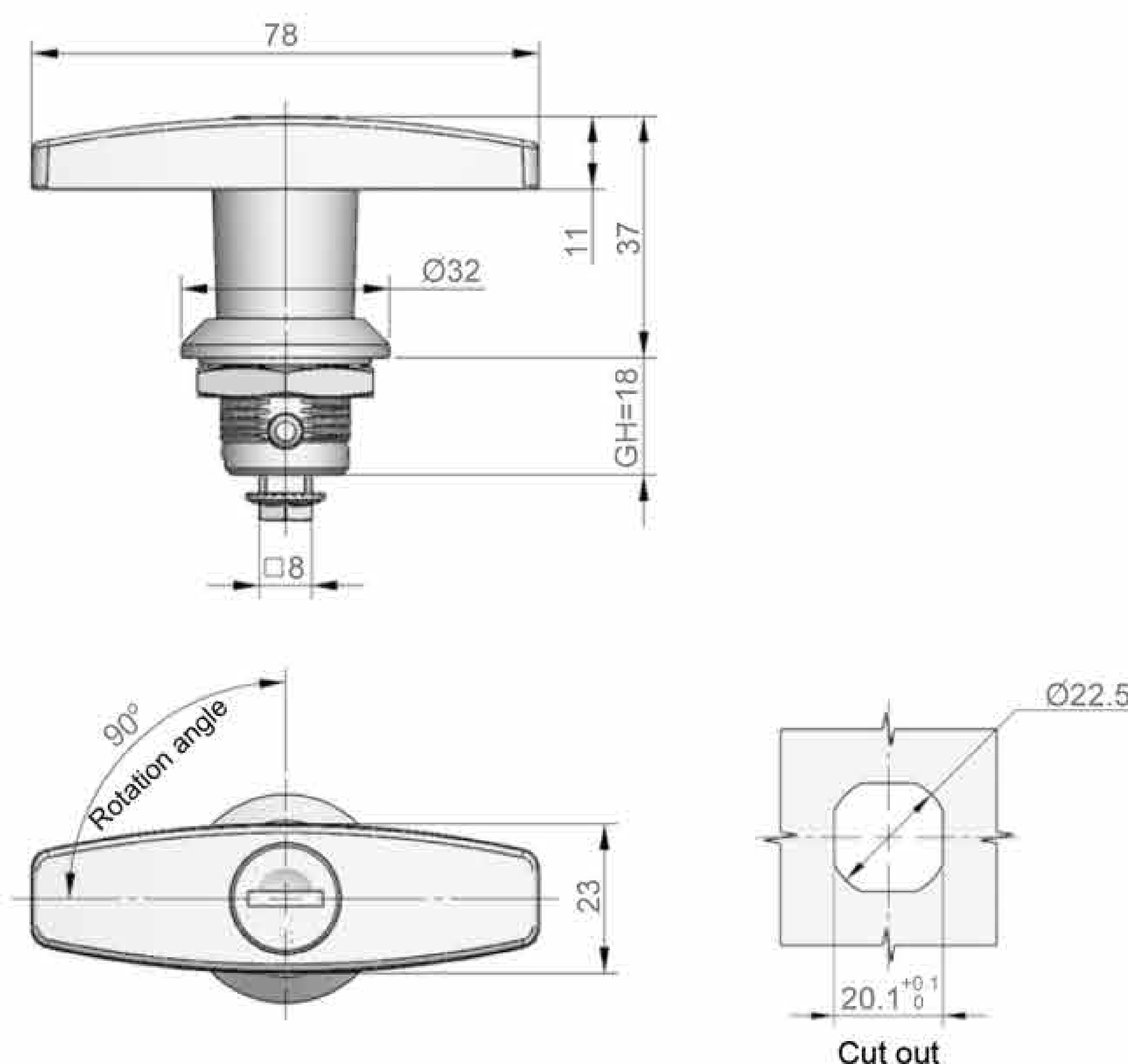
Default cam : DS1B4507

Performance parameter:

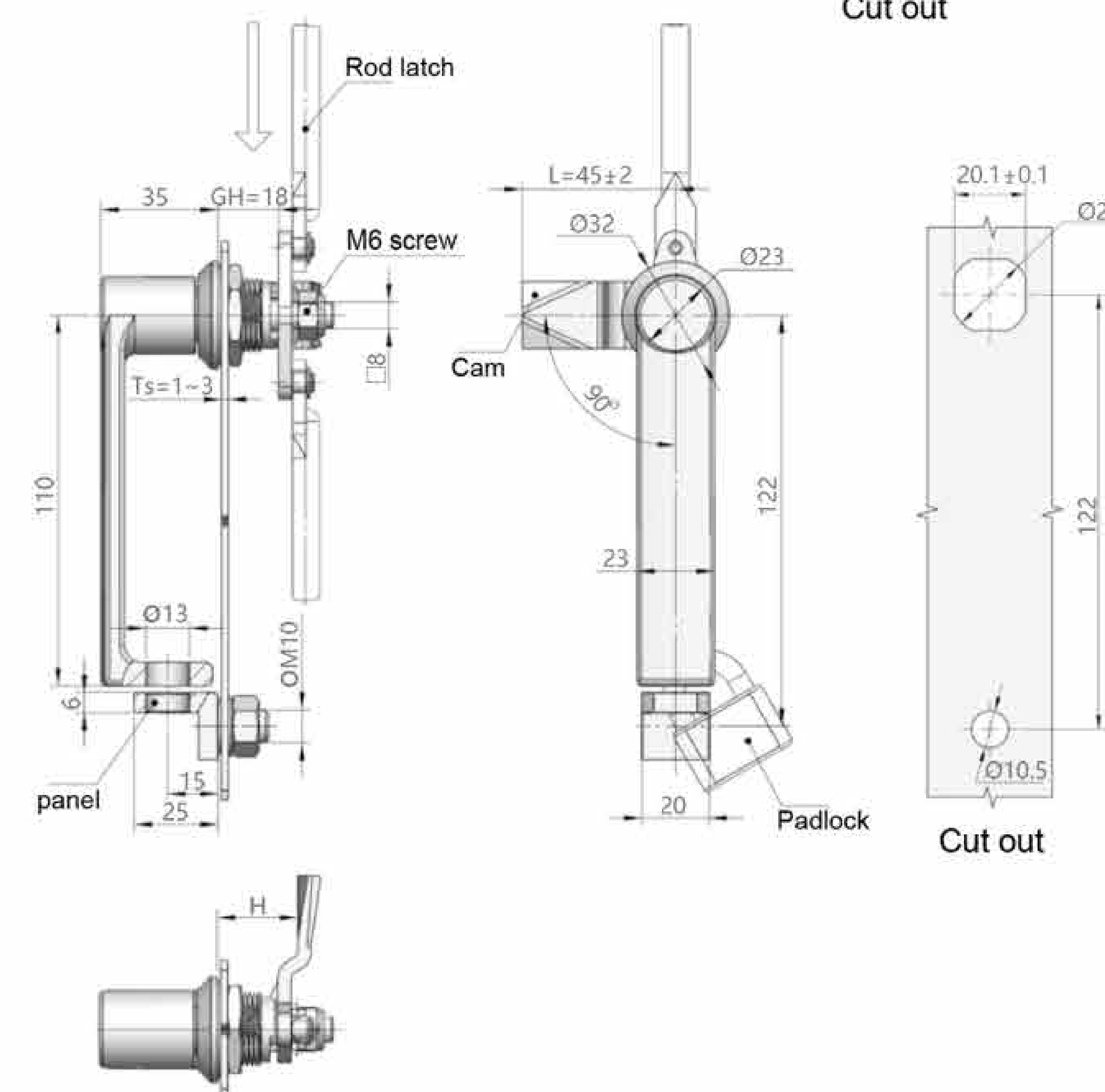
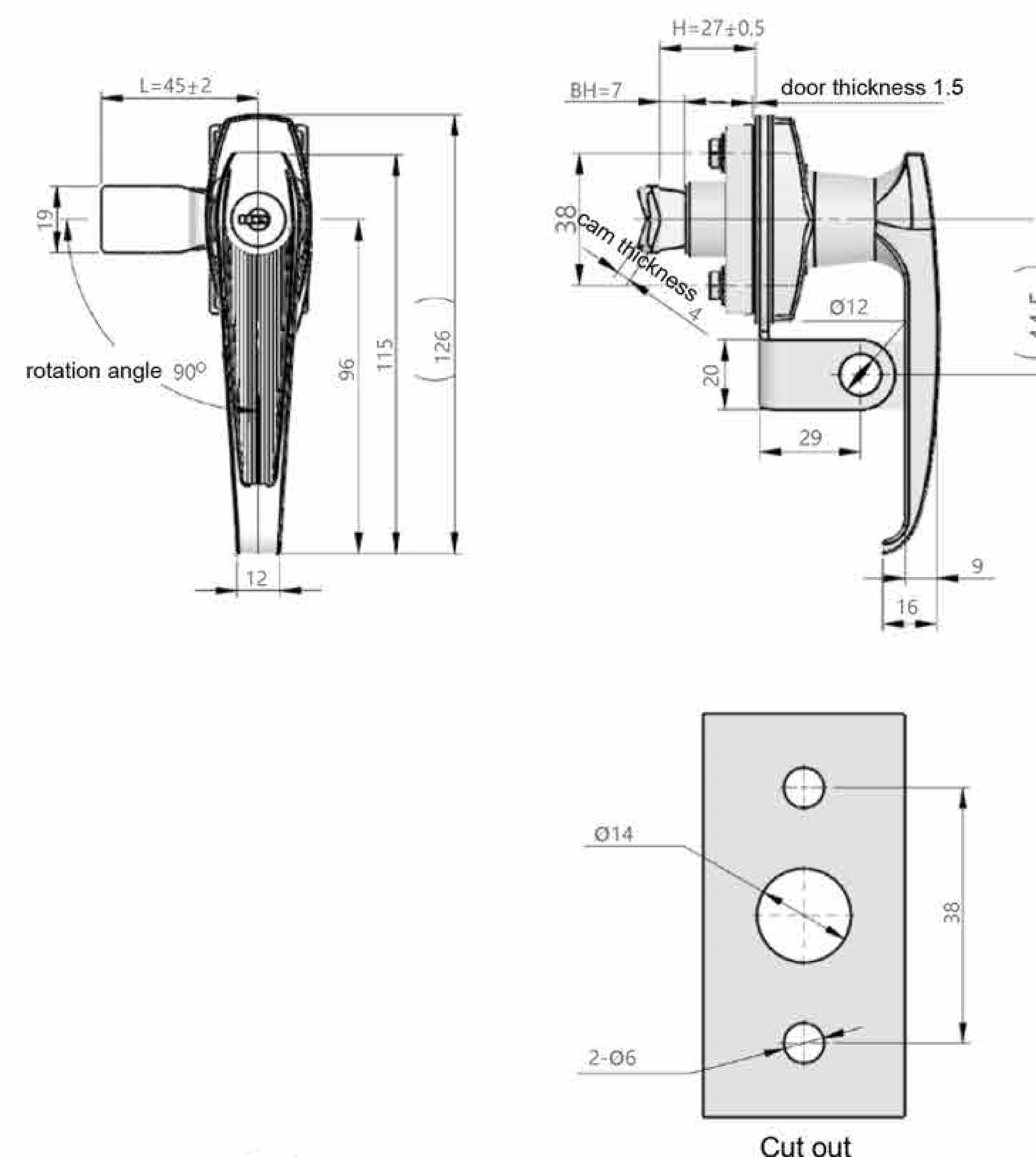
Maximum static load:270N

Recommended nut tightening torque:20N.m

Maximum input torque:20N.m



Remark : Default cam DS1B4507 (square 8*8 cam optional)



Remark : Default cam DS3B4506 (square 8*8 cam optional)

ML100-4006



RL IP55

Main material and finish:Right chrome ZDC handle,housing,color zinc plated shaft.

Application:Quarter-turn opening and closing.

Remark:Default key K280

Performance parameter

Handle load tension capability:780N

Recommended nut tightening torque:5N.m

Maximum input torque:15N.m

ML100-4007



RL IP54 3PL

Main material and finish : Black powder coated ALU handle and lock panel,ZDC housing,white zinc plated steel cam

Application : Quarter-turn opening or closing, padlock available

Default cam : DS3B4506

Performance parameter:

Maximum static load:270N

Maximum input torque:20N.m

Lock

Hinge

Handle

Draw Latch

Door Stop

Slide

Lock Accessories

Gasket

Lock

Hinge

Handle

Draw Latch

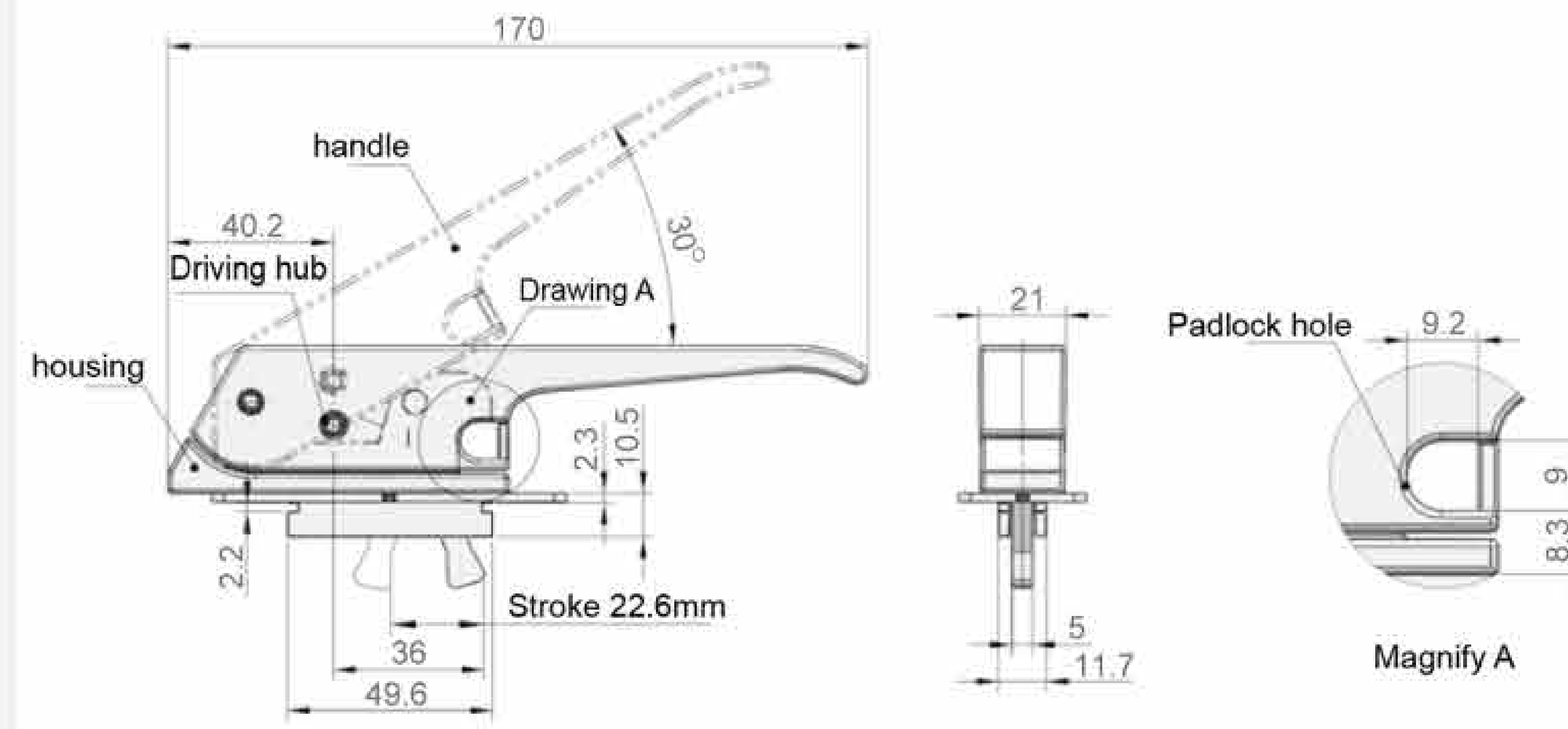
Door Stop

Slide

Lock Accessories

Gasket

ML100-4008

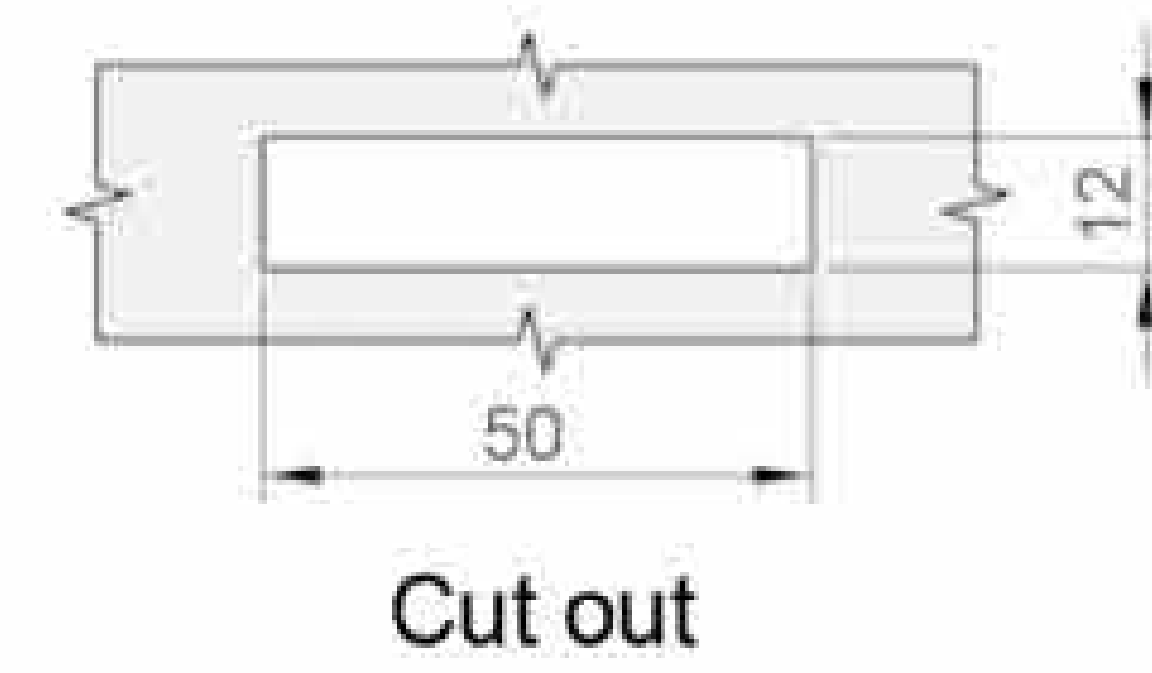


Main material and finish : Black powder coated ZDC housing, handle, white zinc-plated steel cam

Application : Handle combines with latch

Performance parameter:

Handle load tension capability:100N



Remark : Lock driving part prepared by user

ML100-4012



Main material and finish: Stainless steel lock-body and cam, PA dish

Application: Open the handle upward, quarter-turn opening or closing

Remark: Default profile insert TC01

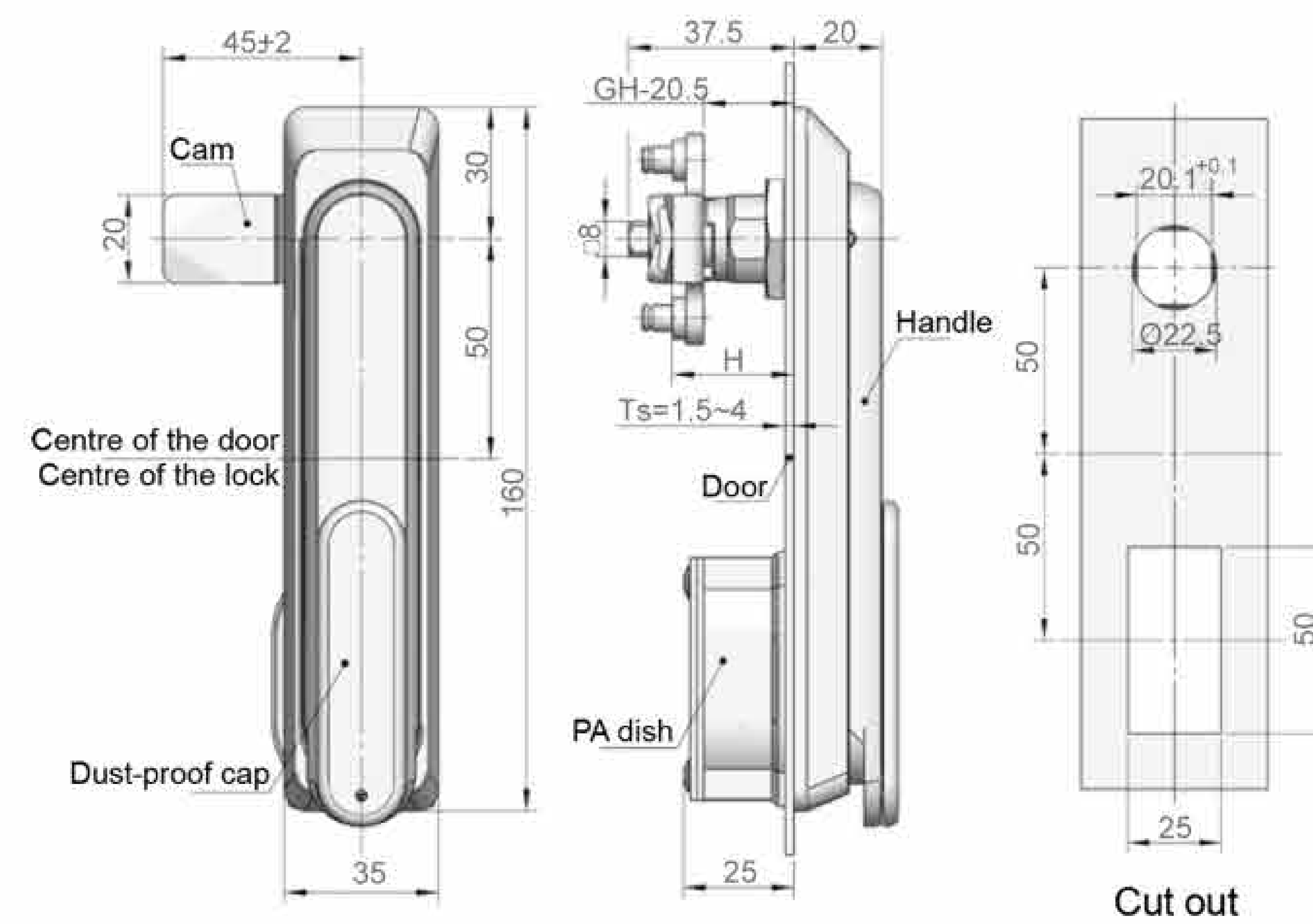
Default cam: S3B4501

Performance parameter:

Handle load tension capability:≤485N

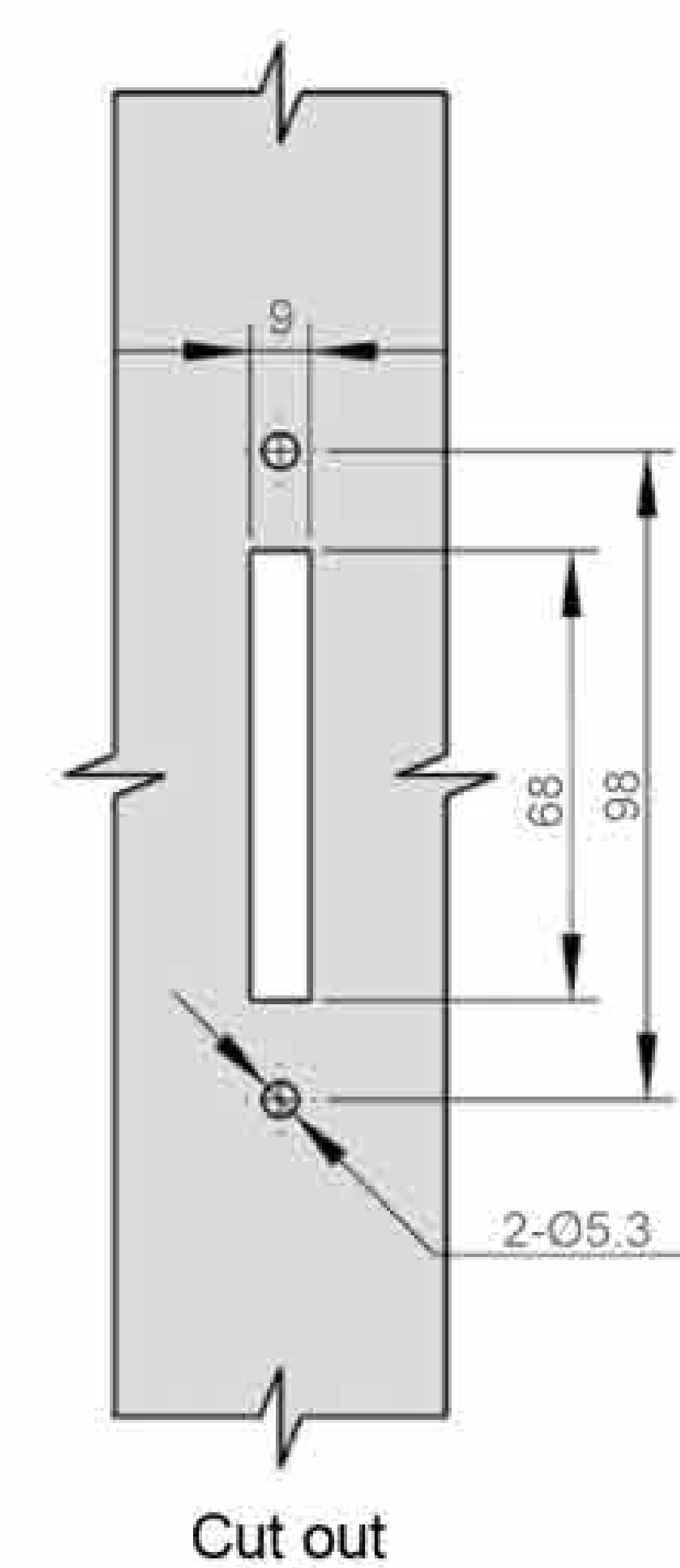
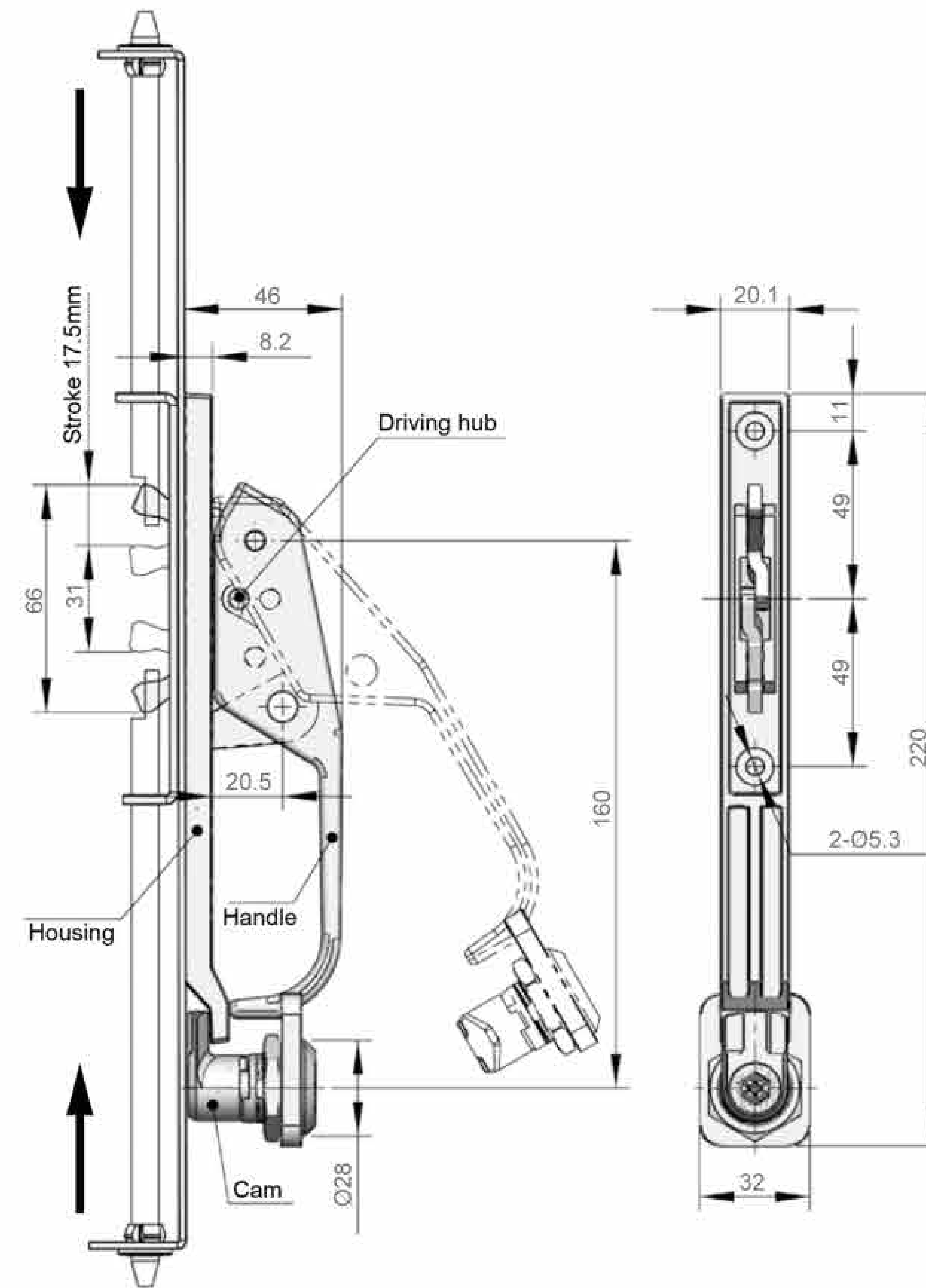
Handle load torque capability: ≤25N.m

Maximum static load: 300N

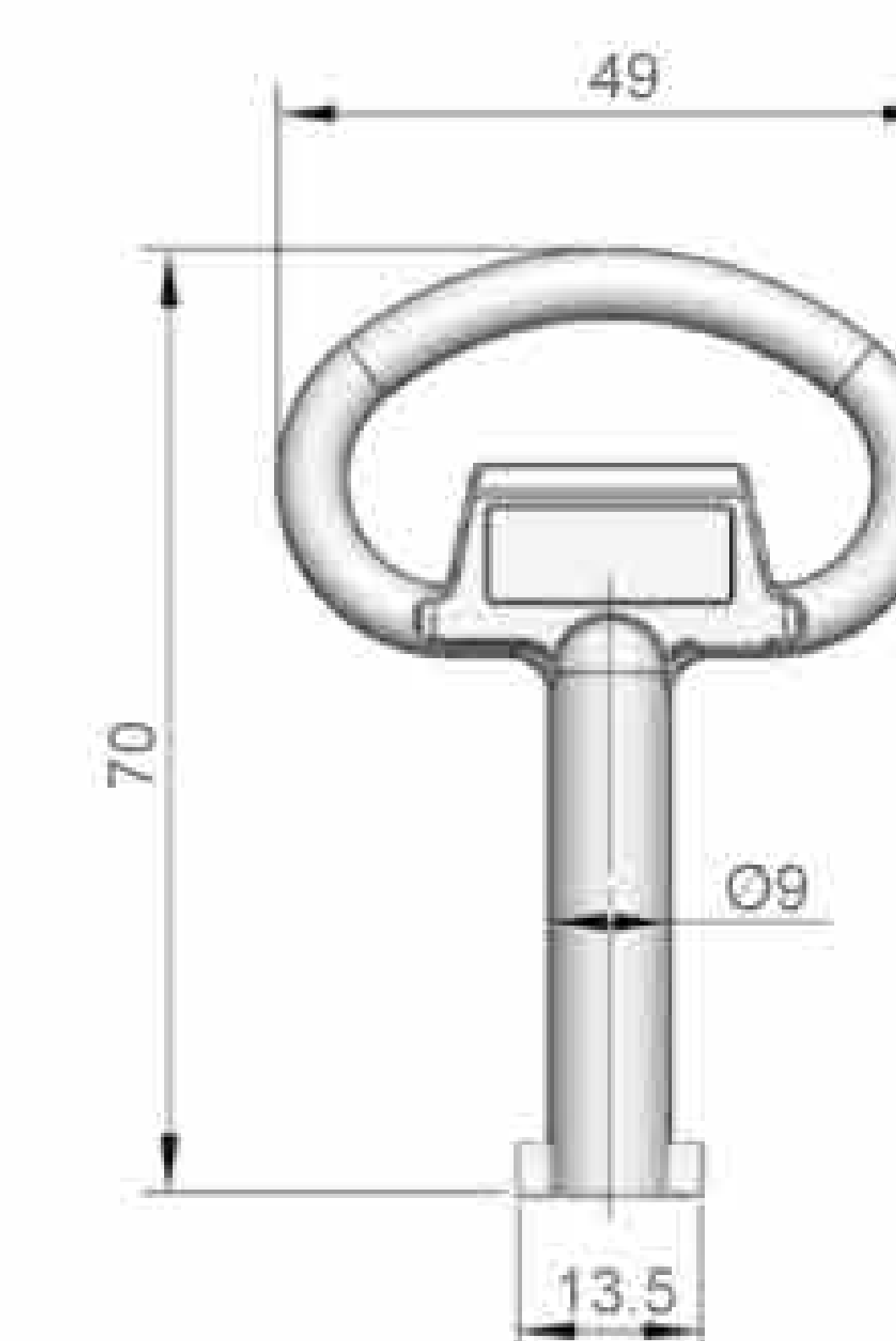


Remark: Default cam S3B4510, H=20.5+10, default profile insert TC01. Cam cutout square 8mm, optional cam, three-point, two-point or one-point cam, see cam list on P007

Remark: Default cam S3B4510



Select K15 series as per various inserts



ML100-4009



Main material and finish : Blue gray (RAL 7012) powder coated ZDC housing, handle and cylinder barrel

Application : Handle combines with latch, rod-latch system on sketch is just for reference, generally prepared by user

Remark : Optional K15-01C

Performance parameter:

Handle load tension capability:1350N

Lock

Hinge

Handle

Draw Latch

Door Stop

Slide

Lock Accessories

Gasket

Lock

Hinge

Handle

Draw Latch

Door Stop

Slide

Lock Accessories

Gasket

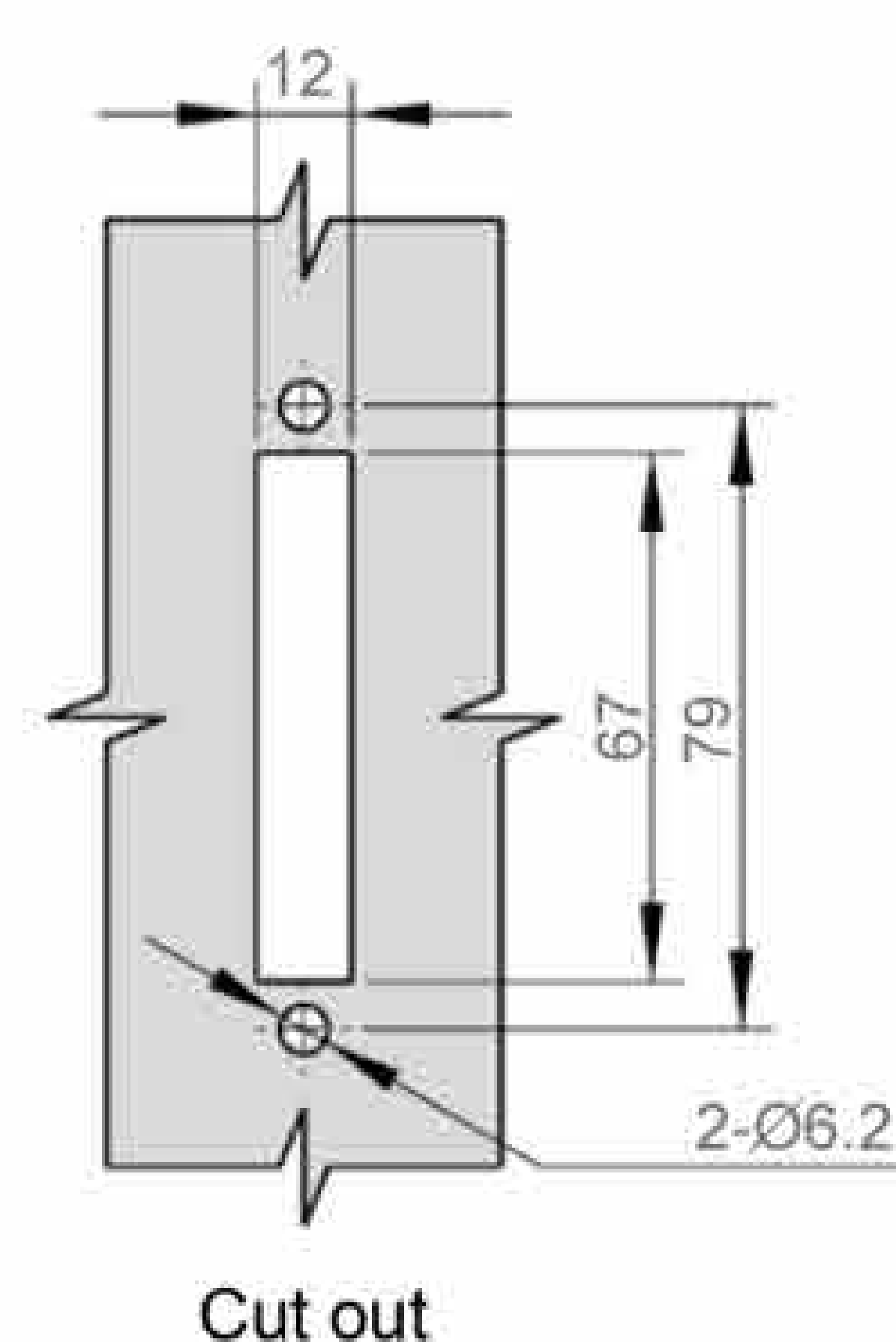
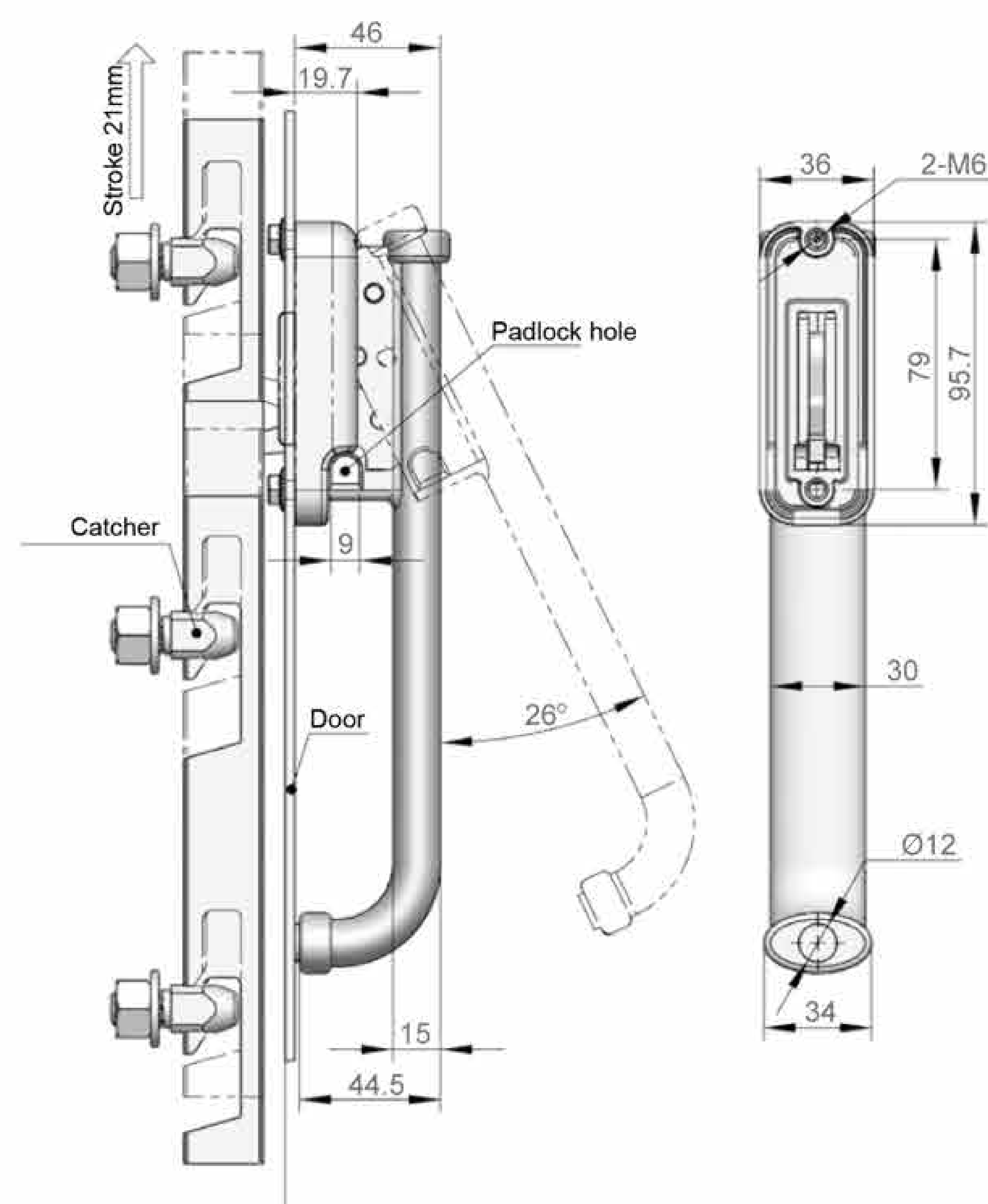
ML100-4010



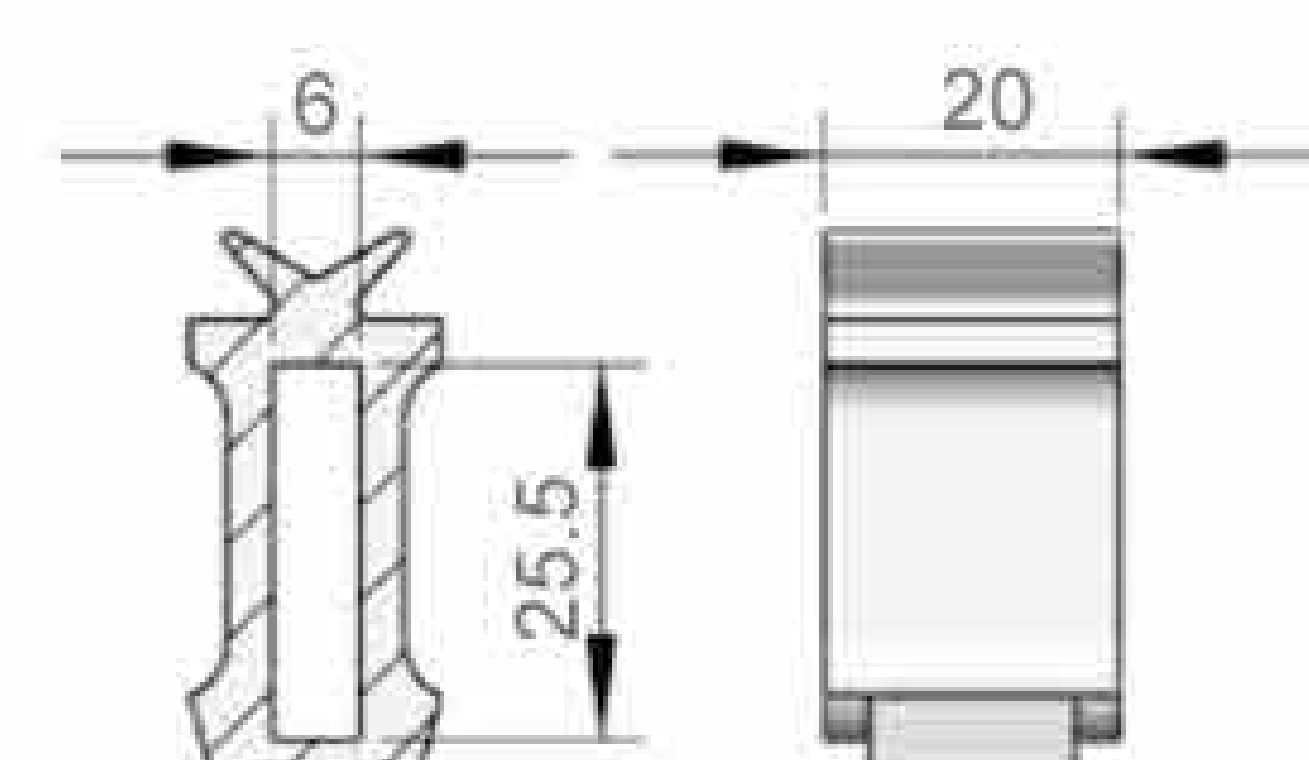
Main material and finish : Blue gray (RAL 7012) powder coated ZDC housing, and handle

Application : Handle combines with latch, rod-latch system on sketch is just for reference, generally prepared by user

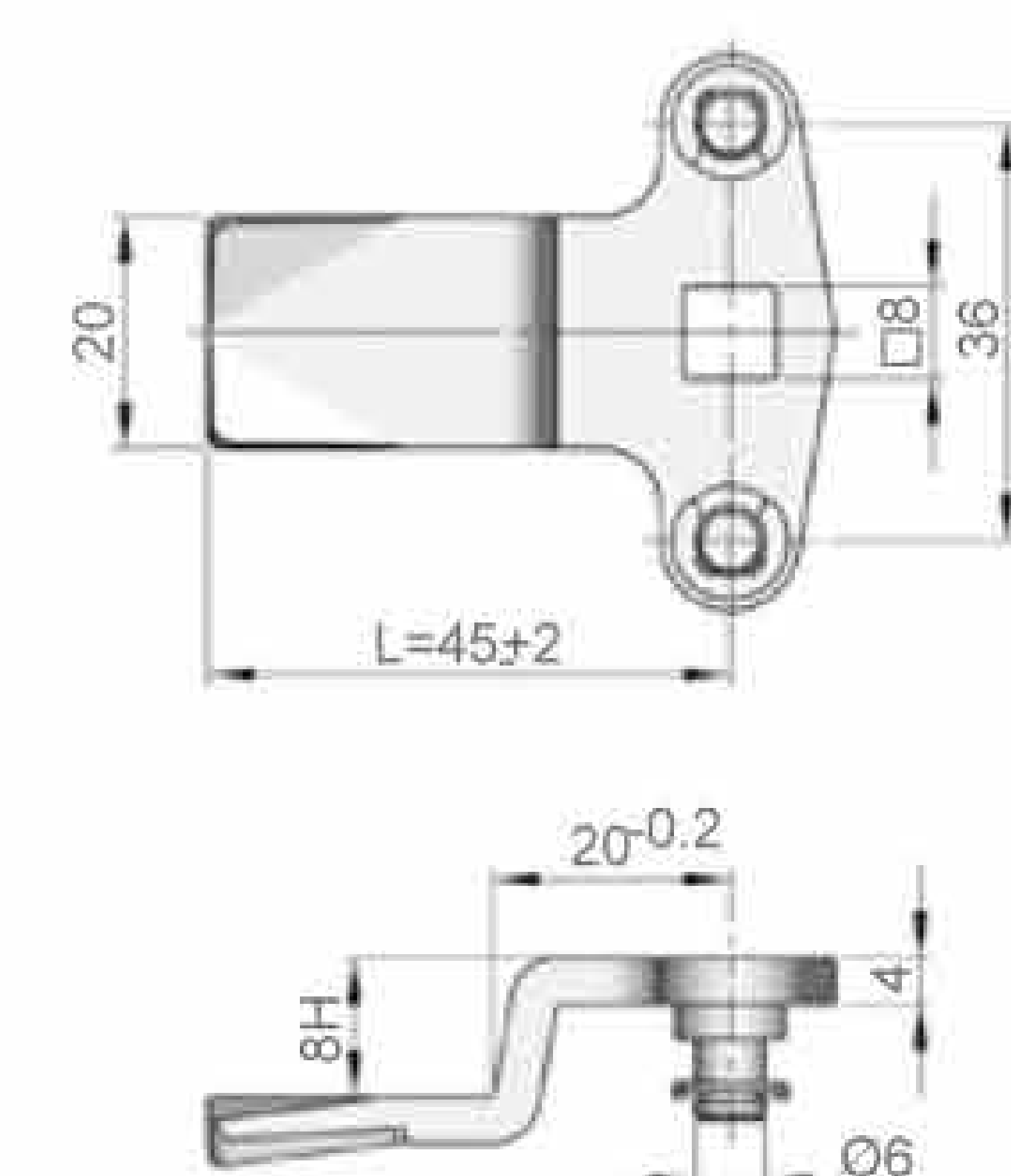
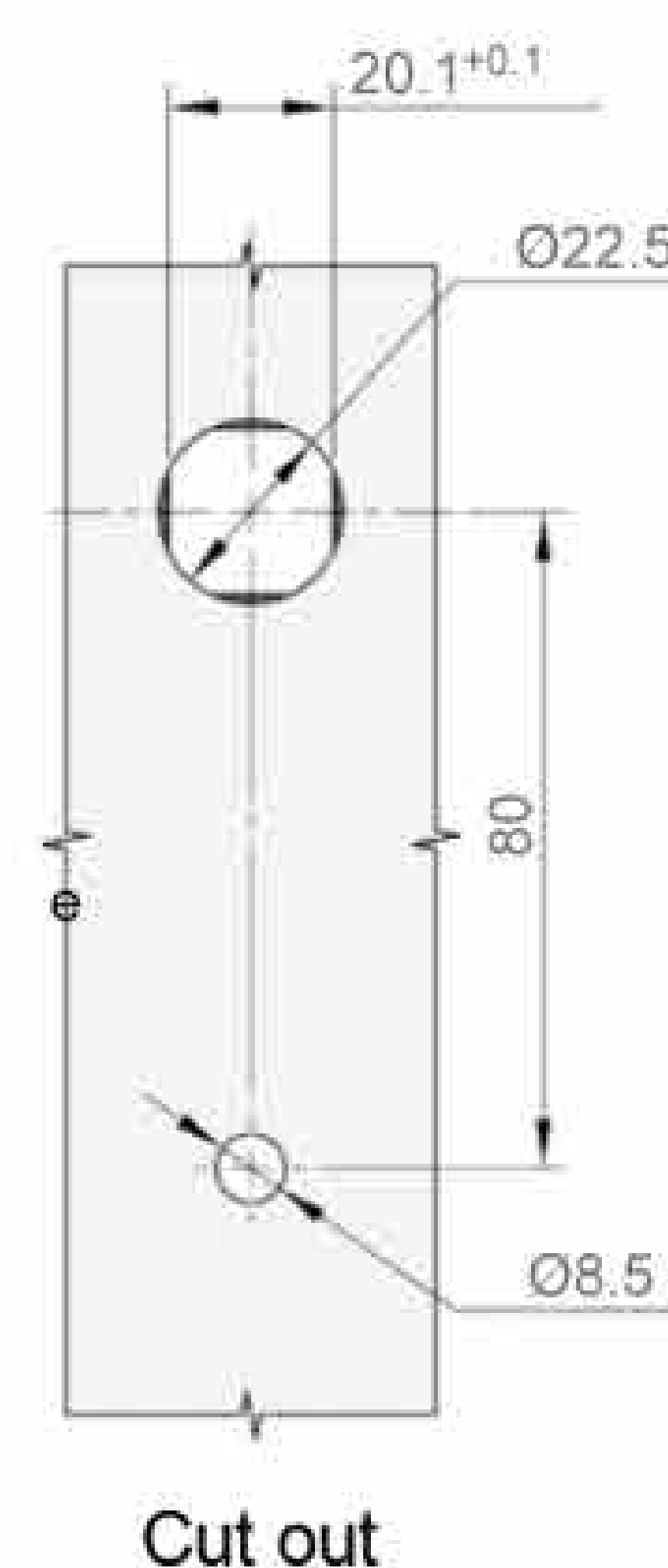
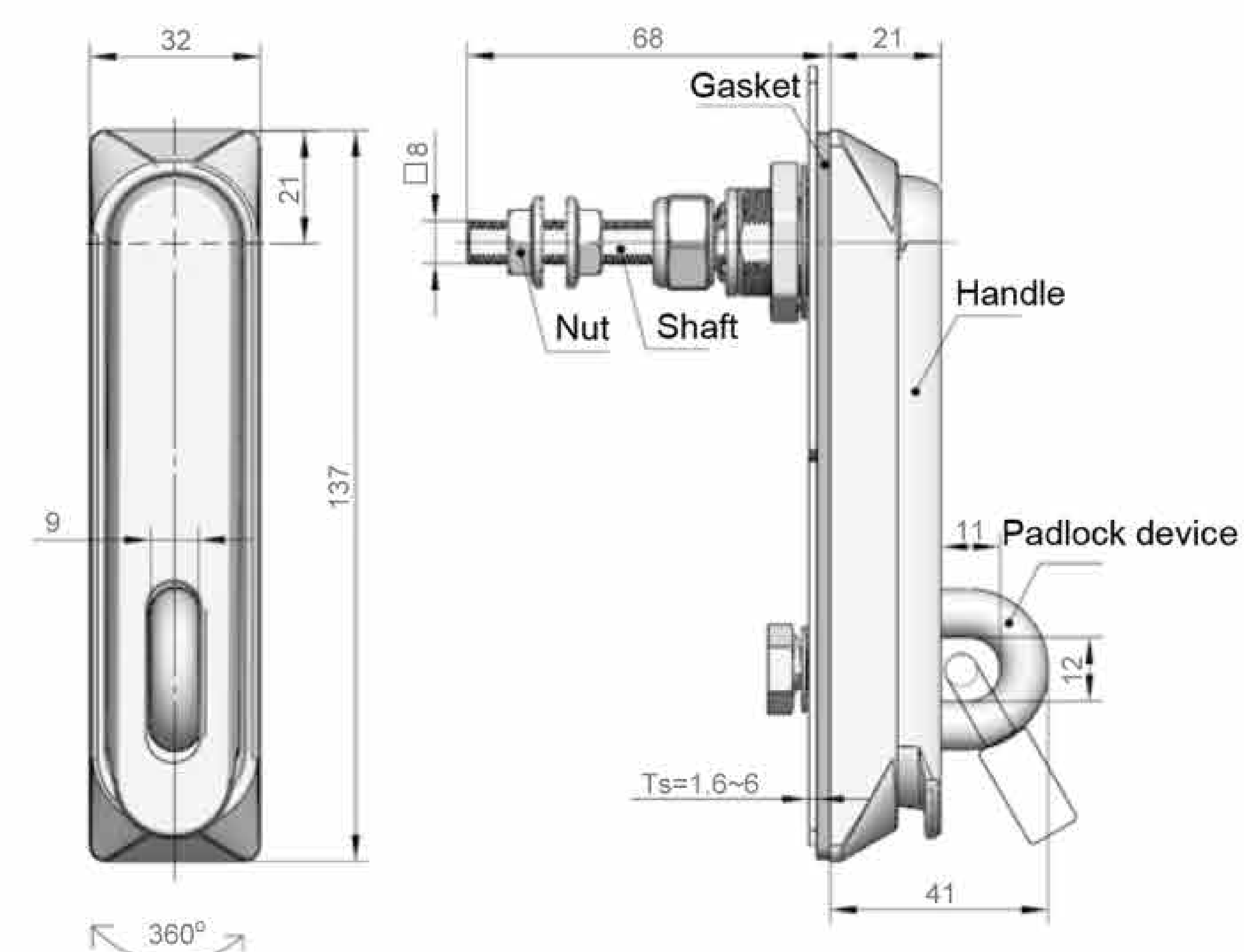
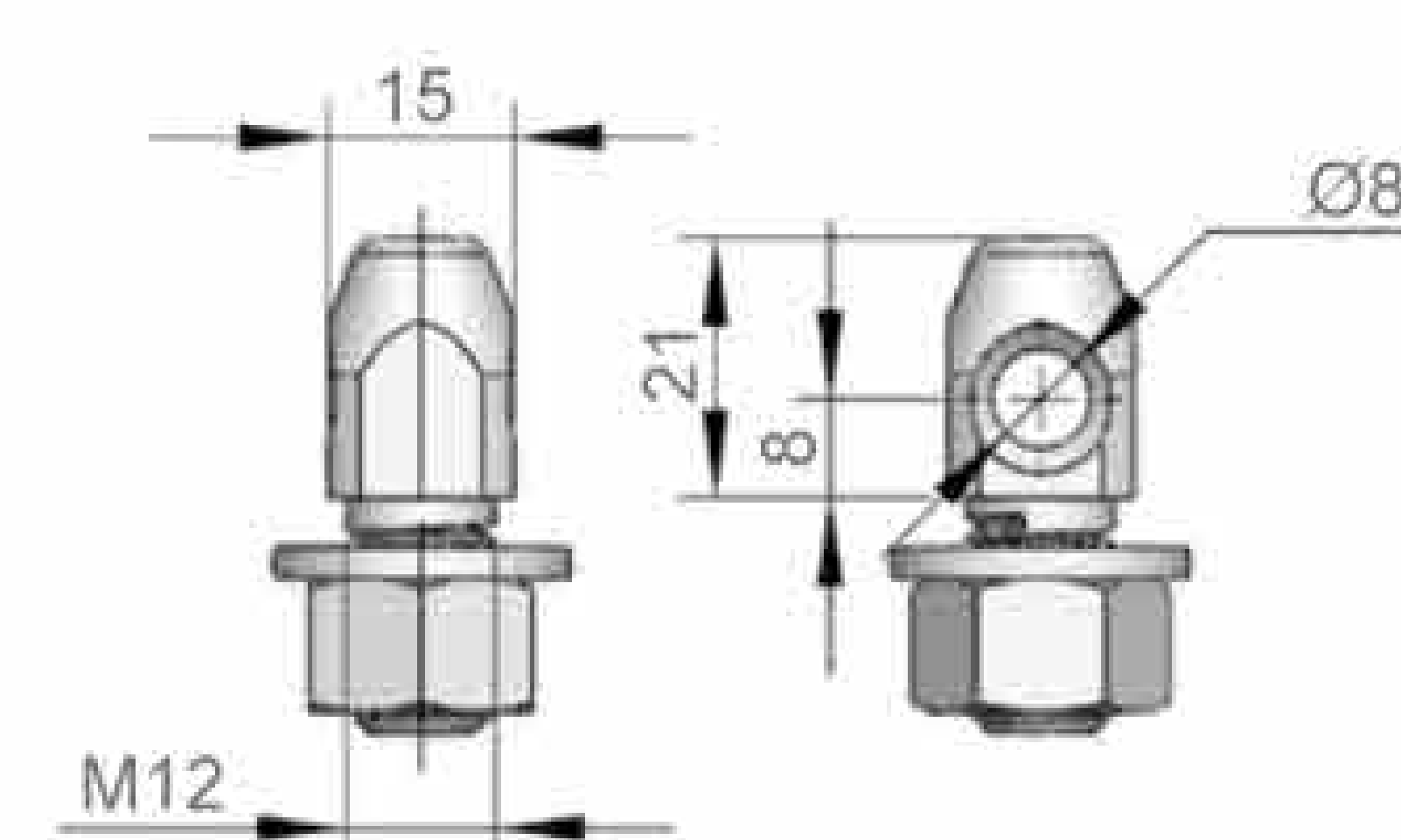
Performance parameter:
Handle load tension capability: 1800N



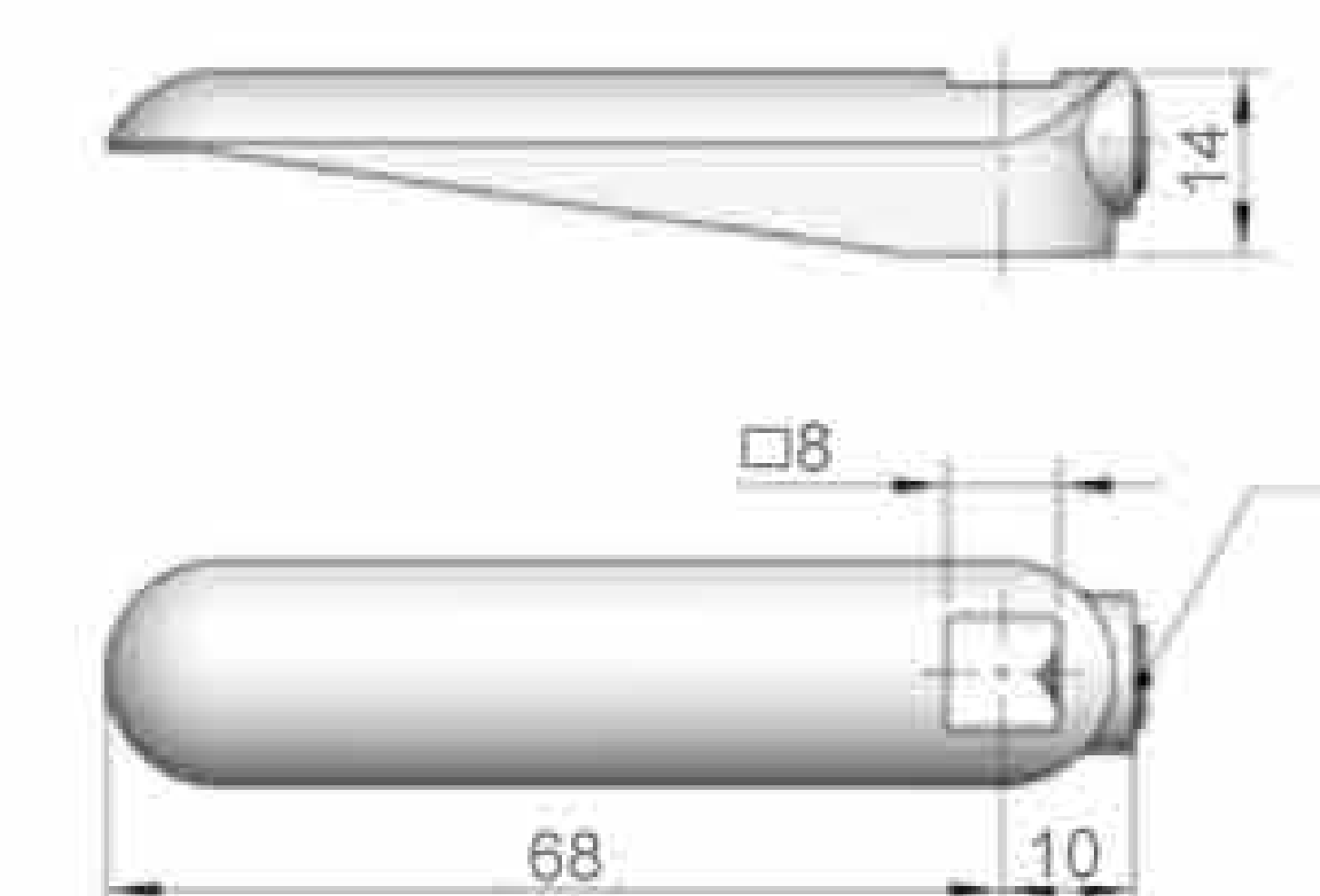
PA guider (Optional)



Catcher (Optional)

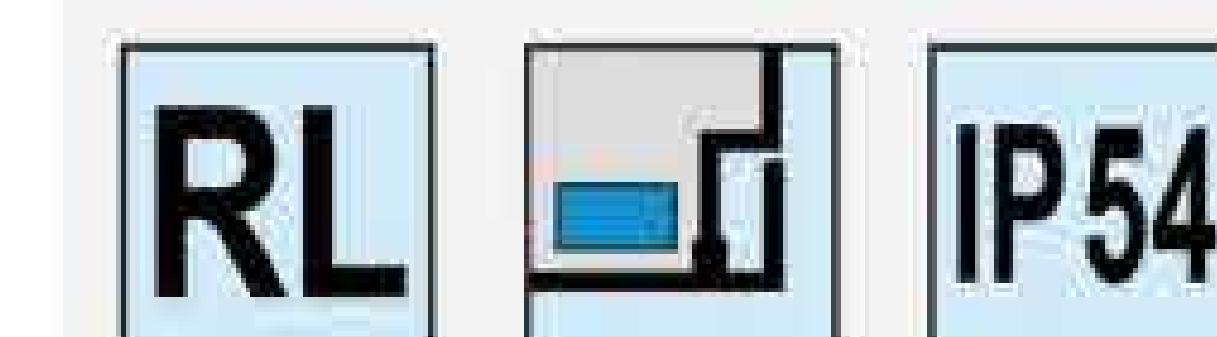


Default cam S3B4500



Optional cam S1B6800X

ML100-4011



Structure: The H dimension can be adjusted by nut, padlock available

Performance parameter:
Handle load tension capability: ≤280N
Handle load torque capability: ≤42N.m
Maximum static load: 300N

Lock

Hinge

Handle

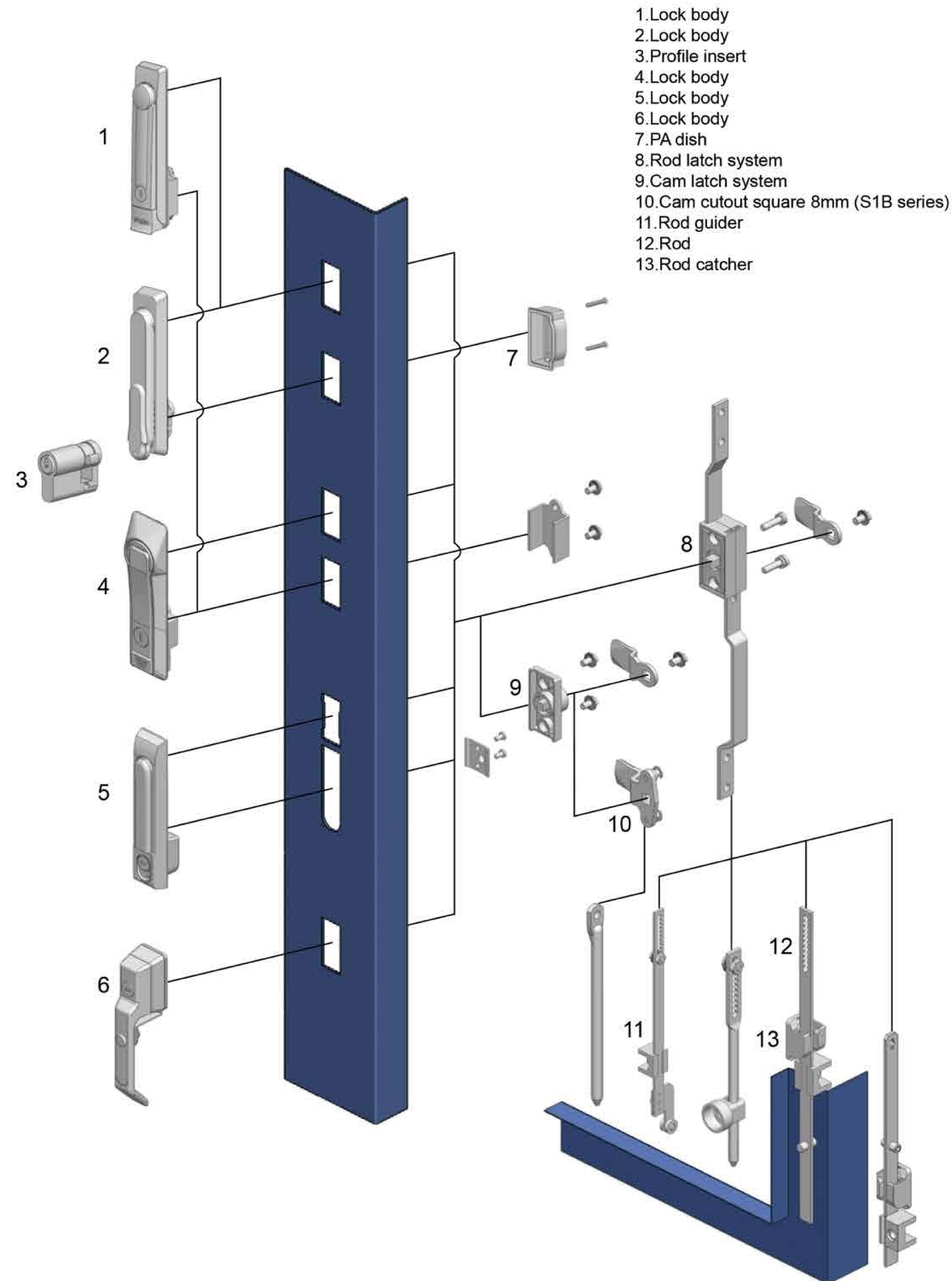
Draw Latch

Door Stop

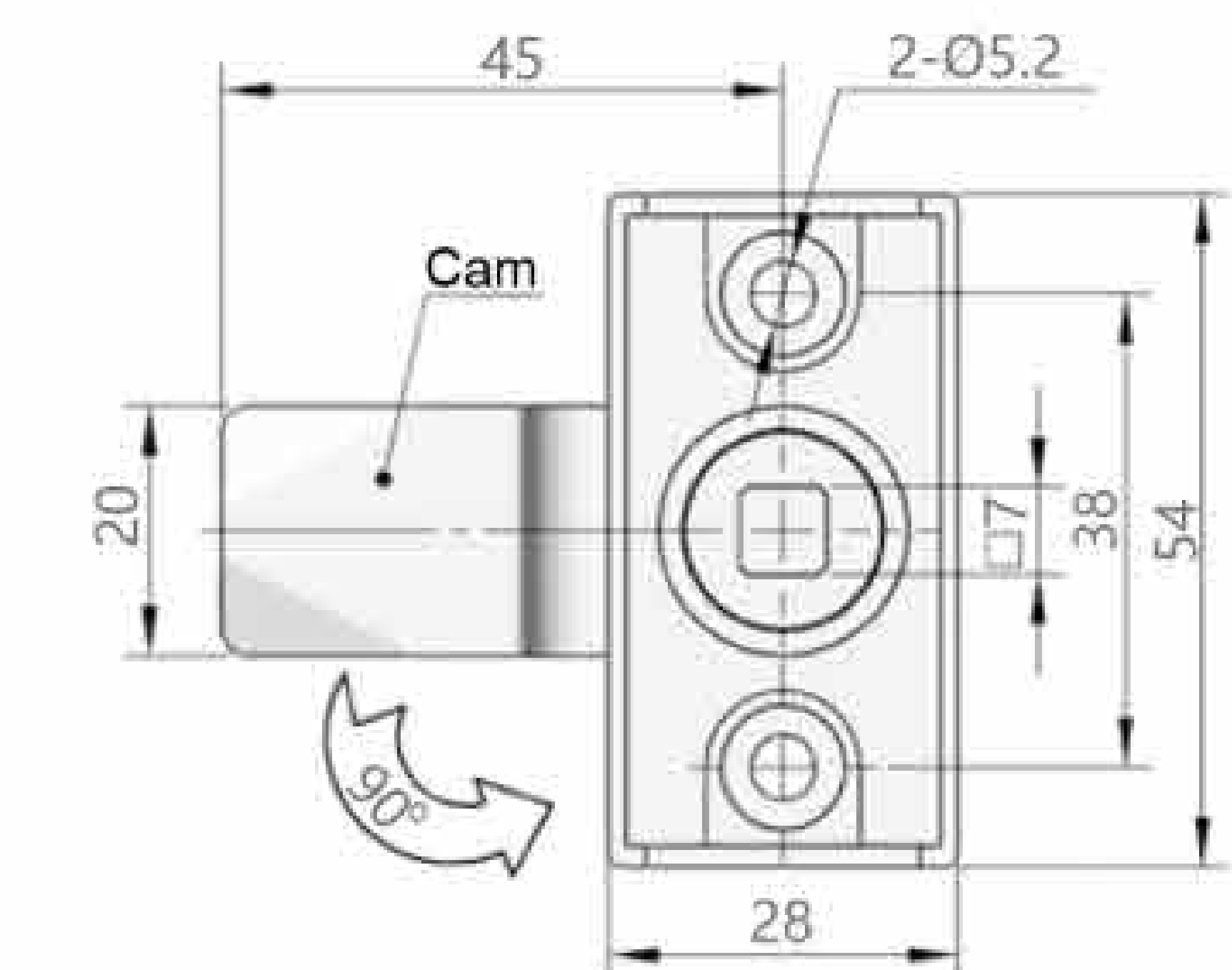
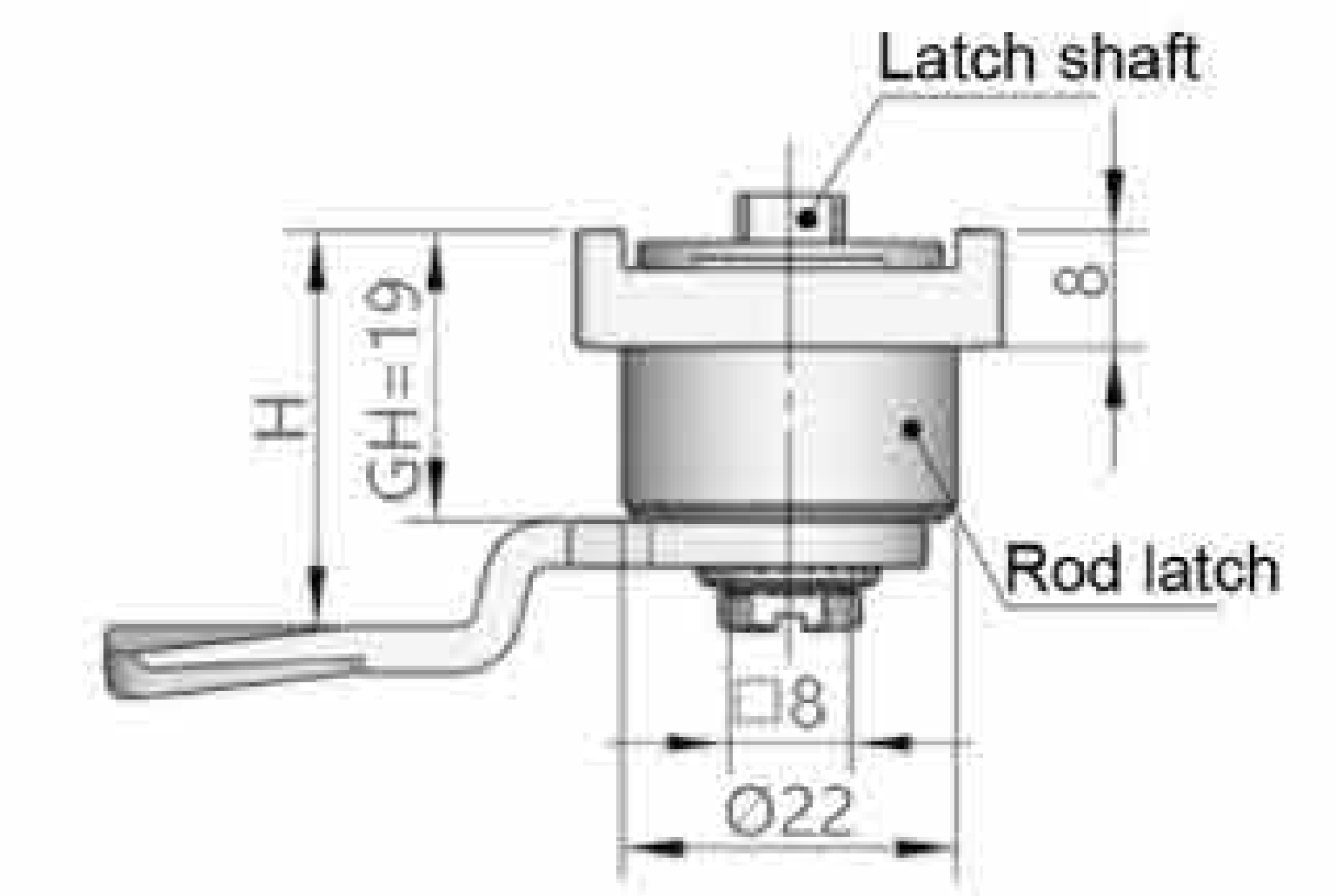
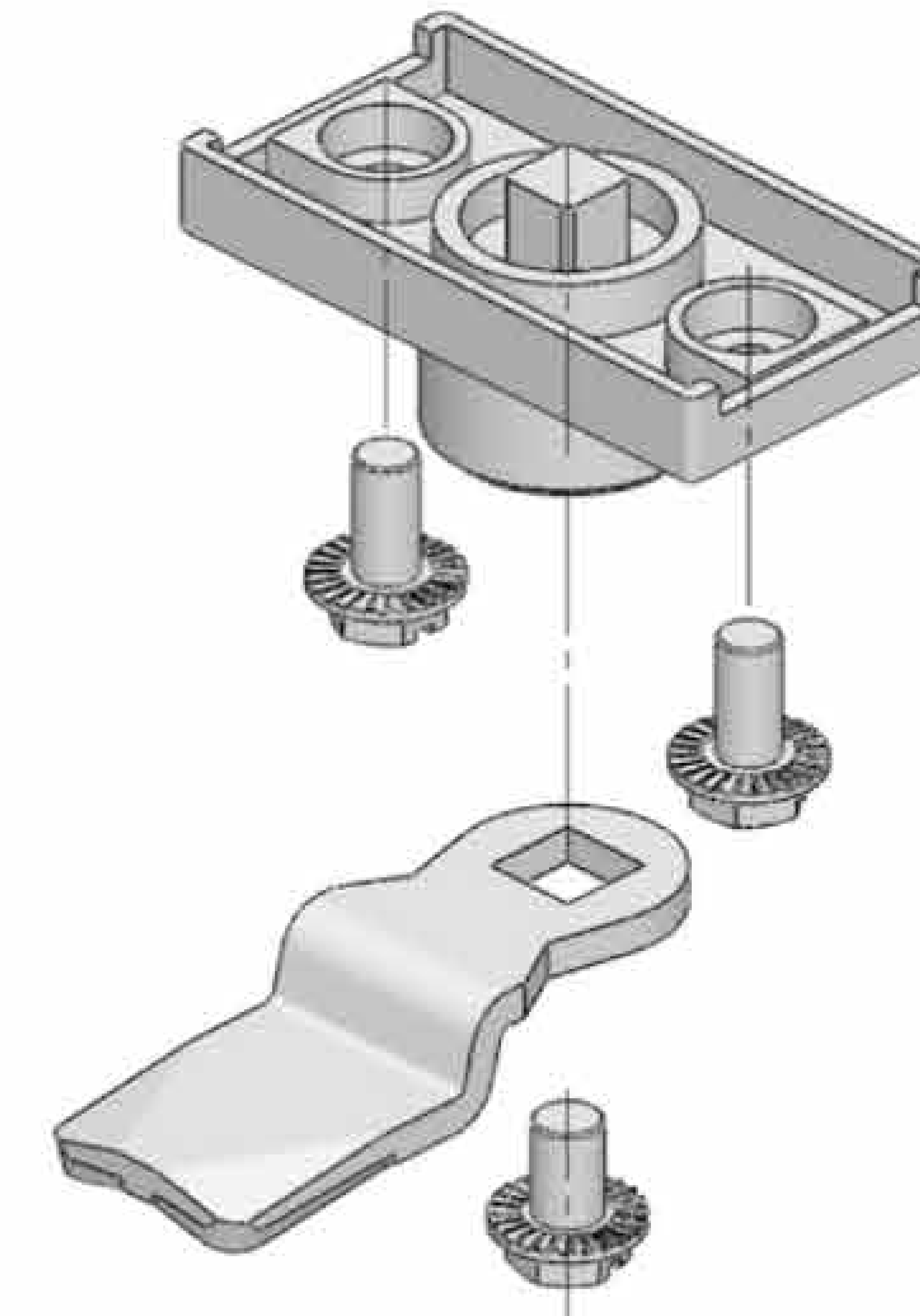
Slide

Lock Accessories

Gasket

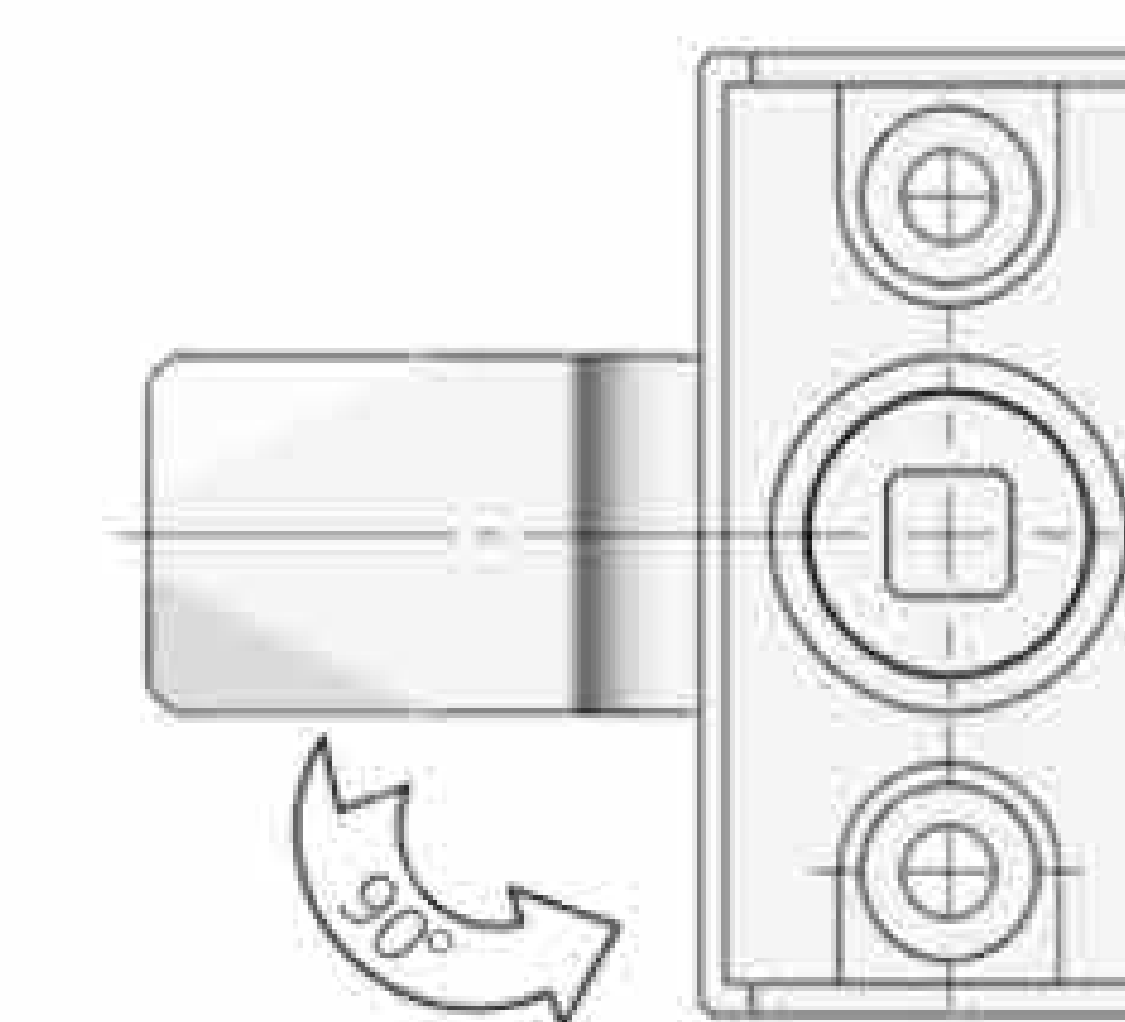


Cam latch system Mb90



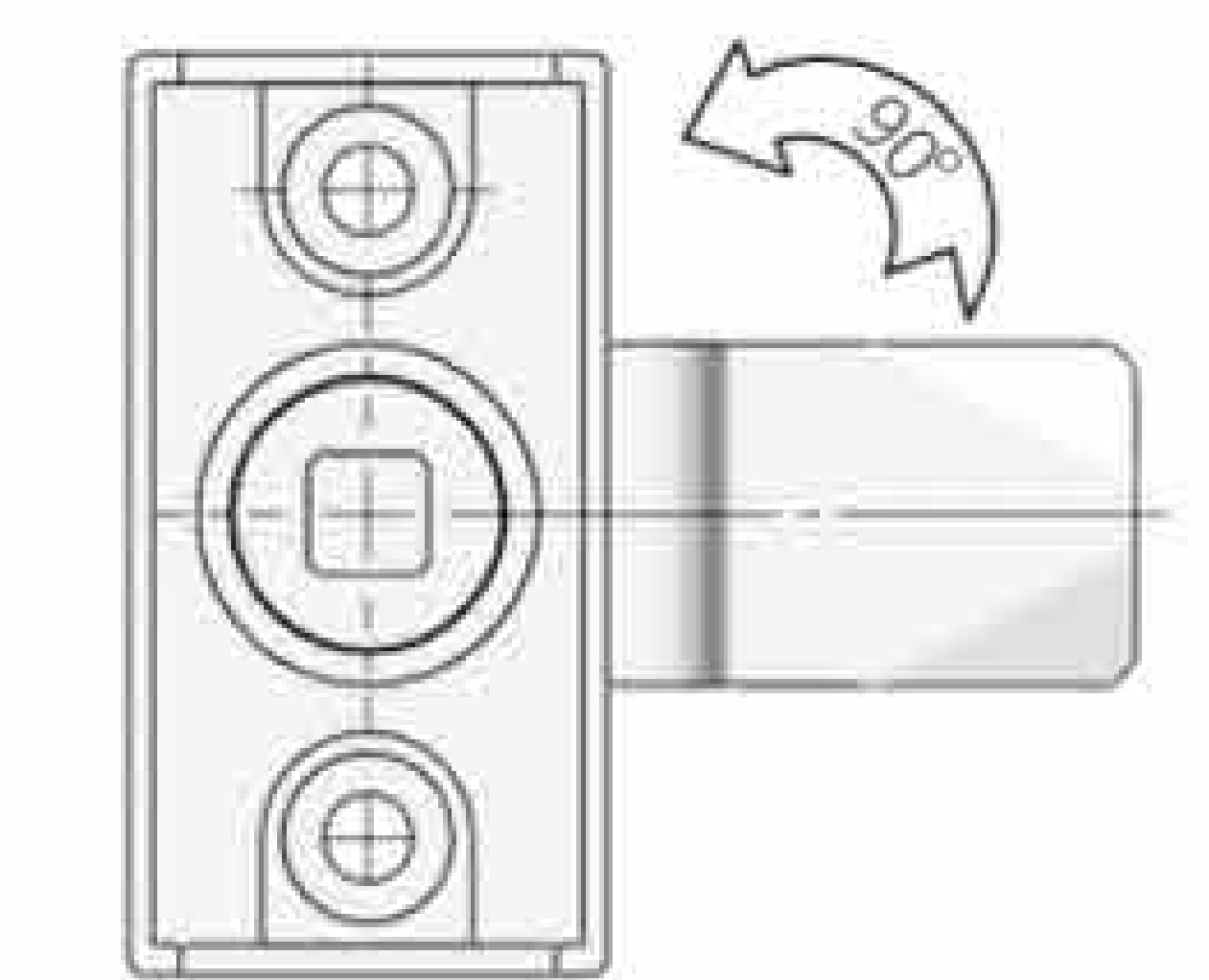
Remark: Default rod latch system, closing position, quarter-turn rotation, cam cutout square 8mm, optional cam series S1B, S2B, S3B, detailed cam list on P007
Default one-point cam S1B4507, H=19+7, length 45
Default three-point cam S3B4510, H=19+10

RH and LH application example

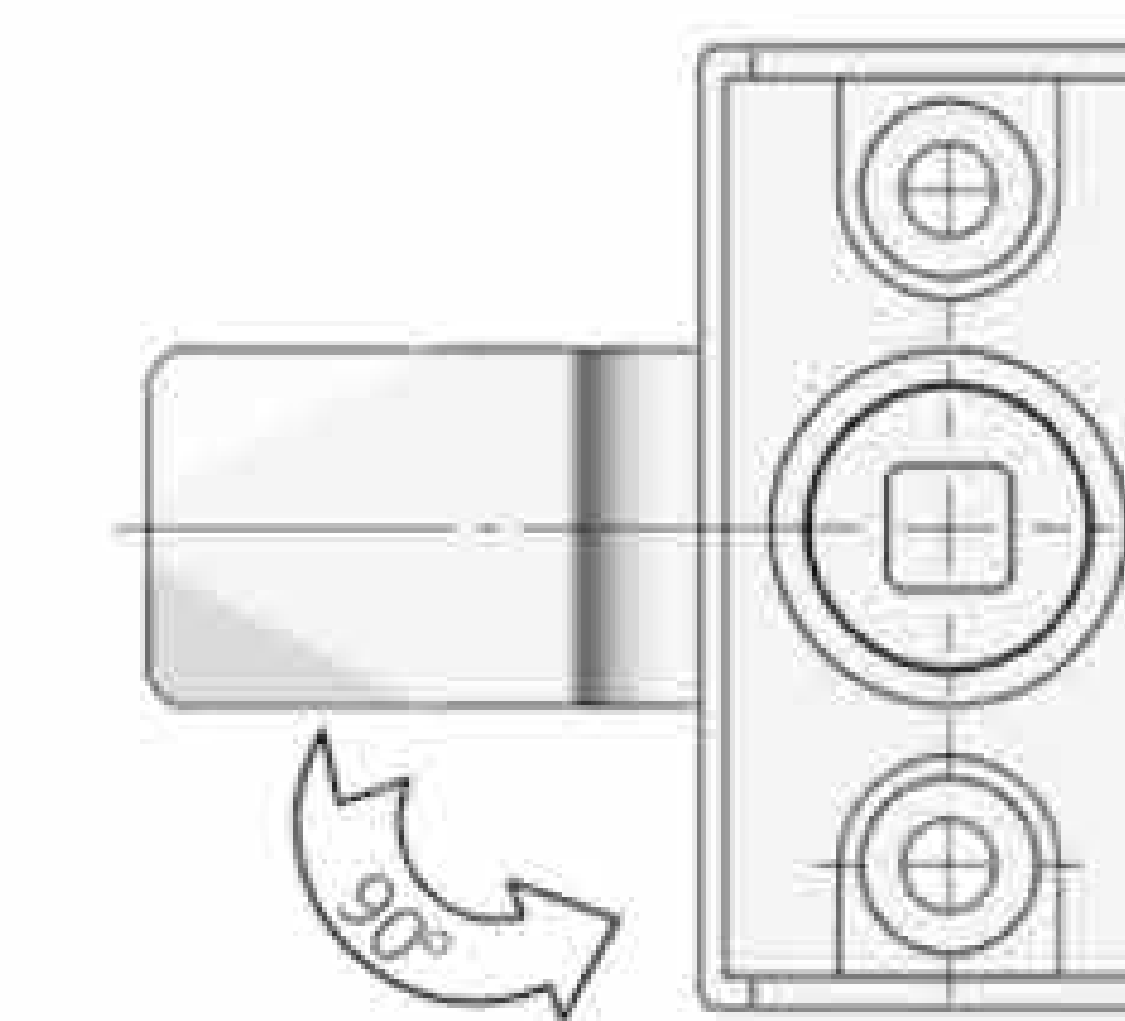


RH, open from right rotation with handle

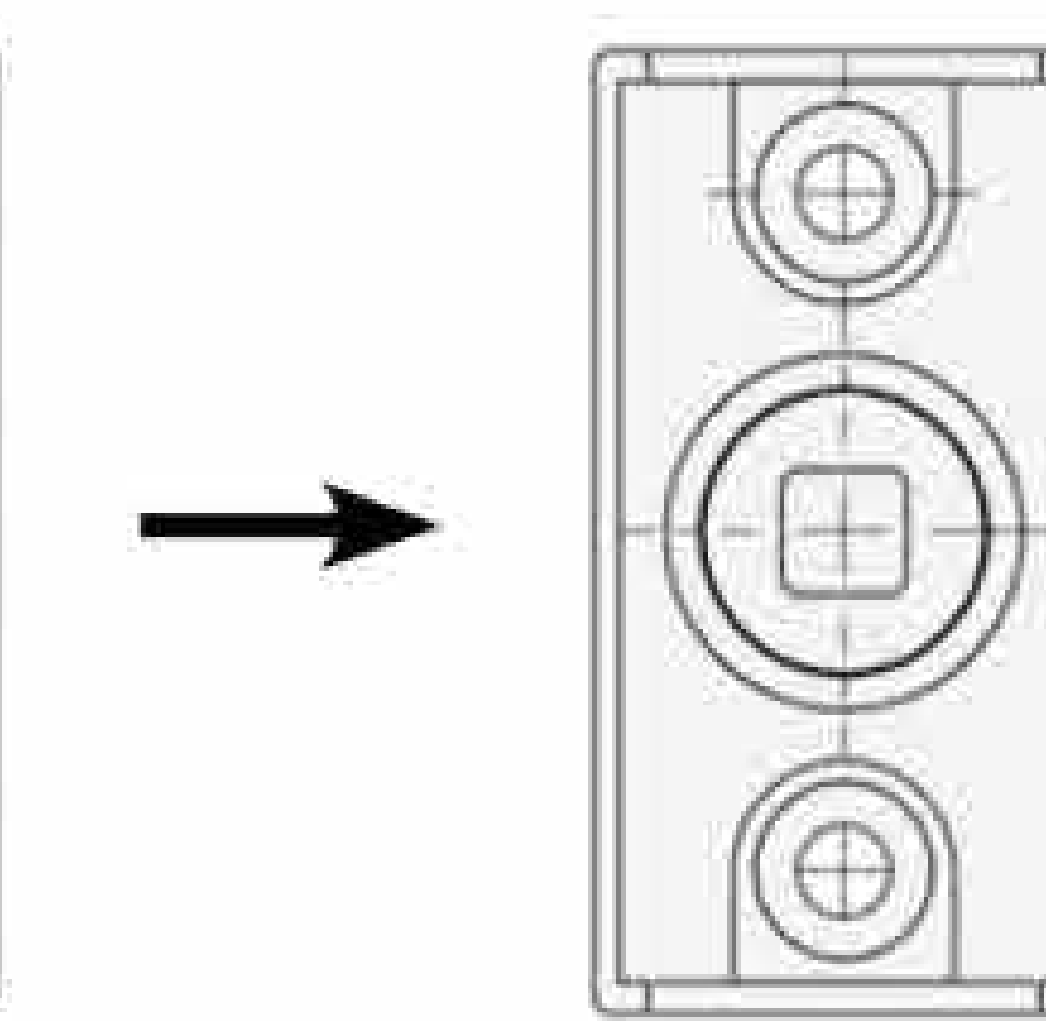
Keep cam and rod latch system in place while rotating the rod latch system in 180°



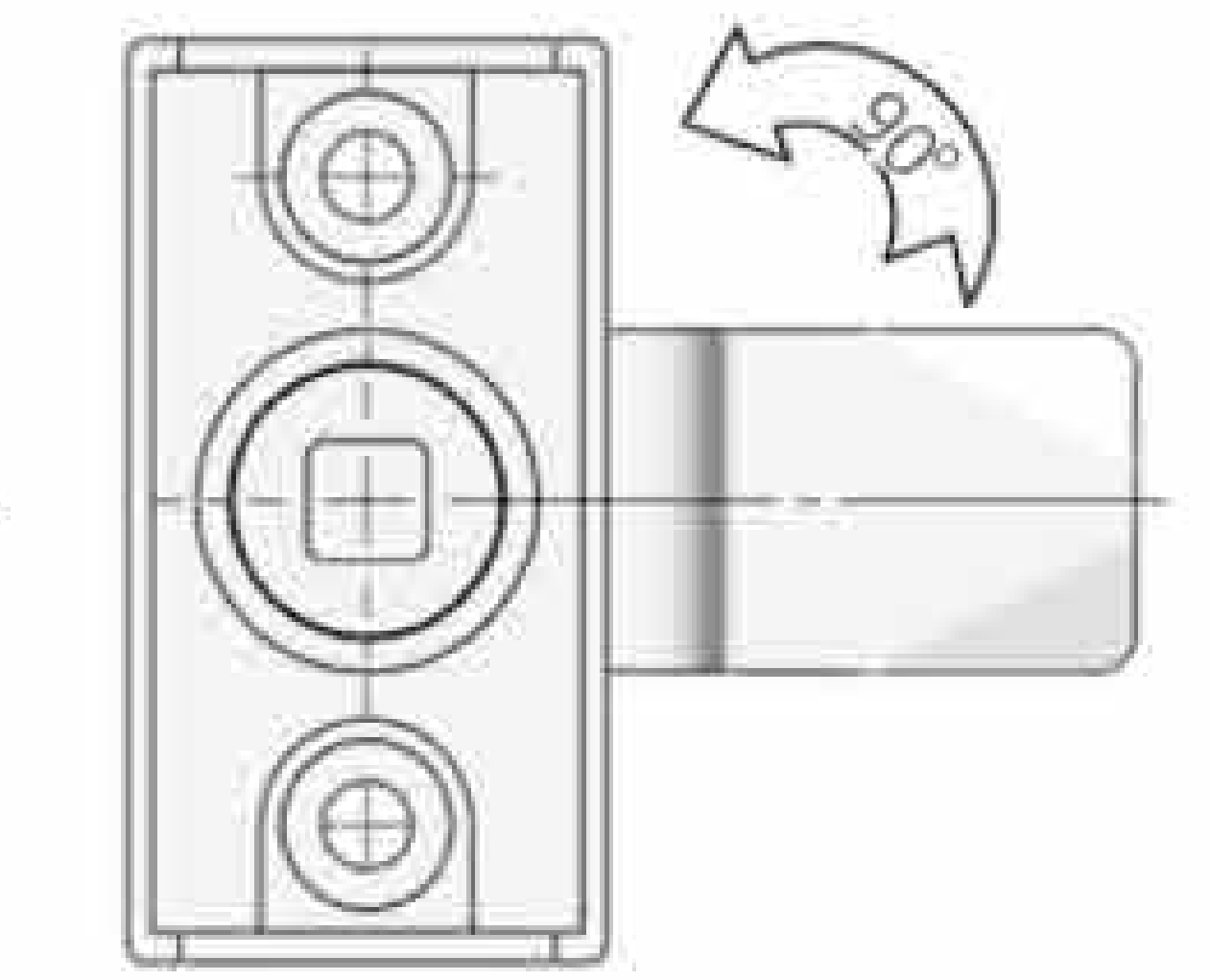
LH, open from left rotation with handle



RH, open from right rotation with handle



Rotate shaft 90 degree, remove the cam and assemble it on the right side



LH, open from left rotation with handle

Lock

Hinge

Handle

Draw Latch

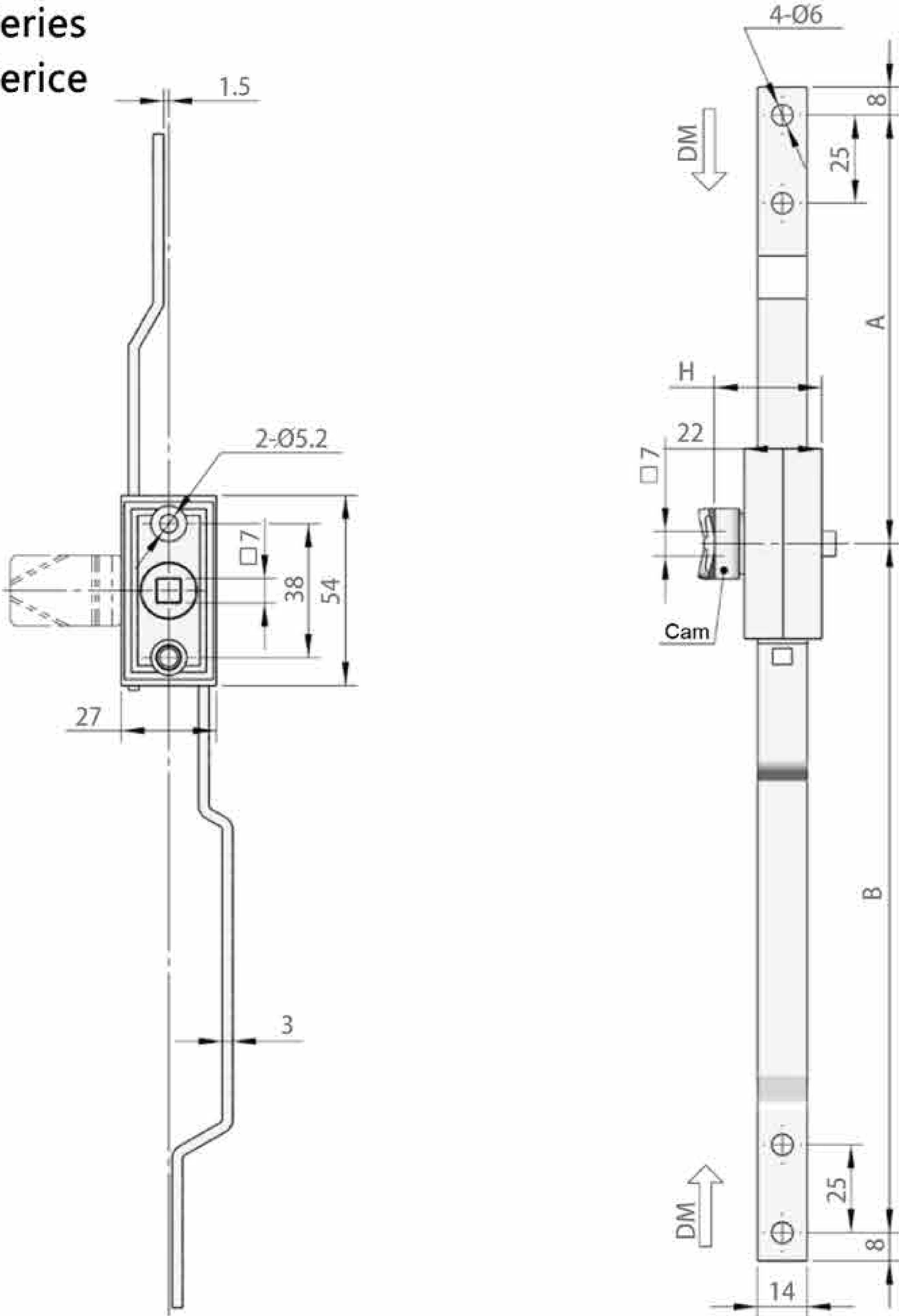
Door Stop

Slide

Lock Accessories

Gasket

Mb0 Series
Mb2 Serice



Remark: Rod latch system, use for seal door-outside, cam cutout 7mm, optional cam S1A cam series, see detailed cam list on P007. Default cam S1A3500, H=GH, length 35.
Keep rod and rod latch in place, remove the cam and insert, and rotate rod latch system in 180 degree to suit RH or LH application

Dm: Rod stroke
Ra: Rotation angle code

Rod latch system	Dm	Ra	A	B	Specification
Mb0-1	15	90°	122	190	With cam
Mb0-2	15	90°	122	190	Without cam
Mb0-3	15	90°	138	190	With cam
Mb0-4	15	90°	138	190	Without cam
Mb2-1	15	90°	122	122	With cam
Mb2-4	23	135°	138	130	Without cam

Lock

Hinge

Handle

Draw Latch

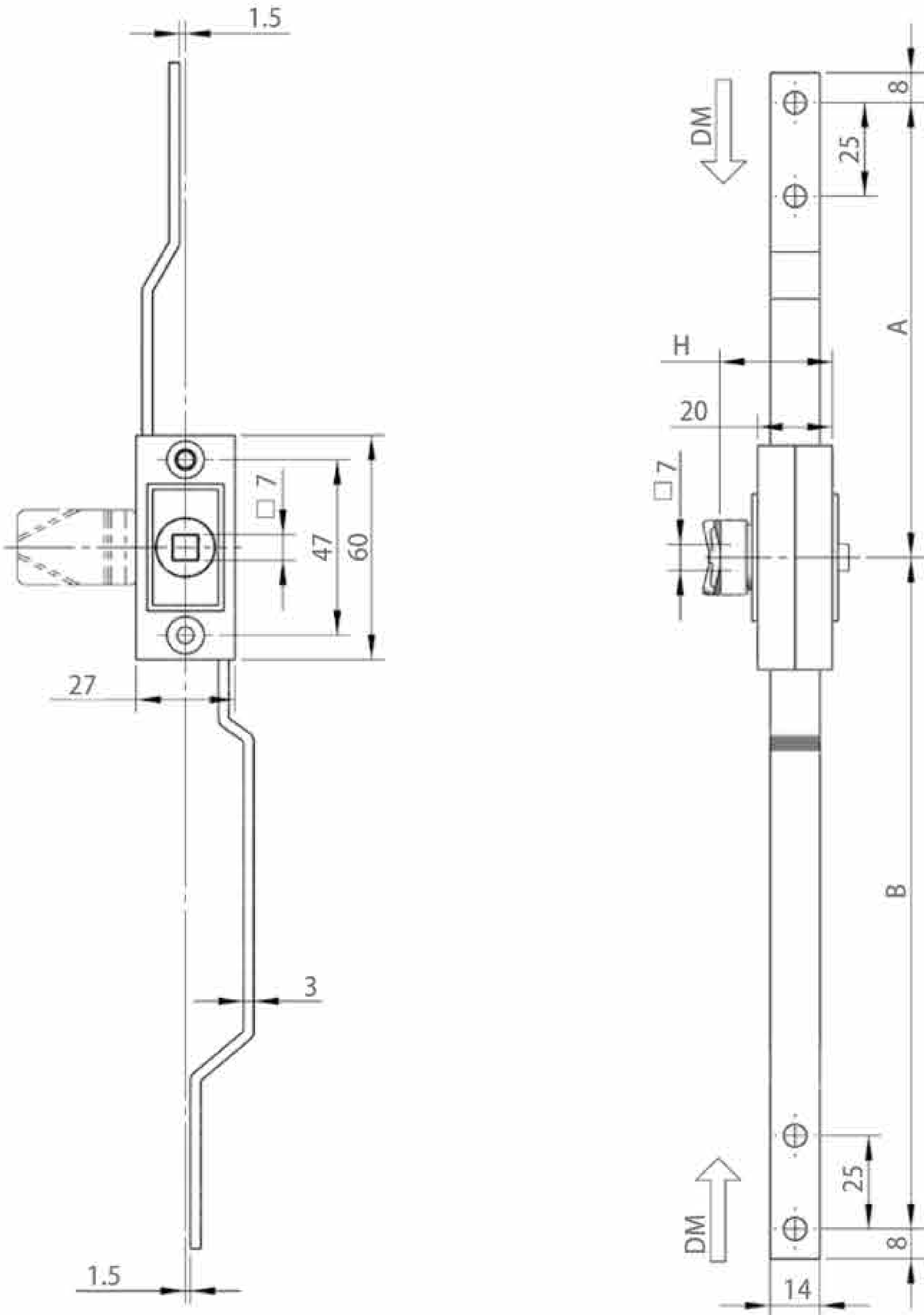
Door Stop

Slide

Lock Accessories

Gasket

Mb1 Series



Remark: Rod latch system, use for seal door-outside, cam cutout 7mm, optional cam S1A cam series, see detailed cam list on P007. Default cam S1A3500, H=GH, length 35.
Keep rod and rod latch in place, remove the cam and insert, and rotate rod latch system in 180 degree to suit RH or LH application

Dm: Rod stroke
Ra: Rotation angle code

Rod latch system	Dm	Ra	A	B	Specification
Mb1-1	15	90°	122	180	With cam
Mb1-2	15	90°	122	180	Without cam
Mb1-3	20	115°	130	188	With cam
Mb1-4	23	120°	130	188	Without cam

Lock

Hinge

Handle

Draw Latch

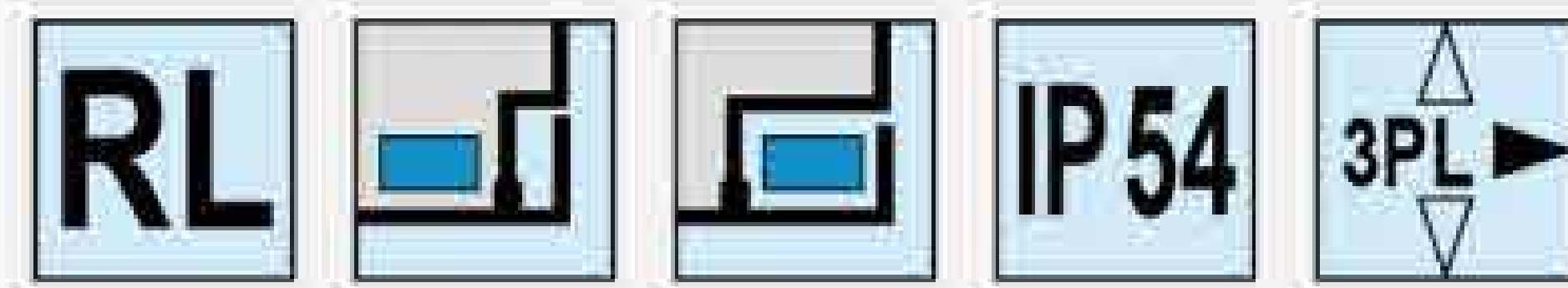
Door Stop

Slide

Lock Accessories

Gasket

ML100-5001



Main material and finish: Black painted ZDC housing, handle and button, white zinc-plated steel cam and combines with rod latch system

Application: Handle quarter-turn combines with rod latch system to open or close

Remark: Default key K040

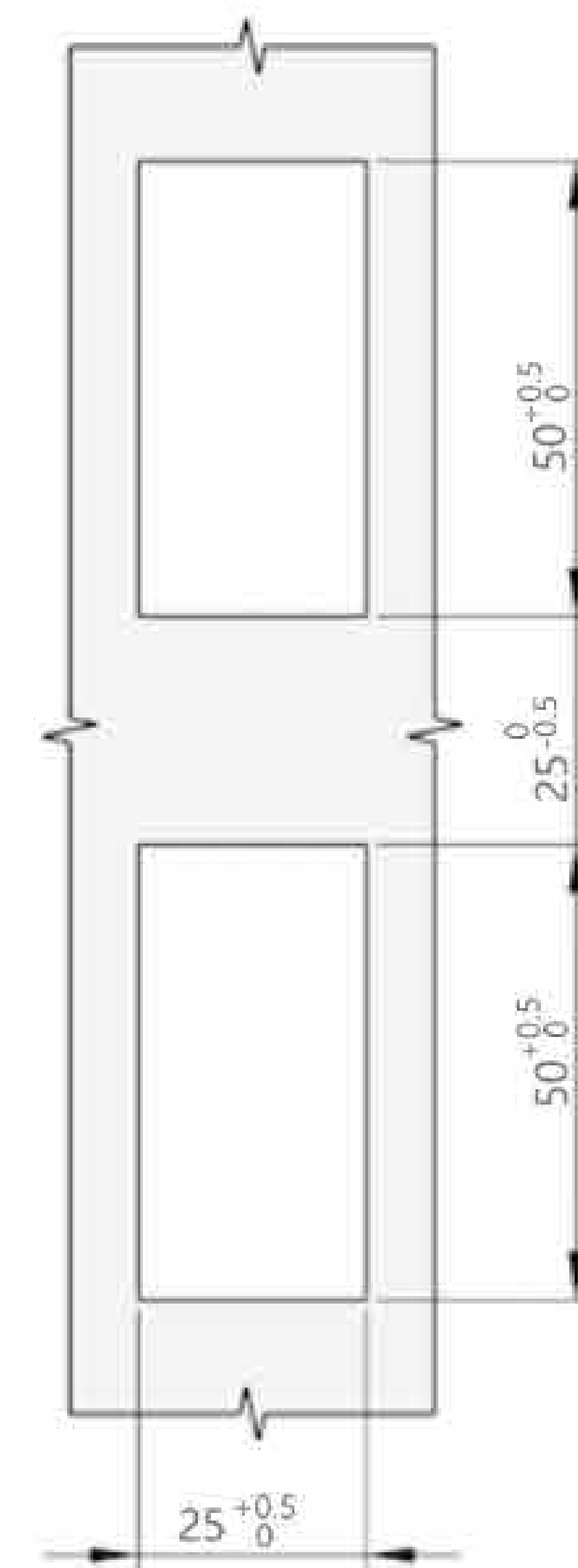
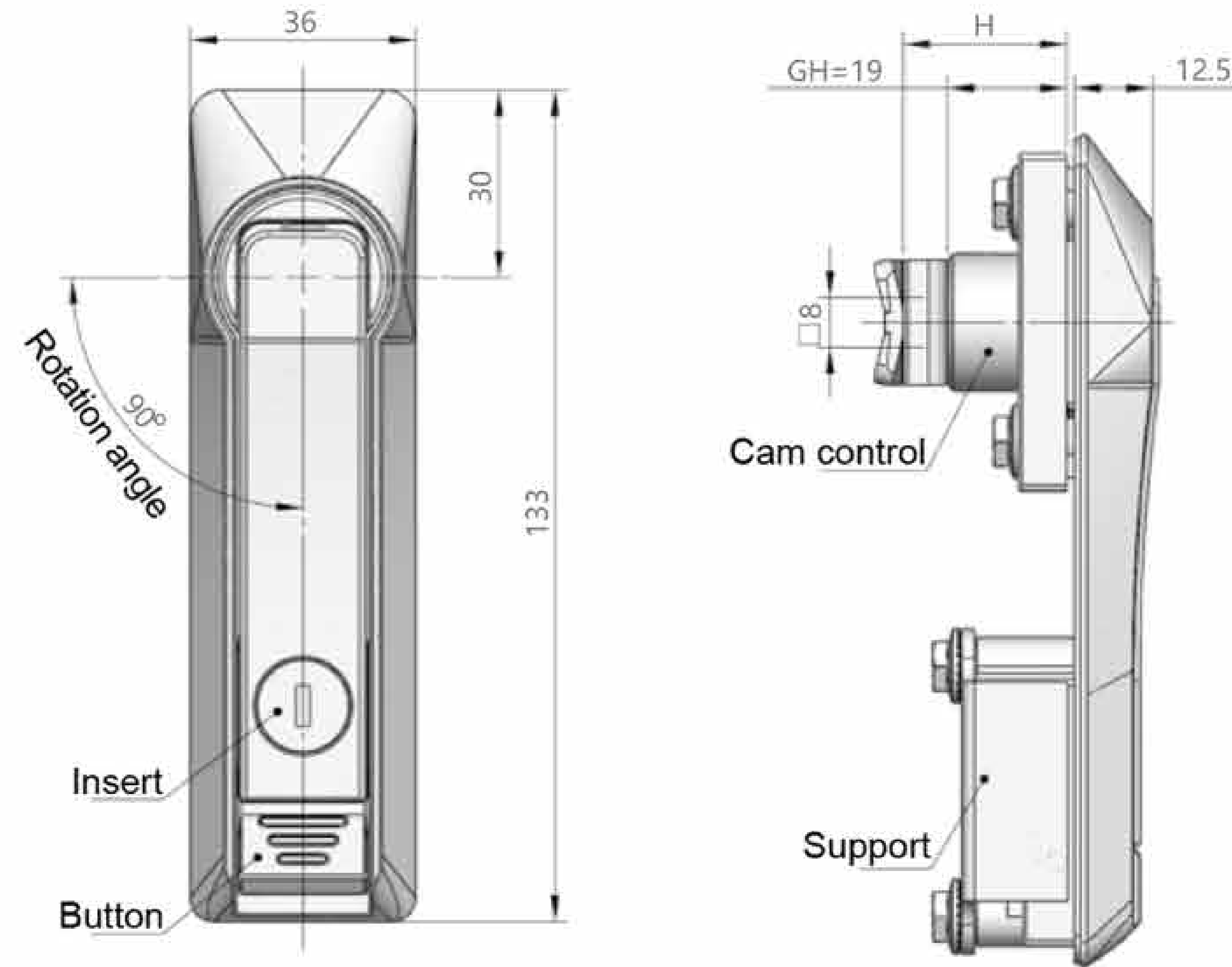
Default cam: S1A3500 (Rod latch type)
S1B457 (Cam type)

Performance parameter:

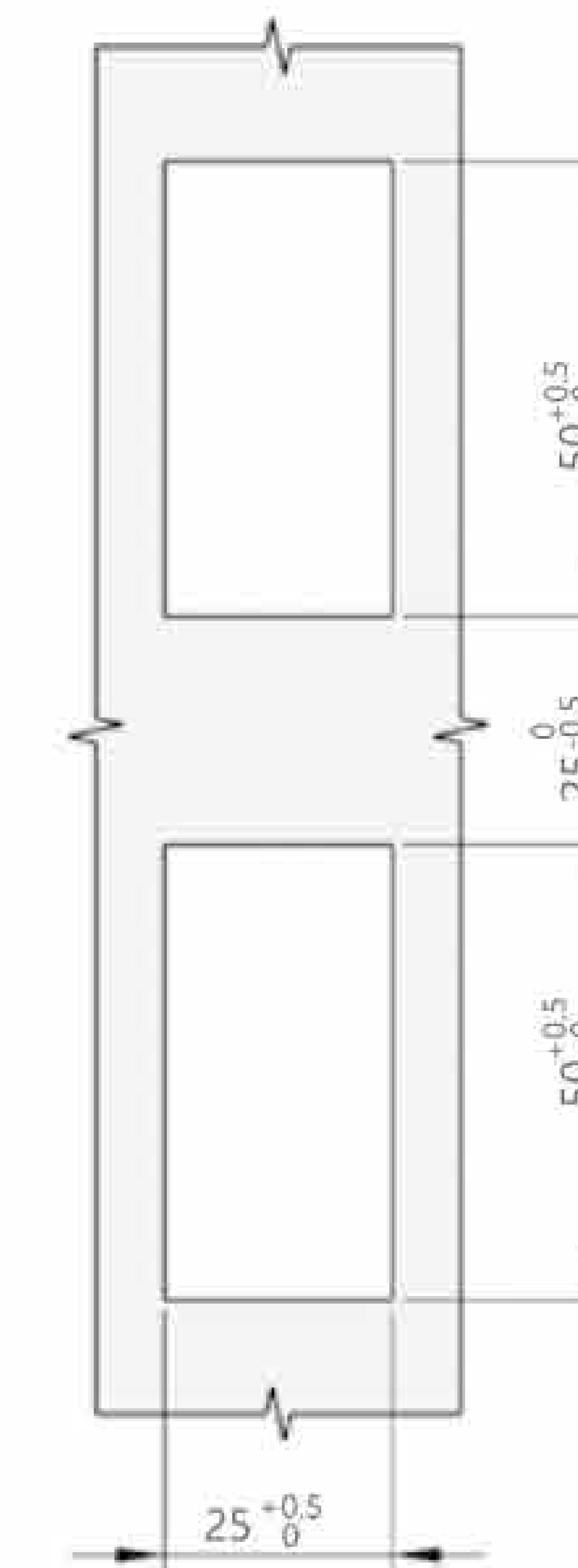
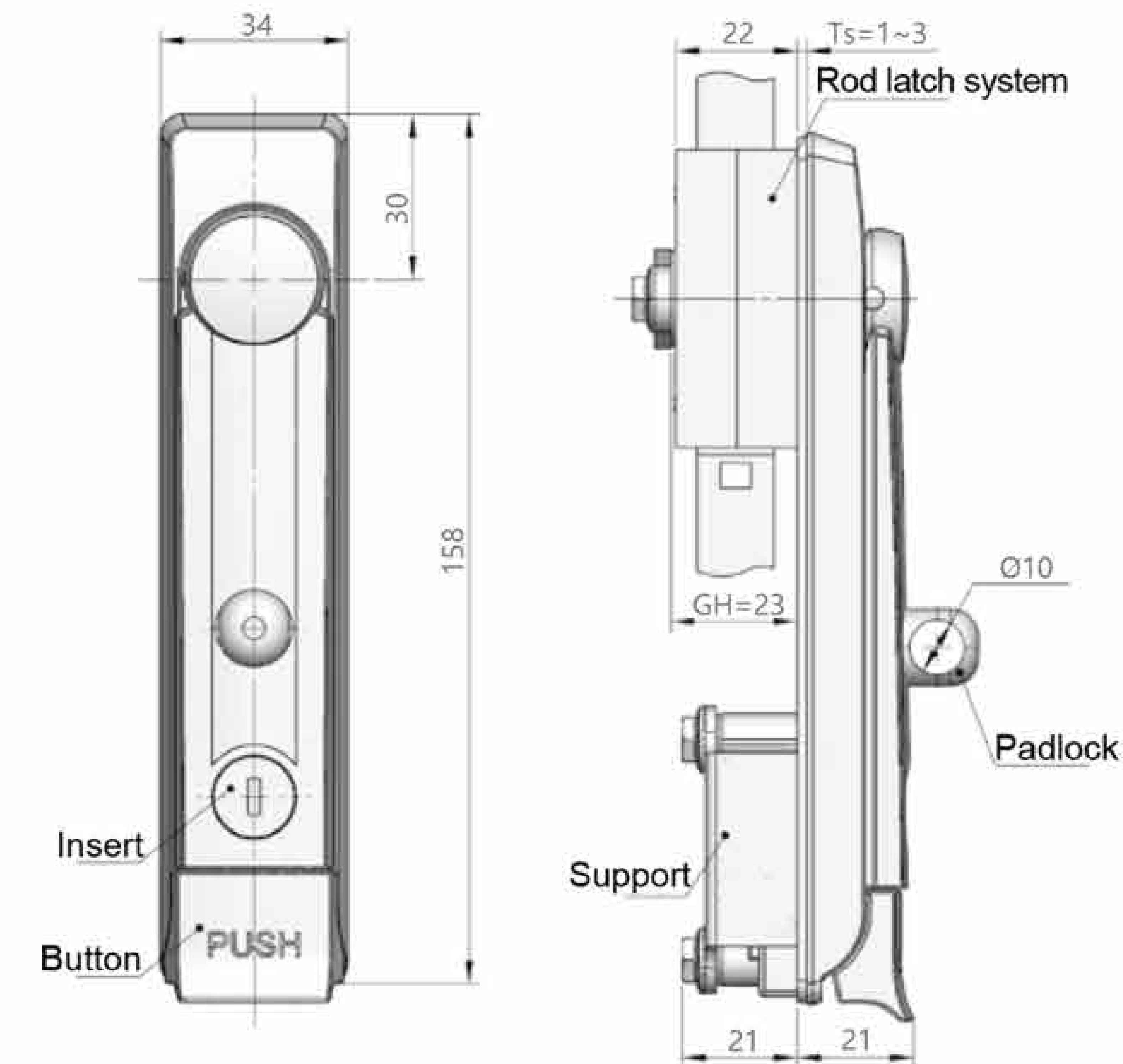
Handle load tension capability: $\leq 280\text{N}$

Handle load torque capability: $\leq 30\text{N.m}$

Maximum static load: 270N (cam type)

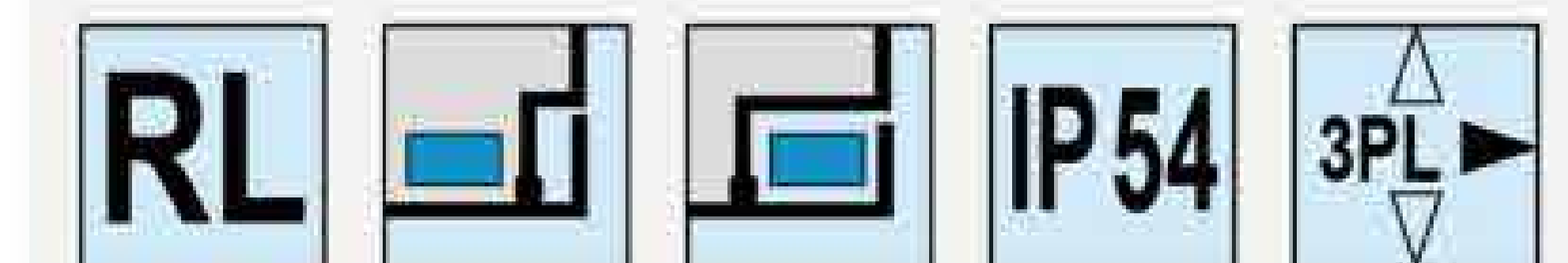


Cut out



Cut out

ML100-5002



Main material and finish: Pocked black powder coated ZDC handle, housing and button, ZDC dust-proof cap, white zinc-plated steel cam and rod

Application: Quick-open, easy assembling, 90 degree handle rotation combines with rod latch to open or close

Remark: Default key K030

Default cam: S1A3500 (Rod latch type)
S1B457 (Cam type)

Performance parameter:

Handle load tension capability: $\leq 295\text{N}$

Handle load torque capability: $\leq 25\text{N.m}$

Maximum static load: 270N (cam type)

Lock

Hinge

Handle

Draw Latch

Door Stop

Slide

Lock Accessories

Gasket

Lock

Hinge

Handle

Draw Latch

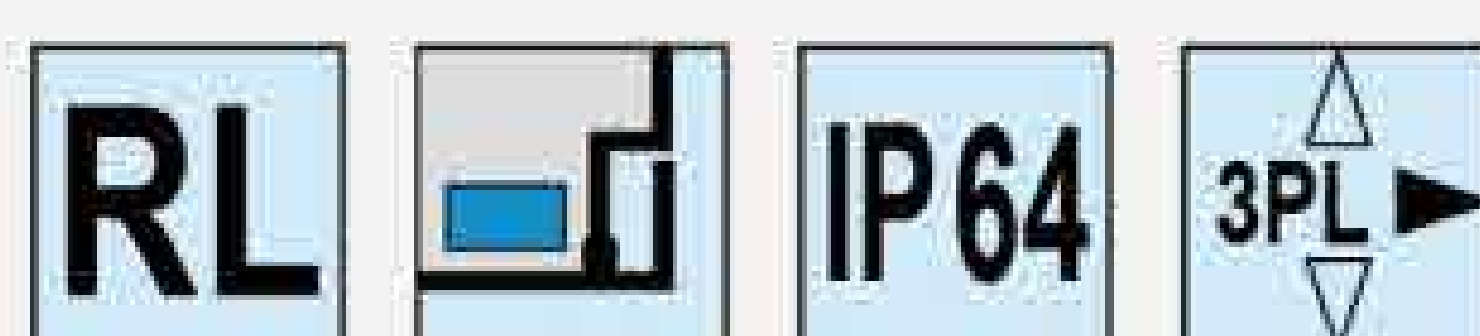
Door Stop

Slide

Lock Accessories

Gasket

ML100-5003



Main material and finish: Black powder coated ZDC housing and handle, bright chrome-plated ZDC profile insert, stainless steel support

Application: Open the handle upward, quarter-turn opening or closing, padlockable

Remark: Default key K043

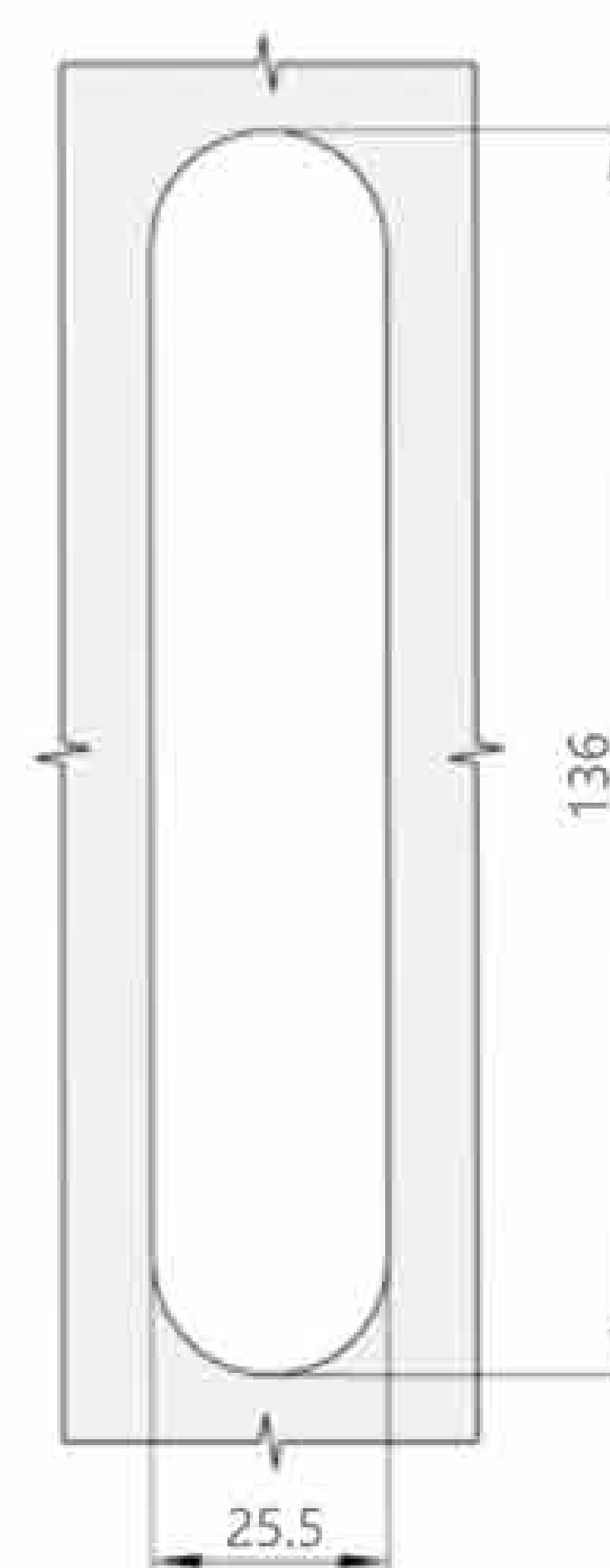
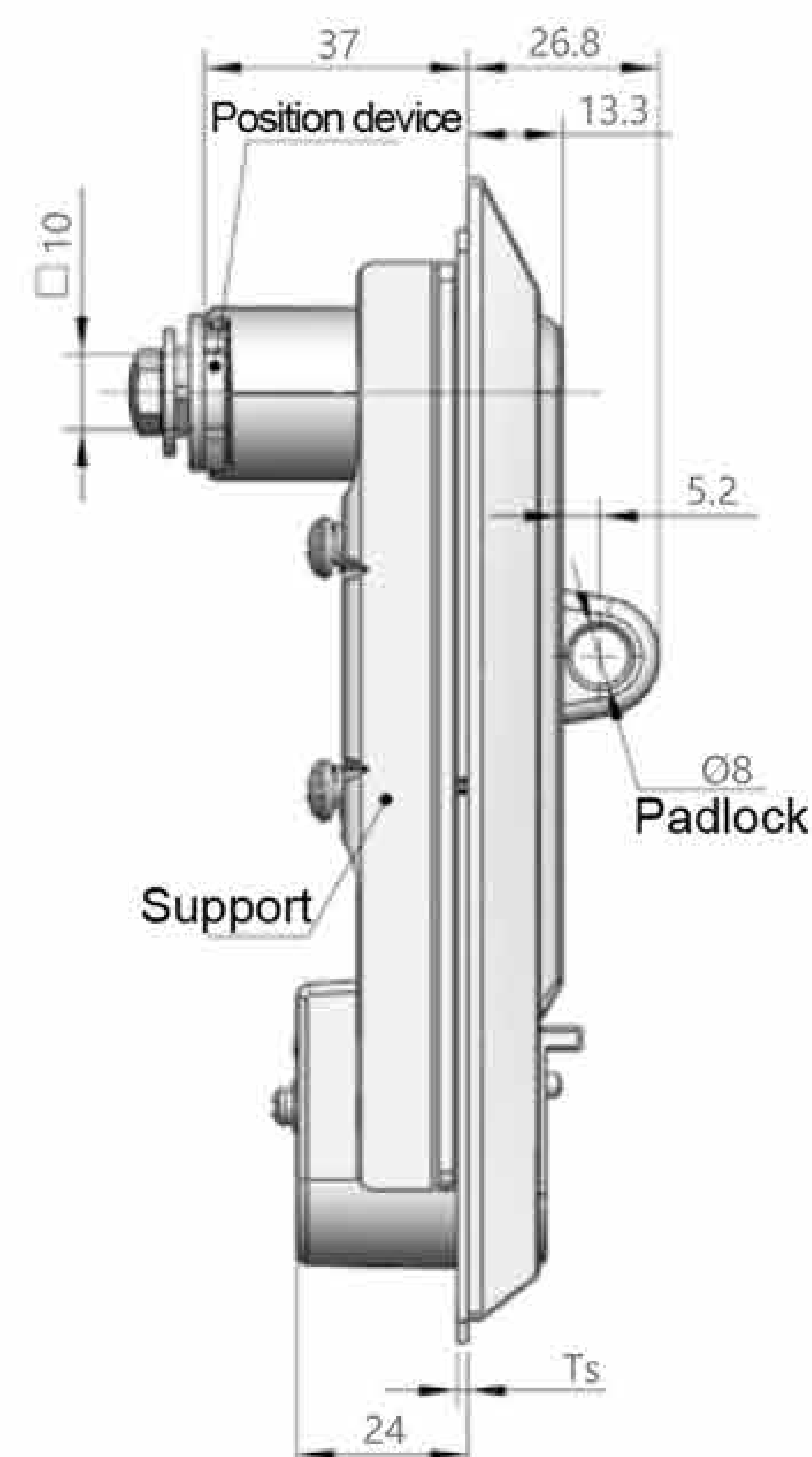
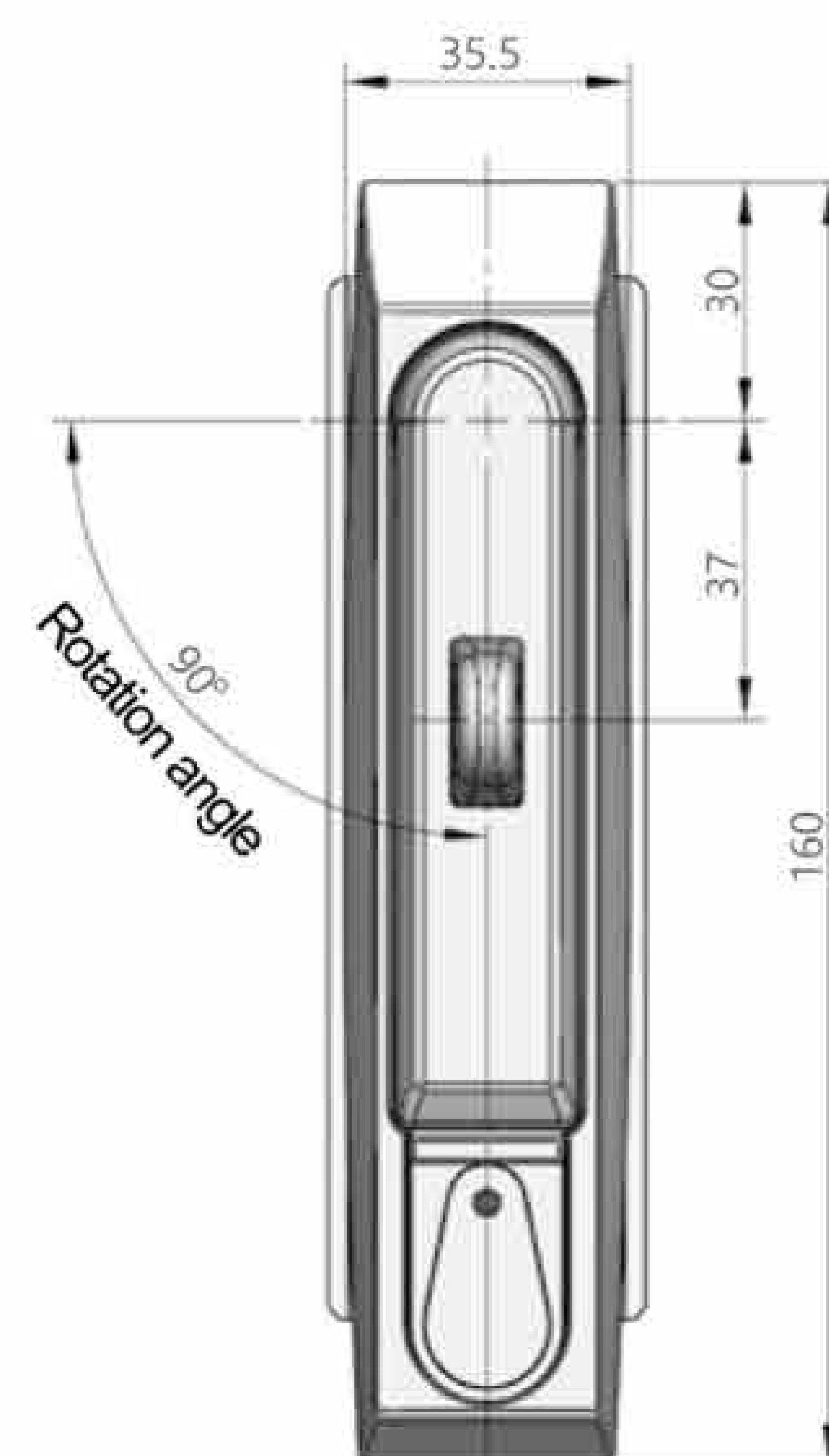
Performance parameter:

Handle load tension capability: $\leq 310\text{N}$

Handle load torque capability: $\leq 33\text{N.m}$

Tips: Tighten the lock cover is helpful to protect the insert

Max static load : 300N



Cut out

Lock

Hinge

Handle

Draw Latch

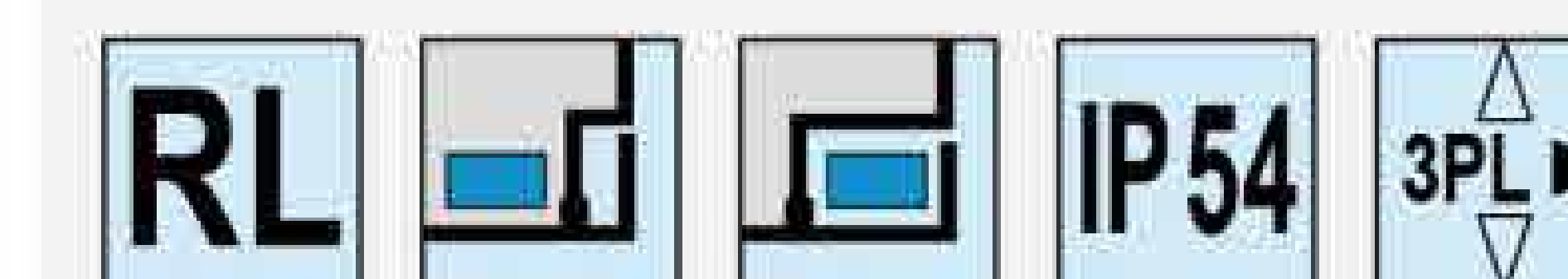
Door Stop

Slide

Lock Accessories

Gasket

ML100-5004



Main material and finish: Pocked black powder coated ZDC housing and handle, ZDC profile insert, white zinc-plated steel cam and rod

Application: 90 degree handle rotation combines with rod latch to open or close

Remark: Default key K140

Default cam: S1A3500 (Rod latch type)

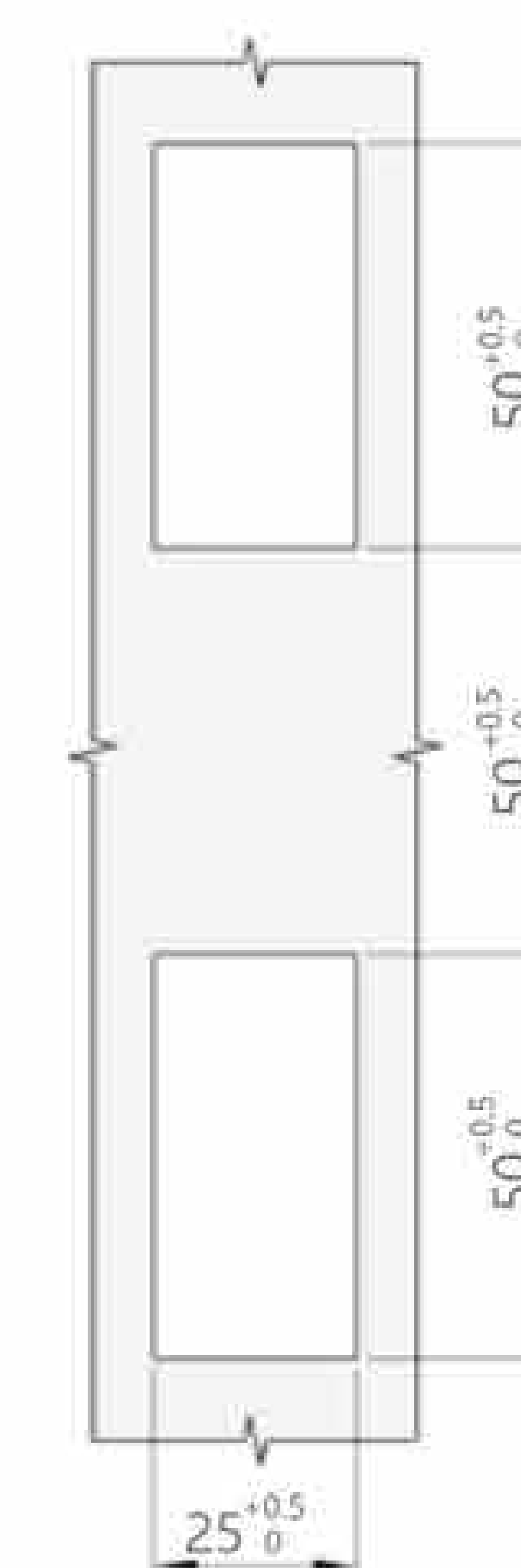
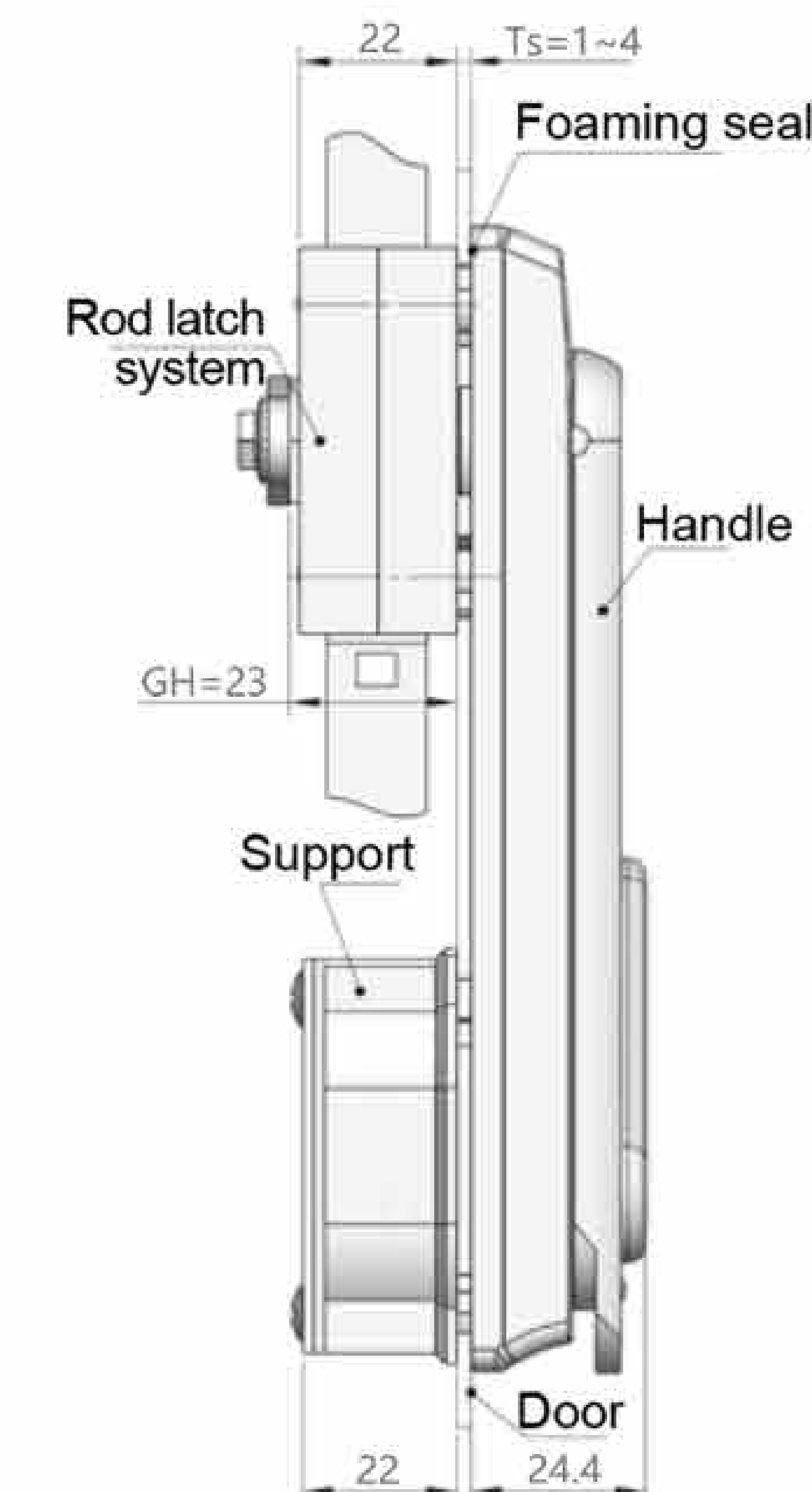
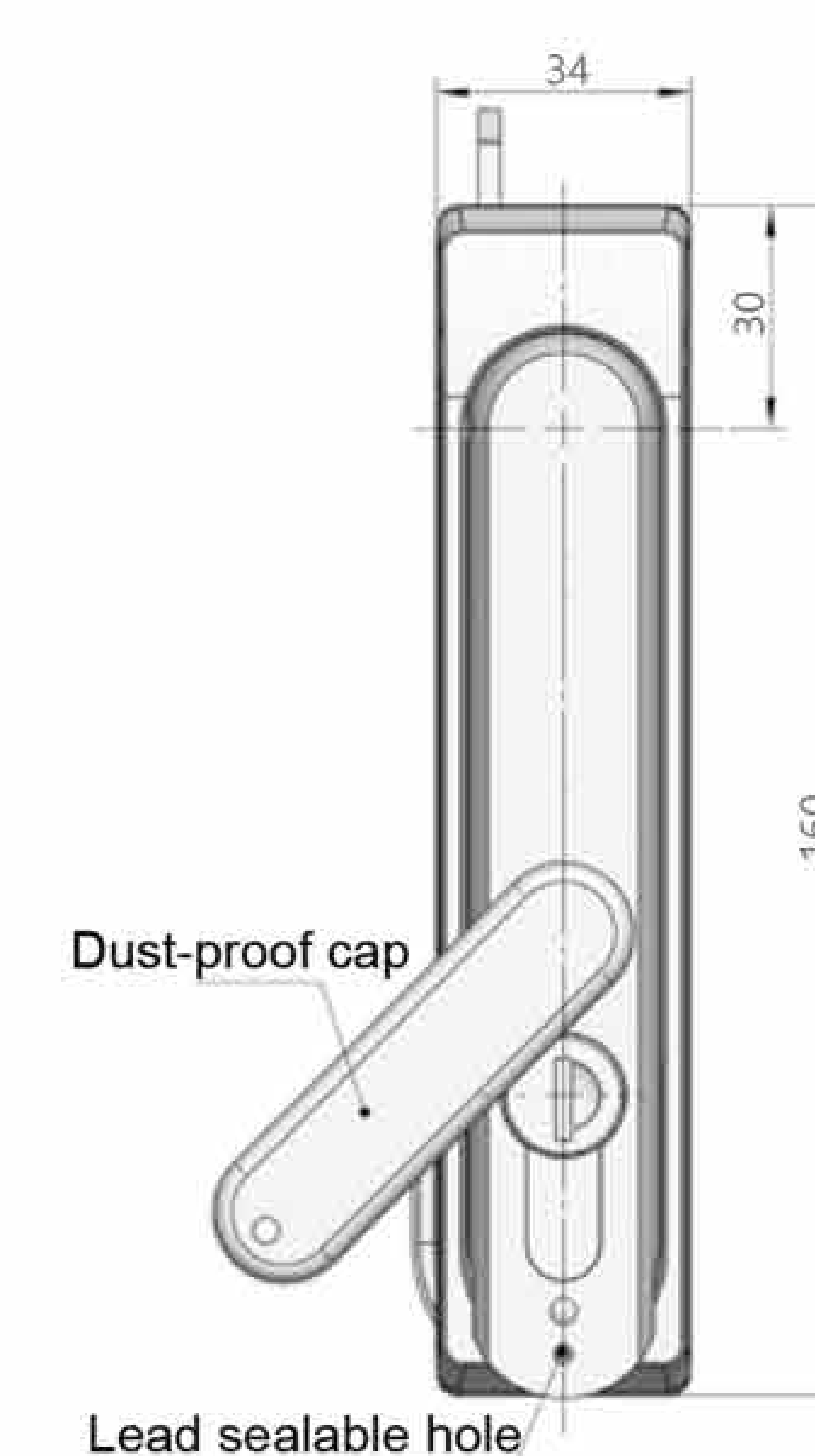
S1B4507 (Cam type)

Performance parameter:

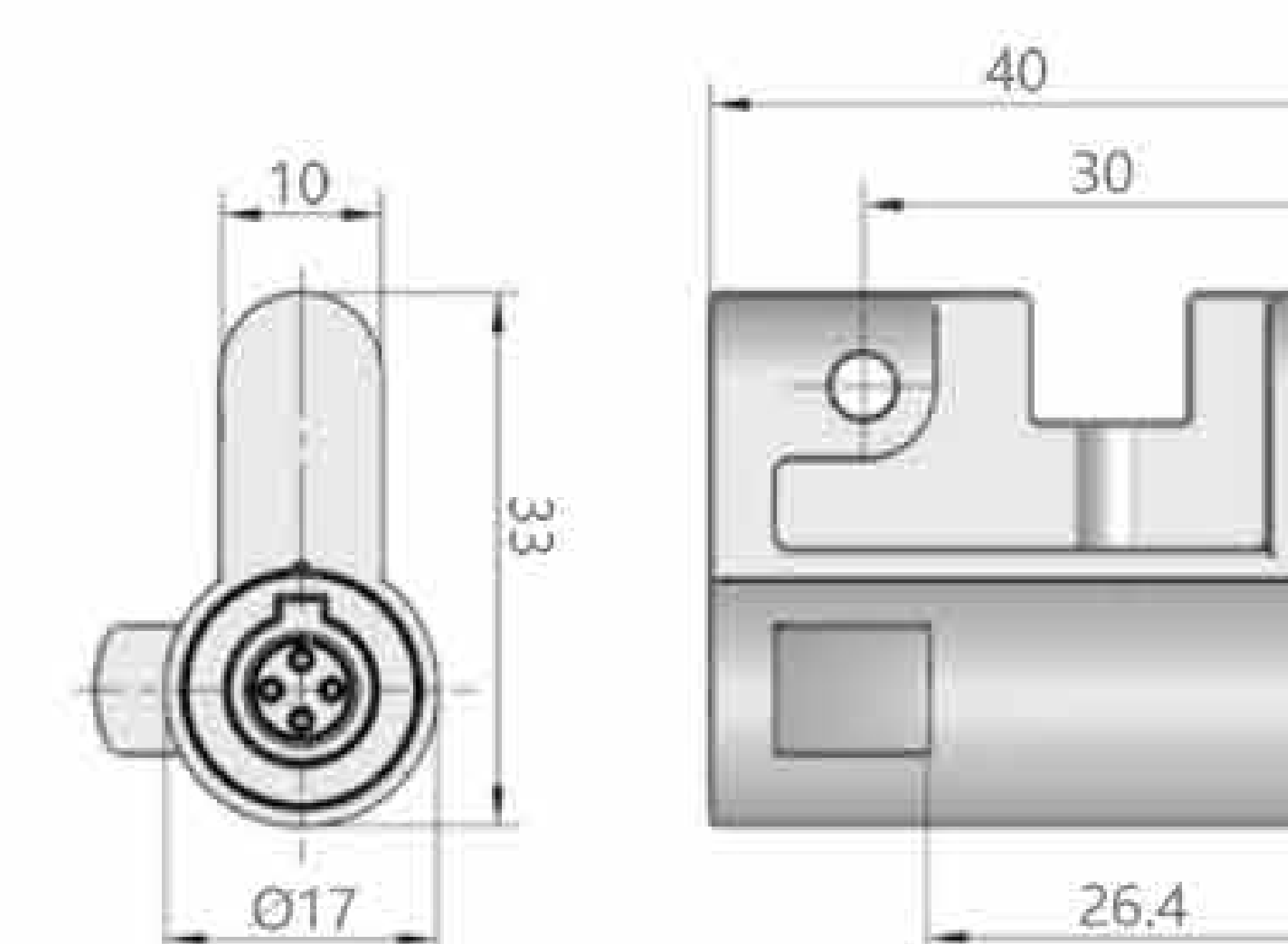
Handle load tension capability: $\leq 400\text{N}$

Handle load torque capability: $\leq 35\text{N.m}$

Maximum static load: 270N(cam type)



Cut out



TC18 Insert (optional)--P122

Remark: PA housing or ZDC housing, default ZDC housing

Lock

Hinge

Handle

Draw Latch

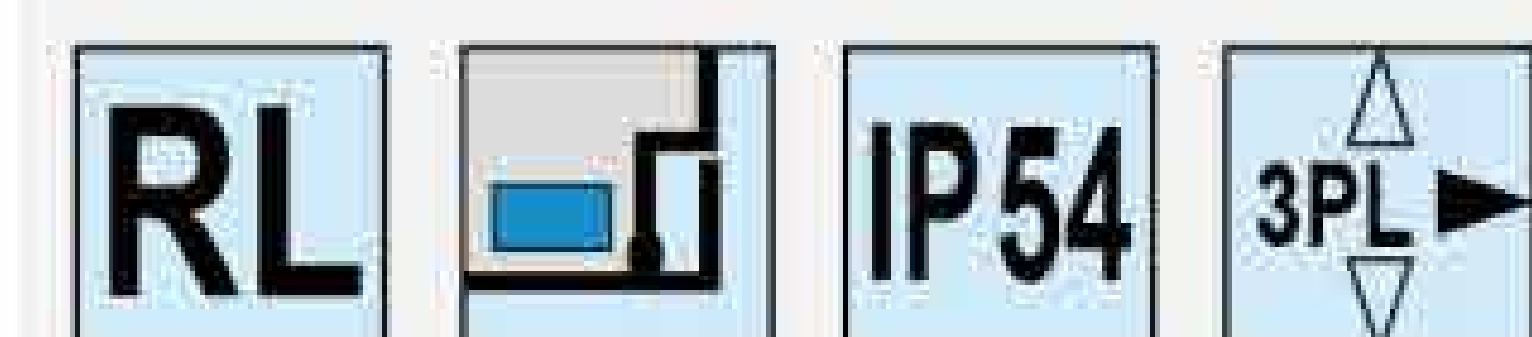
Door Stop

Slide

Lock Accessories

Gasket

ML100-5005



Main material and finish: Black PA handle, housing and dust-proof cap, white zinc-plated steel cam and rod, ZDC profile insert

Application: Handle quarter-turn combines with rod latch system to open or close

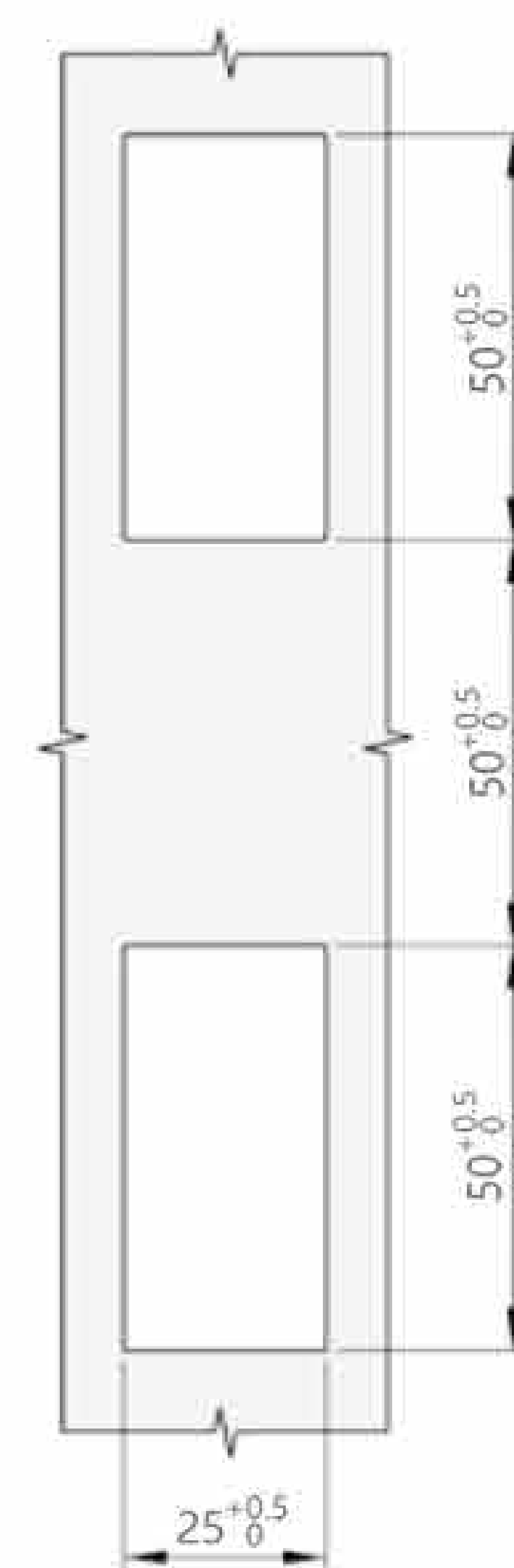
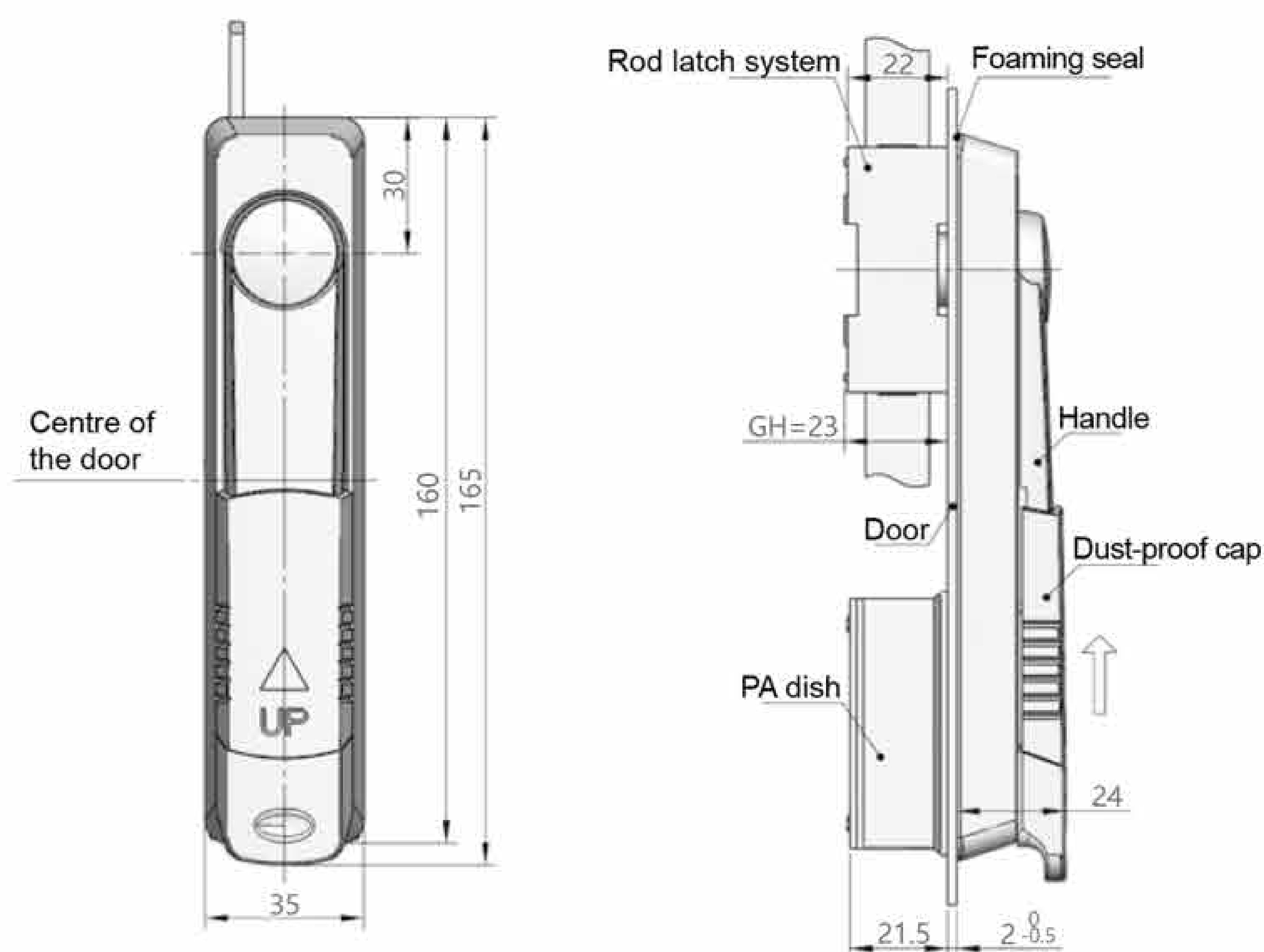
Remark: Default profile insert TC01, default Key K140

Default cam: S1B4507 (Cam type)

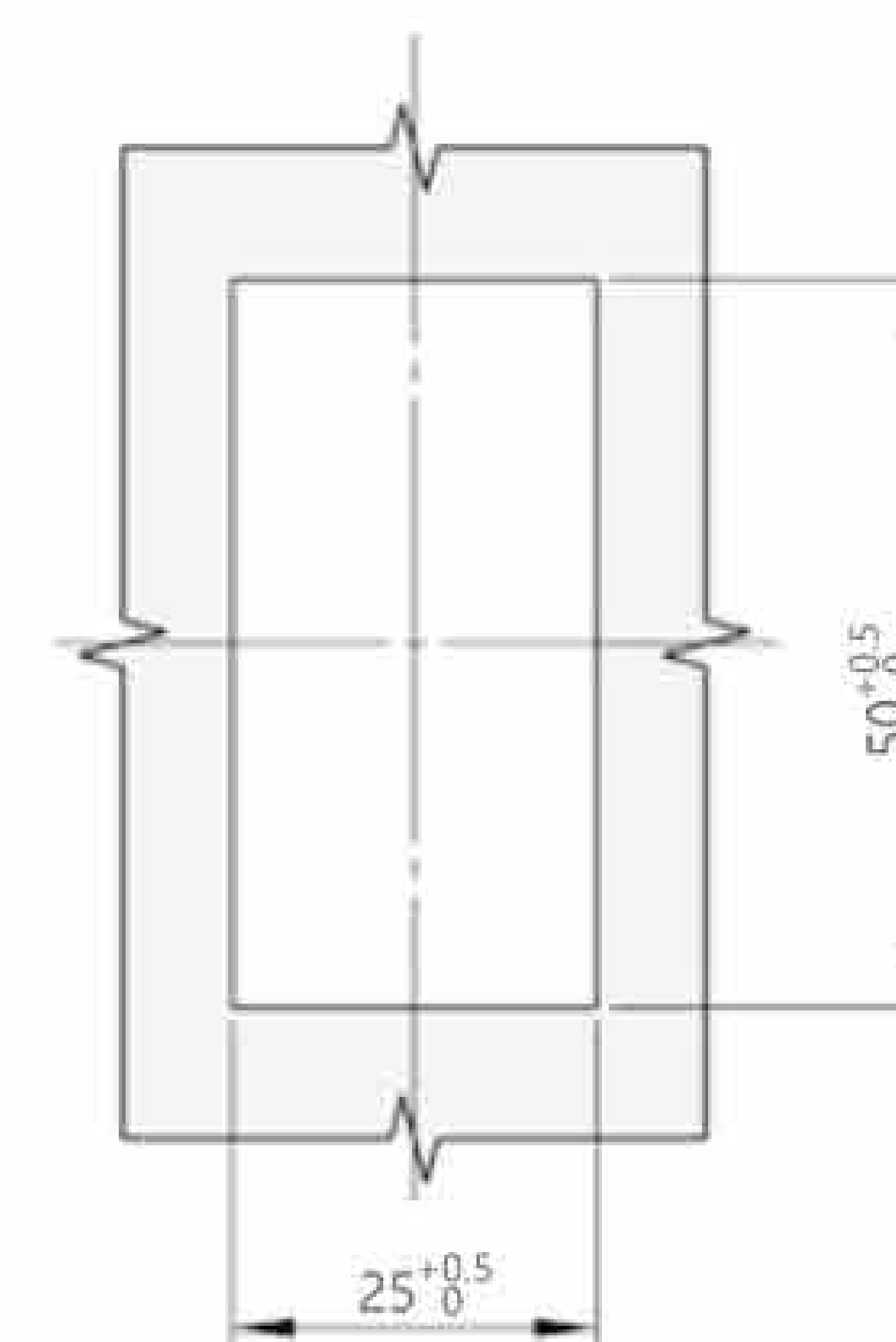
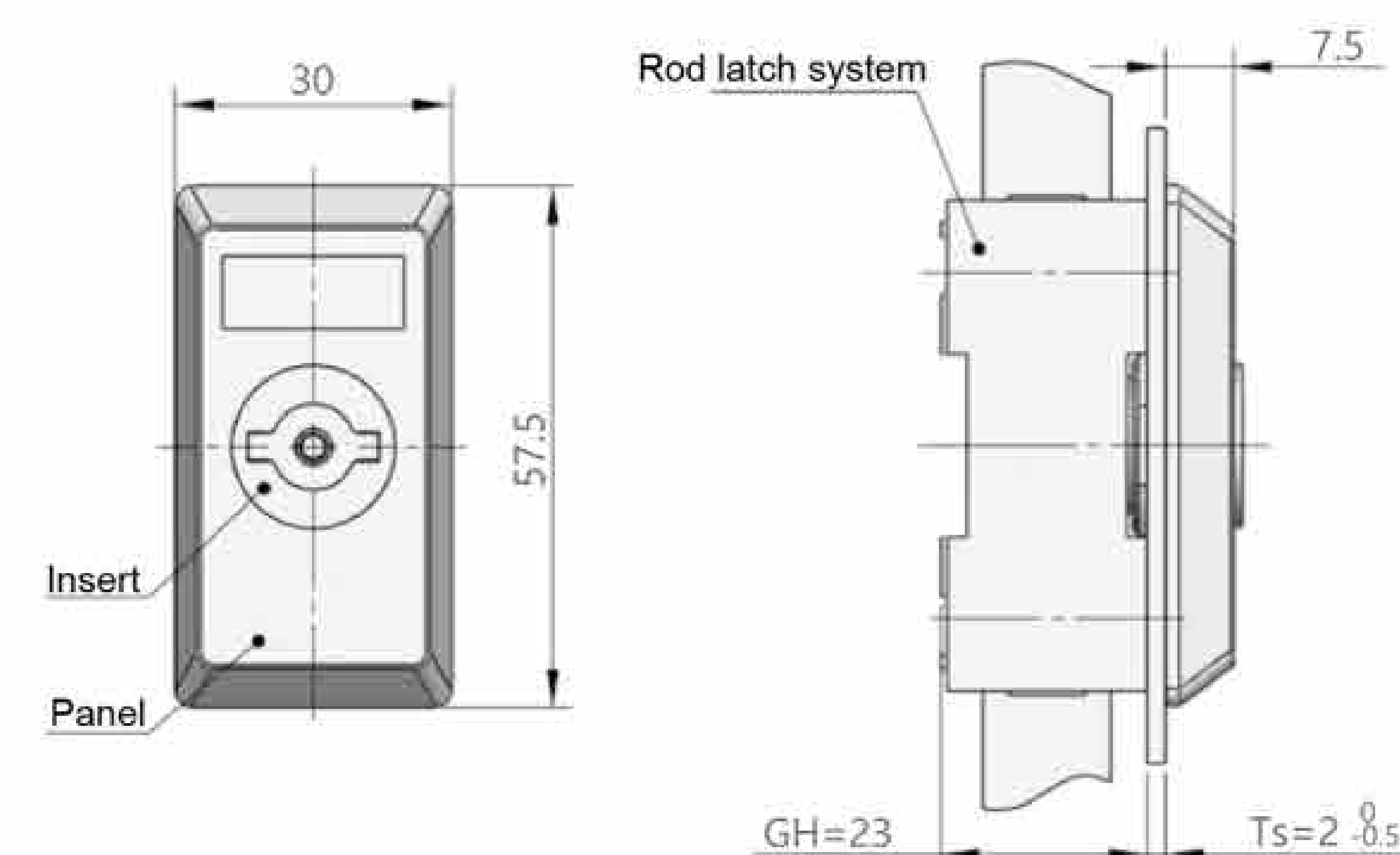
Performance parameter:

Handle load tension capability: $\leq 170\text{N}$

Handle load torque capability: $\leq 20\text{N.m}$



Cut out



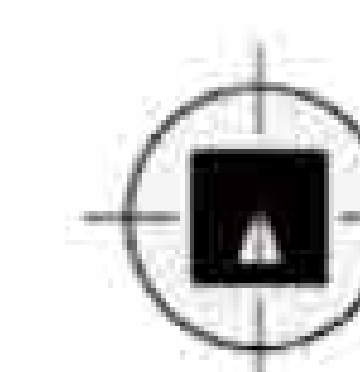
Cut out



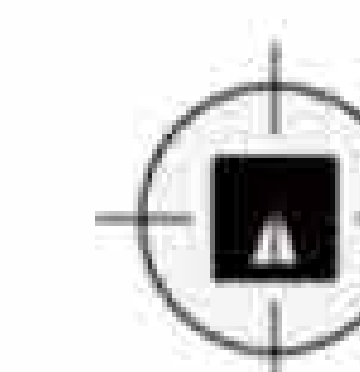
Double bit 4mm



Triangular 8mm



Square 8mm



Square 7mm

Lock

Hinge

Handle

Draw Latch

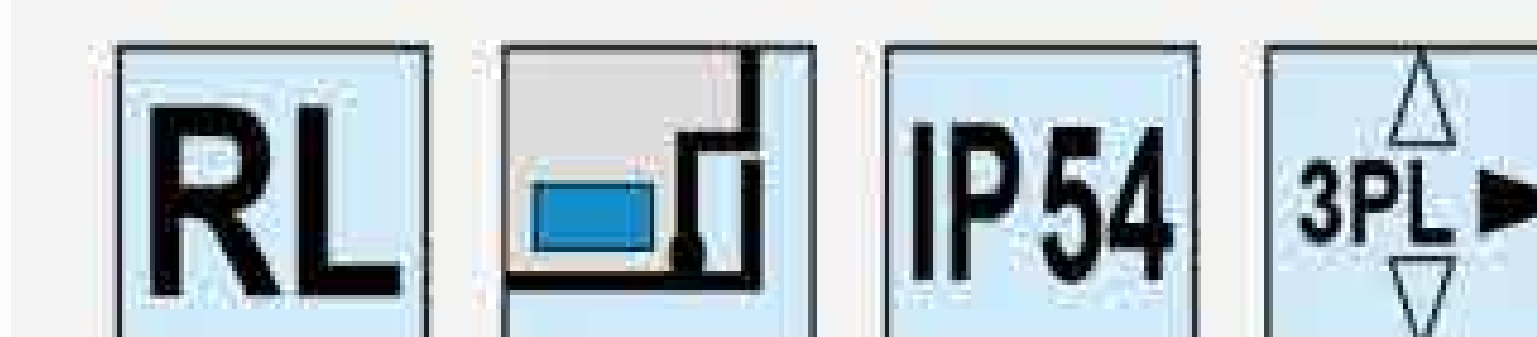
Door Stop

Slide

Lock Accessories

Gasket

ML100-5006



Main material and finish: Black PA panel, bright chrome-plated ZDC insert, white zinc-plated steel cam and rod

Application: Insert quarter-turn combines with rod latch system to open or close

Remark: Default Key K15 series

Default cam: S1B4507 (Cam type)

Performance parameter:

Maximum Input torque: $\leq 10\text{N.m}$

Lock

Hinge

Handle

Draw Latch

Door Stop

Slide

Lock Accessories

Gasket

MH200-1001



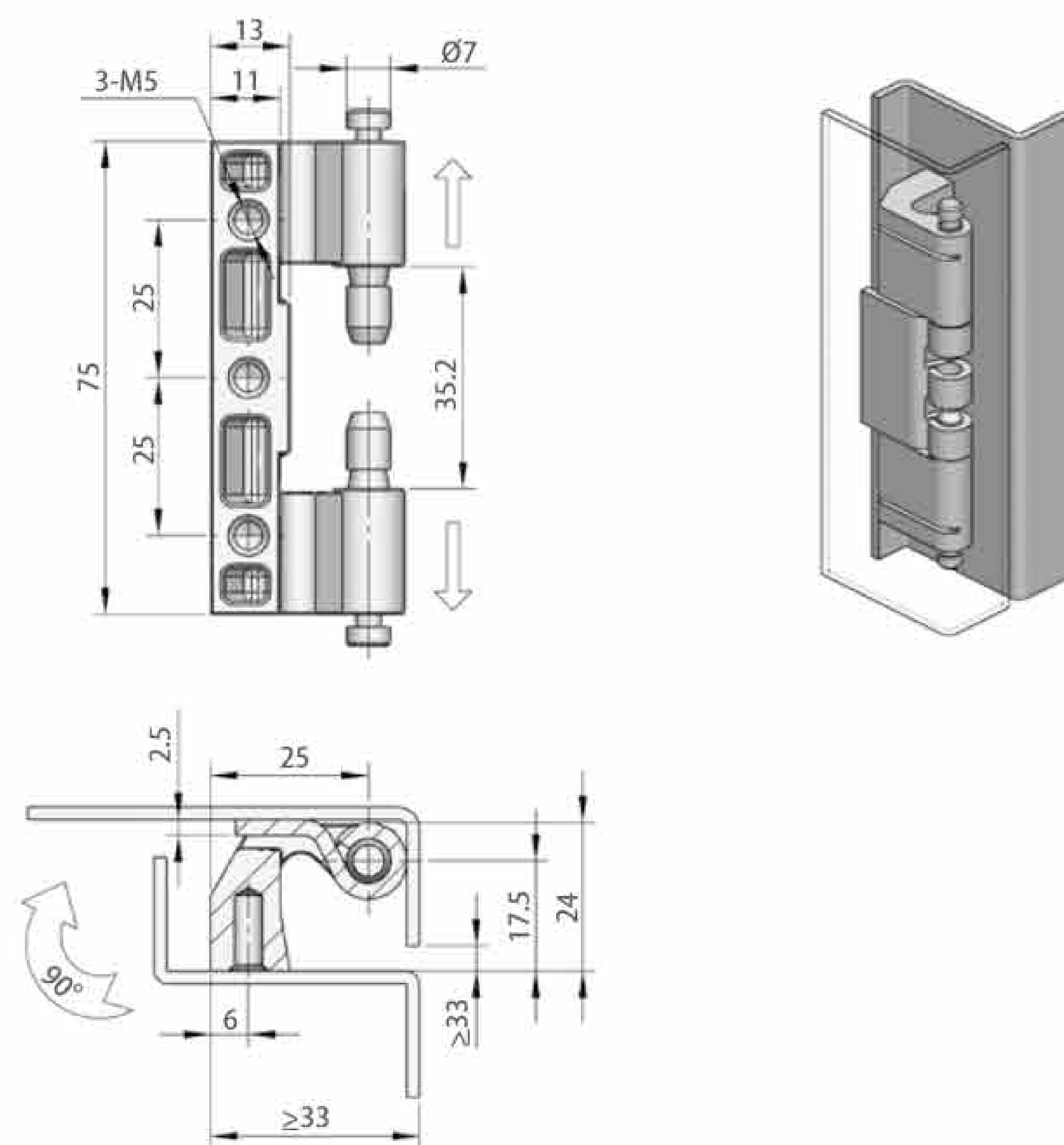
Main material and finish: ZDC hinge, steel pin, accessory

Performance parameter:

Maximum static load

Radial load: 800N

Axial load: 1500N



MH200-1002



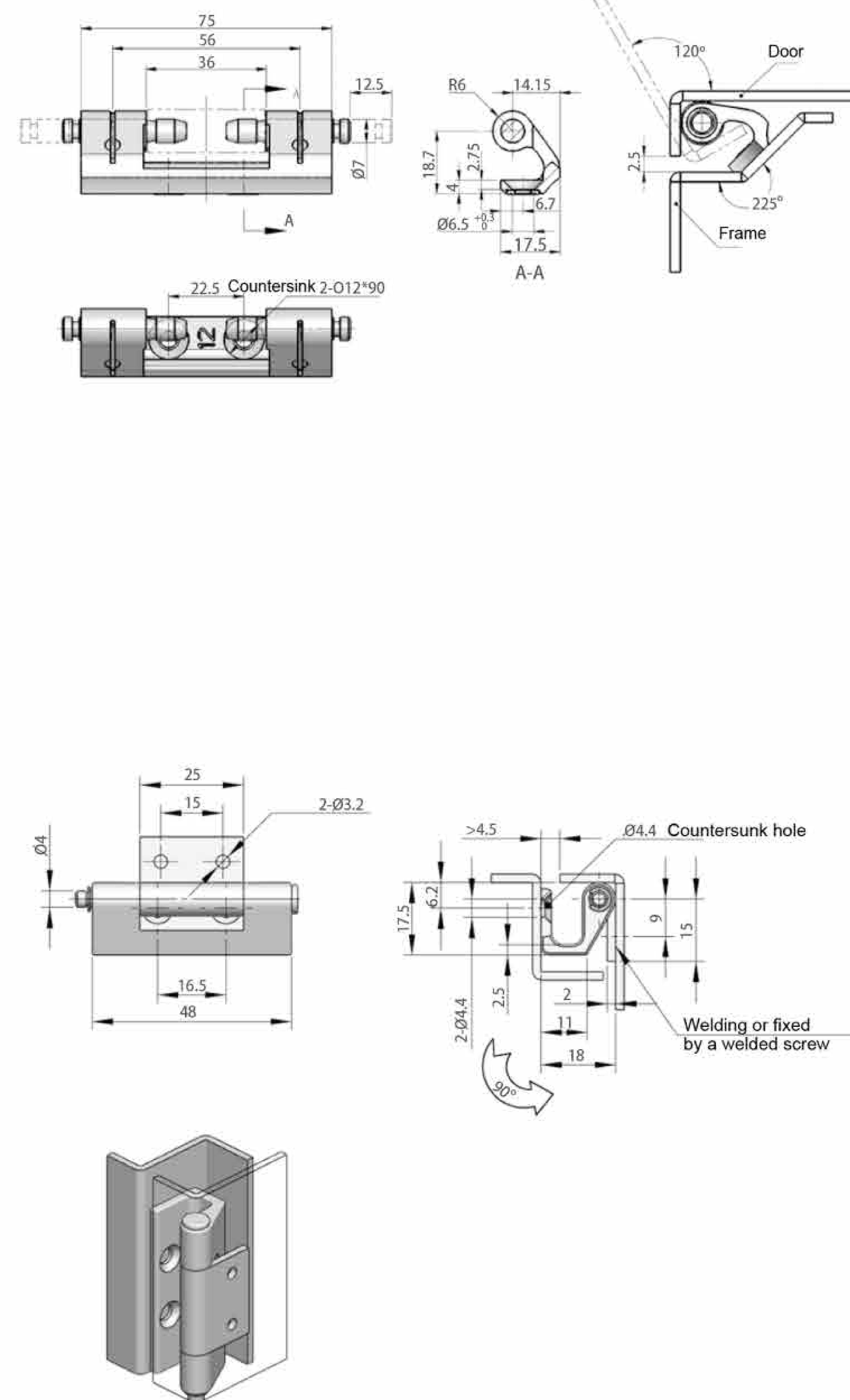
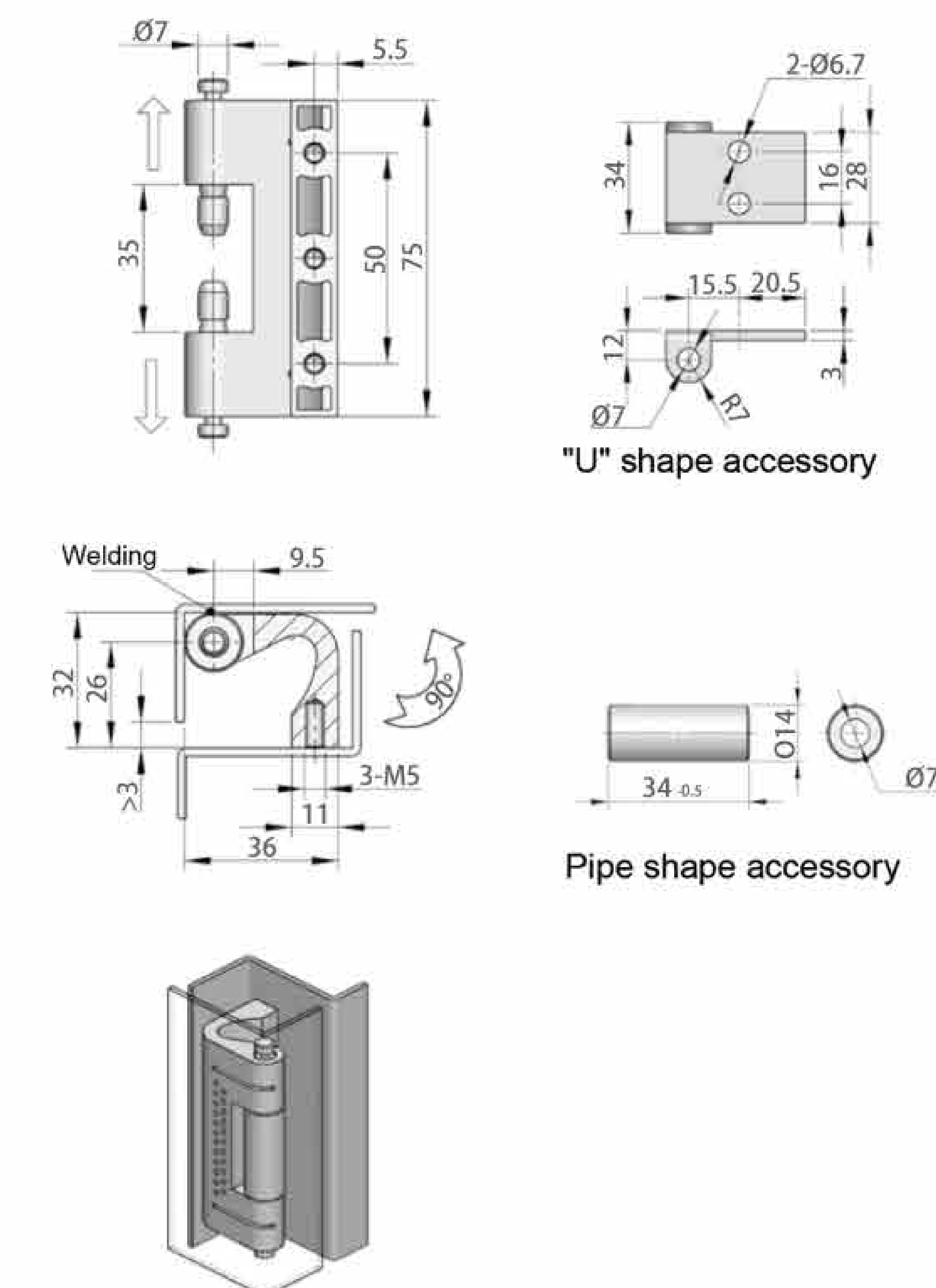
Main material and finish: ZDC hinge, steel pin and accessories

Performance parameter:

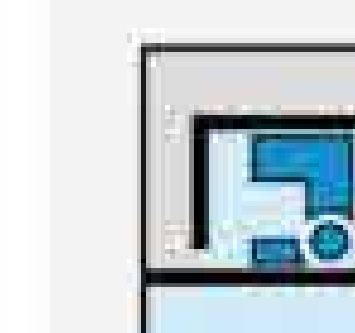
Maximum static load

Radial load: 640N

Axial load: 900N



MH200-1003



Main material and finish: Blast sprayed ZDC hinge leaf and steel pin.

Application: Opening angle 120°

Performance parameter:

Maximum static load

Radial load: 500N

Axial load: 800N

MH200-1004



Main material and finish: Sand-spraying and nickel-plated ZDC female hinge, white zinc-plated steel male hinge, nickel plated steel pin

Application: Opening angle 90°

Performance parameter:

Maximum static load

Radial load: 1295N

Axial load: 290N

Lock

Hinge

Handle

Draw Latch

Door Stop

Slide

Lock Accessories

Gasket

MH200-1005



Main material and finish: White zinc plated steel hinge and pin

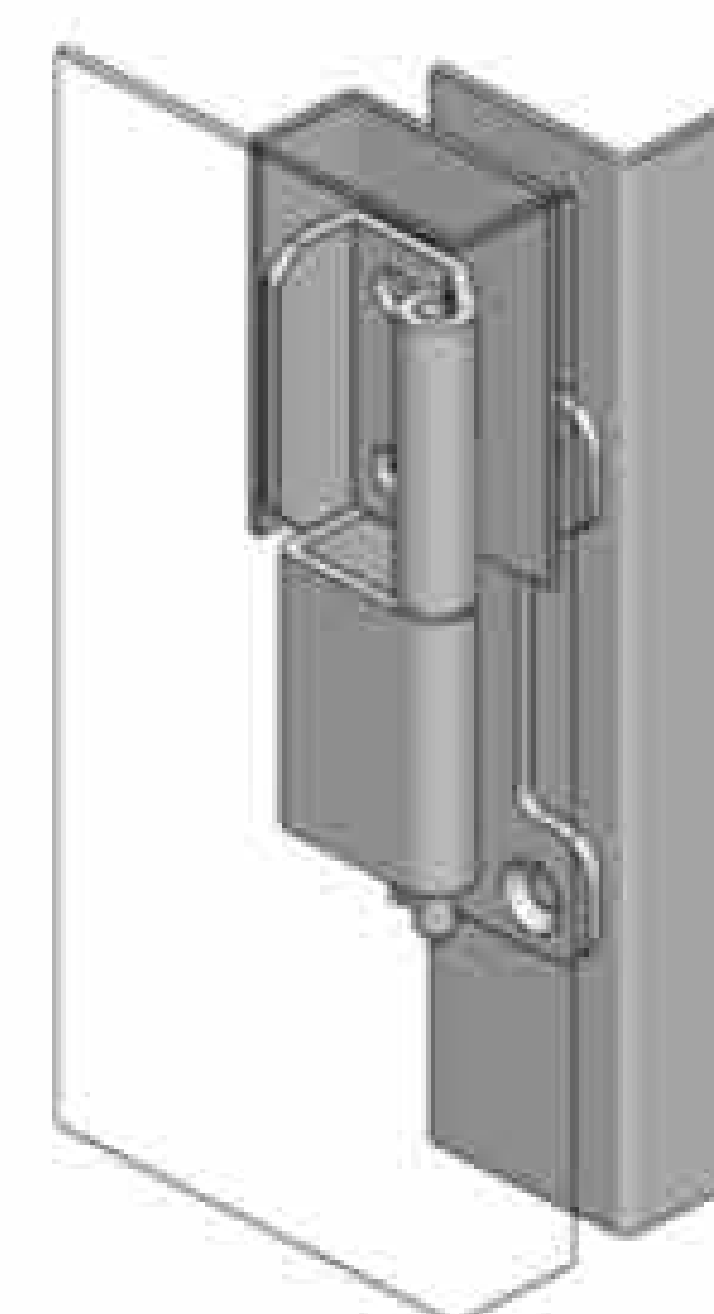
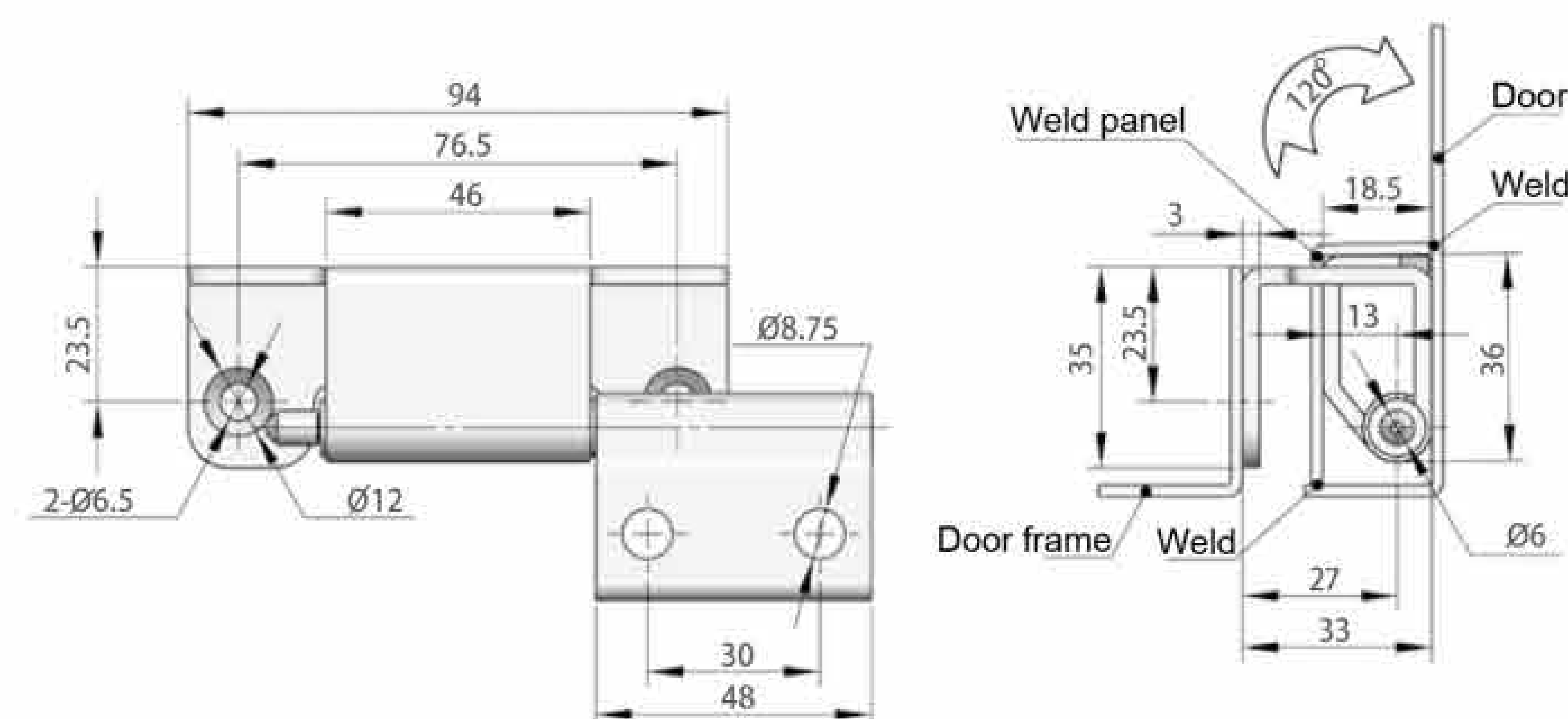
Application: Opening angle 120°

Performance parameter:

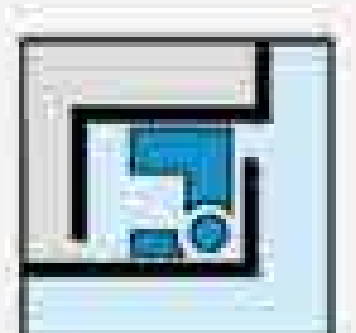
Maximum static load

Radial load: 270N

Axial load: 305N



MH200-1006



Main material and finish: White zinc plated steel and pin

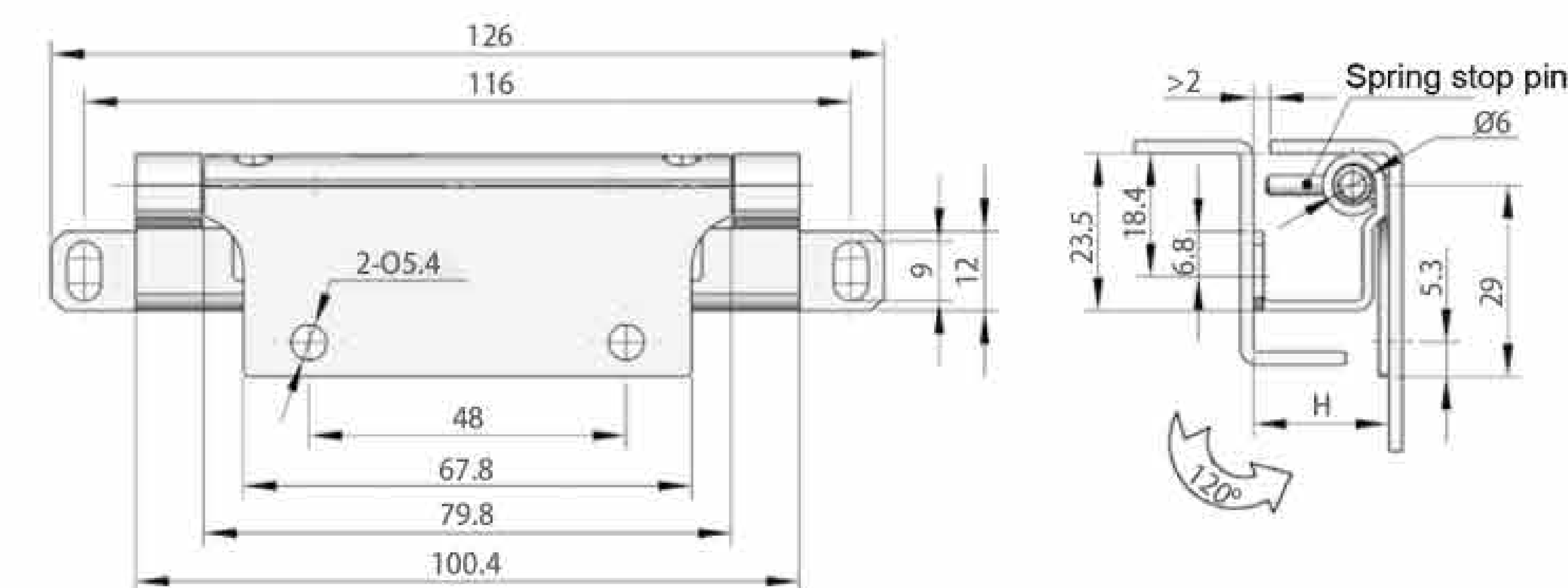
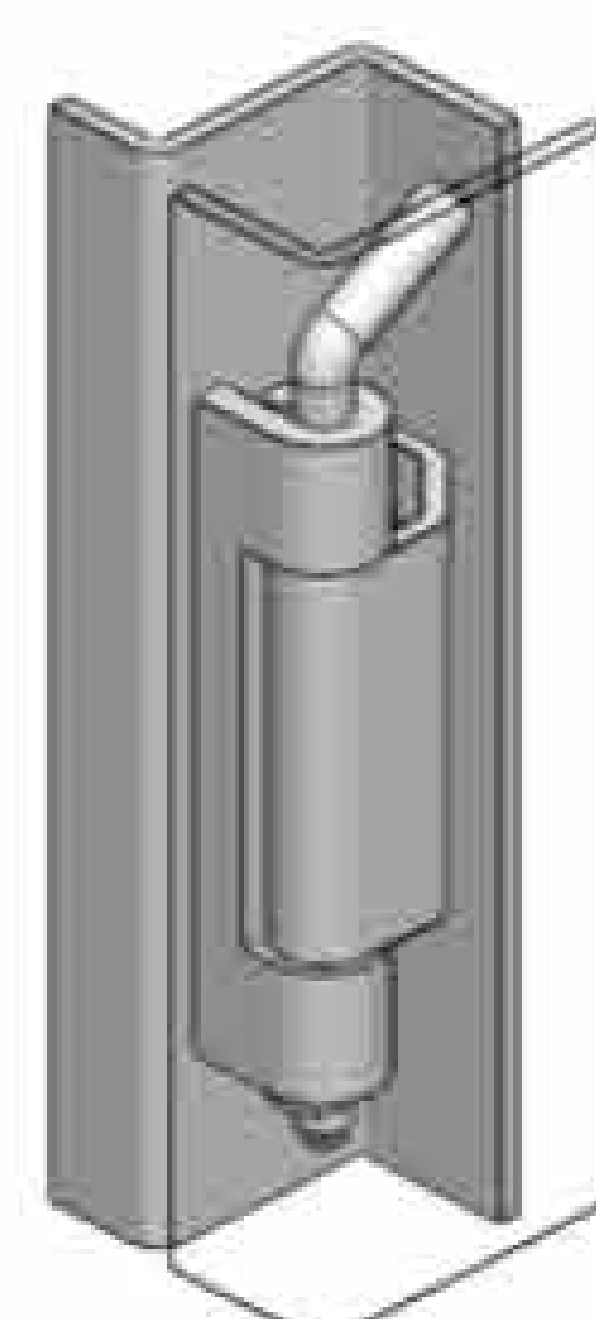
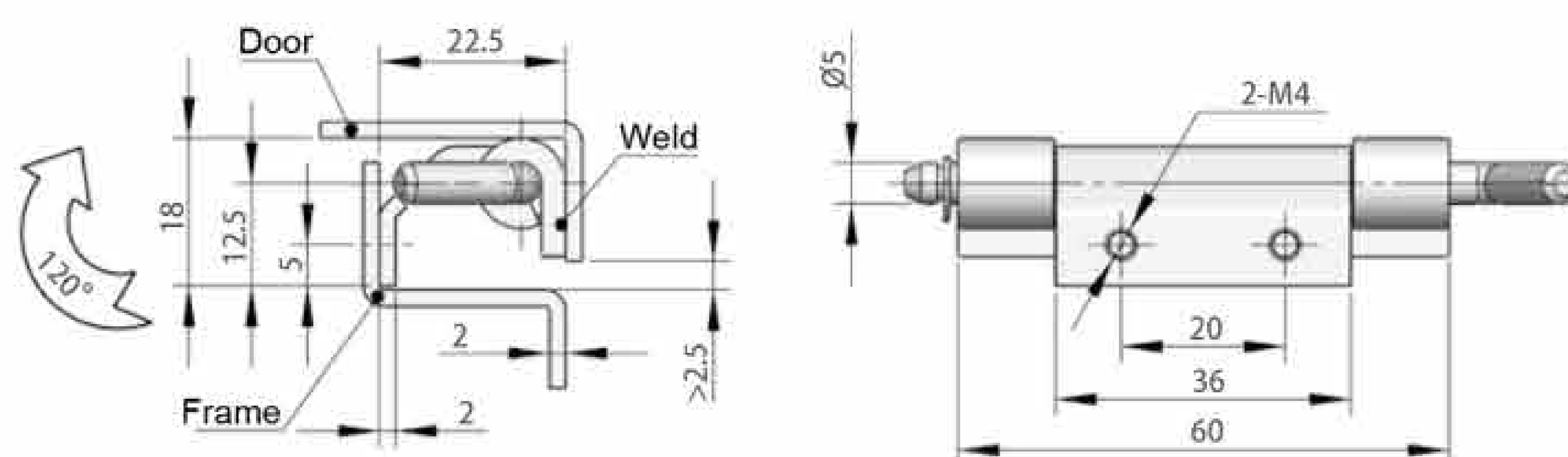
Application: Opening angle 120°

Performance parameter:

Maximum static load

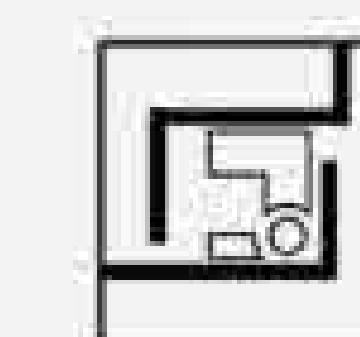
Radial load: 280N

Axial load: 250N



Model	H	Material
MH200-1007-1	23.9	Stainless steel
MH200-1007-2	20.5	Stainless steel
MH200-1007-3	17.5	Stainless steel
MH200-1007-1A	23.9	Steel
MH200-1007-2A	20.5	Steel
MH200-1007-3A	17.5	Steel

MH200-1007



Main material and finish: Stainless steel or steel hinge

Performance parameter:

Maximum static load

Radial load: 260N

Axial load: 450N

MH200-1008



Main material and finish: White zinc-plated steel hinge

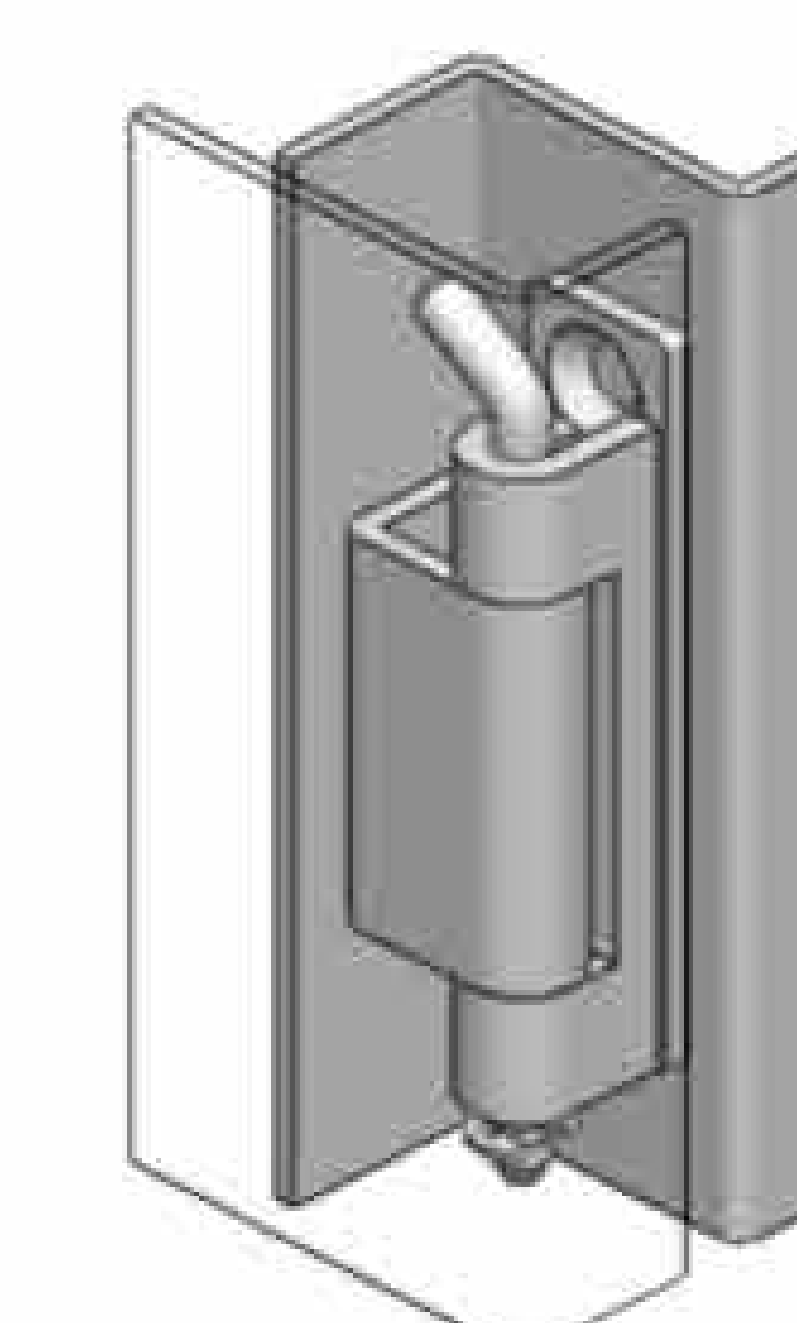
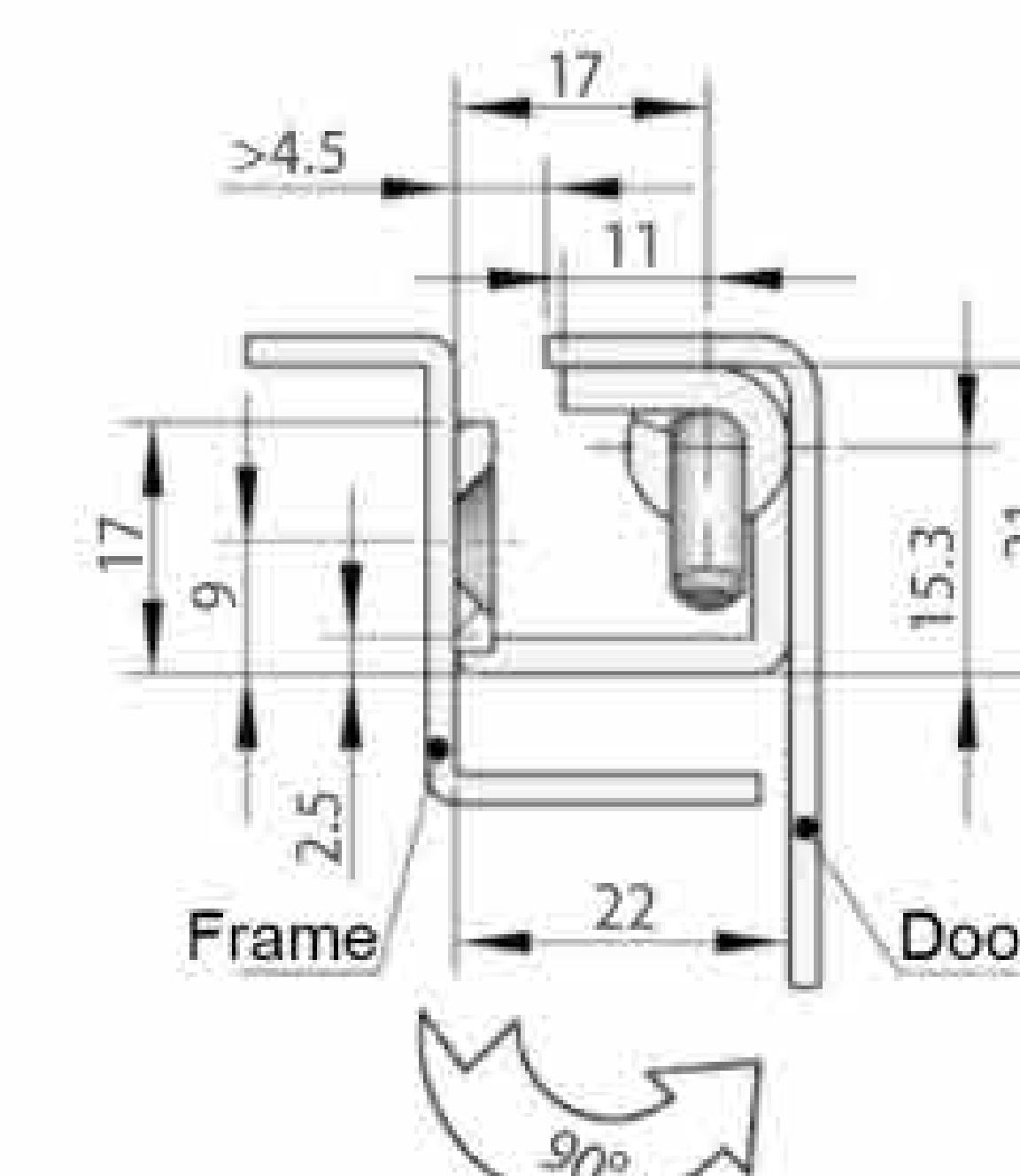
Application: Opening angle 120°

Performance parameter:

Maximum static load

Radial load: 120N

Axial load: 310N



MH200-2001

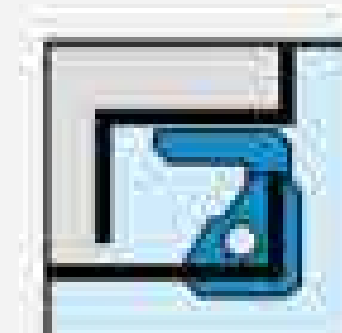


Main material and finish: Black powder coated ZDC hinge, nickel-plated steel pin
Application: Opening angle 180°

Performance parameter:
Maximum static load

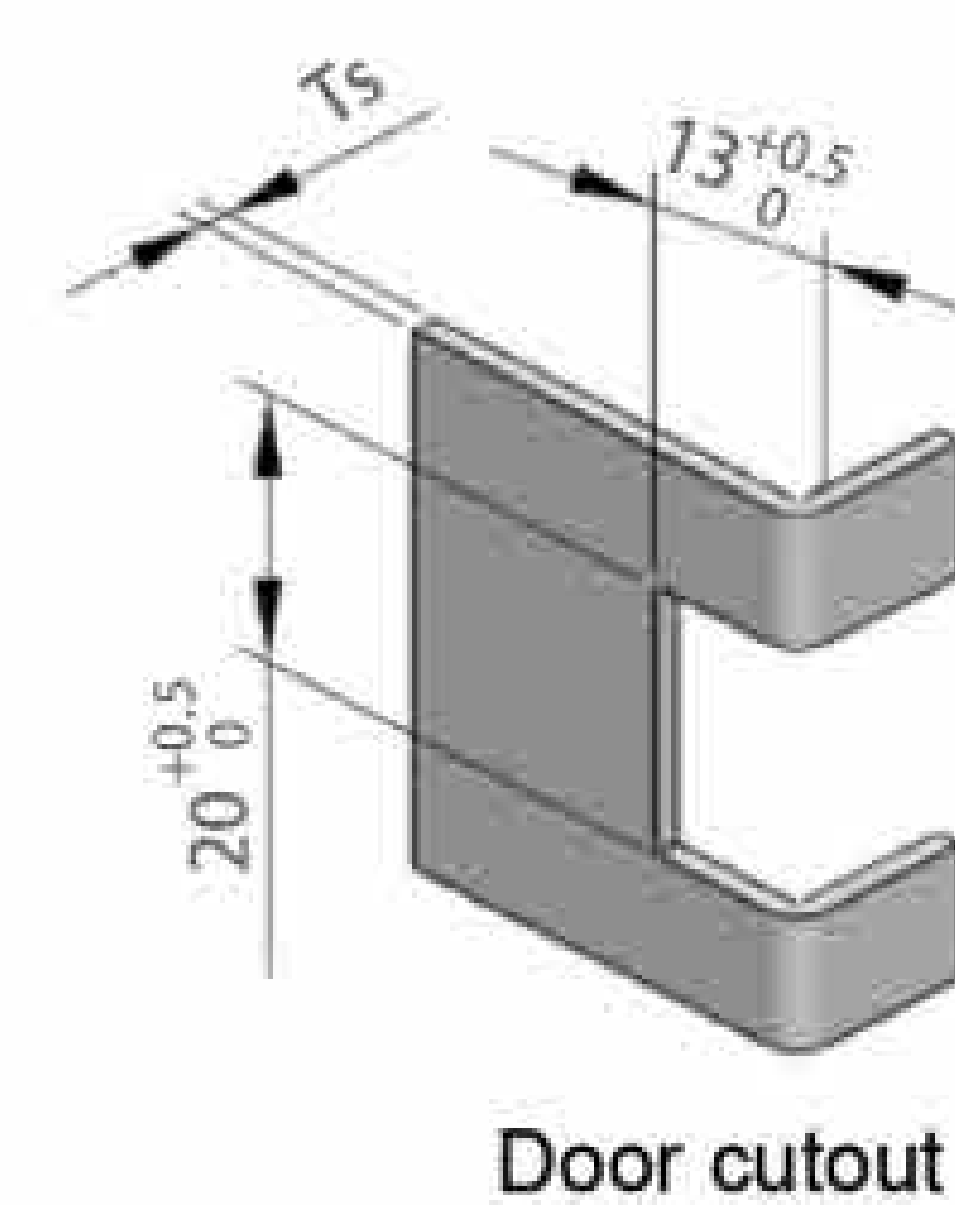
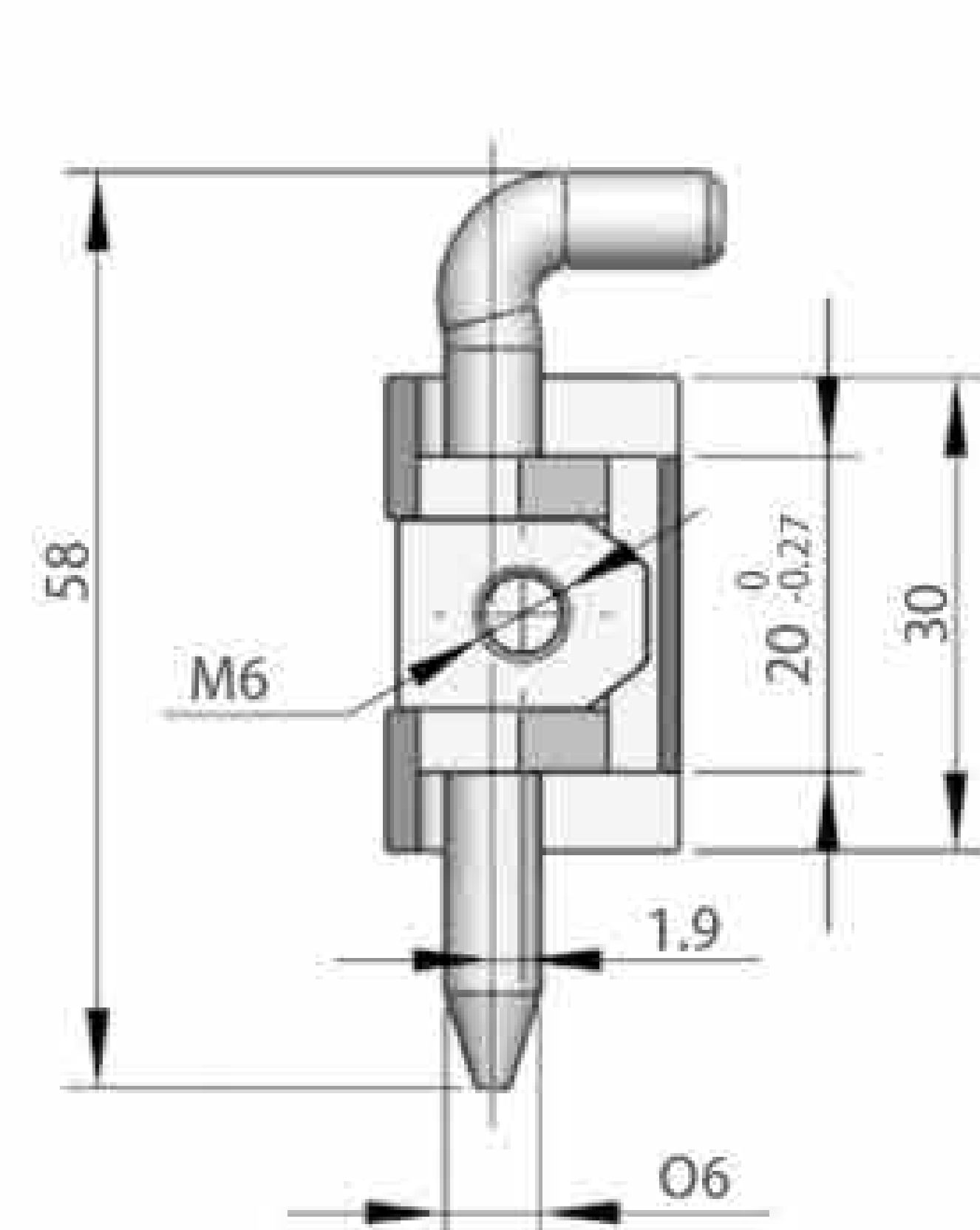
Radial load: 940N **Axial load:** 720N

MH200-2002

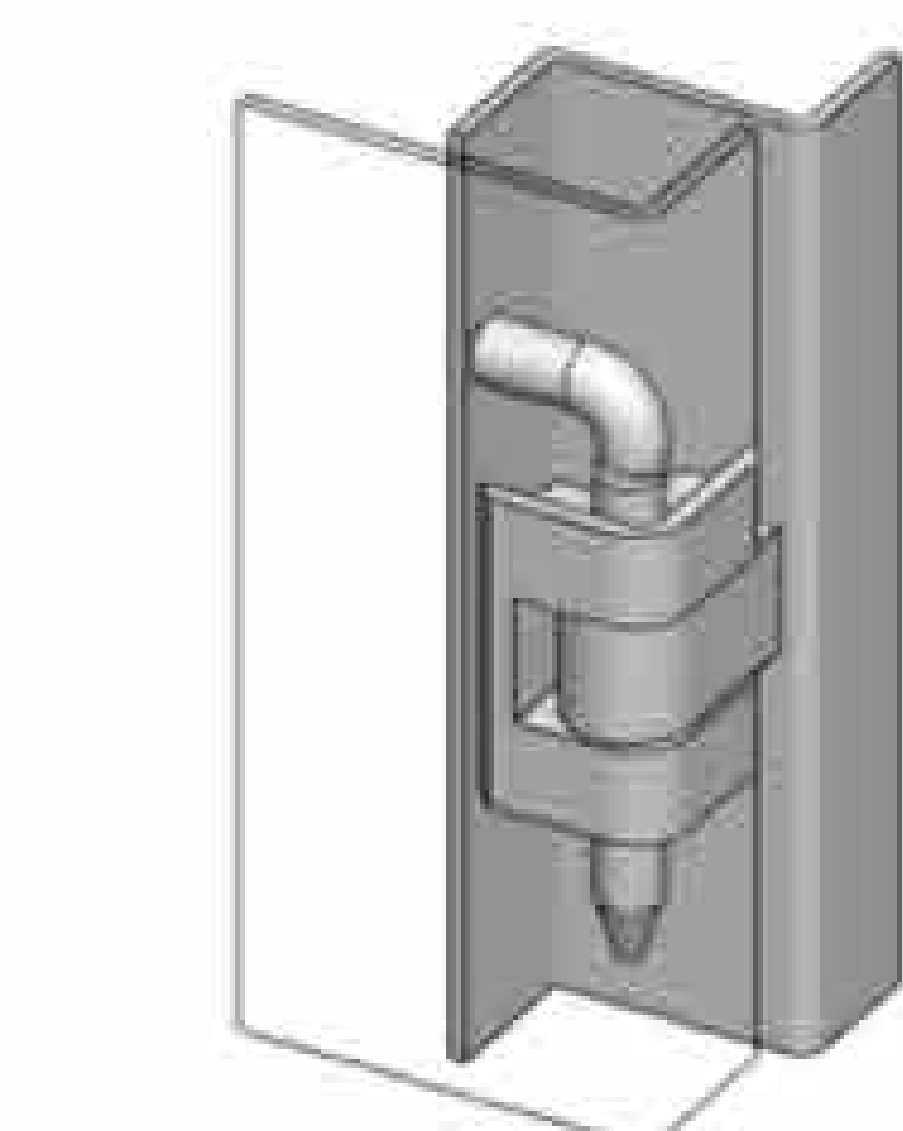
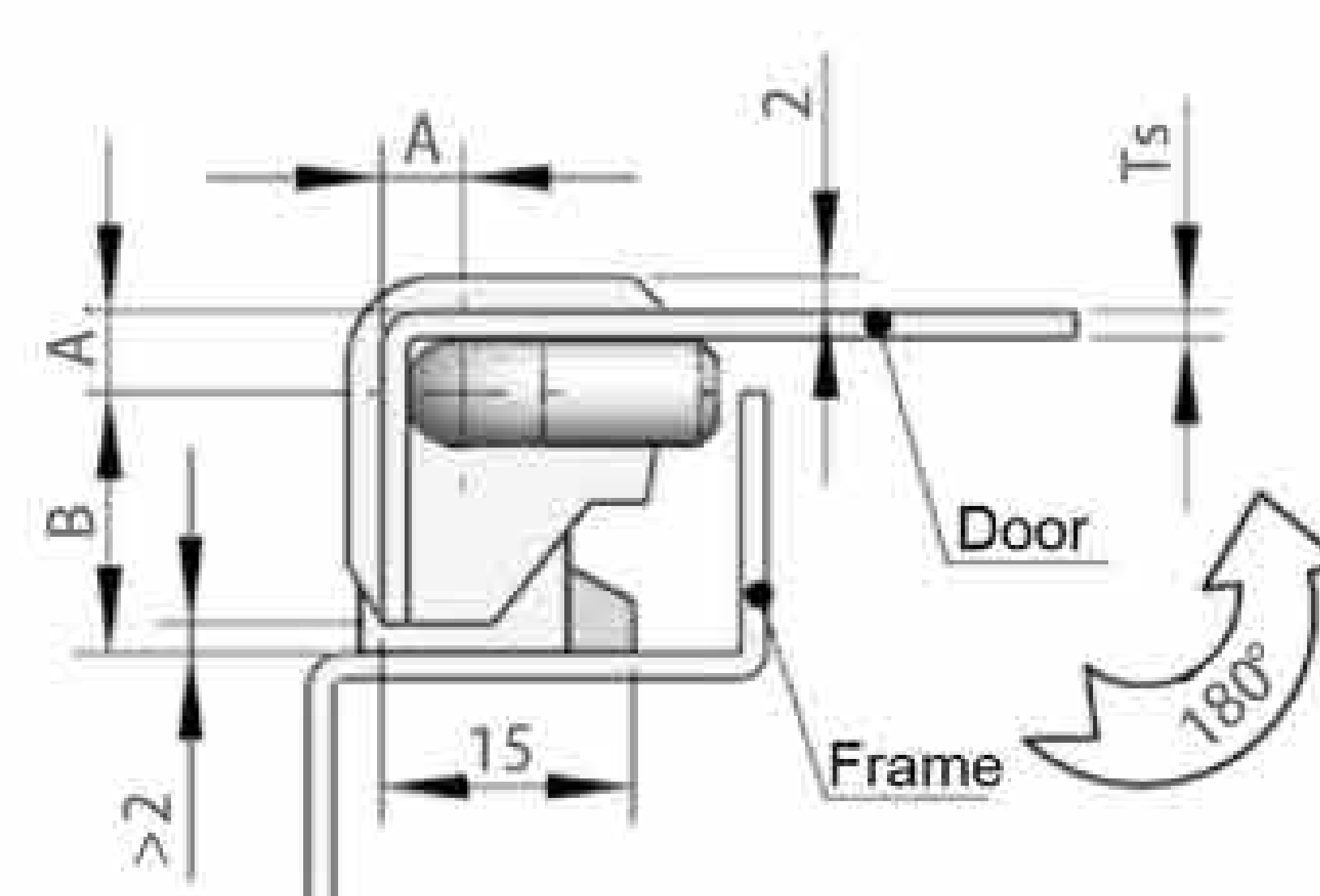


Main material and finish: Black powder coated ZDC hinge, nickel-plated steel pin
Application: Opening angle 180°

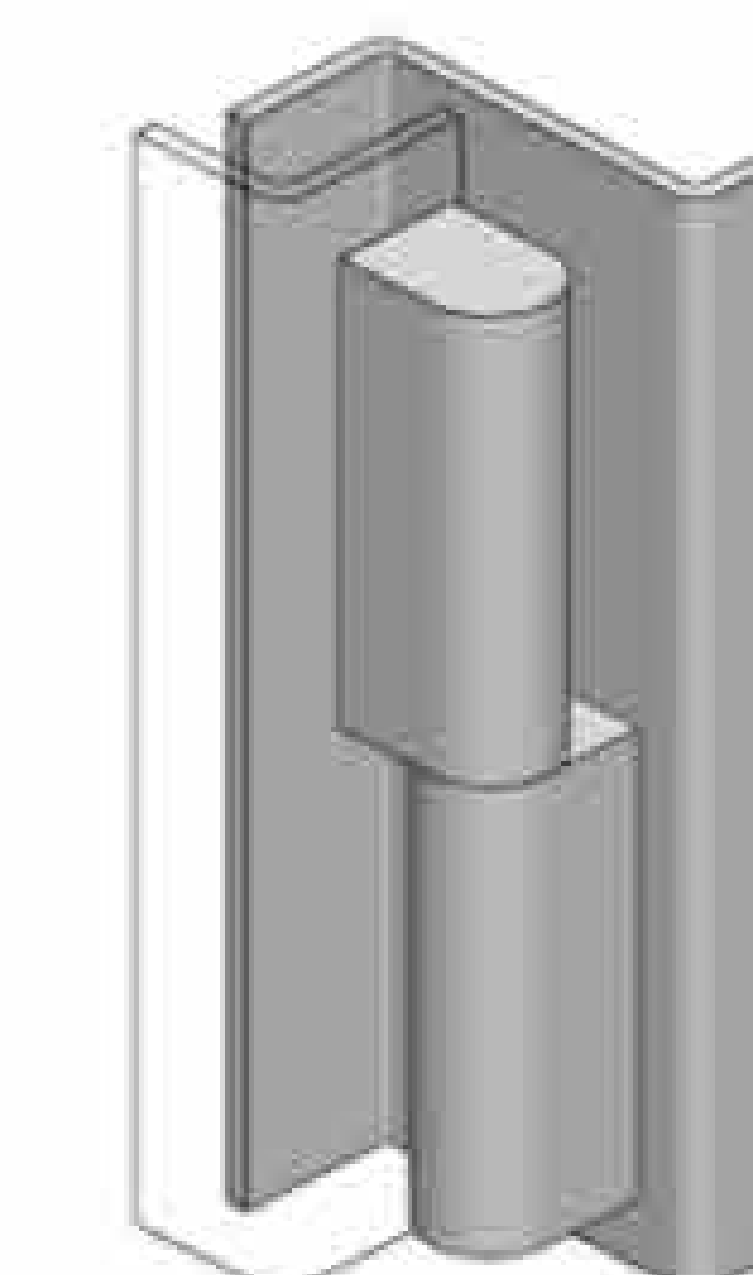
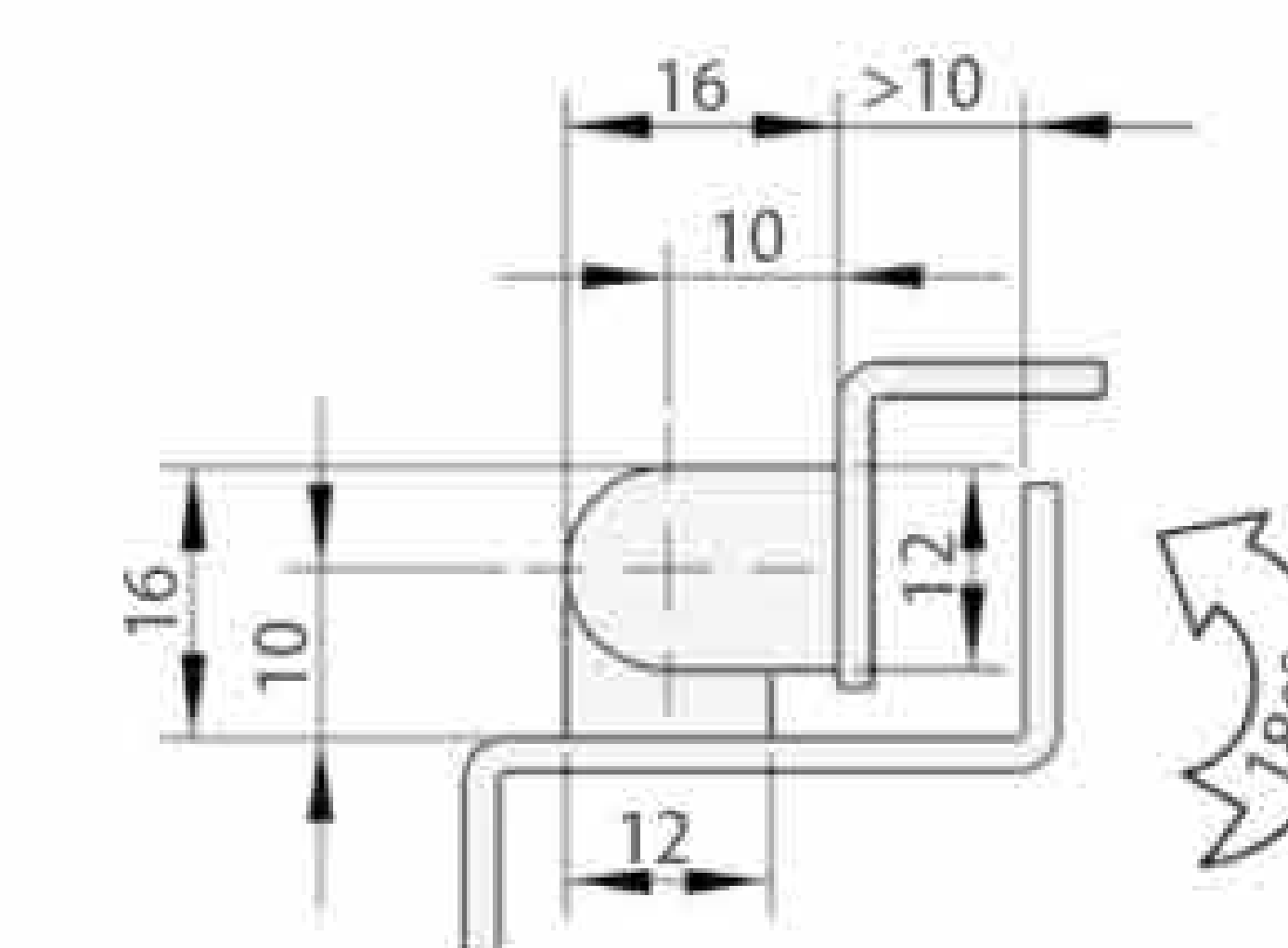
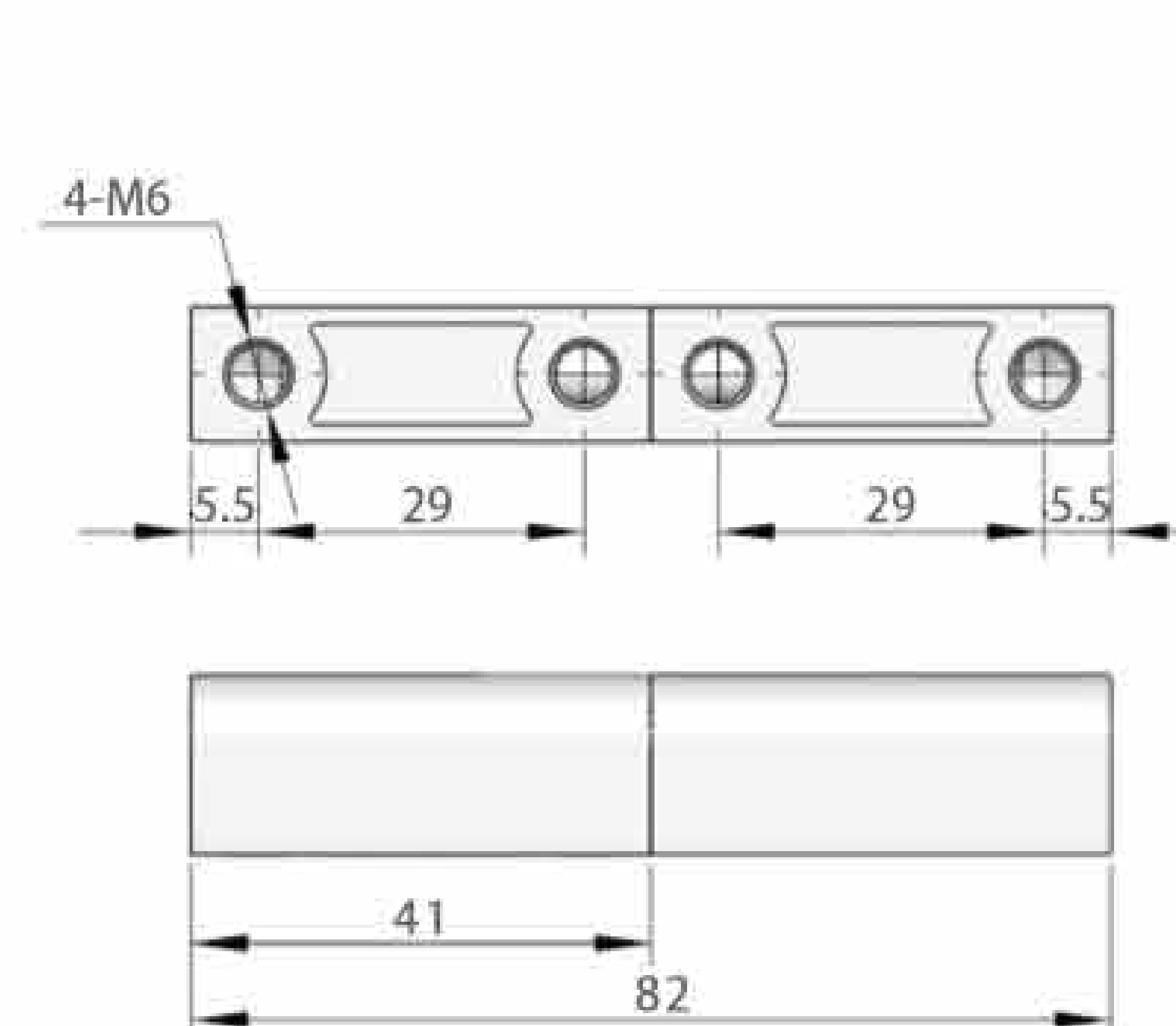
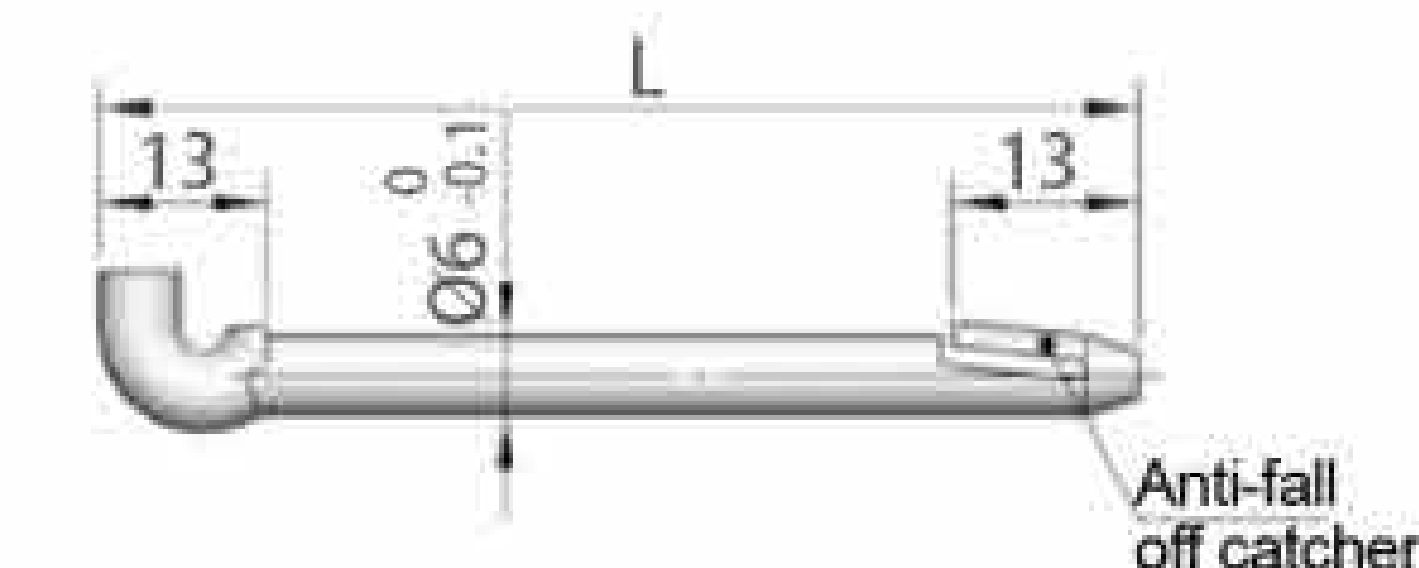
Performance parameter:
Maximum static load
Radial load: 1050N
Axial load: 980N



Door cutout



Nylon pin (Optional)



MH200-2003



Main material and finish: Bright chrome-plated ZDC hinge
Application: Opening angle 180°

Performance parameter:
Maximum static load
Radial load: 1000N
Axial load: 1800N

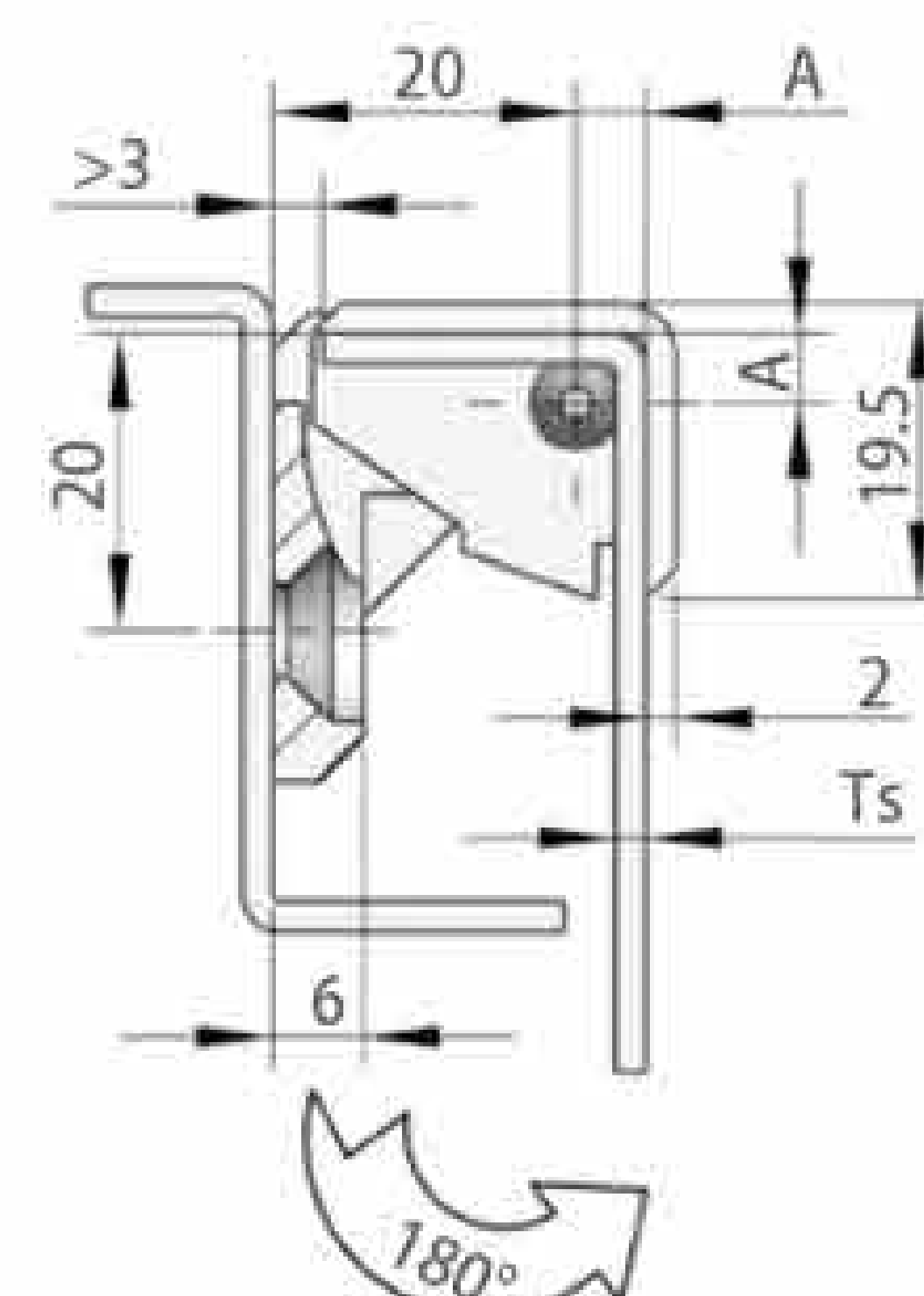
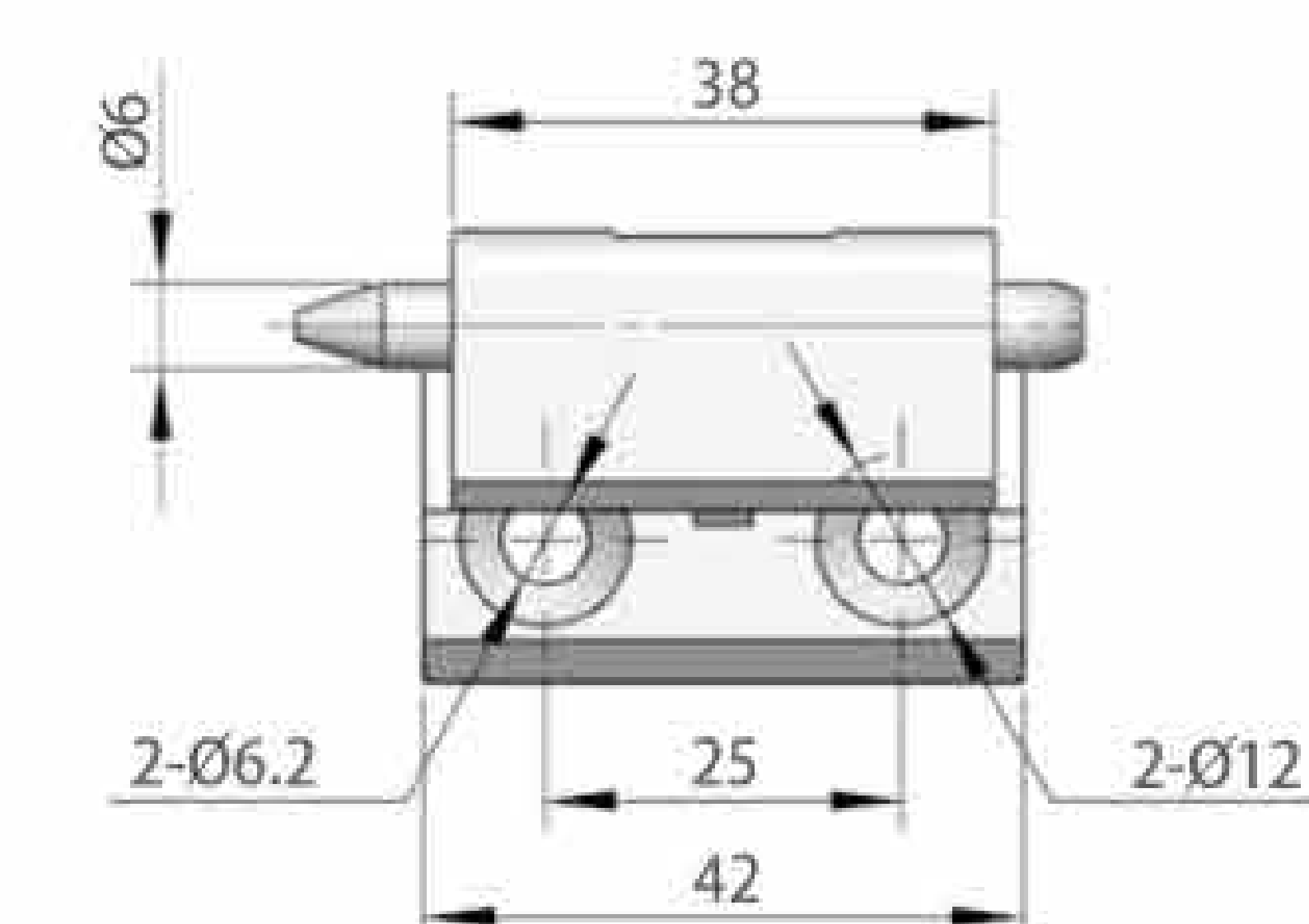
MH200-2004



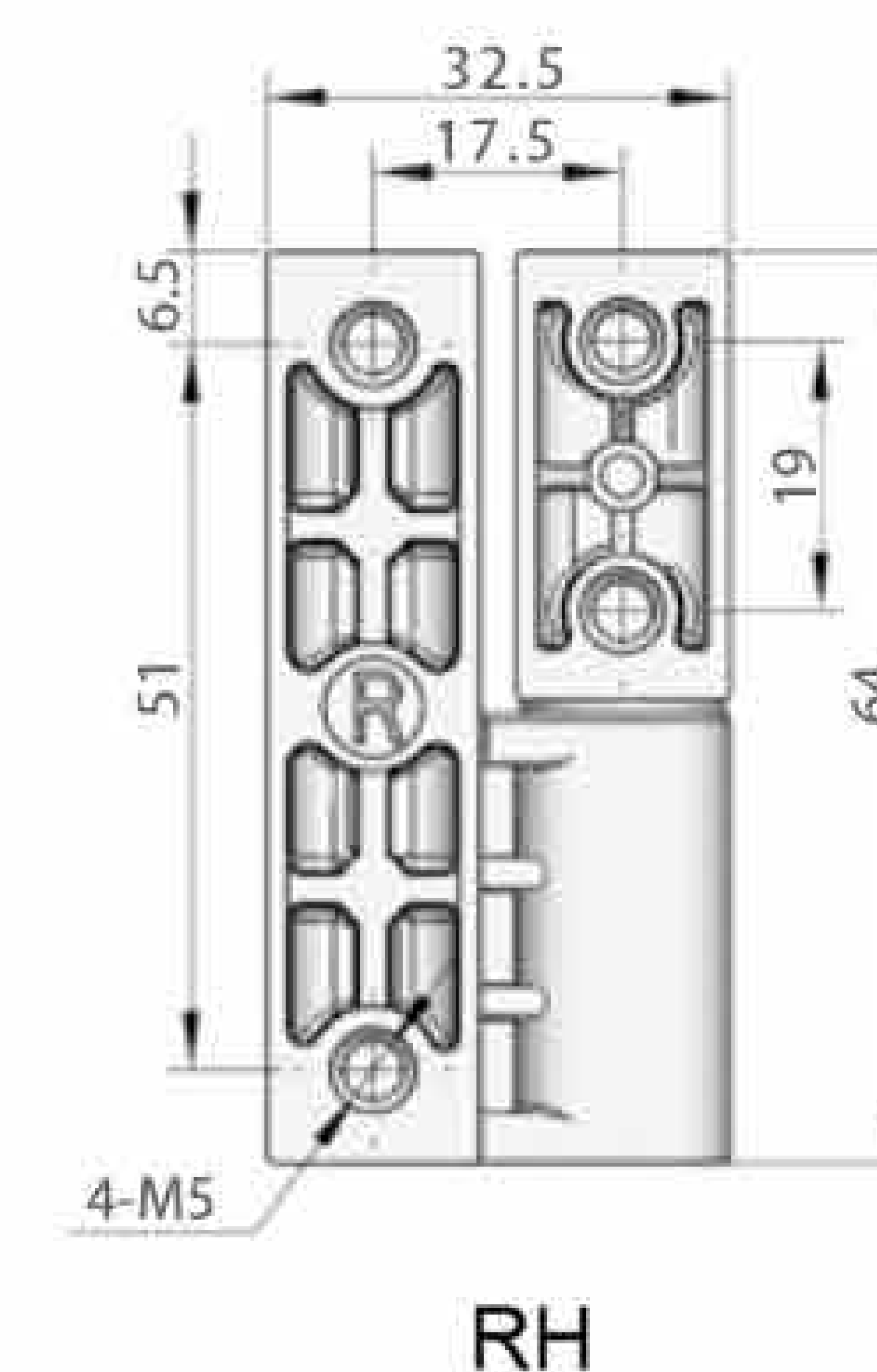
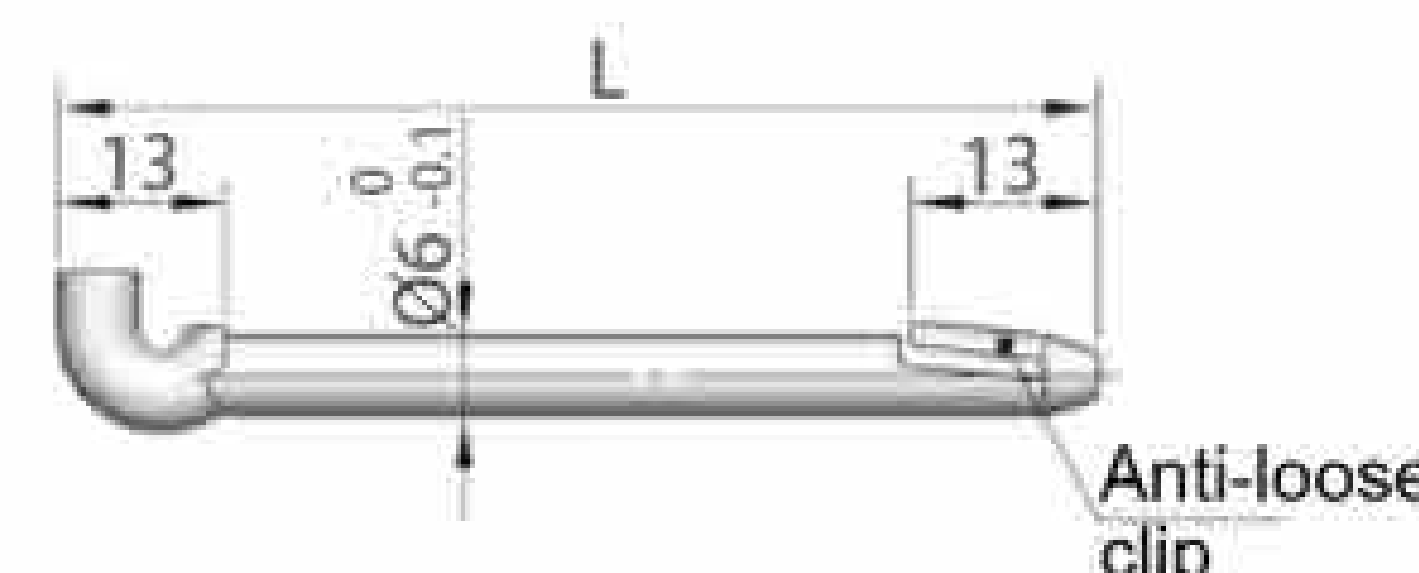
Main material and finish: ZDC hinge PA bushing
Application: Opening degree 180°

Performance parameter:
Maximum static load

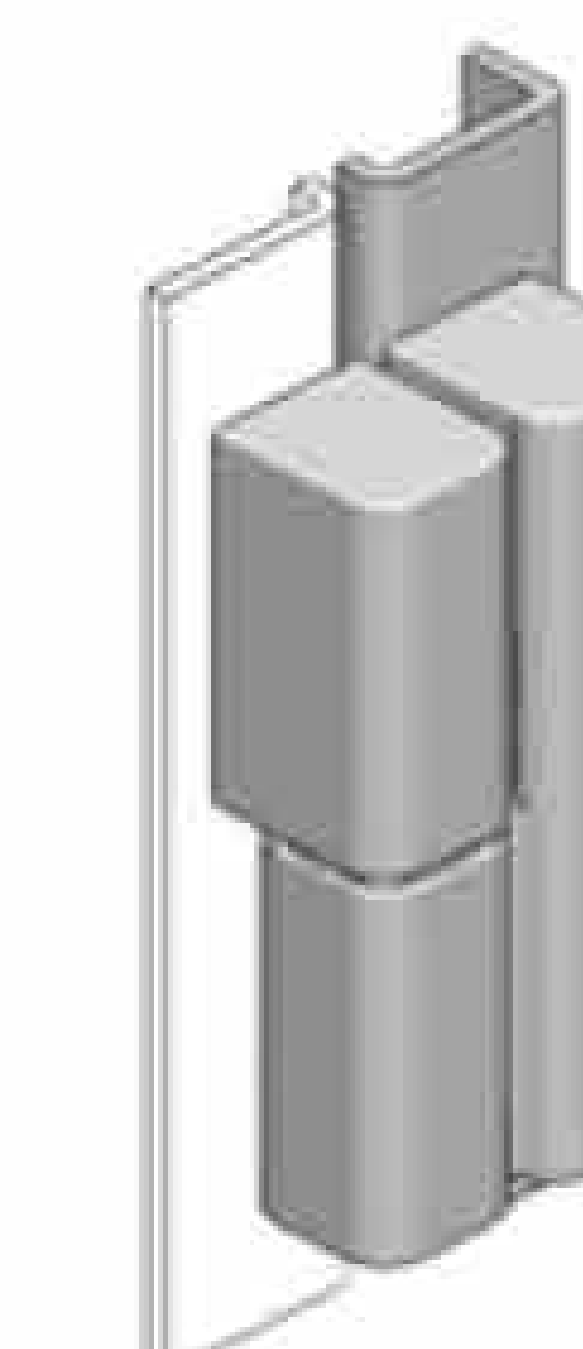
Radial load: 490N **Axial load:** 570N



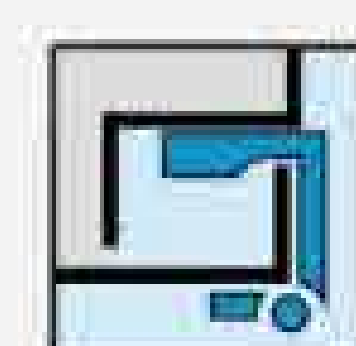
Optional nylon pin



Offset hinge

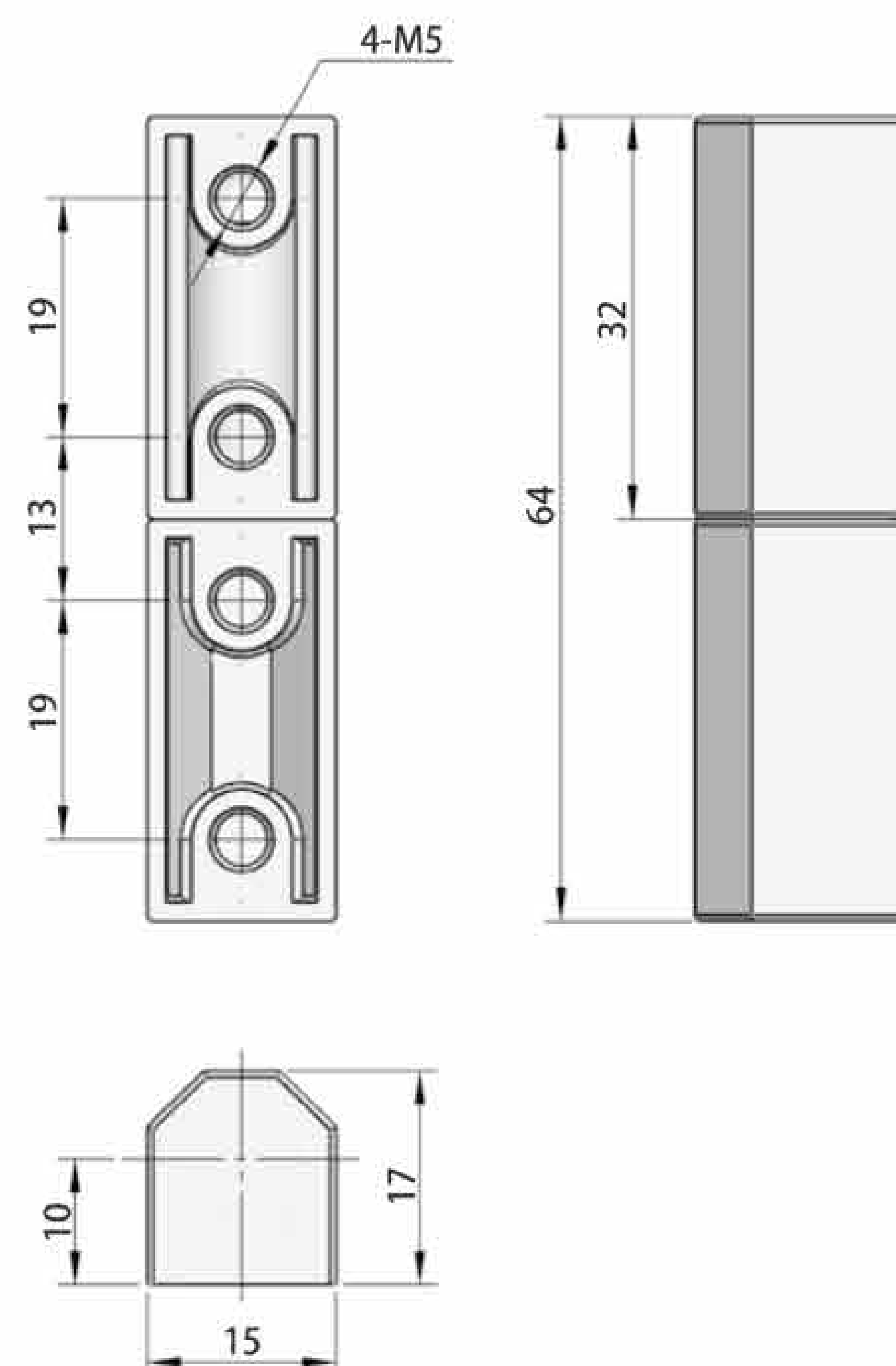


MH200-2005



Main material and finish: ZDC hinge
Application: Opening degree 180°

Performance parameter:
Maximum static load
Radial load: 600N
Axial load: 1500N



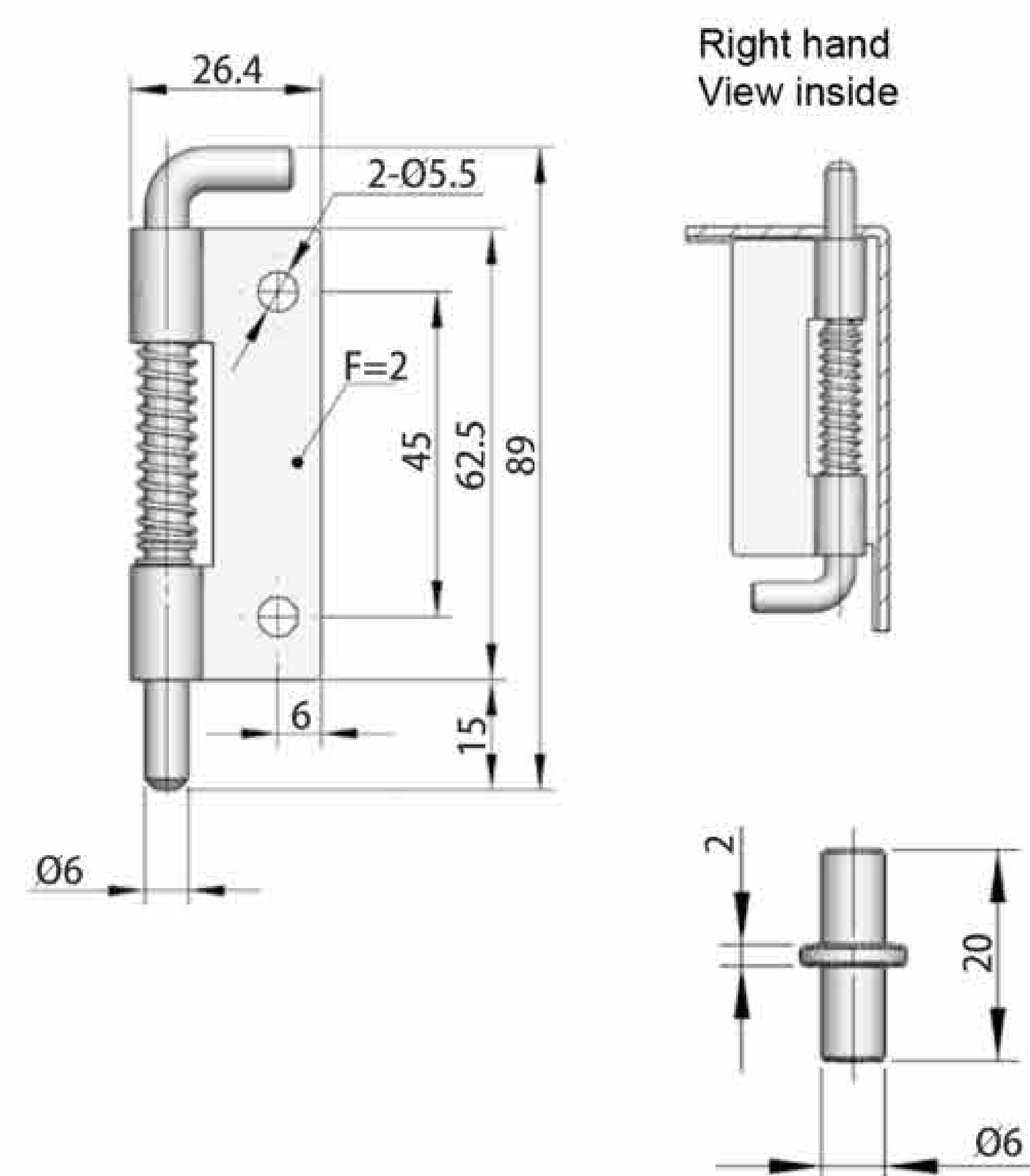
MH200-2006



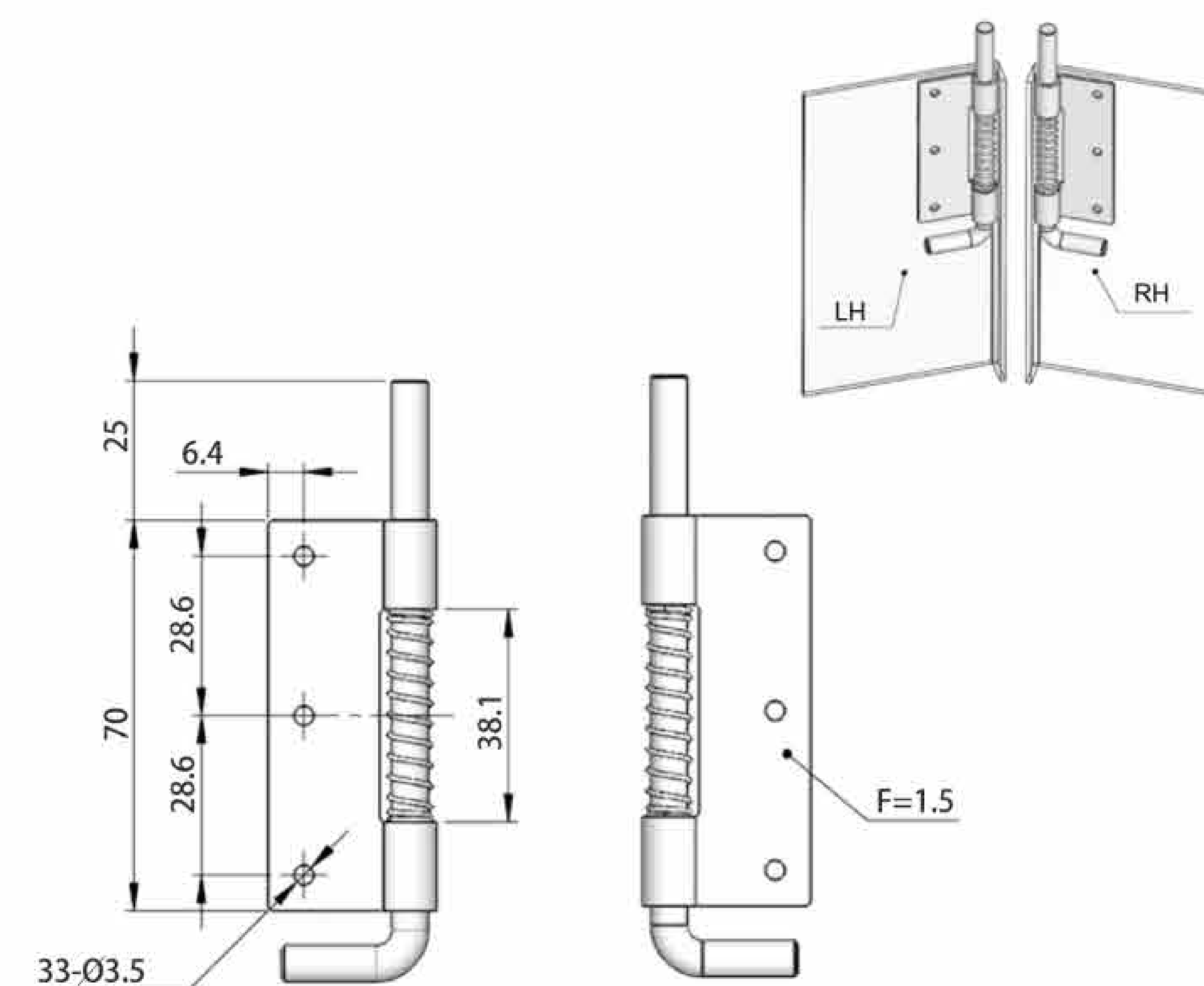
Main material and finish: White zinc plated steel hinge leaf

Performance parameter:
Maximum static load

Radial load: 150N
Axial load: 200N



Remark: Accessory (optional) This accessory is used as an alternative to the hinge with pin, usually fitted at the bottom of the door as load-bearing fixing door



MH200-2007



Main material and finish: White zinc plated steel hinge leaf

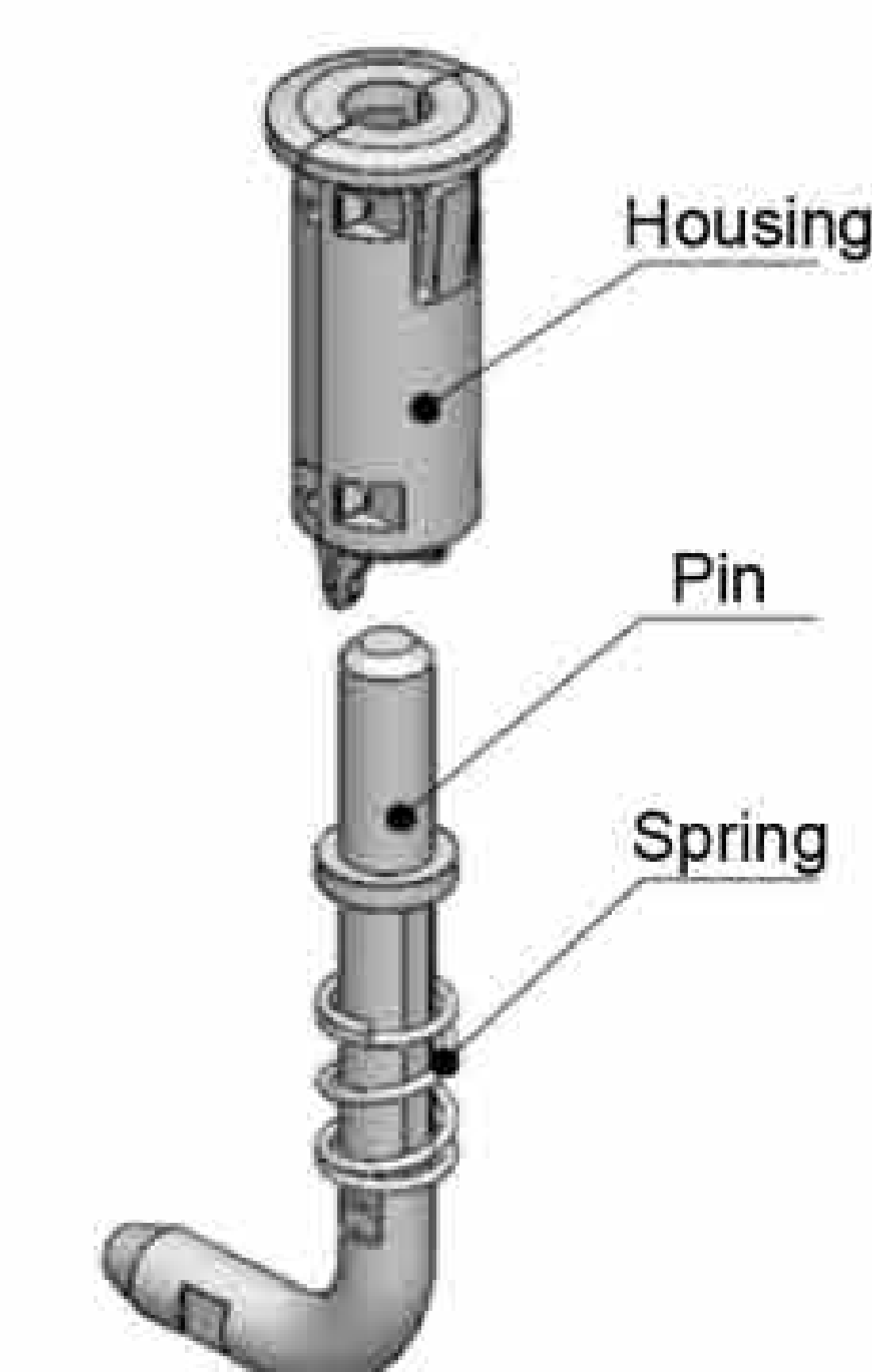
Performance parameter:
Maximum static load
Radial load: 525N
Axial load: 125N

MH200-2008

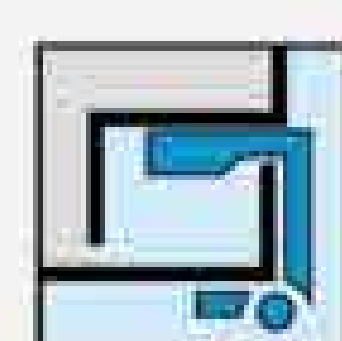


Main material and finish: Black PA hosing, white zinc-plated ZDC latch, stainless steel spring
Application: Telescopic 8mm

Exploded drawing



MH200-3001



Main material and finish: ZDC hinge and steel pin

Application: Opening angle 180°

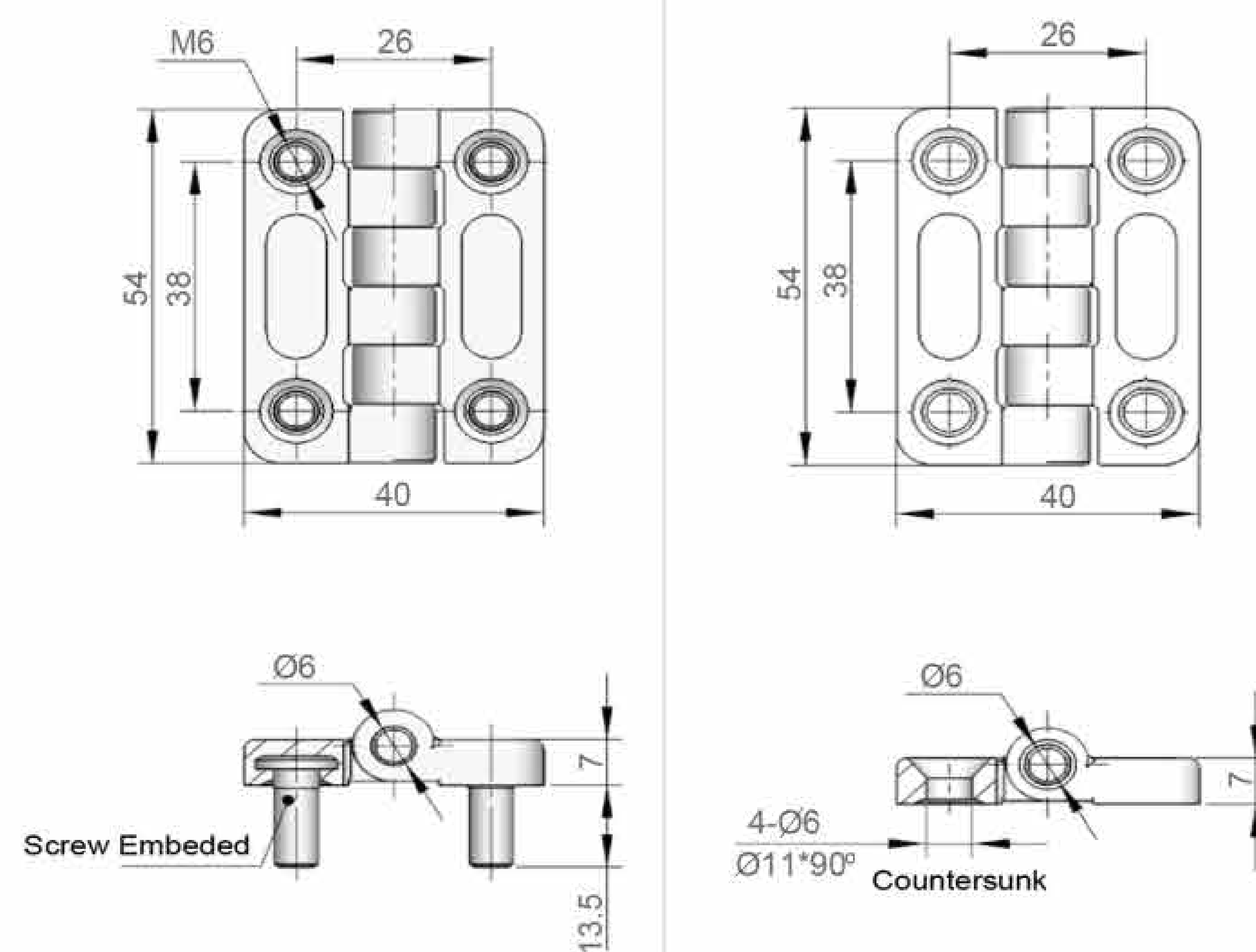
Performance parameter:

Maximum static load

Radial load: 1500N

Axial load: 1800N

Embedded screw recommended tightening torque : 10N.m



Chrome plated	Black powder coated	Stainless steel 304	Specification									
			L1	L2	L3	L4	H1	H2	H3	D	M	
MH200-3001-1AC	MH200-3001-1AB	MH200-3001-1AS	42	40	30	25	5	/	12	/	5	
MH200-3001-2AC	MH200-3001-2AB	MH200-3001-2AS	54	40	38	26	7	11	12	/	6	
MH200-3001-2C	MH200-3001-2B	MH200-3001-2S	54	40	38	26	7	11	/	6.5	/	
MH200-3001-3AC	MH200-3001-3AB	MH200-3001-3AS	76	50	56	30	6	12	14.5	/	6	
MH200-3001-3C	MH200-3001-3B	MH200-3001-3S	76	50	56	30	6	12	/	6.5	/	

MH200-3002



Main material and finish: ZDC hinge

Application: Opening angle 180°

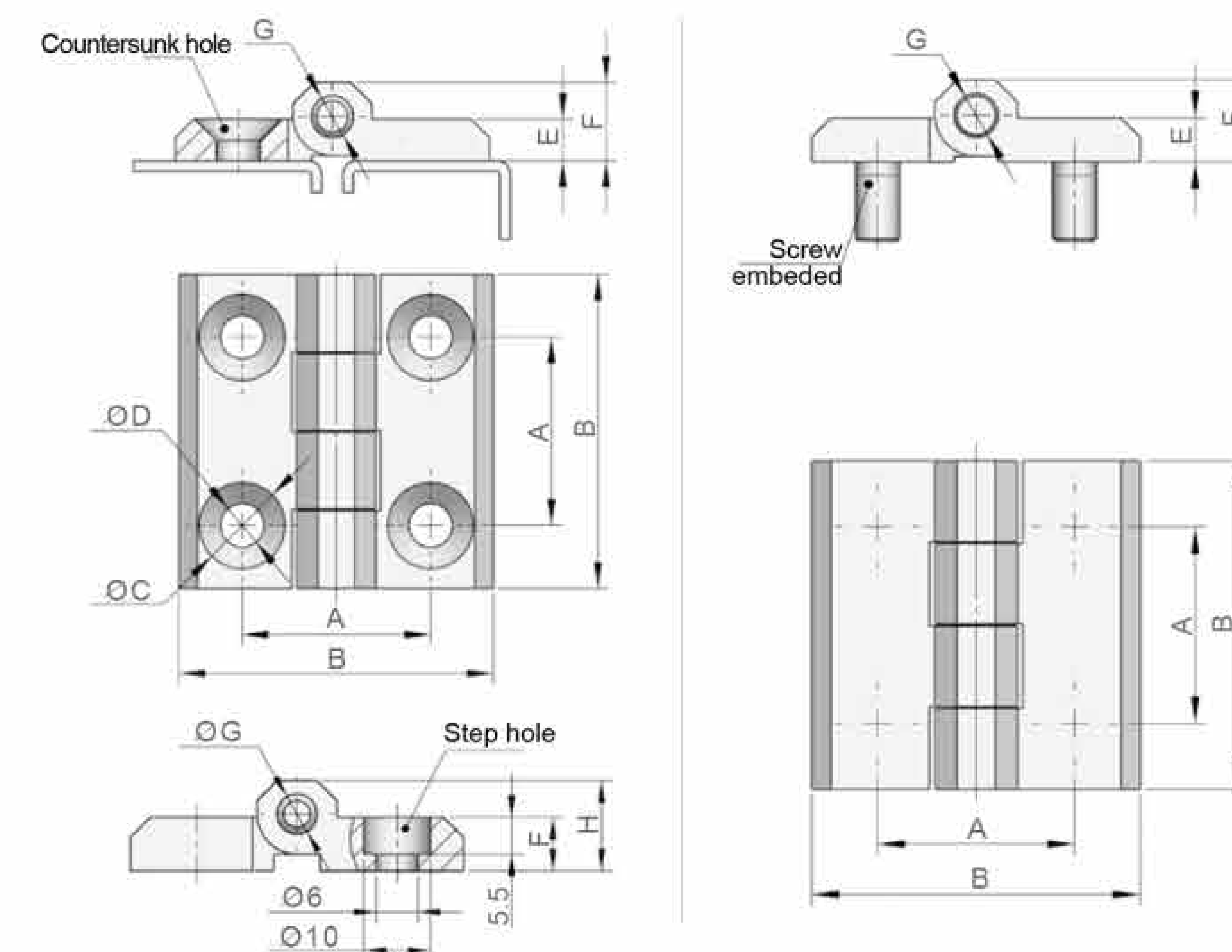
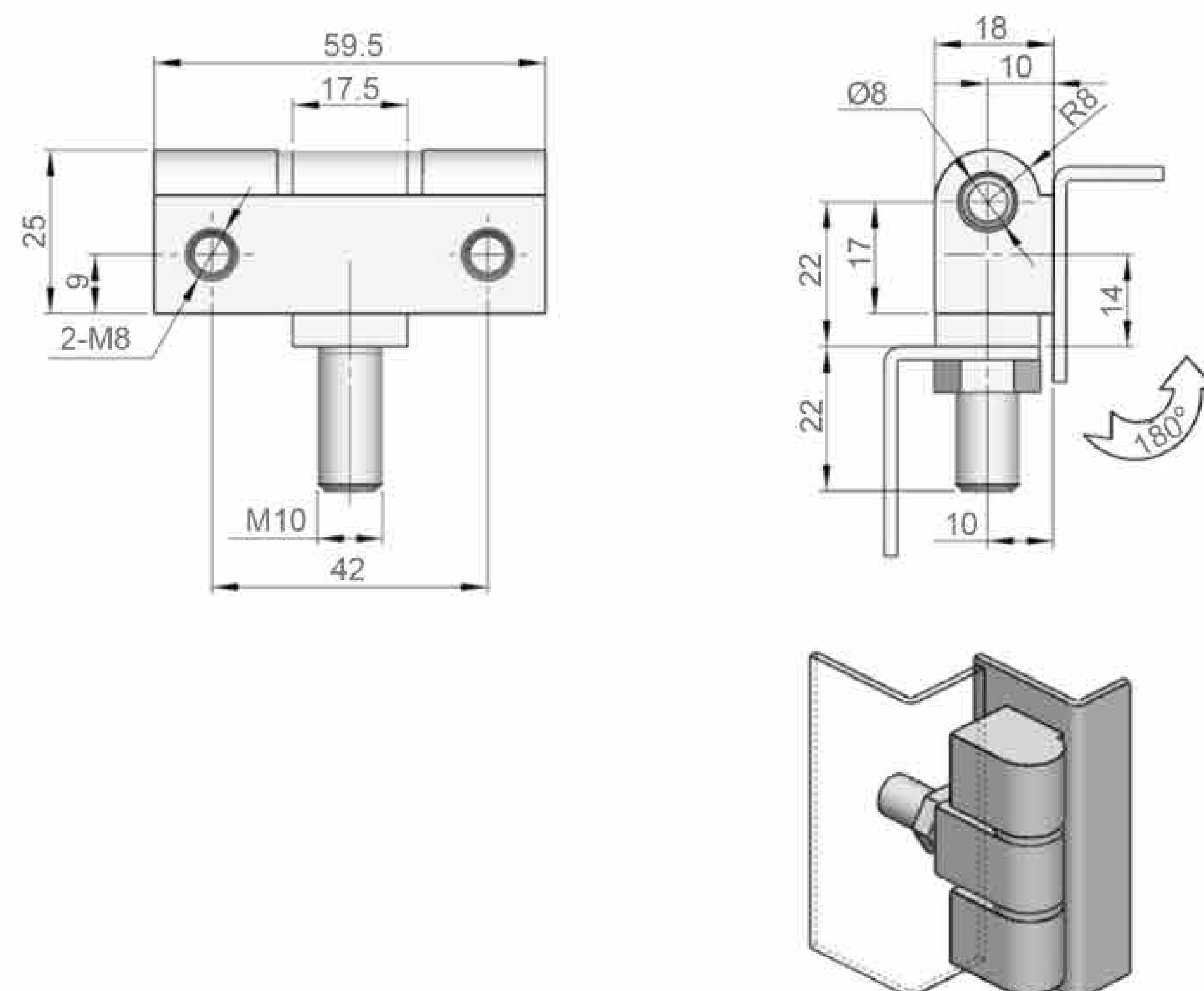
Performance parameter:

Maximum static load

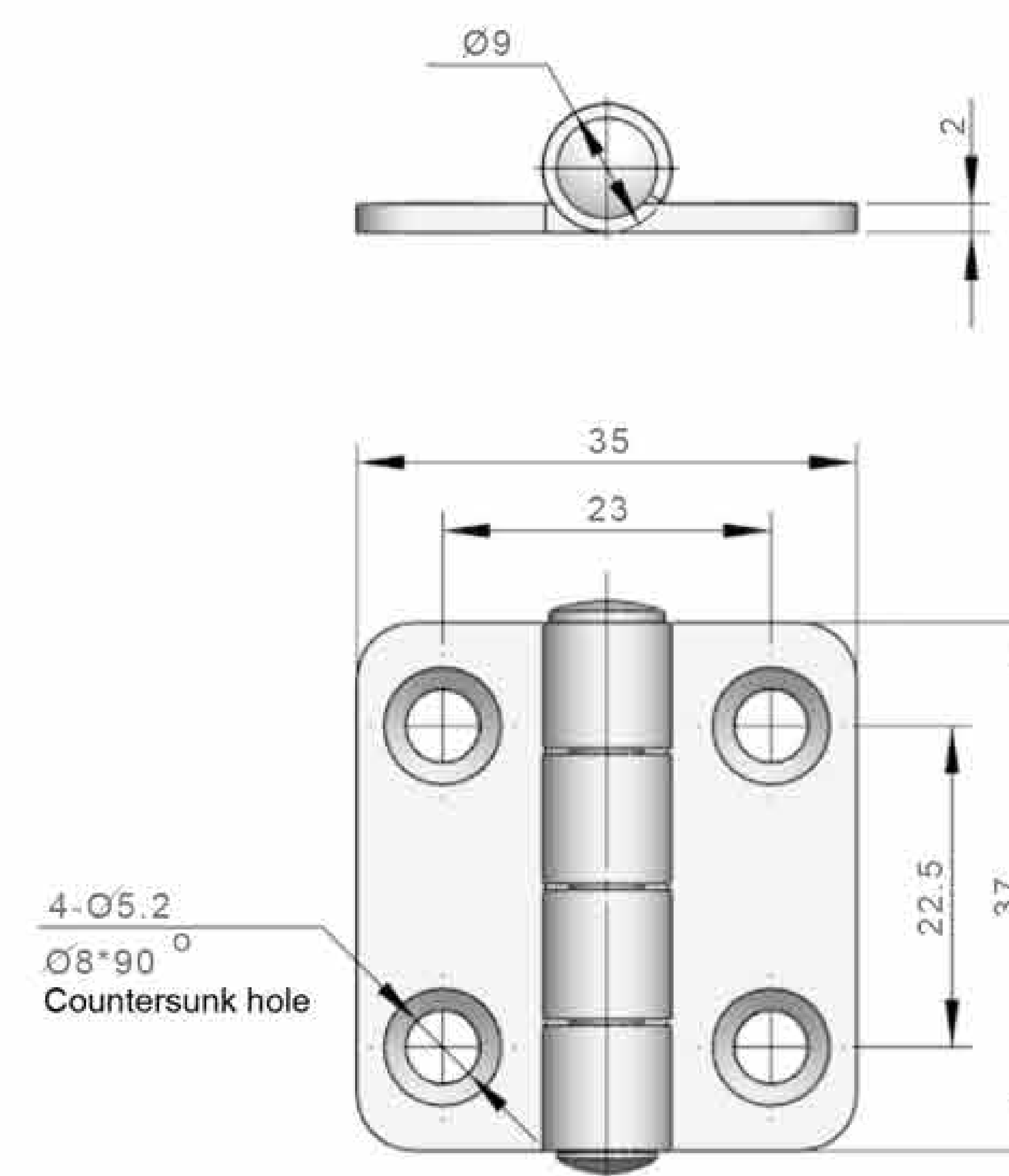
Radial load: 2000N

Axial load: 1520N

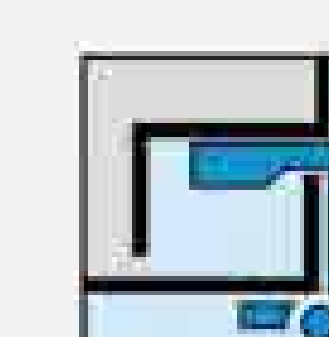
Embedded screw recommended tightening torque : 50N.m



Chrome plated	Black powder coated	Stainless steel 304	Specification									
			L1	L2	L3	L4	H1	H2	H3	D	M	
MH200-3003-1C	MH200-3003-1B	MH200-3003-1S	40	40	25	25	5	9	/	5.3	/	
MH200-3003-1AC	MH200-3003-1AB	MH200-3003-1AS	40	40	25	25	5	9	12.5	/	5	
MH200-3003-2C	MH200-3003-2B	MH200-3003-2S	50	50	30	30	6	11.5	/	6.3	/	
MH200-3003-2AC	MH200-3003-2AB	MH200-3003-2AS	50	50	30	30	6	11.5	14.5	/	6	
MH200-3003-3C	MH200-3003-3B	MH200-3003-3S	60	60	36	36	8	15	/	8.4	/	
MH200-3003-3AC	MH200-3003-3AB	MH200-3003-3AS	60	60	36	36	8	15	14.5	/	8	
MH200-3003-4C	MH200-3003-4B	MH200-3003-4S	90	60	63	36	8	15	/	8.4	/	
MH200-3003-4AC	MH200-3003-4AB	MH200-3003-4AS	90	60	63	36	8	15	14	/	8	
MH200-3003-5AC	MH200-3003-5AB	MH200-3003-5AS	90	60	64	36	8	15	14.5	/	8	
MH200-3003-6C	MH200-3003-6B	MH200-3003-6S	120	60	90	36	8	15	/	8.4	/	
MH200-3003-6AC	MH200-3003-6AB	MH200-3003-6AS	120	60	90	36	8	15	14	/	8	



MH200-3003



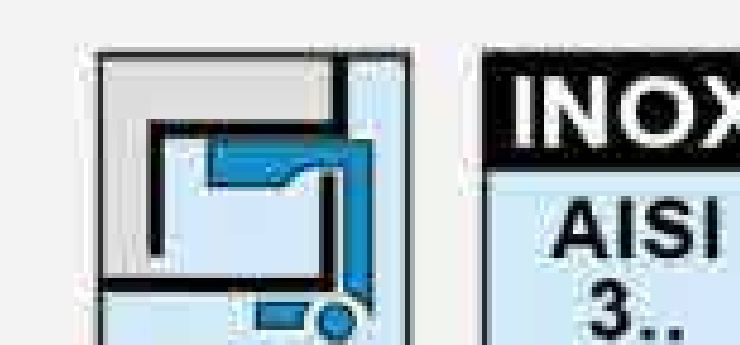
Main material and finish: Black powder coated ZDC hinge, nickel-plated steel pin

Application: Opening angle 180°

Performance parameter:

Embedded screw recommended tightening torque : 10N.m

MH200-3004



Main material and finish: Mirror polishing stainless steel hinge

Application: Opening angle 180°

Performance parameter:

Maximum static load

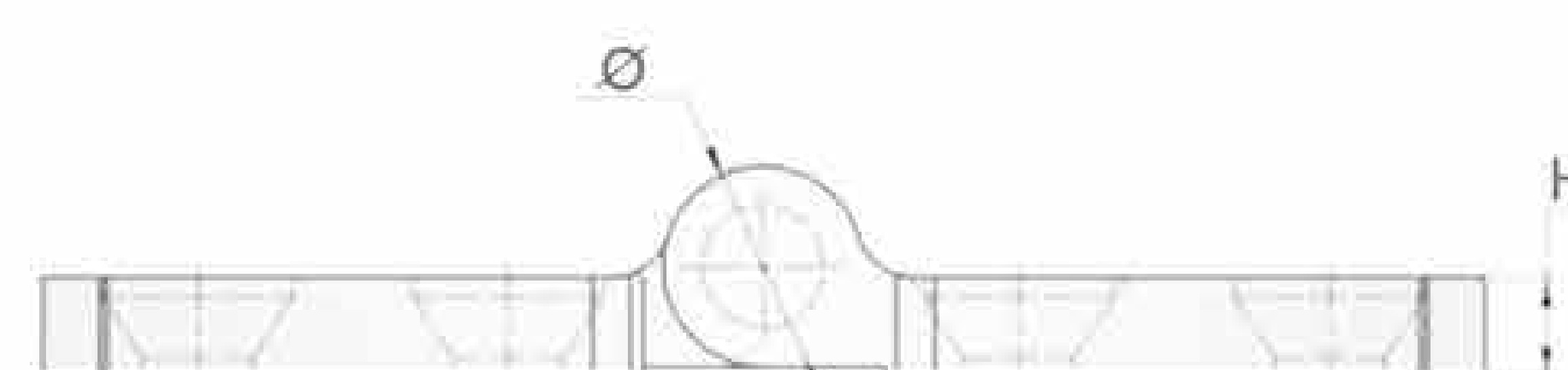
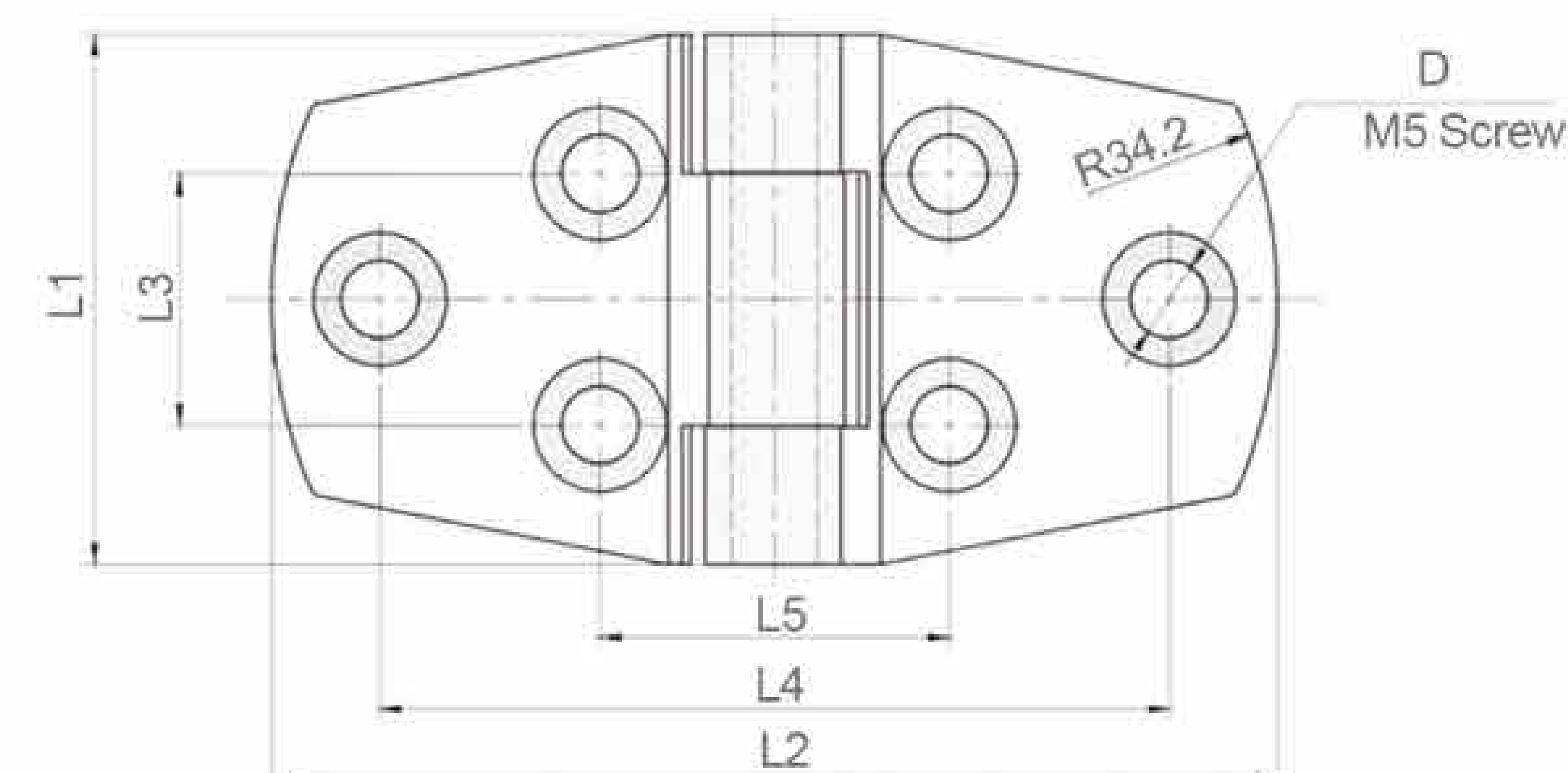
Radial load: 745N

Axial load: 1090N

MH200-3007



Main material and finish: Mirror polishing stainless steel hinge
Application: Opening angle 180°

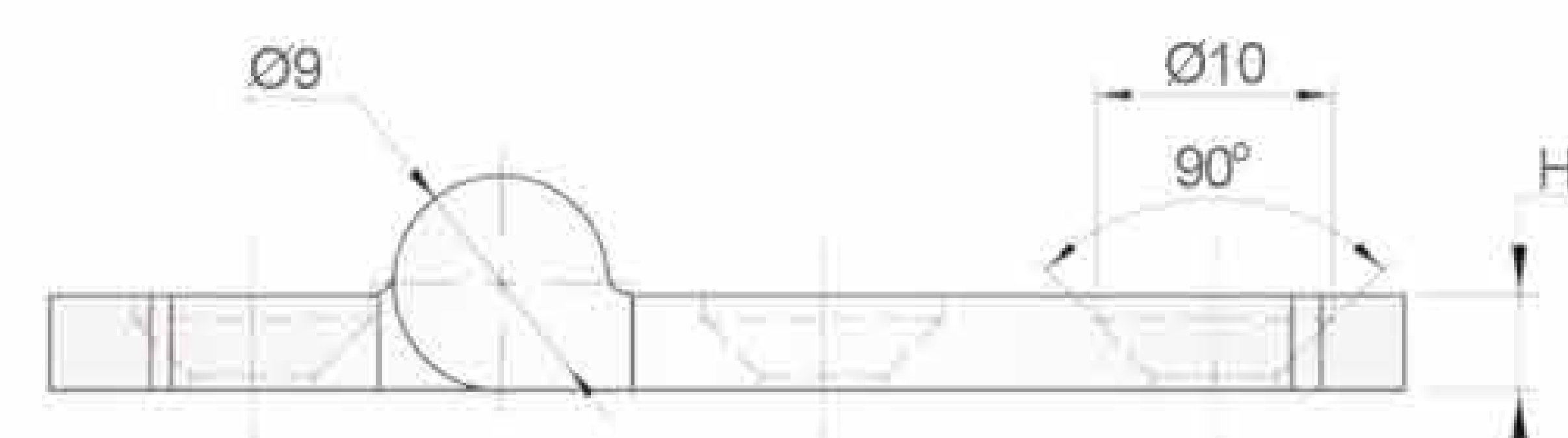
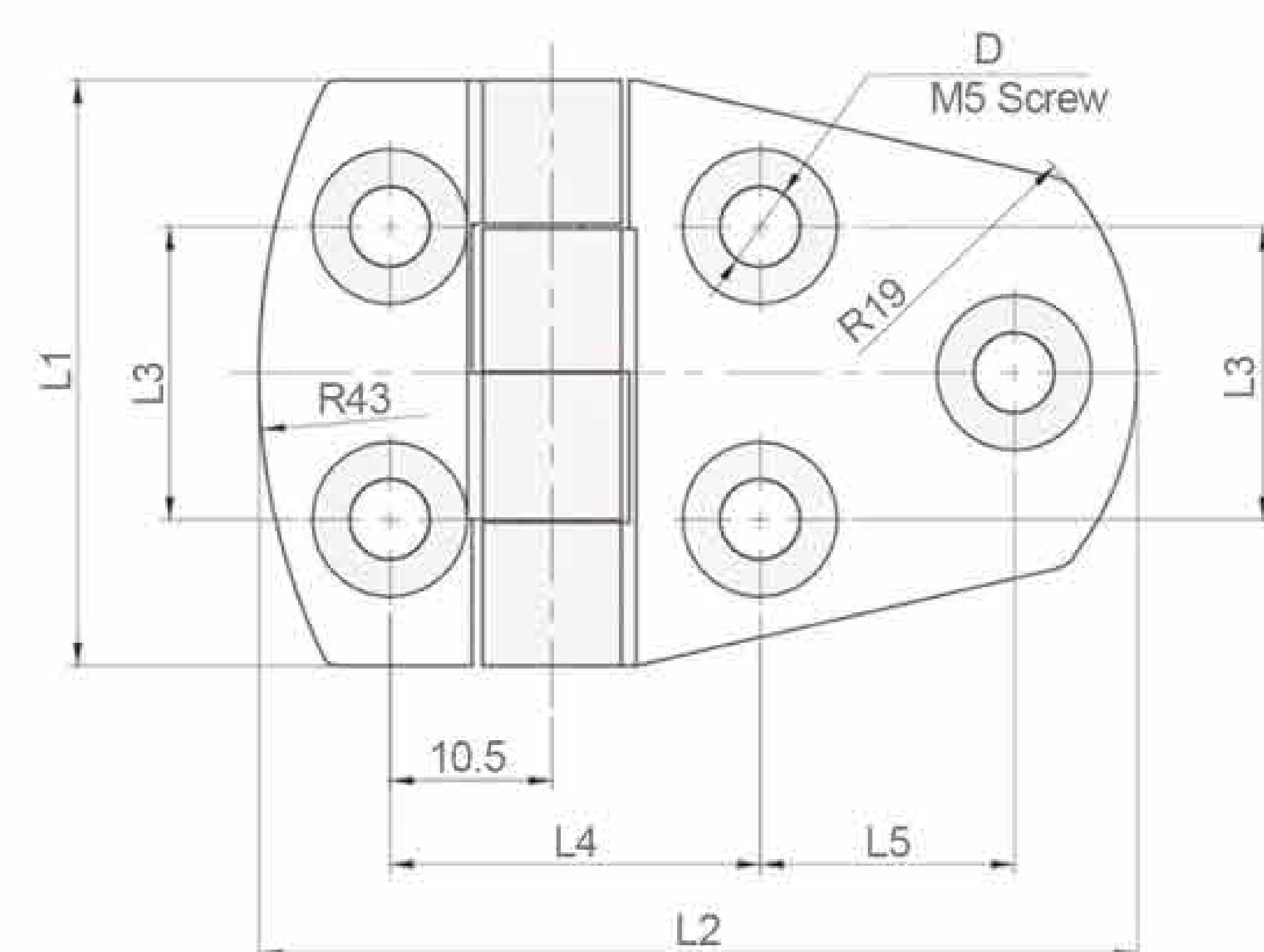


Mirror polished Stainless steel 316	Specification							
	L1	L2	L3	L4	L5	H	D	Φ
MH200-3007-1S	38	76	20	61	26	4.5	5.5	10
MH200-3007-2S	38	102	20	87	25	4.5	5.5	10

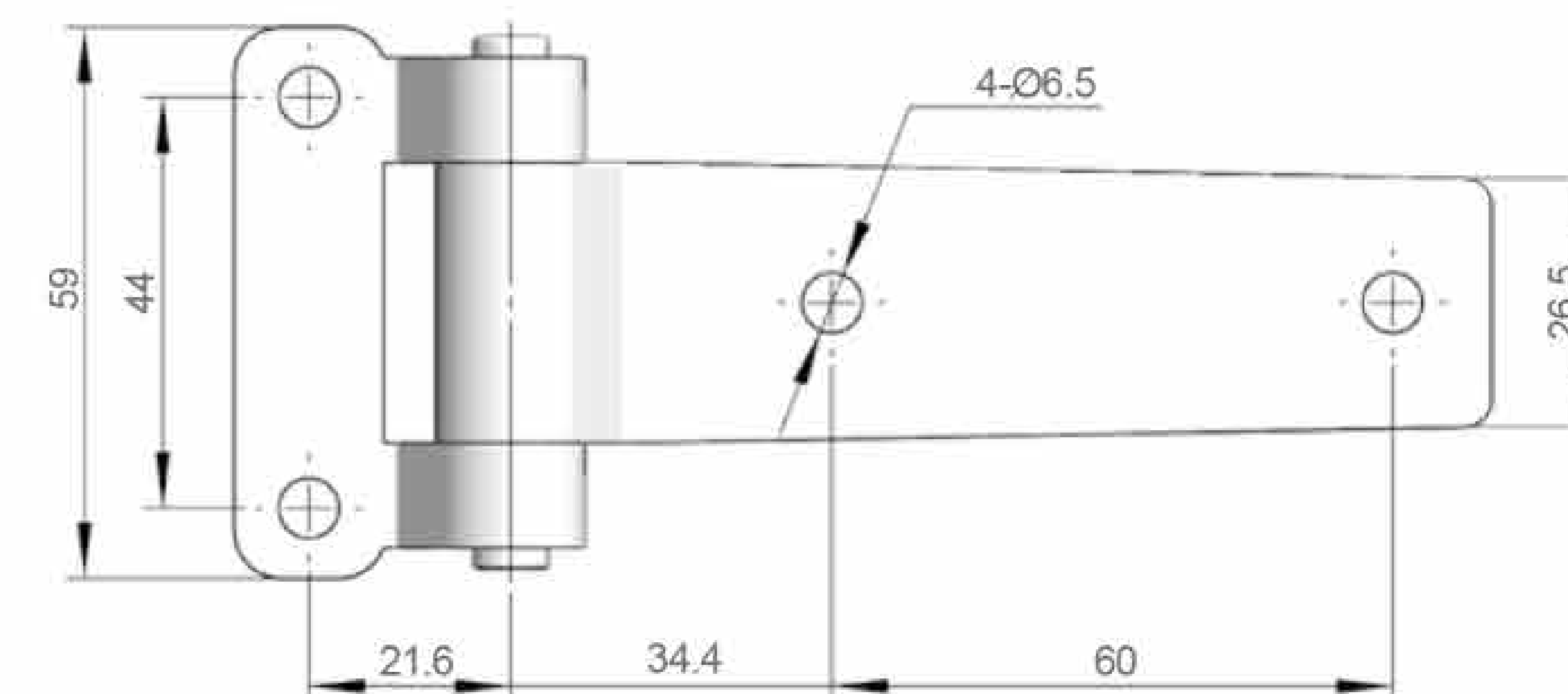
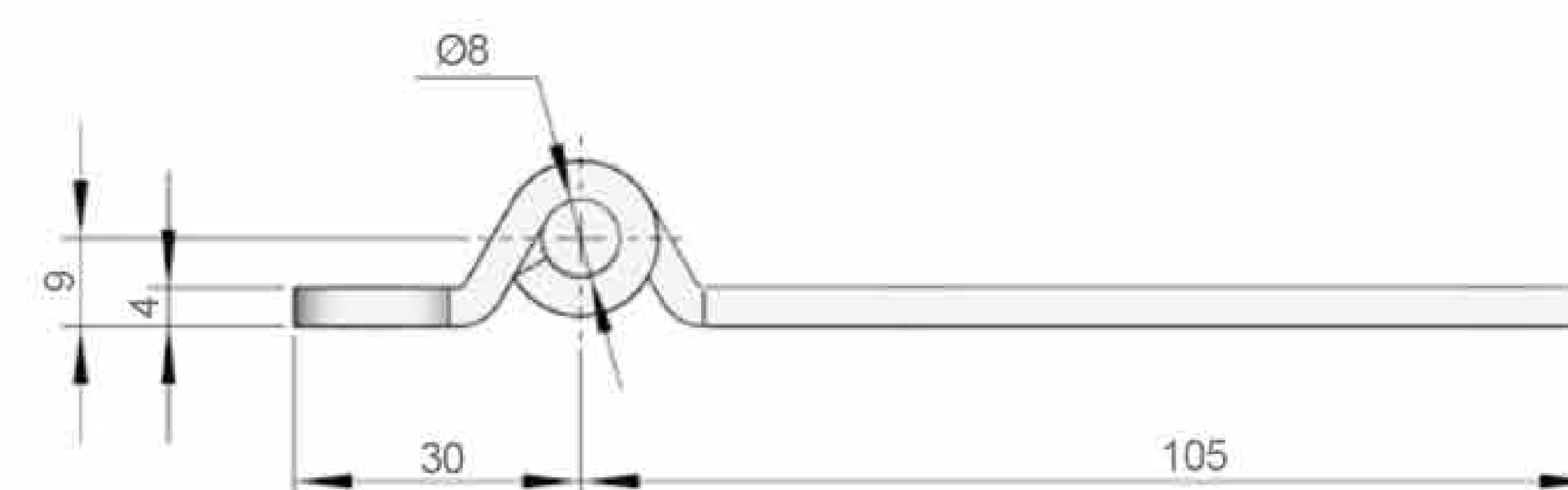
MH200-3008



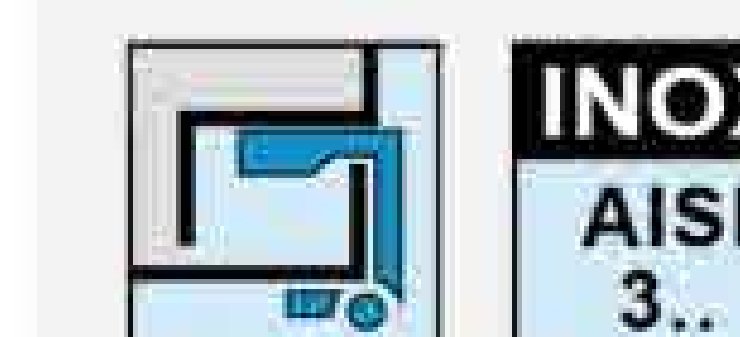
Main material and finish: Mirror polishing stainless steel hinge
Application: Opening angle 180°



Mirror polished Stainless steel 316	Specification							
	L1	L2	L3	L4	L5	H	D	Φ
MH200-3008-1S	38	57	20	25.5	17.5	4.5	5.3	9
MH200-3008-2S	38	70	20	25.5	31	4.5	5.3	9

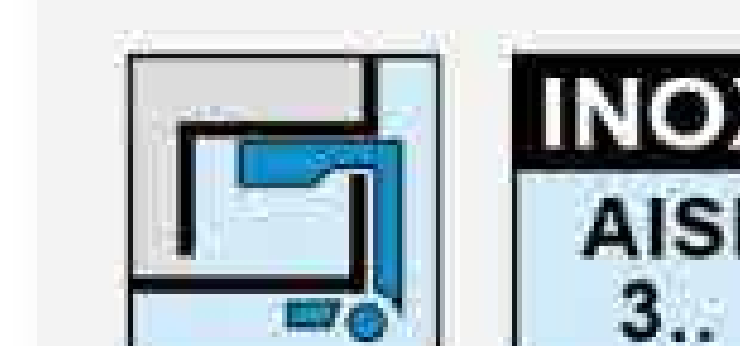


MH200-3009

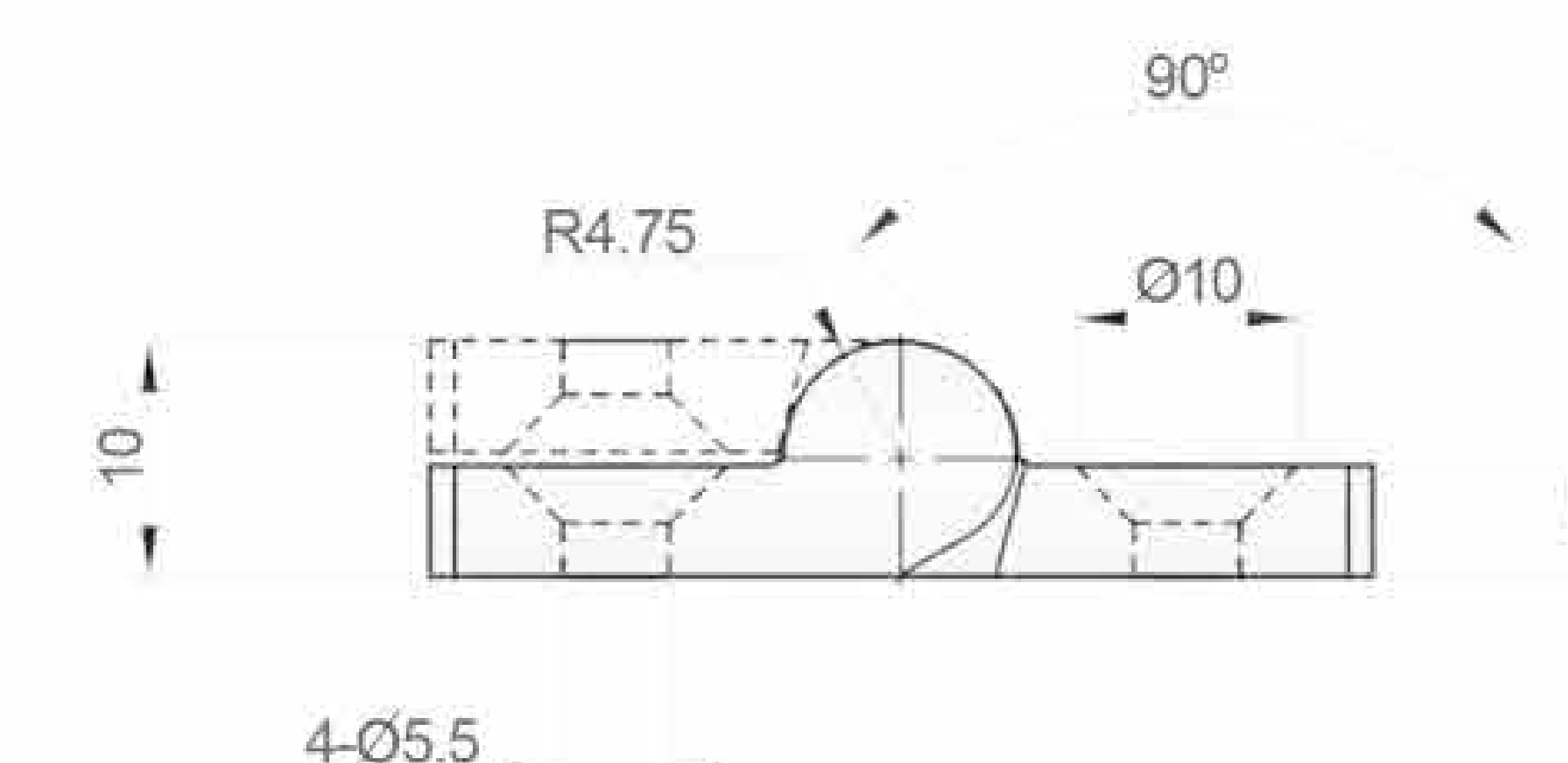
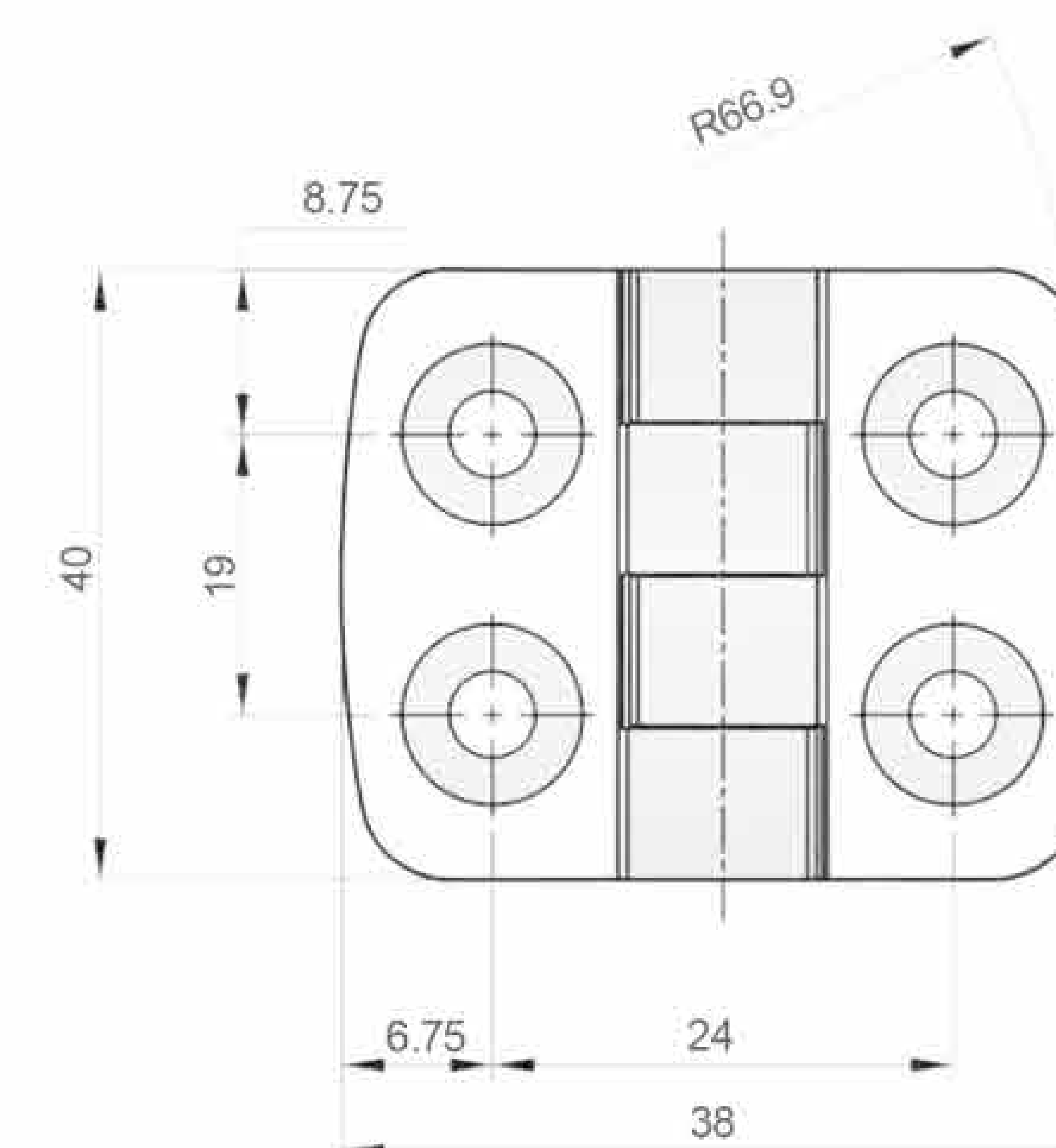


Main material and finish: Mirror polishing stainless steel hinge
Application: Opening angle 180°

MH200-3010



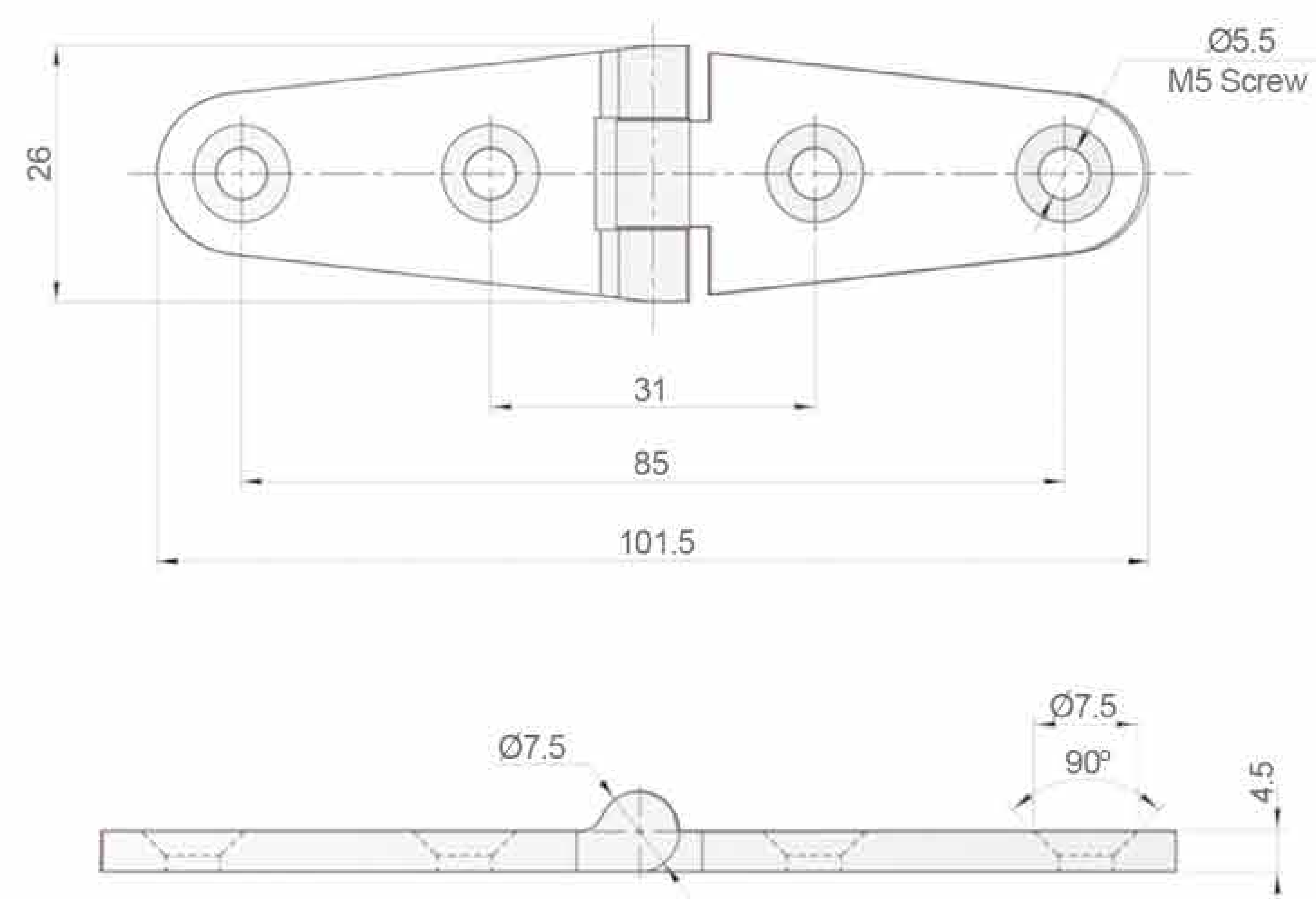
Main material and finish: Mirror polishing stainless steel hinge
Application: Opening angle 180°



MH200-3011



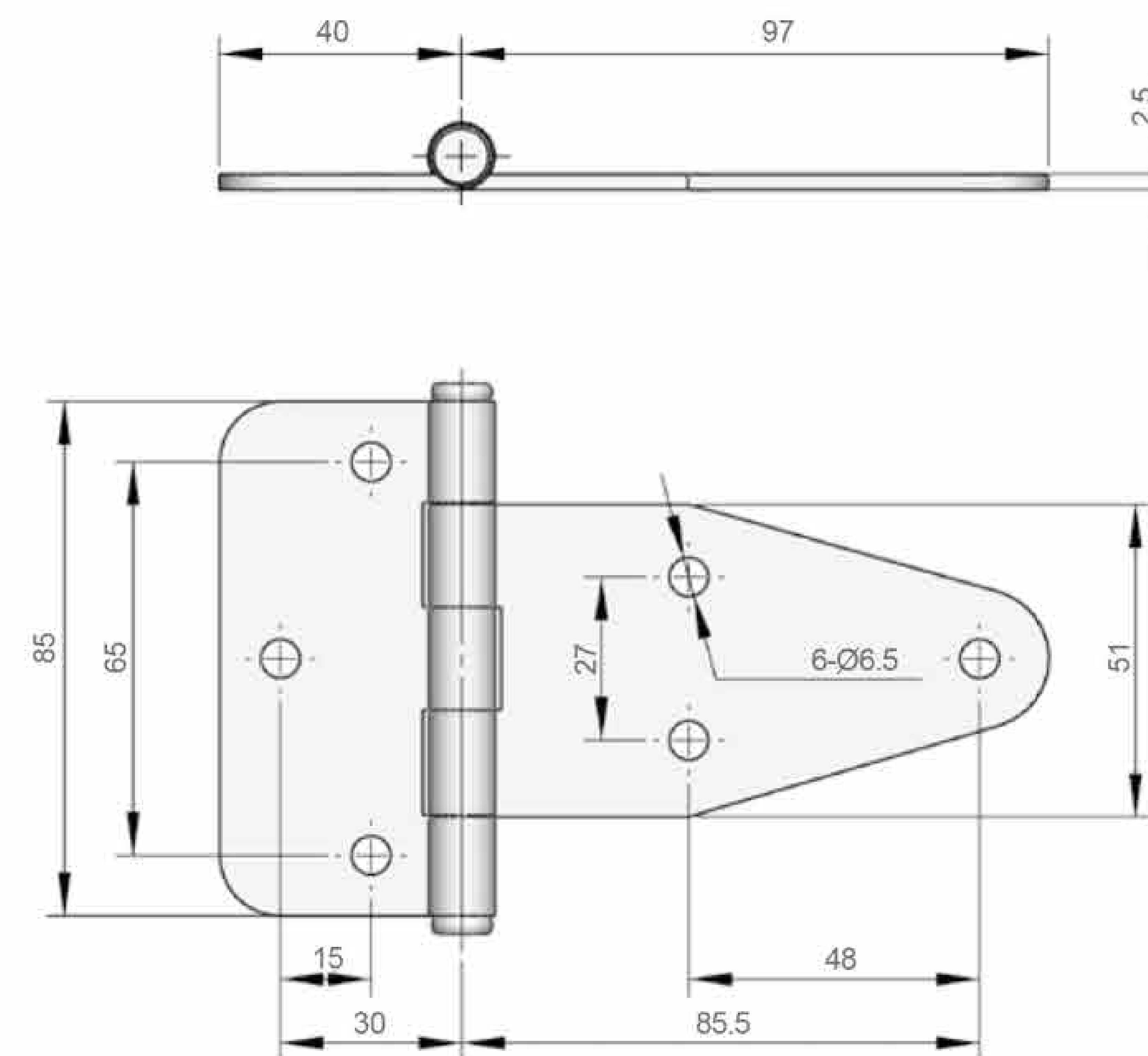
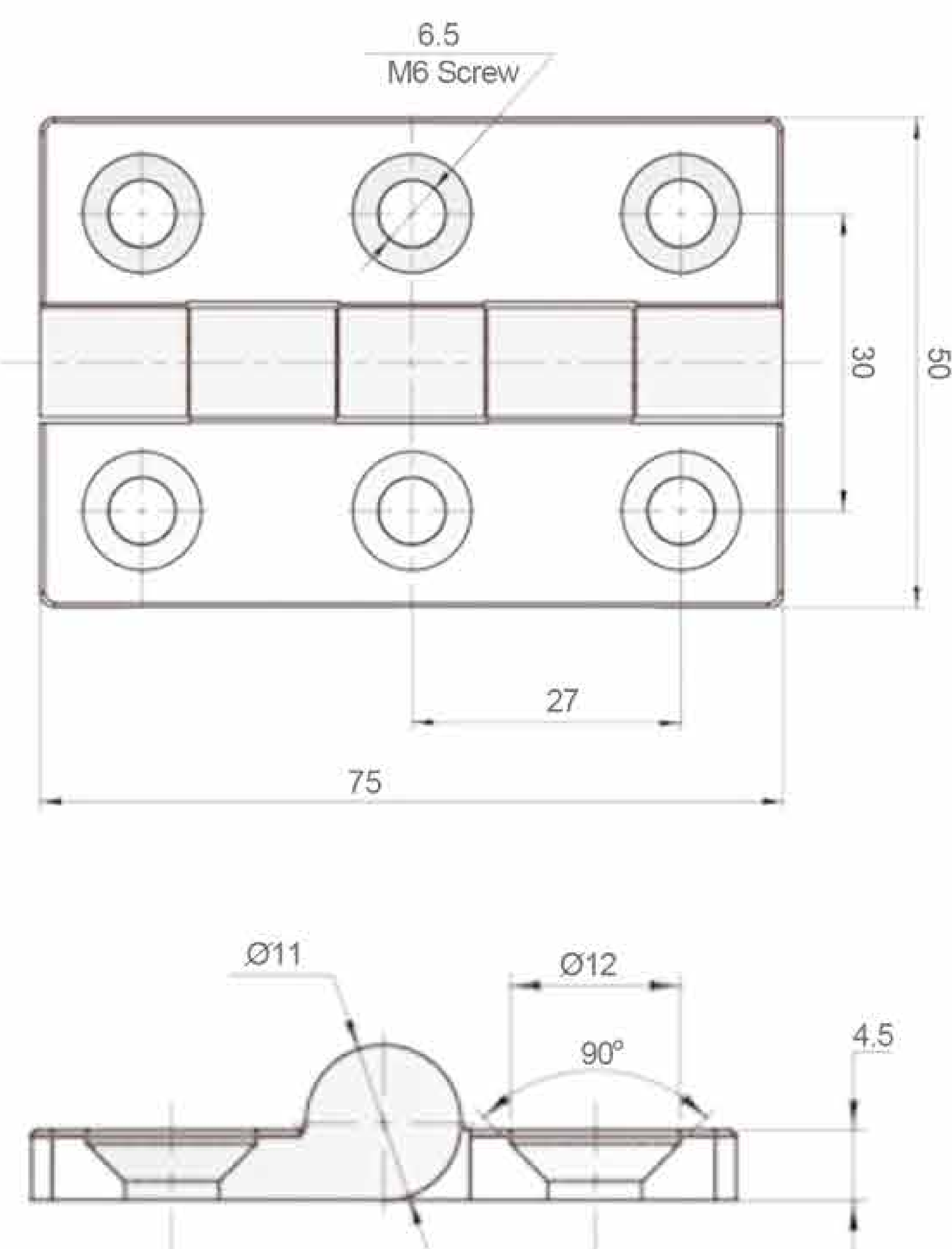
Main material and finish: Mirror polishing stainless steel hinge
Application: Opening angle 180°



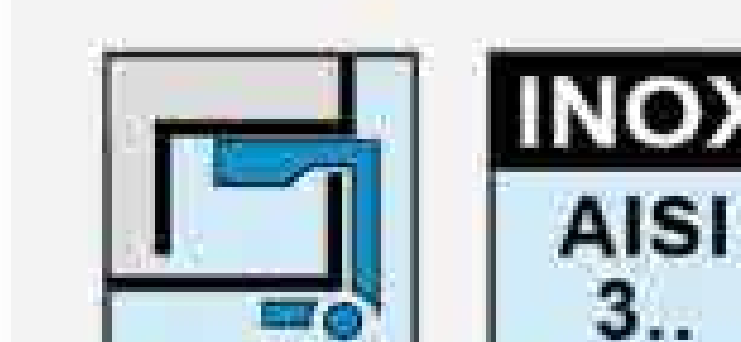
MH200-3012



Main material and finish: Mirror polishing stainless steel hinge
Application: Opening angle 180°



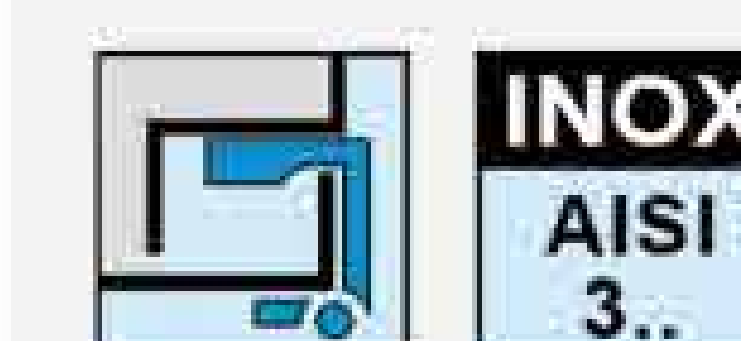
MH200-3013



Main material and finish: Mirror polishing stainless steel hinge
Application: Opening angle 180°

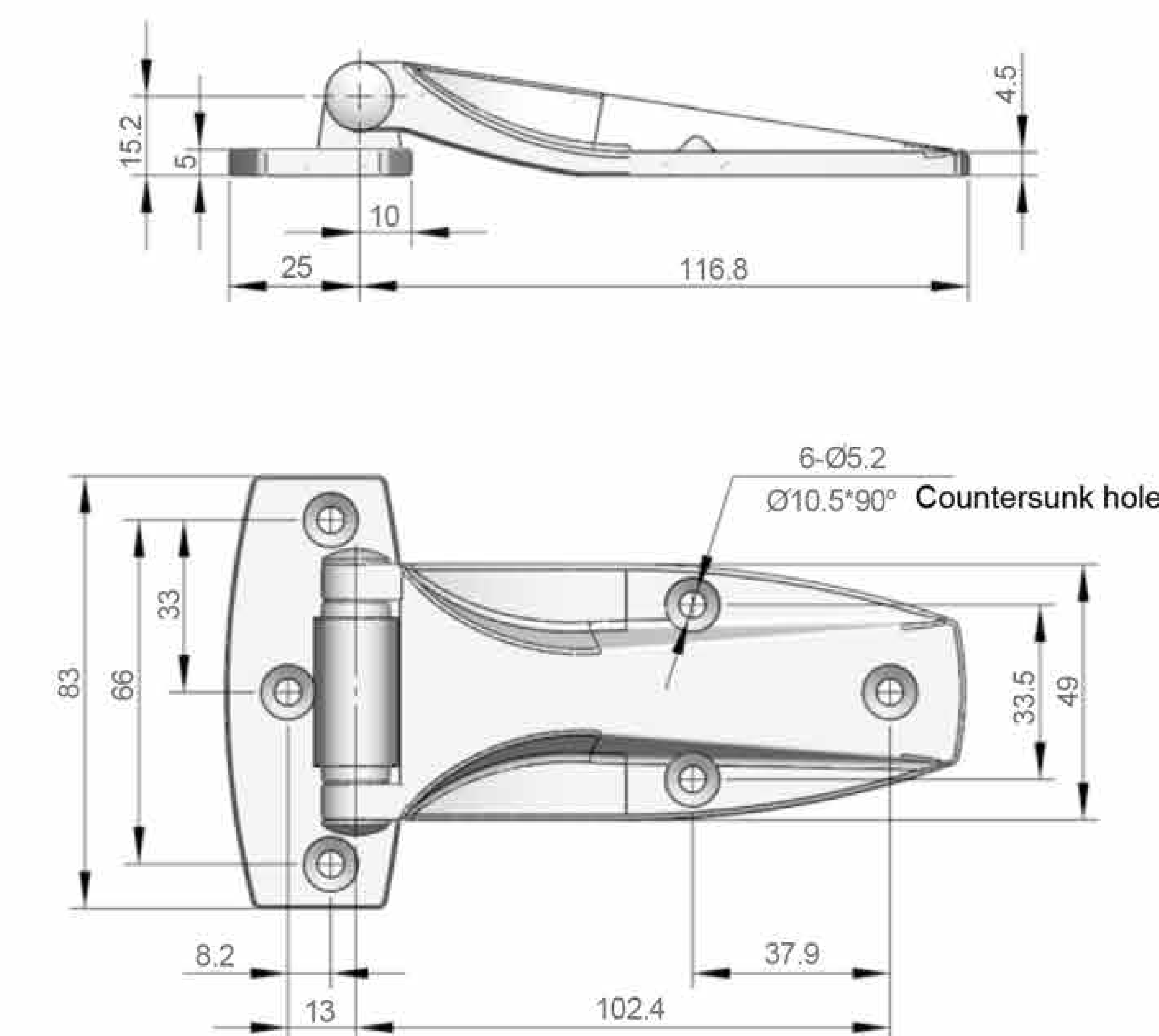
Performance parameter:
Maximum static load
Radial load: 530N
Axial load: 800N

MH200-3014



Main material and finish: Mirror polishing stainless steel hinge
Application: Opening angle 135°

Performance parameter:
Maximum static load
Radial load: 2170N
Axial load: 3000N

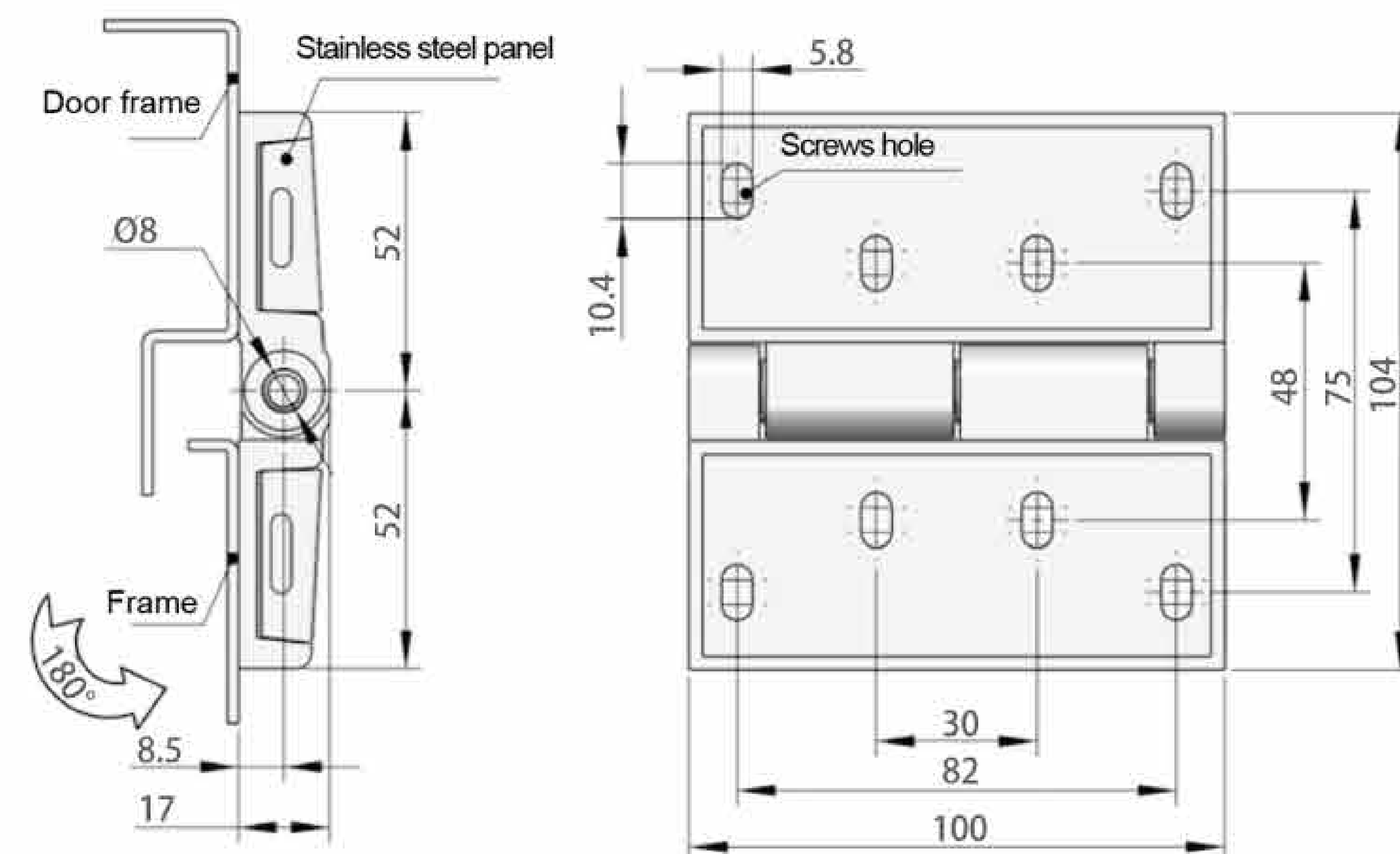


MH200-3015

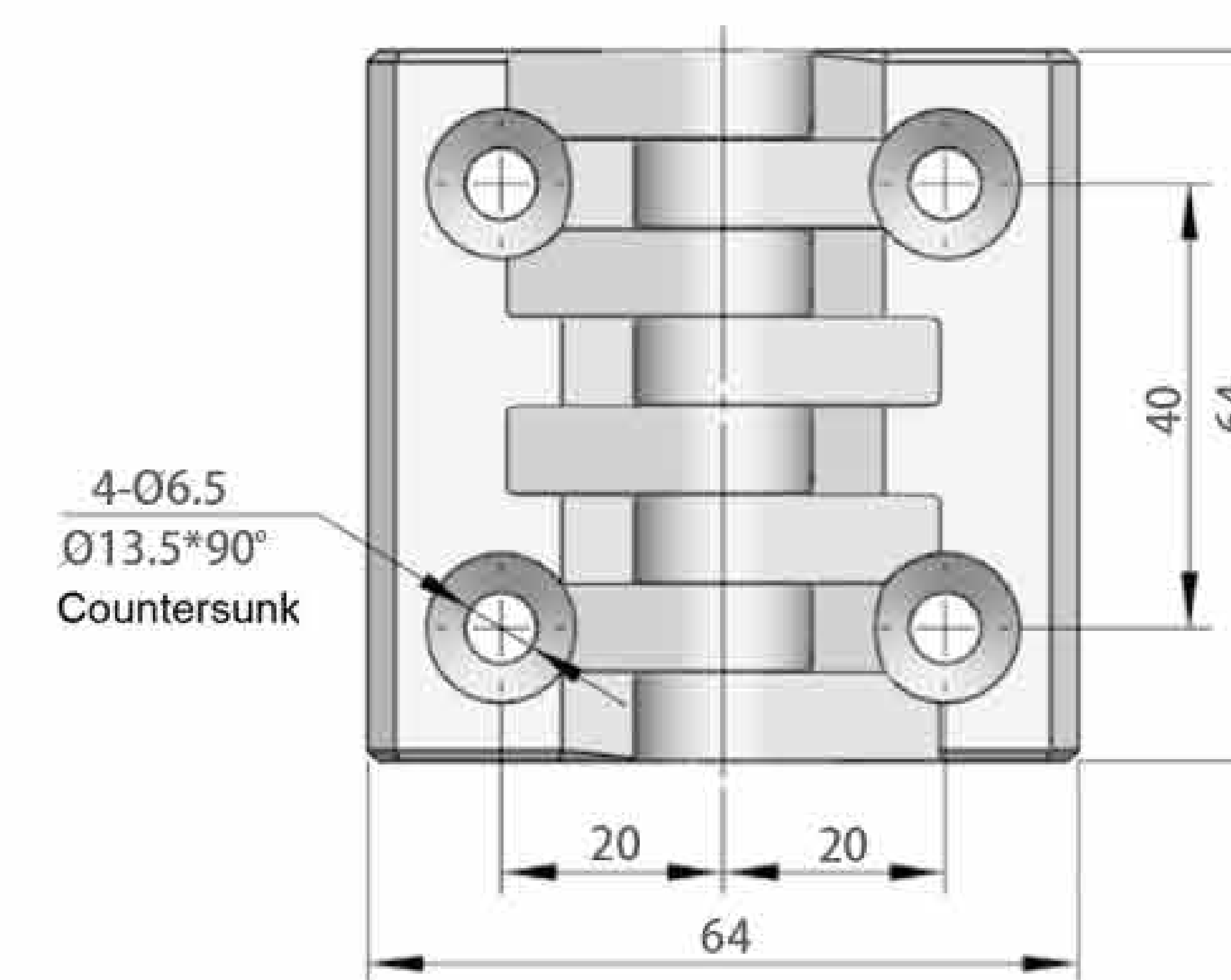
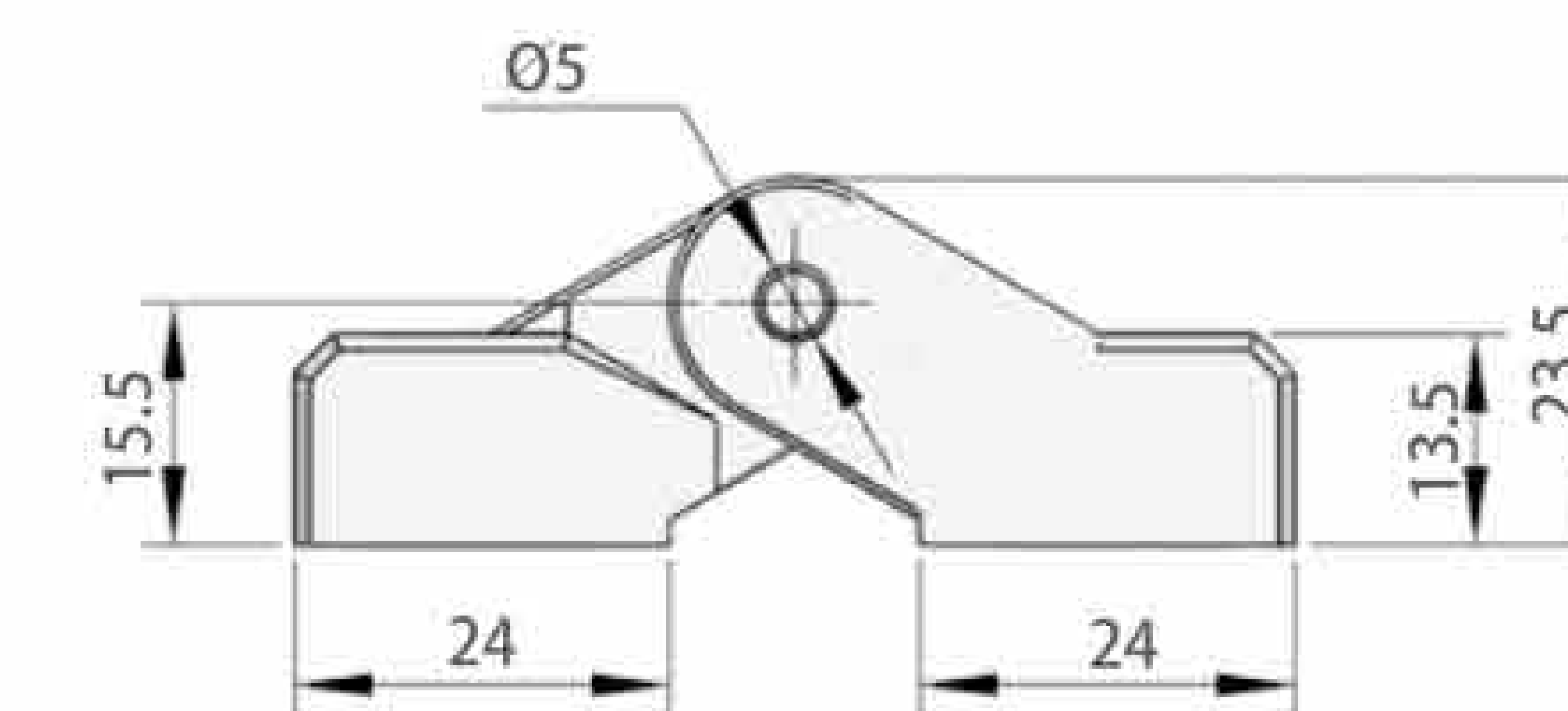


Main material and finish: Sand-spraying and bright chrome-plated ZDC hinge, stainless shaft pin and cover
Application: Opening angle 180°

Performance parameter:
Maximum static load
Radial load: 1200N
Axial load: 910N



Remark: Disassembling panel when installing hinge by screw

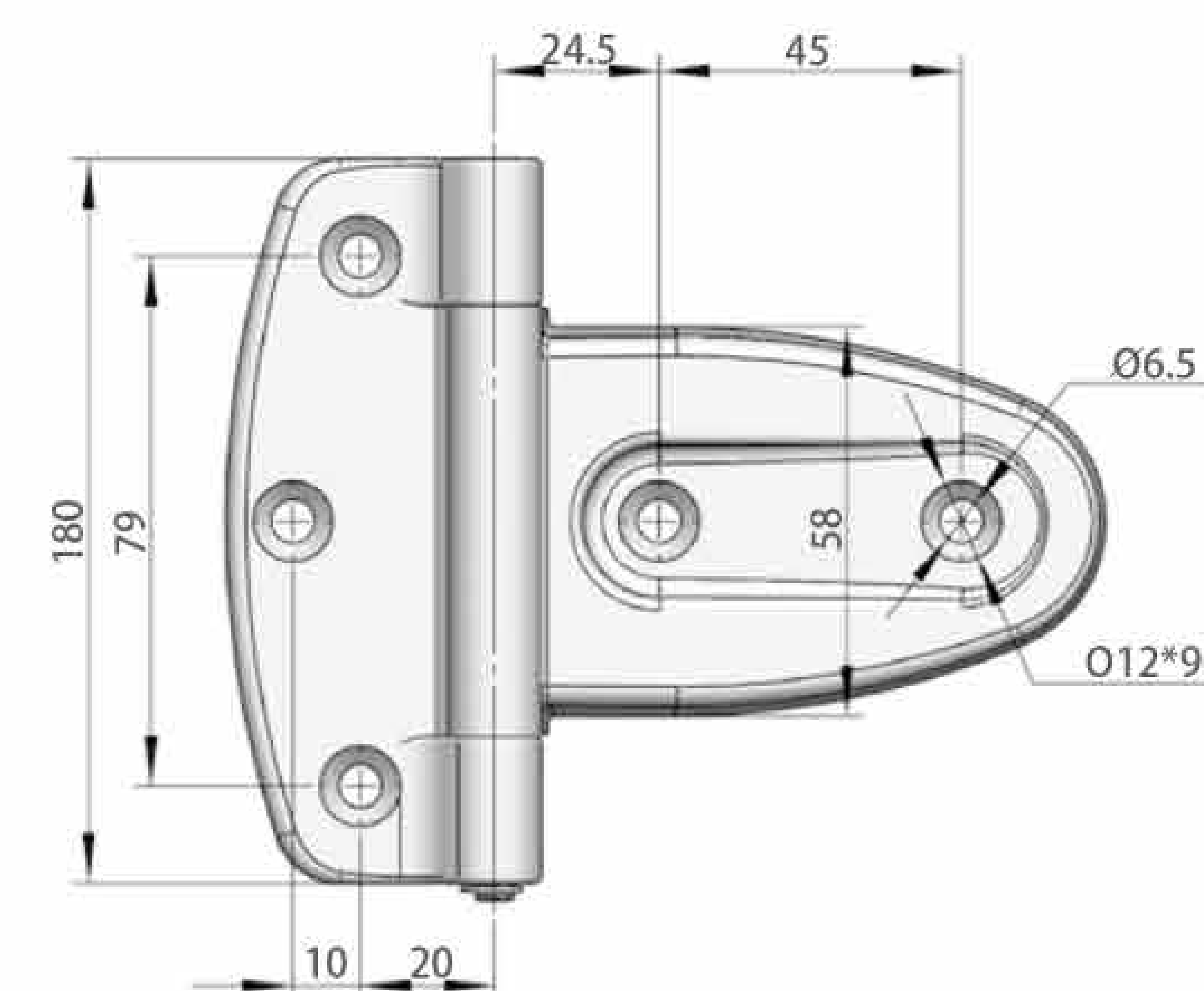
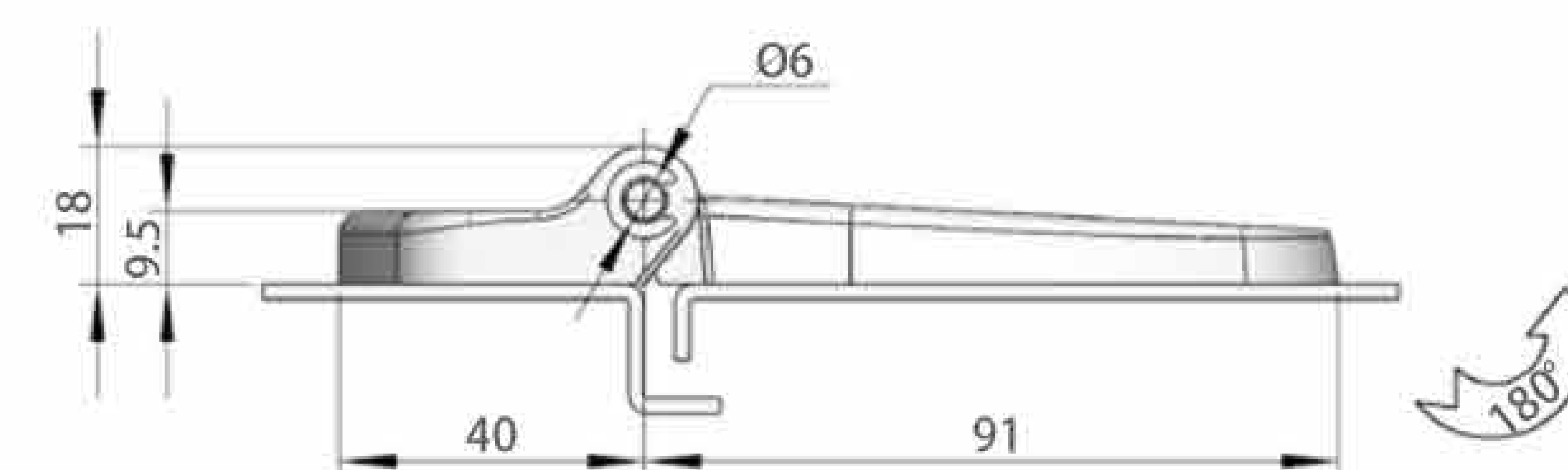
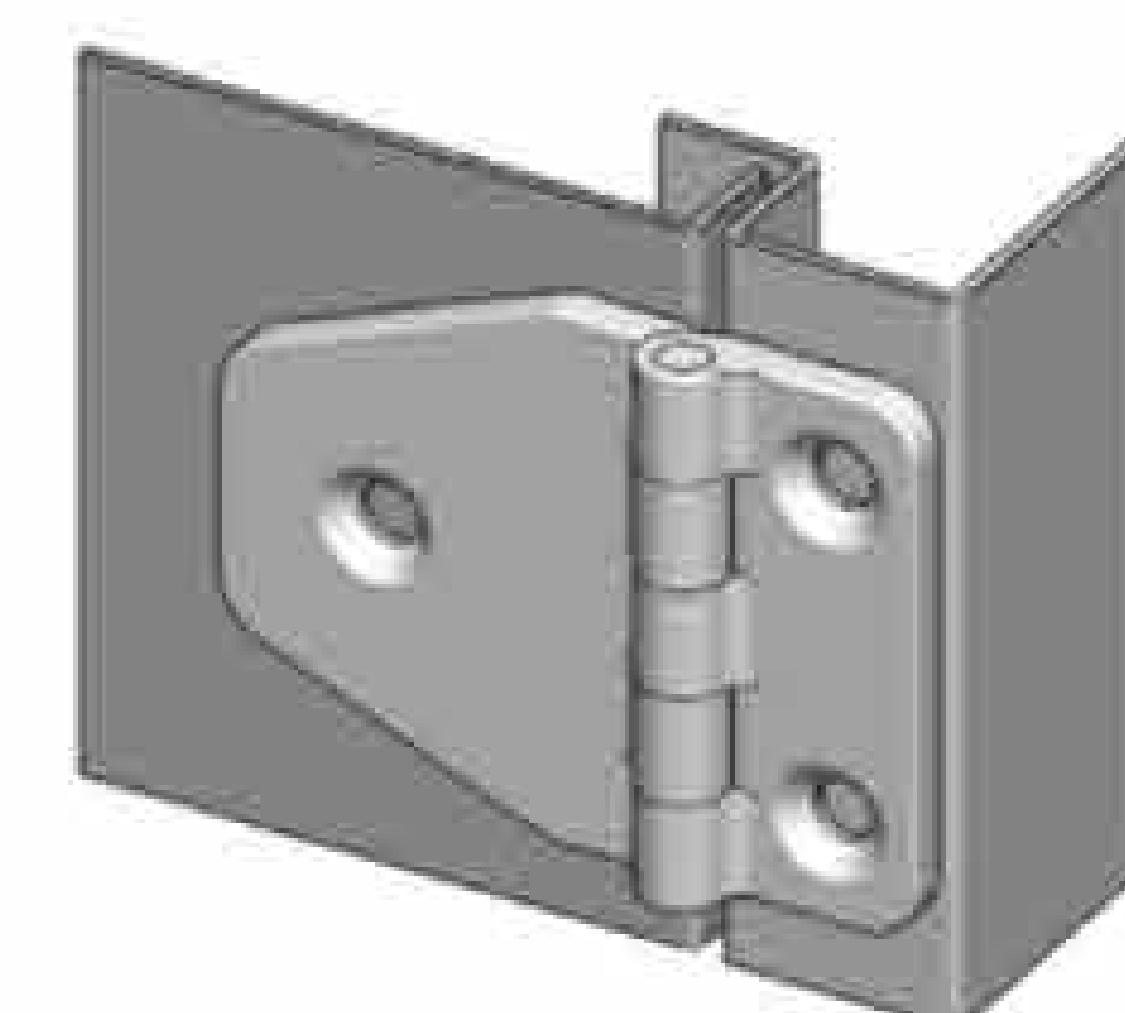
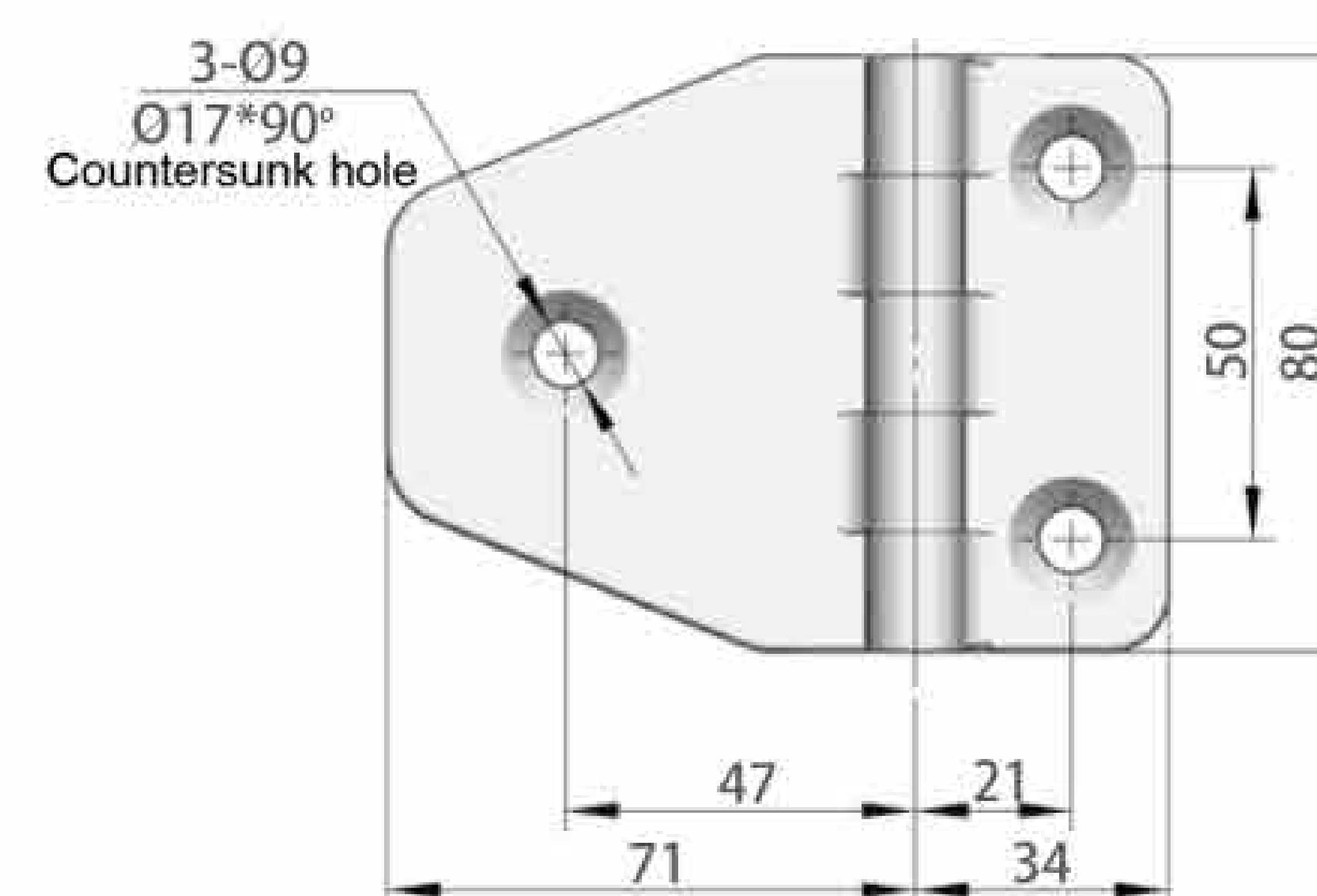
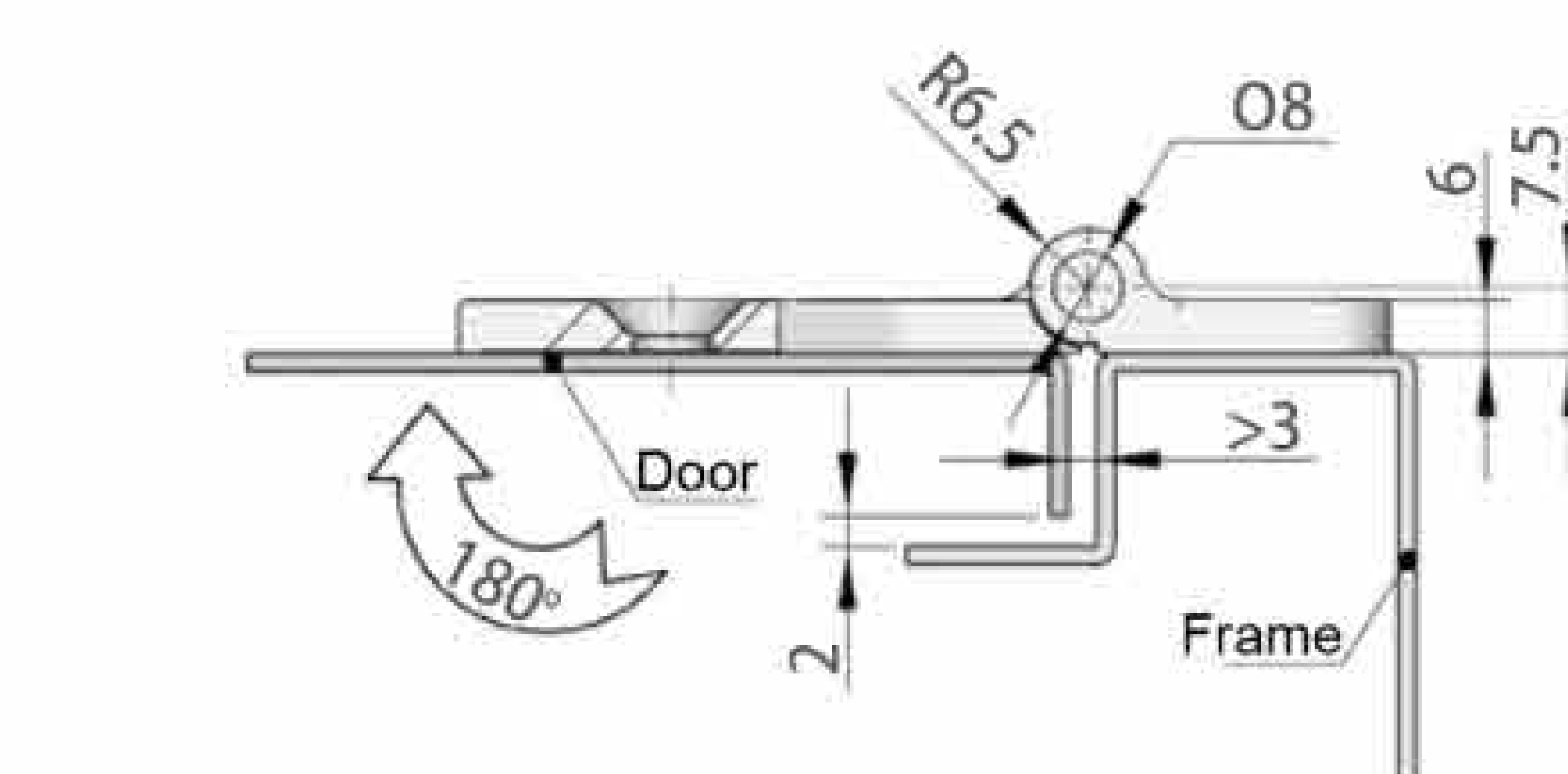


MH200-3016



Main material and finish: White zinc-plated steel shaft, PA (black) hinge leaf
Application: Opening angle 180°

Performance parameter:
Maximum static load
Radial load: 220N
Axial load: 450N



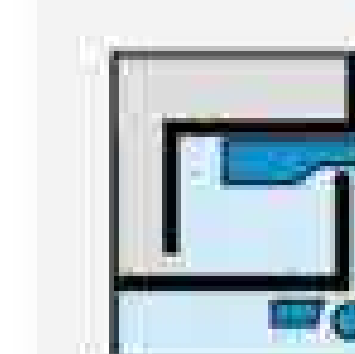
MH200-3017



Main material and finish: Black PA hinge, white zinc plated steel pin
Application: Opening angle 180°

Performance parameter:
Maximum static load
Radial load: 1180N
Axial load: 1515N

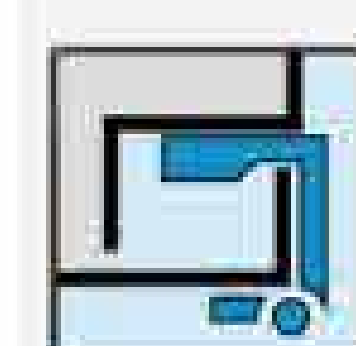
MH200-3018



Main material and finish: Black PA hinge, and nickel plated stainless steel pin
Application: Opening angle 180°

Performance parameter:
Maximum static load
Radial load: 800N
Axial load: 600N

MH200-4001-1



Main material and finish: Black PA hinge, steel screw, PC shaft

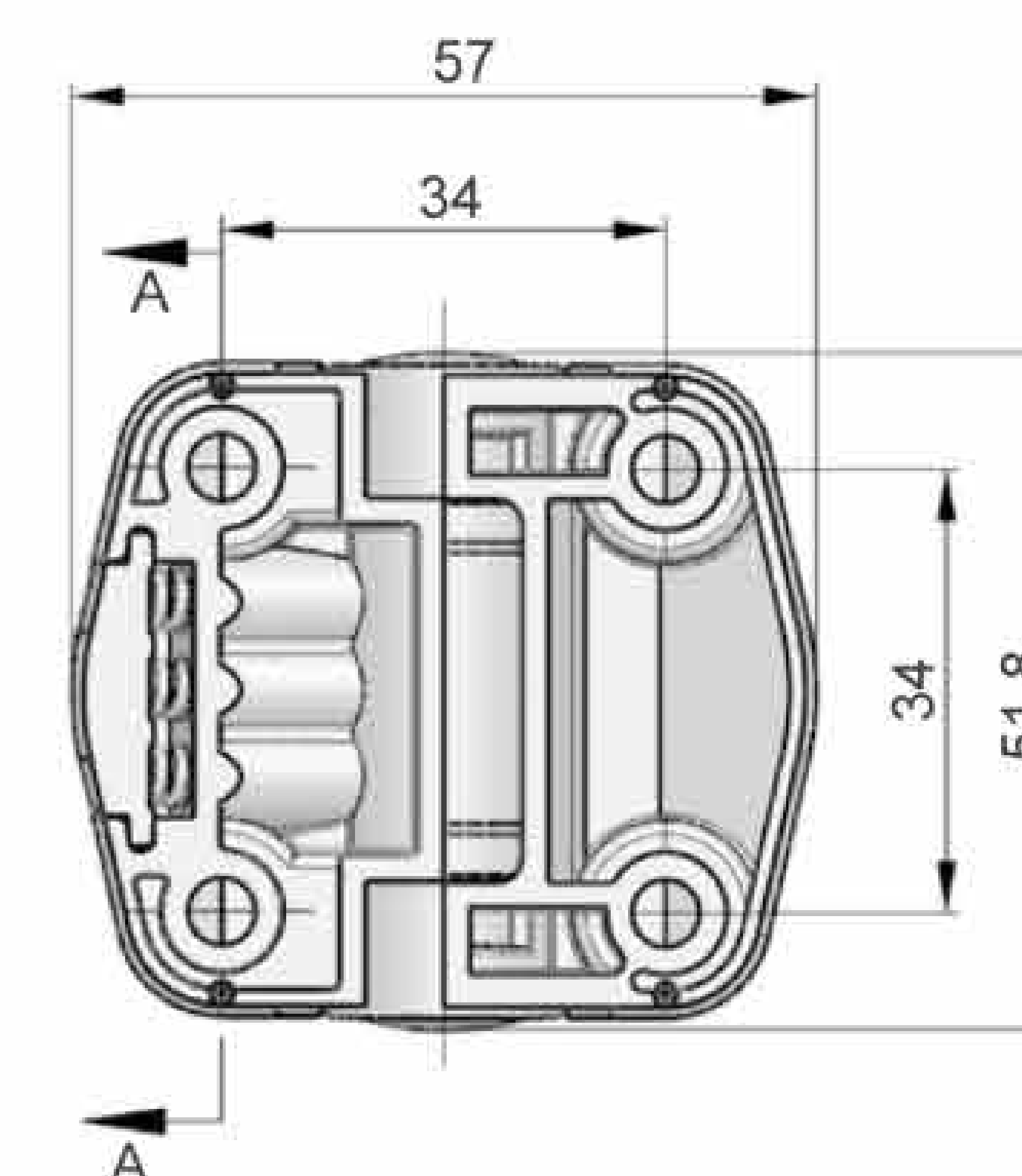
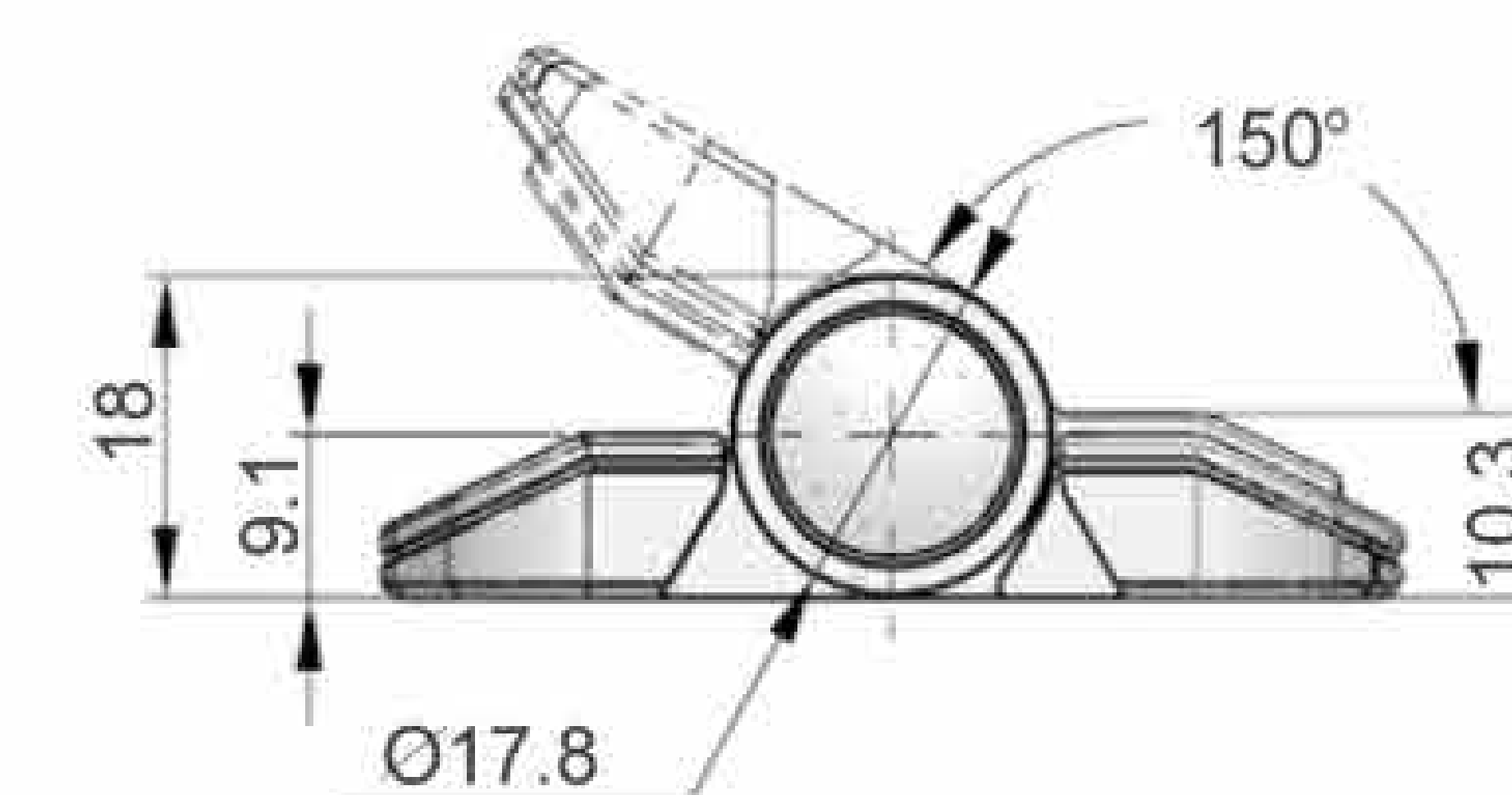
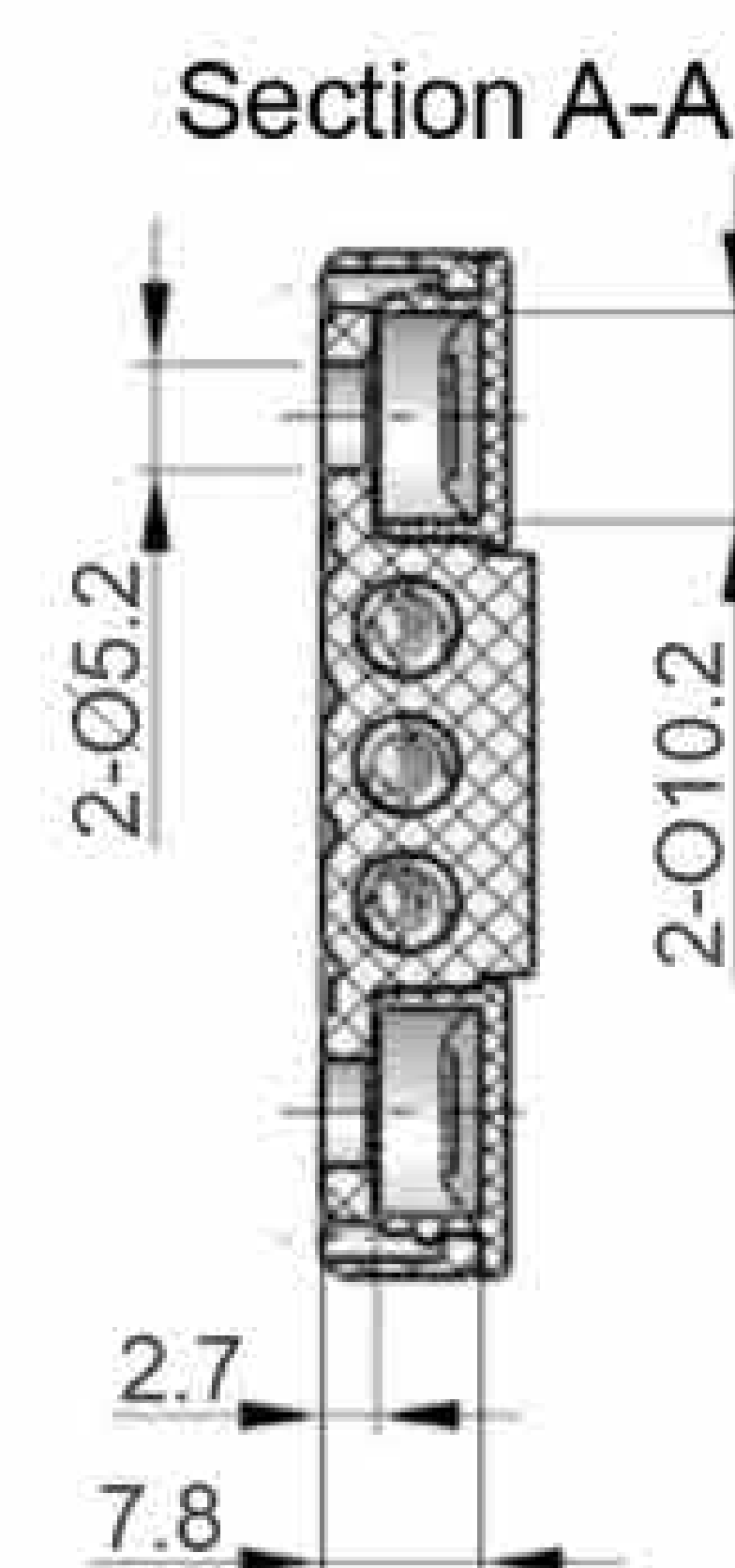
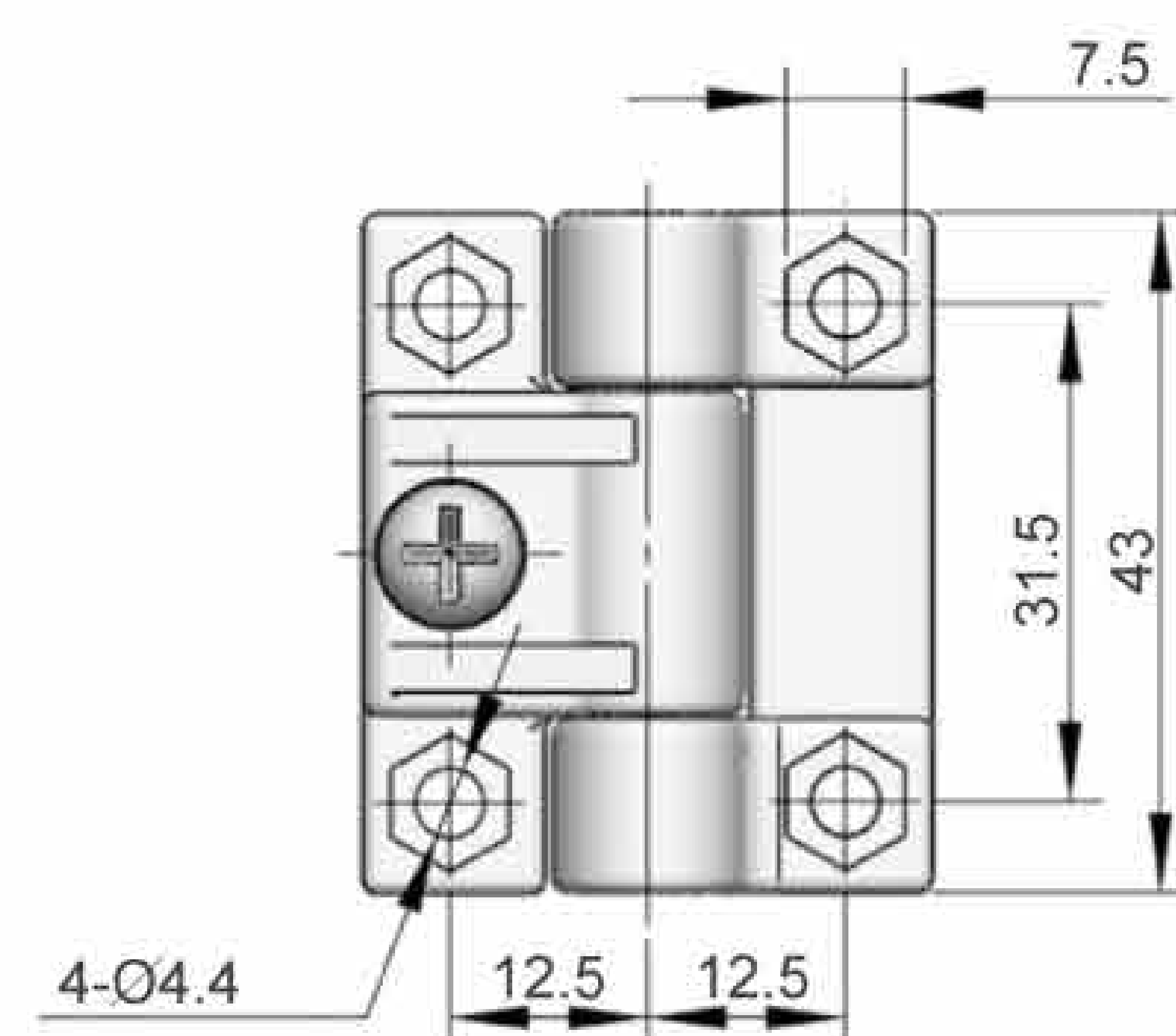
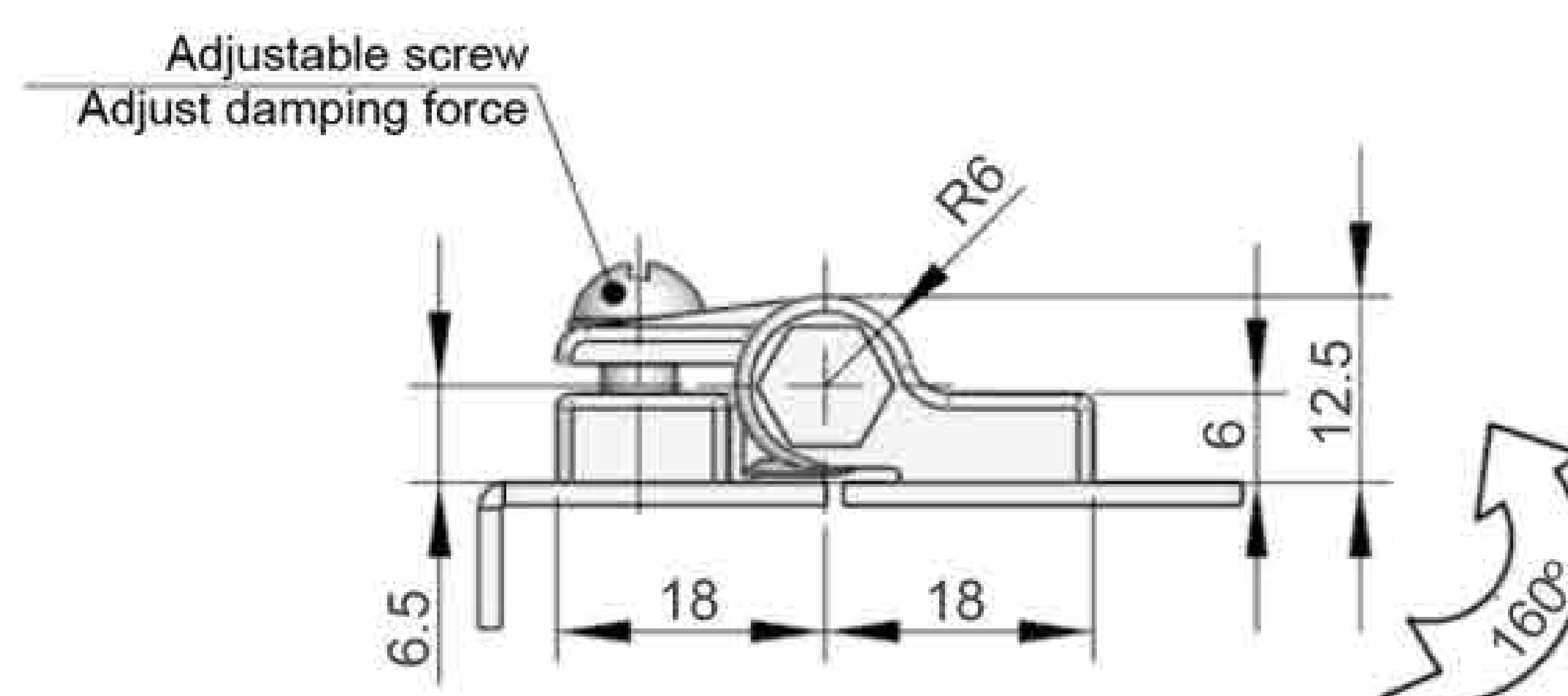
Application: Opening angle 160°

MH200-4001-2



Main material and finish: POM black male and female hinge transparent PC shaft, and Stainless steel adjustable screw and nut.

Application: Maximum rotating angle 165°



MH200-4002



Main material and finish: Black POM hinge and steel shaft

Application: Opening angle 150°

MH200-4003



Main material and finish: Black POM hinge

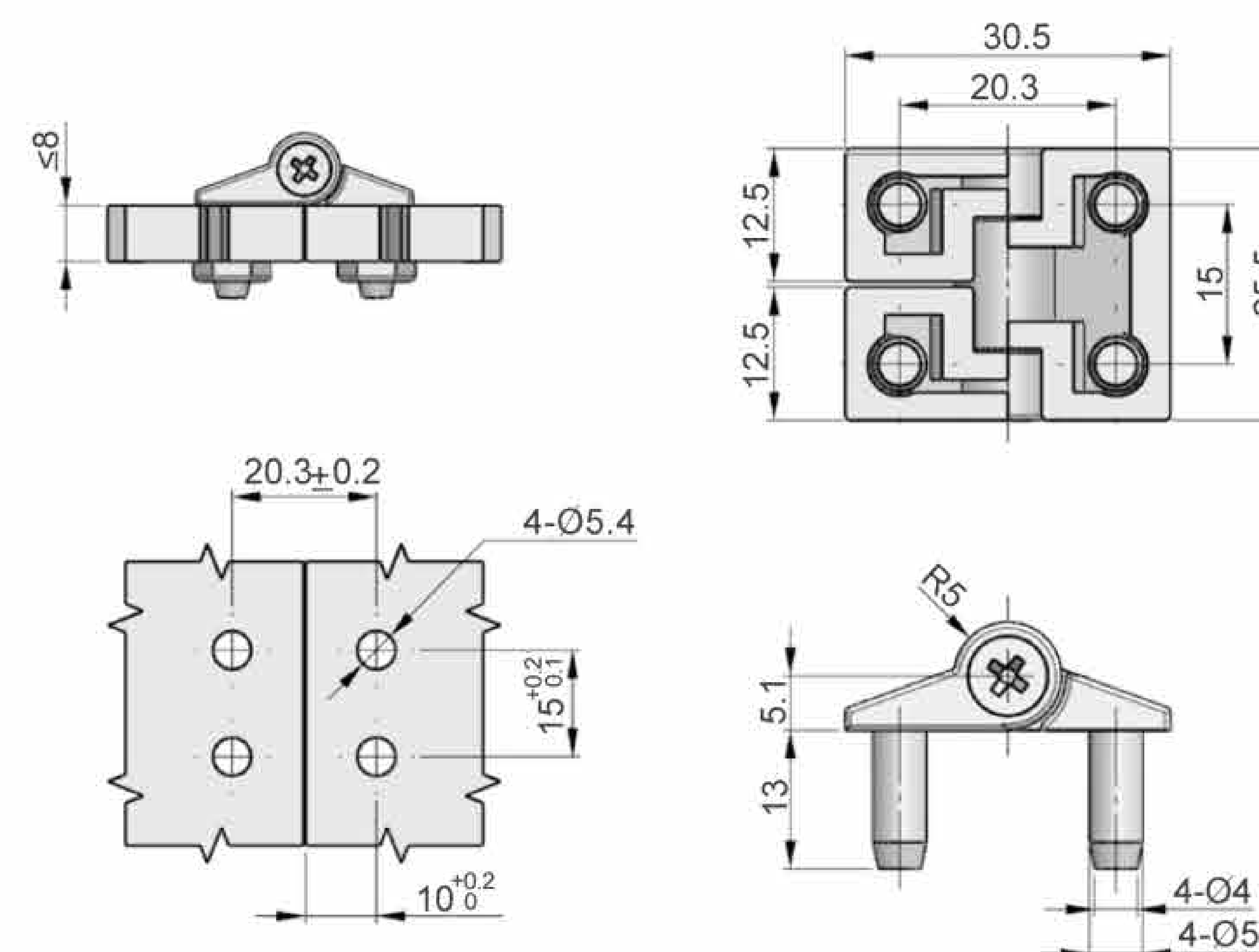
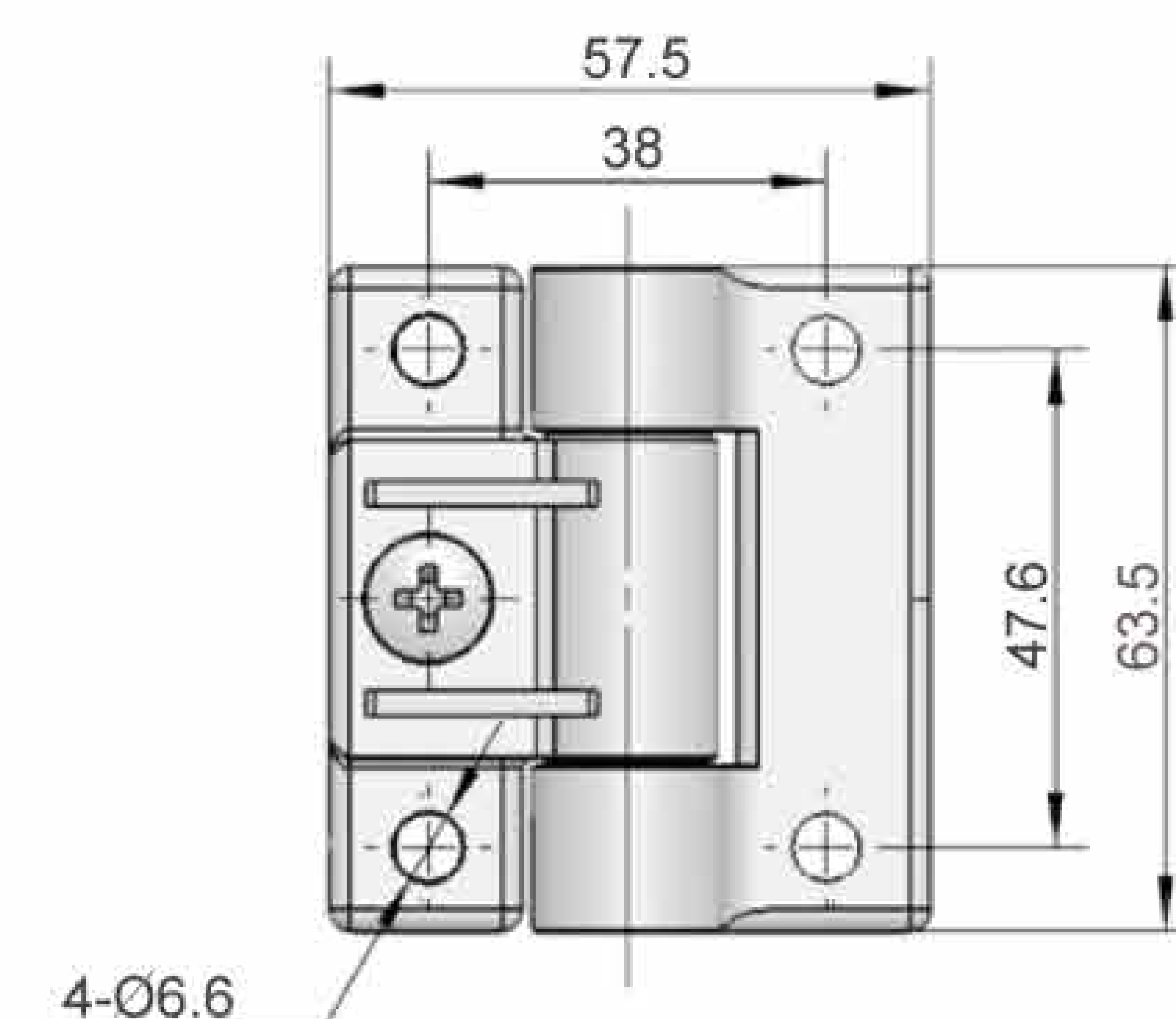
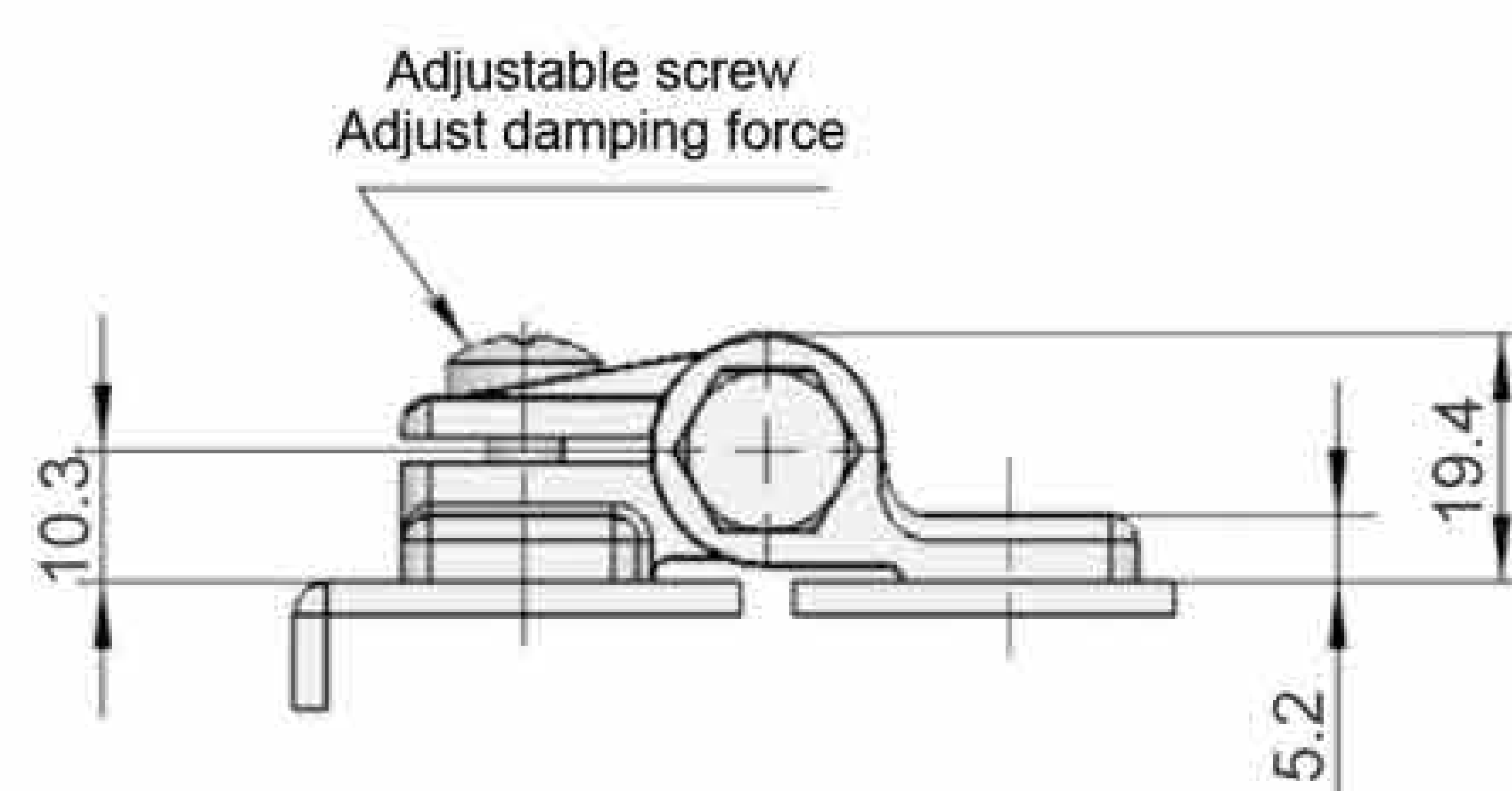
Remark: Special self tapping screw included

Performance parameter:

Maximum static load

Radial load: 80N

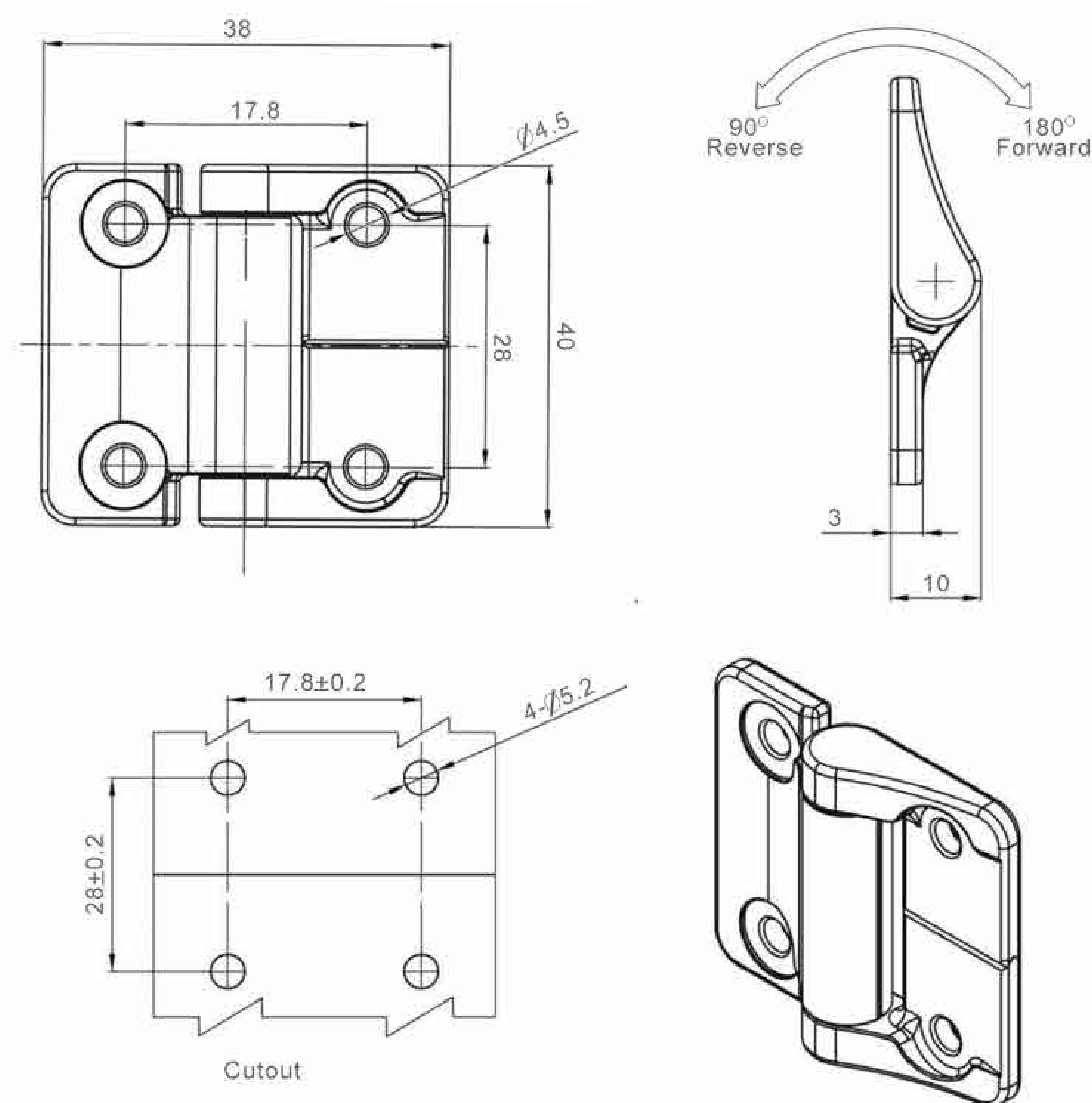
Axial load: 255N



MH200-4004

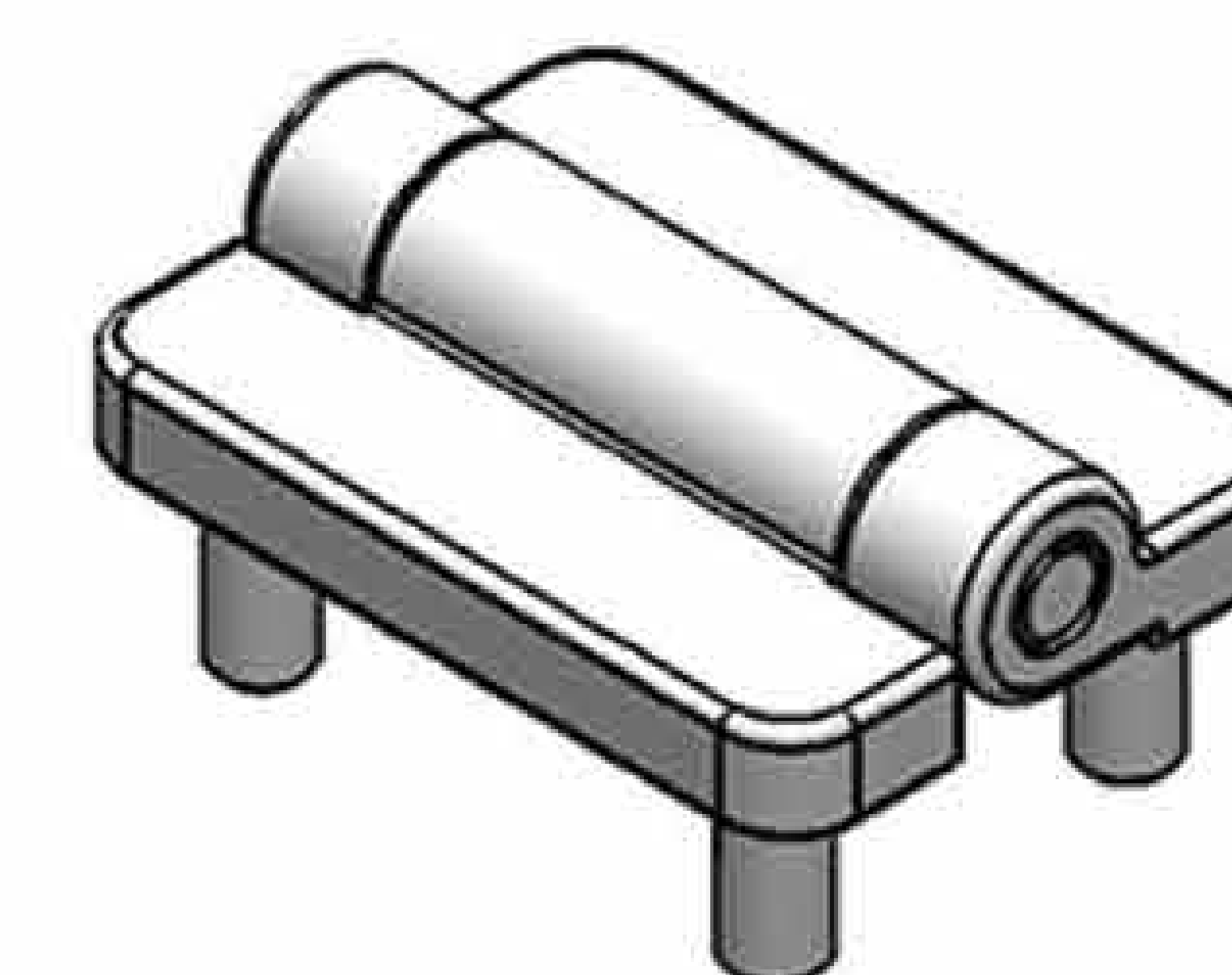
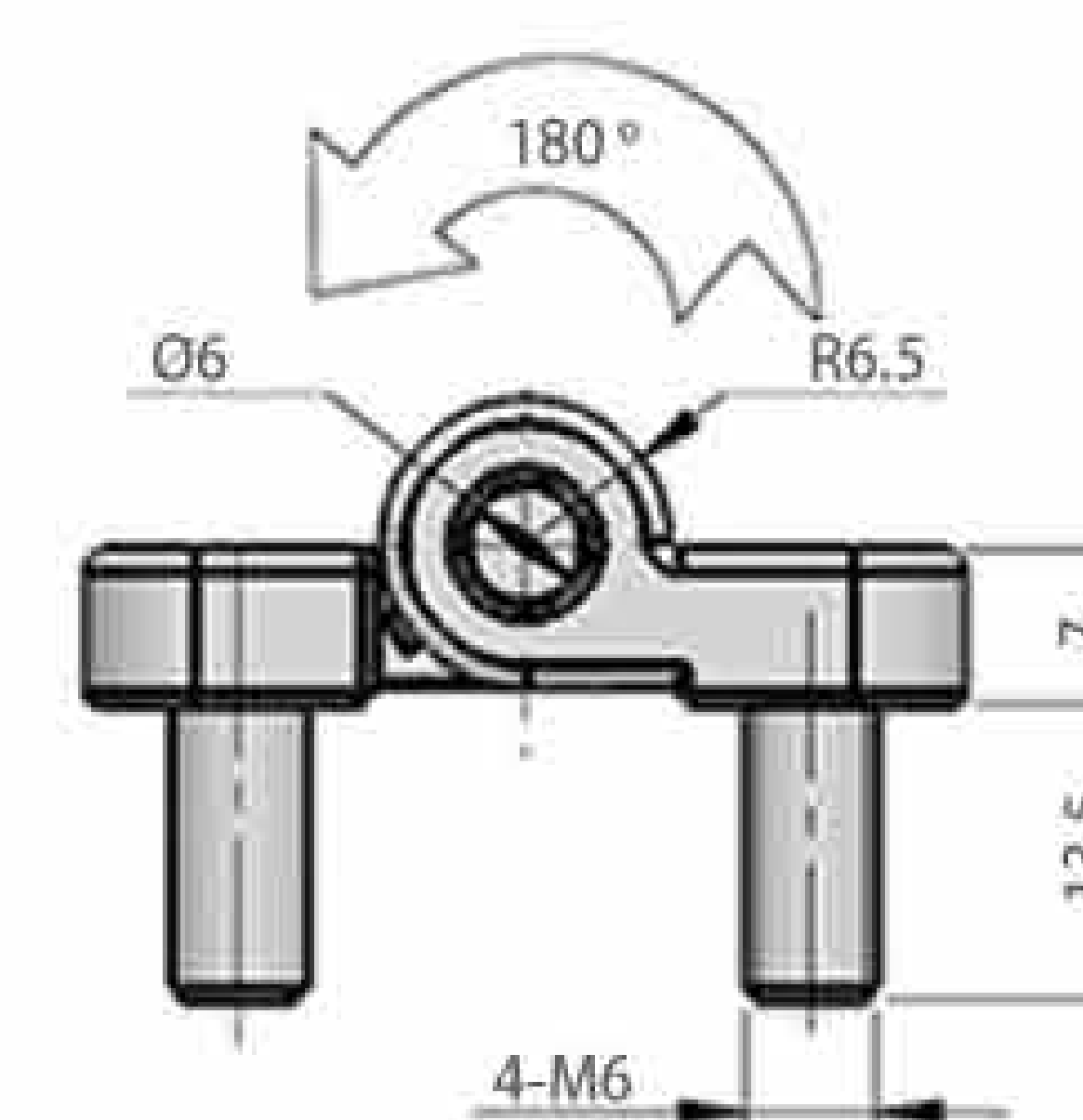
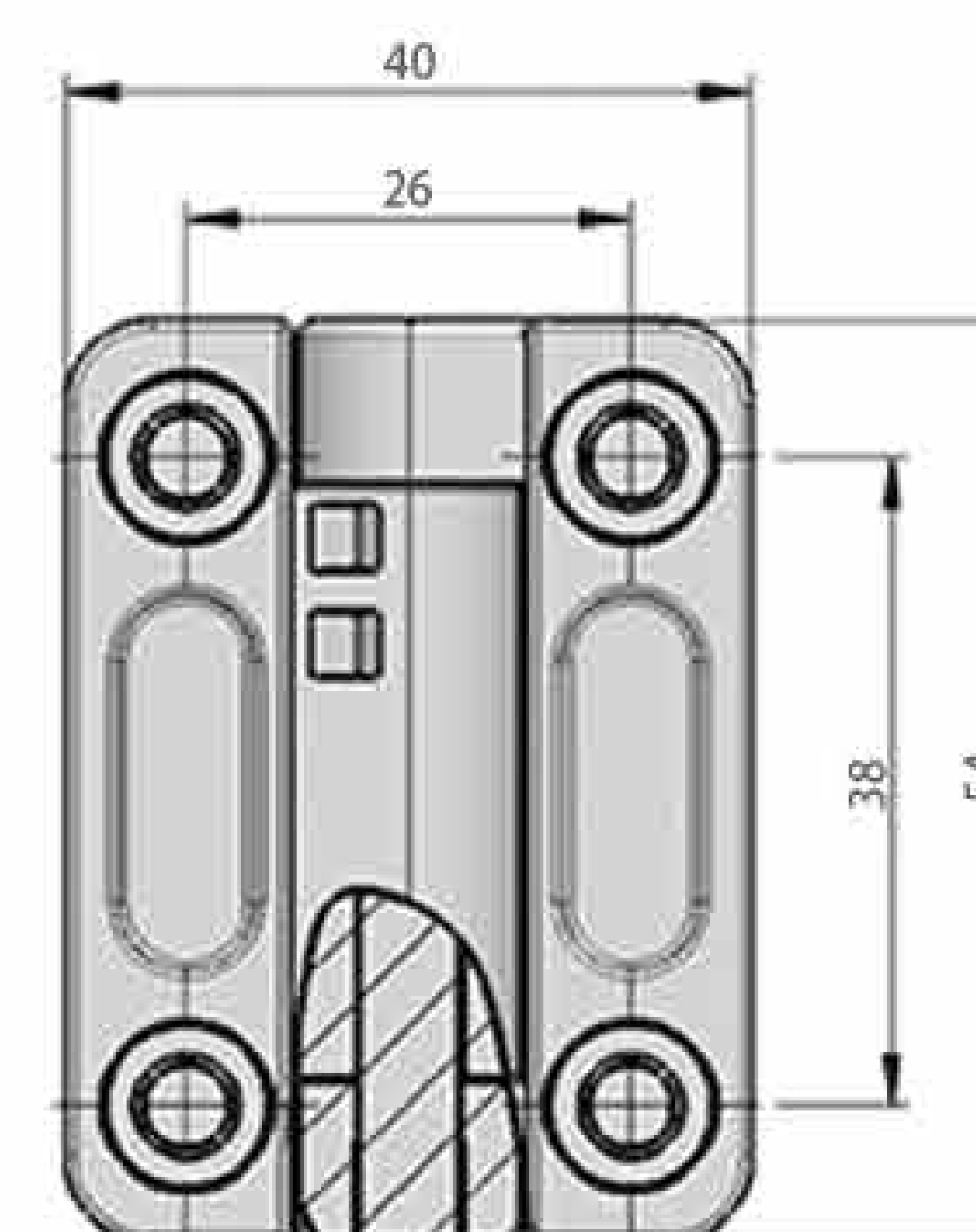
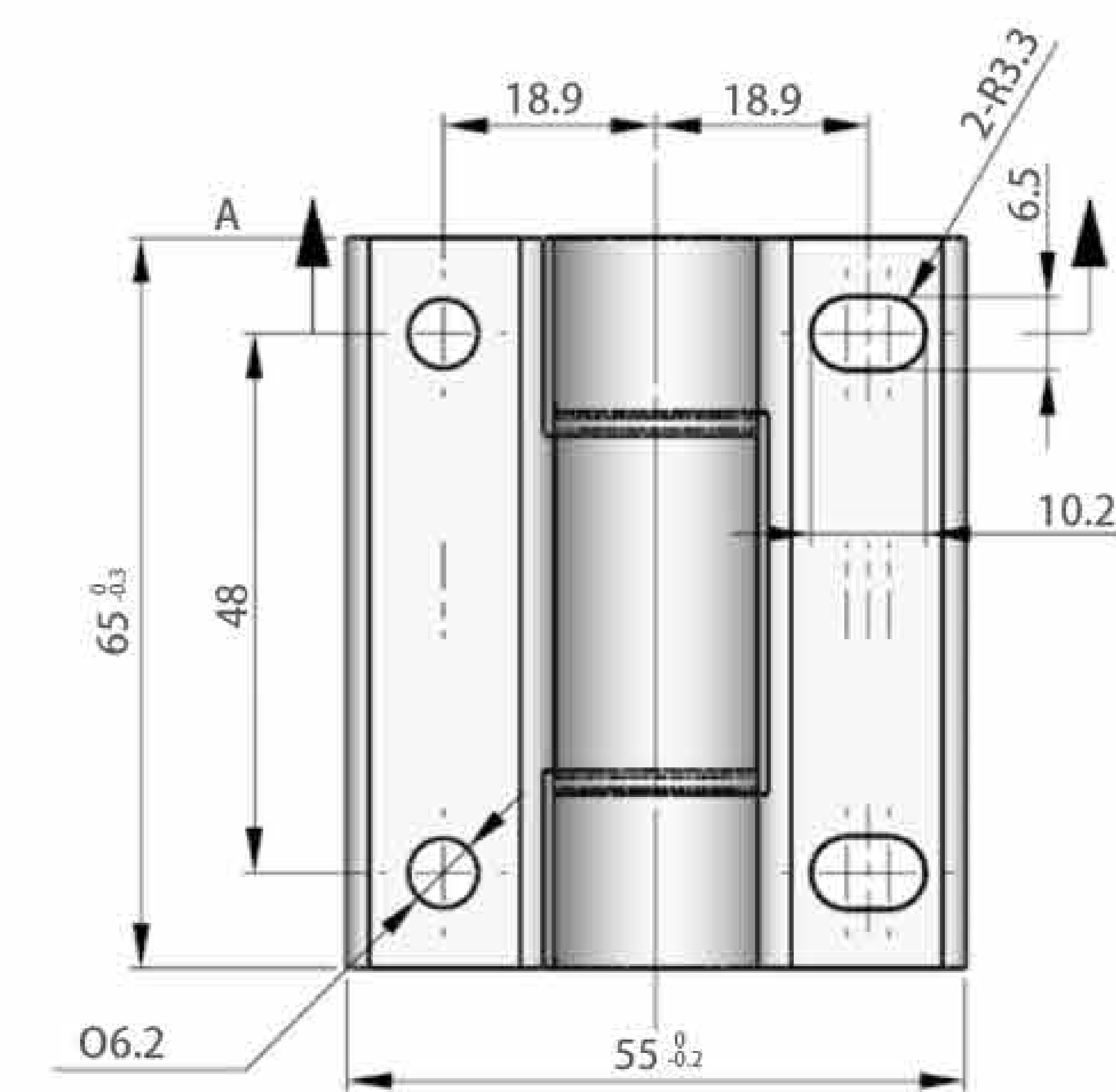
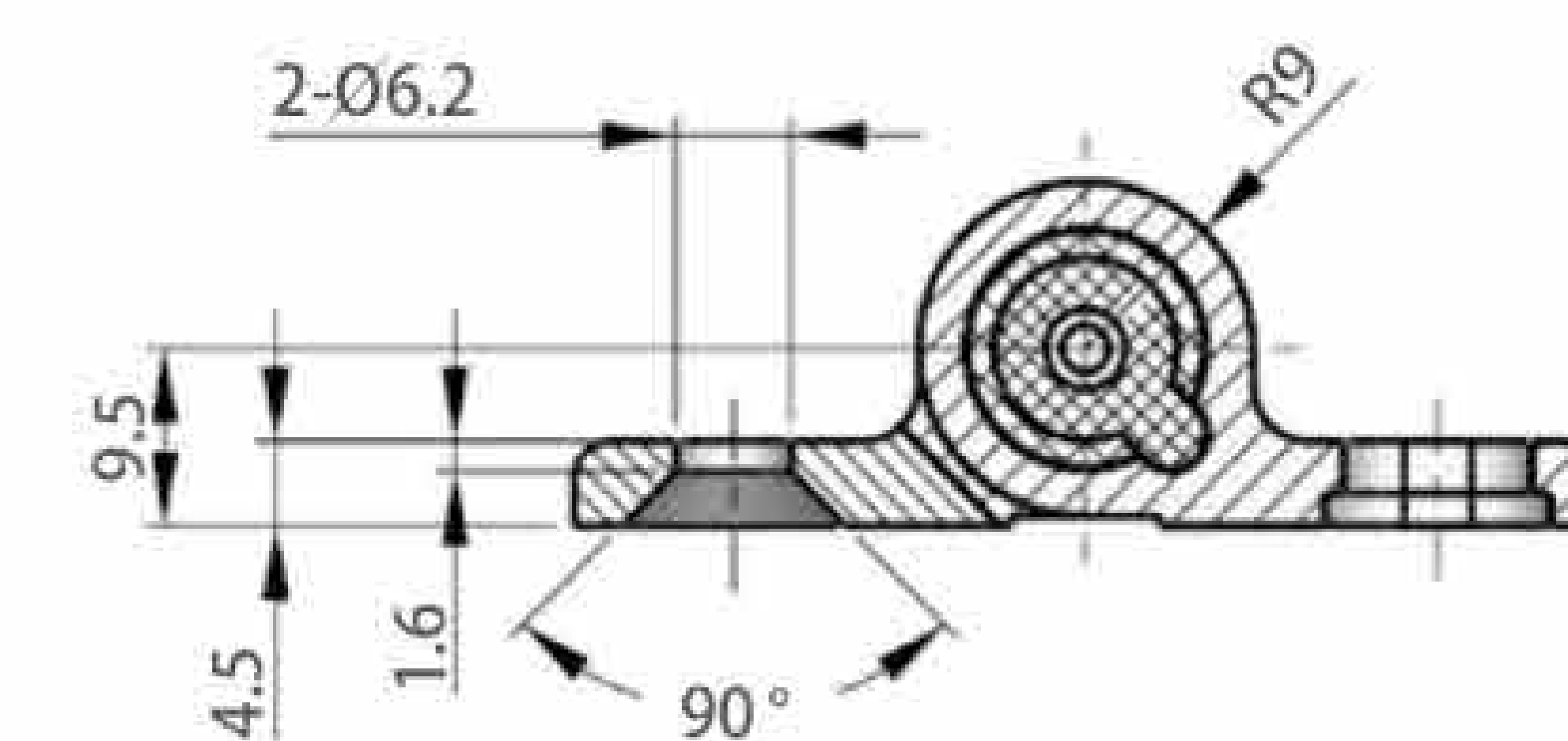


Main material and finish: steel hinge
Finish: black powder coated
Application: Opening angle 180°



Symmetric N.m

Torque(N.m)	Black Textured Powder Coated	Natural
Free operating	MH200-4004-1B	MH200-4004-1
0.9	MH200-4004-2B	MH200-4004-2
1.4	MH200-4004-3B	MH200-4004-3
1.8	MH200-4004-4B	MH200-4004-4
2.3	MH200-4004-5B	MH200-4004-5



MH200-4005



Main material and finish: Aluminum alloy hinge, POM shaft
Application: The hinge is damping hinge with bolt adjustable damping force

MH200-4006



Lock

Hinge

Handle

Draw Latch

Door Stop

Slide

Lock Accessories

Gasket

Lock

Hinge

Handle

Draw Latch

Door Stop

Slide

Lock Accessories

Gasket

MH200-4007

MH200-4008

Lock

Hinge

Handle

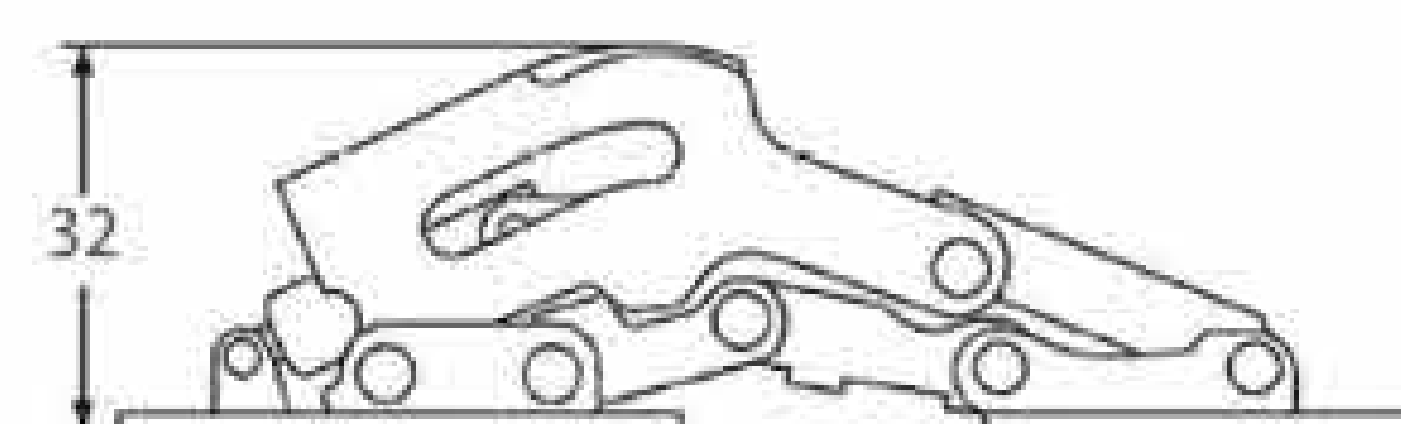
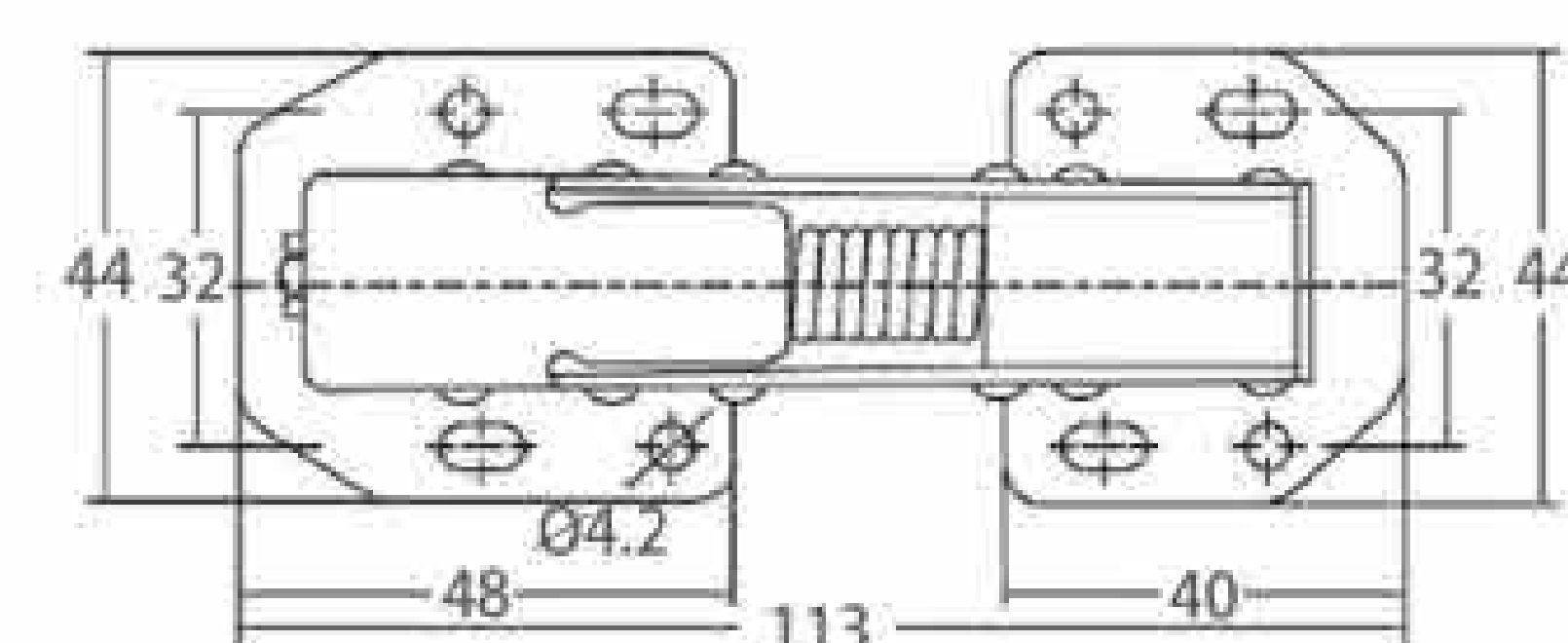
Draw Latch

Door Stop

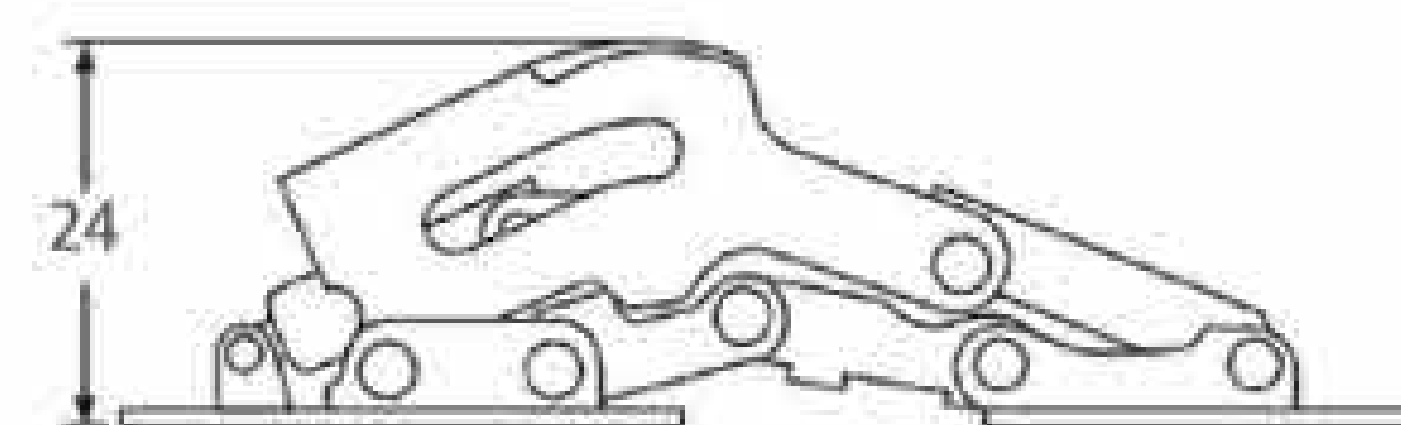
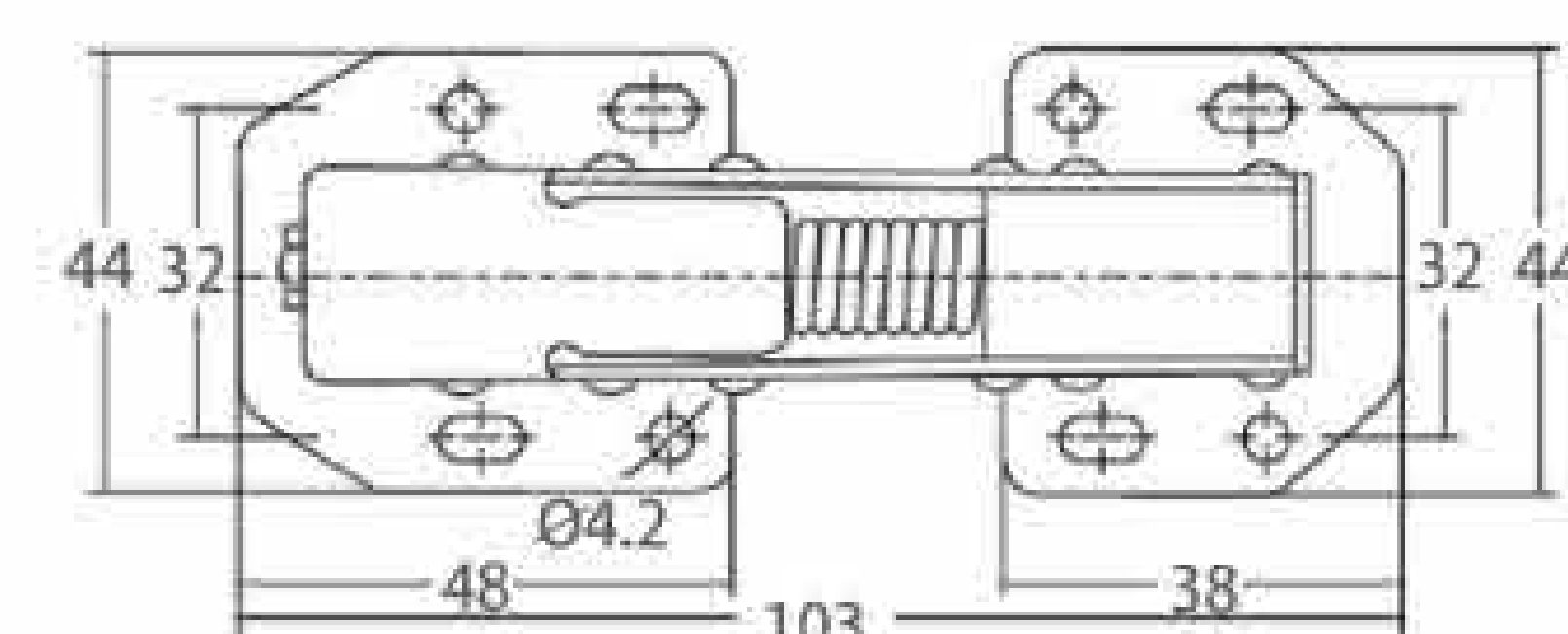
Slide

Lock Accessories

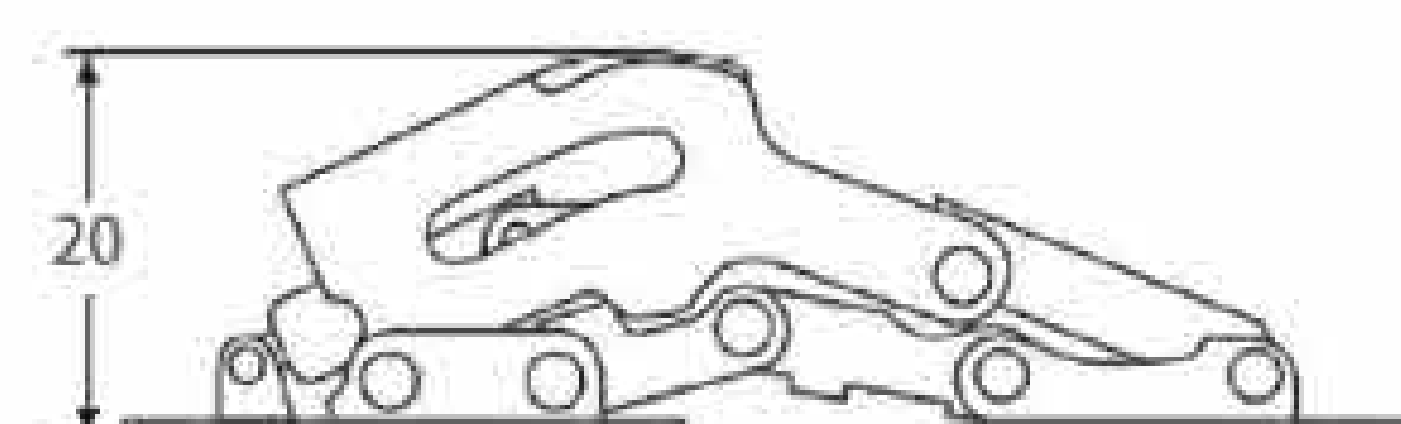
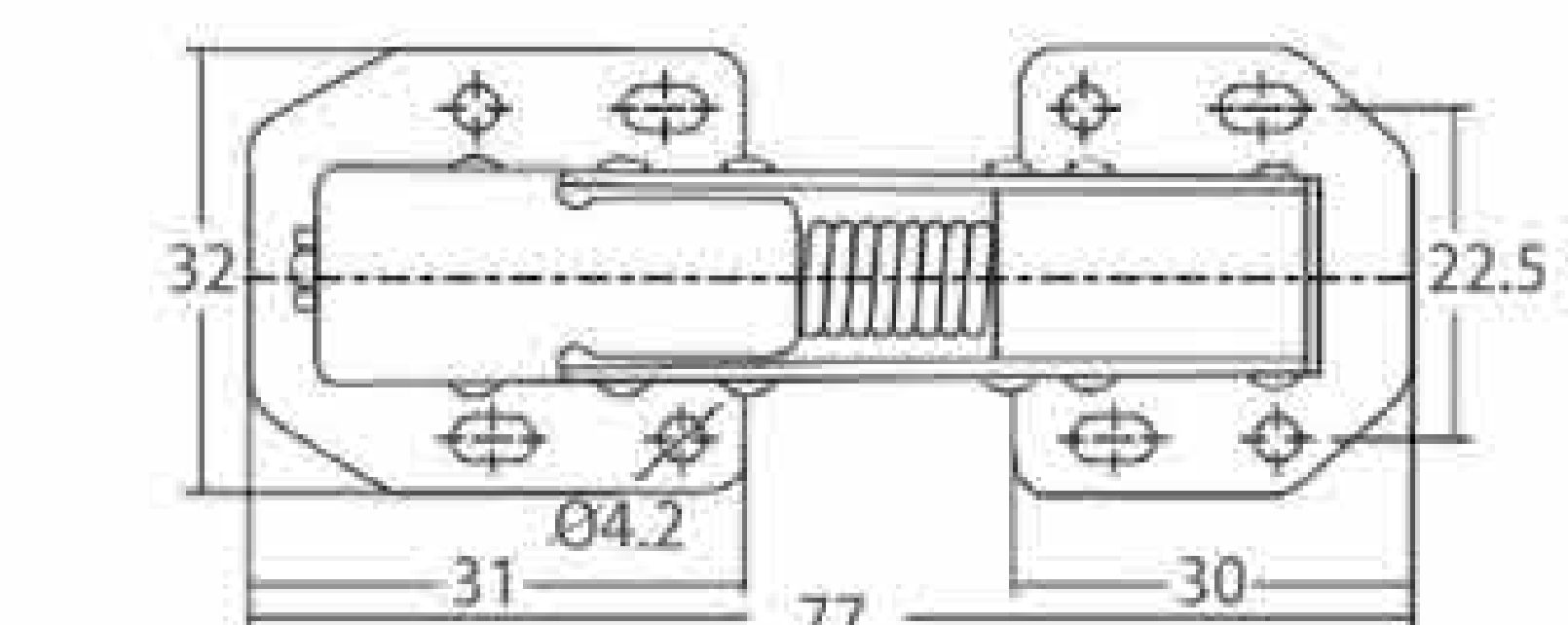
Gasket



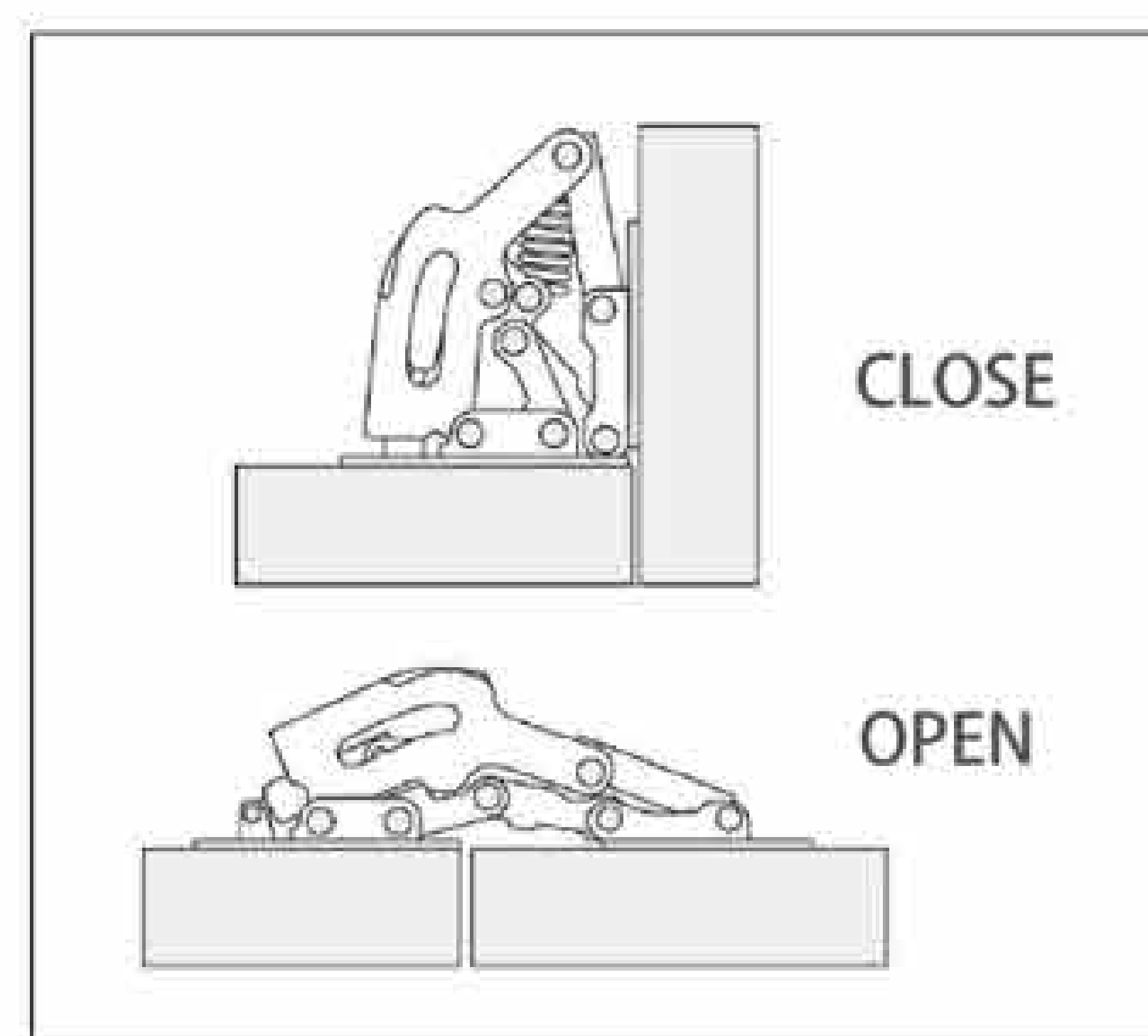
B4H



B4



B3



One way slide-on bridge hydraulic hinge

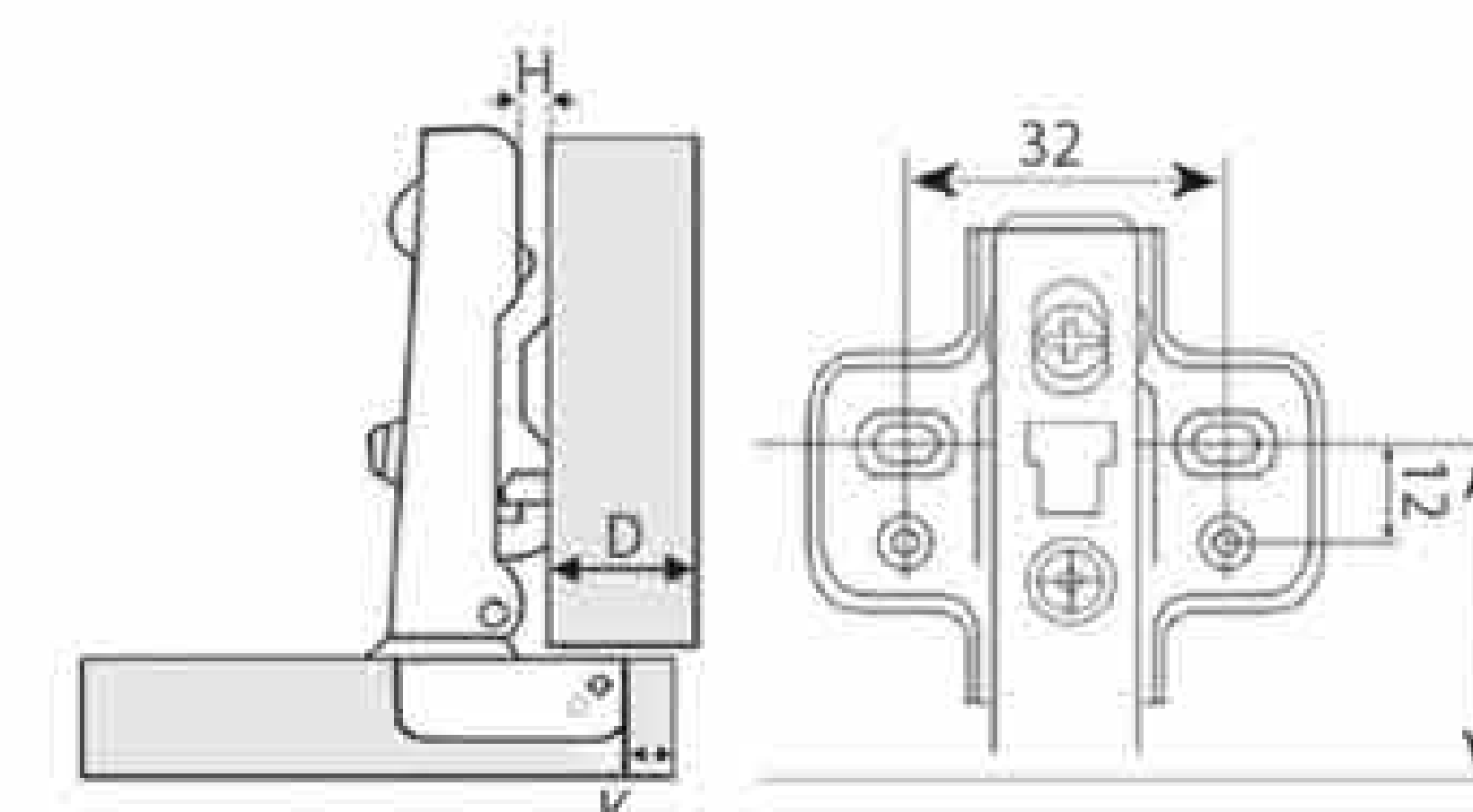
- Material: cold-rolled steel
- Finish: nickel plated
- Hole distance of hinge cup: 50mm
- Door thickness: 14-26mm
- Opening angle: 90°

H=Height of mounting plate
K=Drilling distance from the edge of door to edge of the hole
D=Required door overlay
A=Gap between door and side panel
L=Gap between door and carcass
T=Door thickness

100° Full-Overlay

D: Coverage calculation table

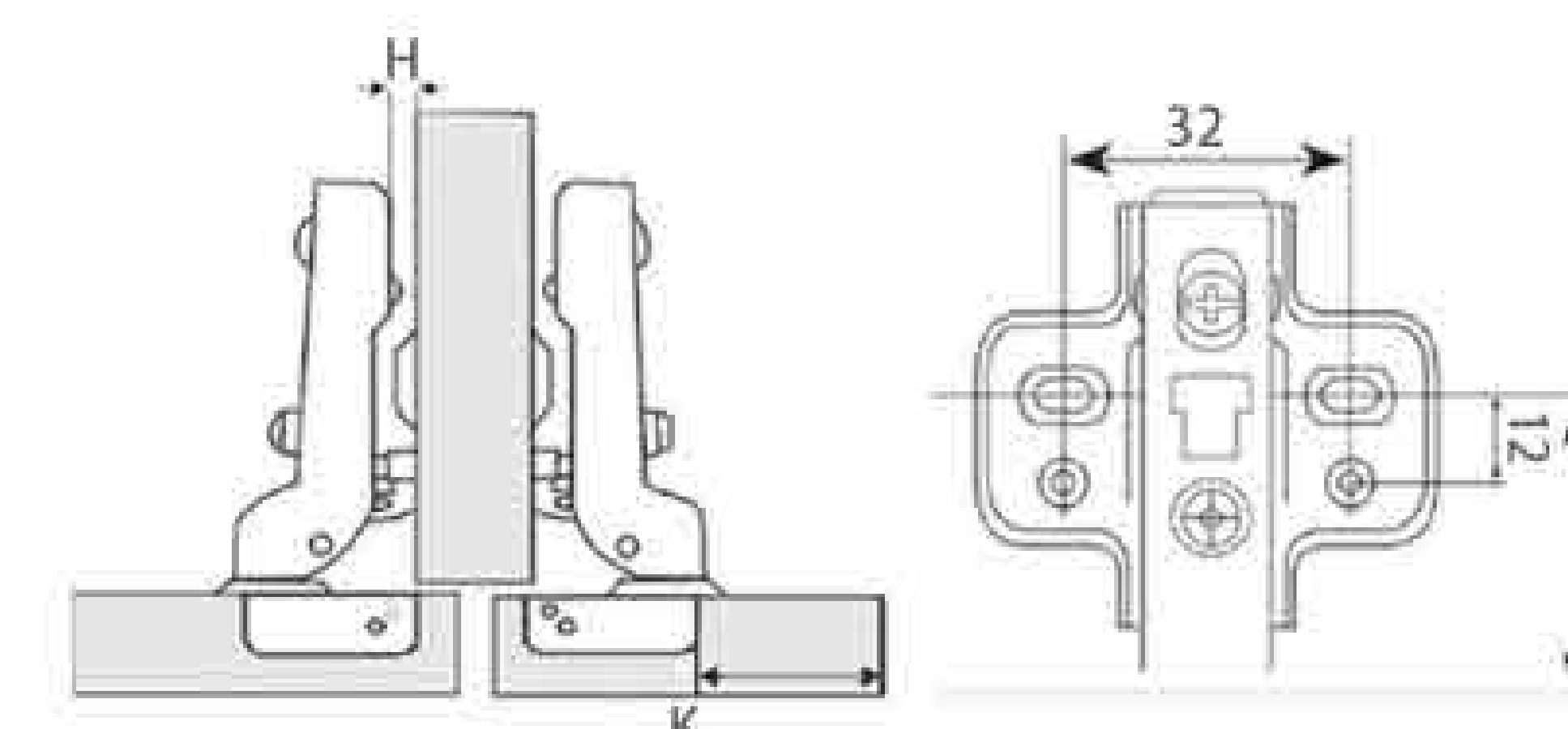
D/N	3	4	5	6	7
H=0	16	17	18	19	20
H=3	13	14	15	16	17



100° Half-Overlay

D: Coverage calculation table

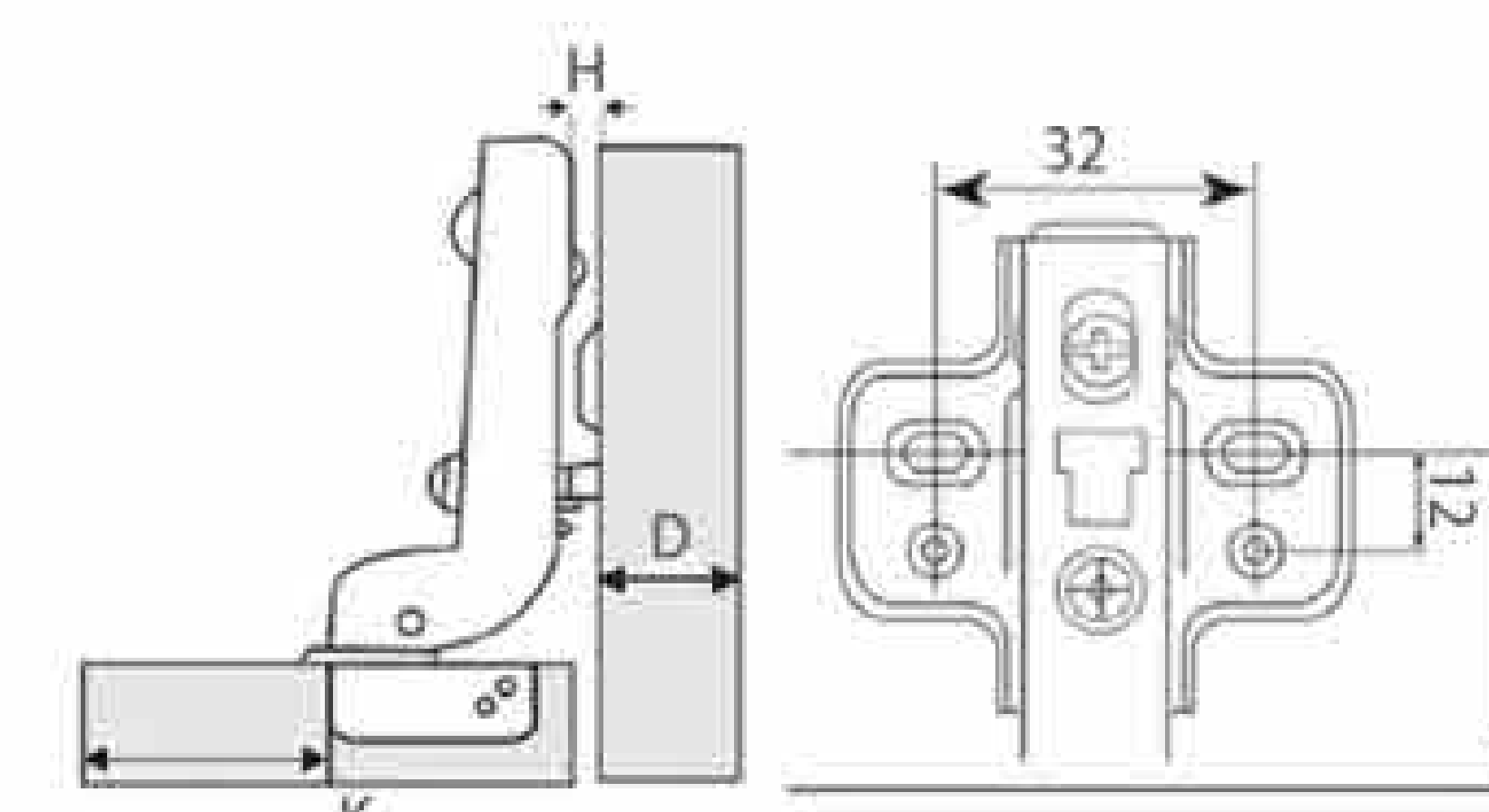
D/N	3	4	5	6	7
H=0	7	8	9	10	11
H=3	4	5	6	7	8



100° Inset

A: Gap Calculation table

A/N	3	4	5	6	7
H=0	-2.5	-1.5	-0.5	0.5	1.5



A



B



C

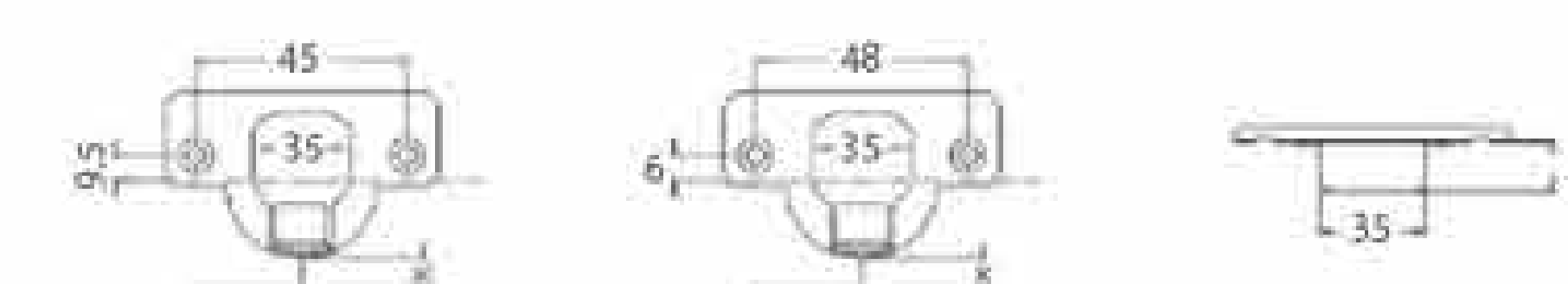
Backside structure reference



One way slide-on stainless steel hydraulic hinge

- Diameter of hinge cup: 35mm
- Material: 304, 201 Stainless steel
- Hole distance of hinge cup: 48mm/45mm
- Depth of hinge cup: 11.3mm
- Opening angle: 100°-110°
- Finish: electrolysis
- Door thickness: 14-20mm

H=Height of mounting plate
K=Drilling distance from the edge of door to edge of the hole
D=Required door overlay
A=Gap between door and side panel
L=Gap between door and carcass
T=Door thickness



Lock

Hinge

Handle

Draw Latch

Door Stop

Slide

Lock Accessories

Gasket

Lock

Hinge

Handle

Draw Latch

Door Stop

Slide

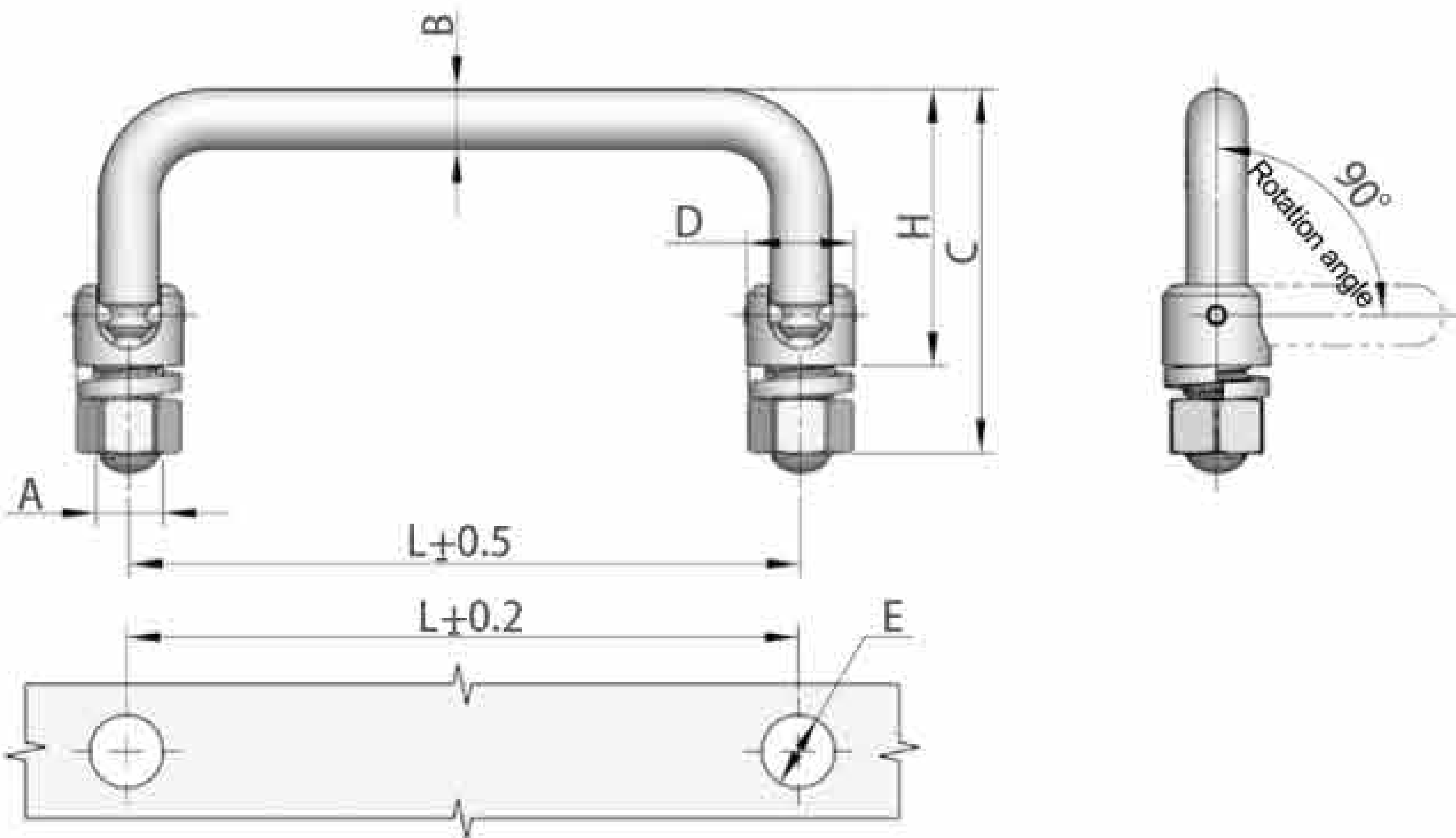
Lock Accessories

Gasket

MH300-1001



Performance parameter:
Maximum static load: 1200N(L=90)



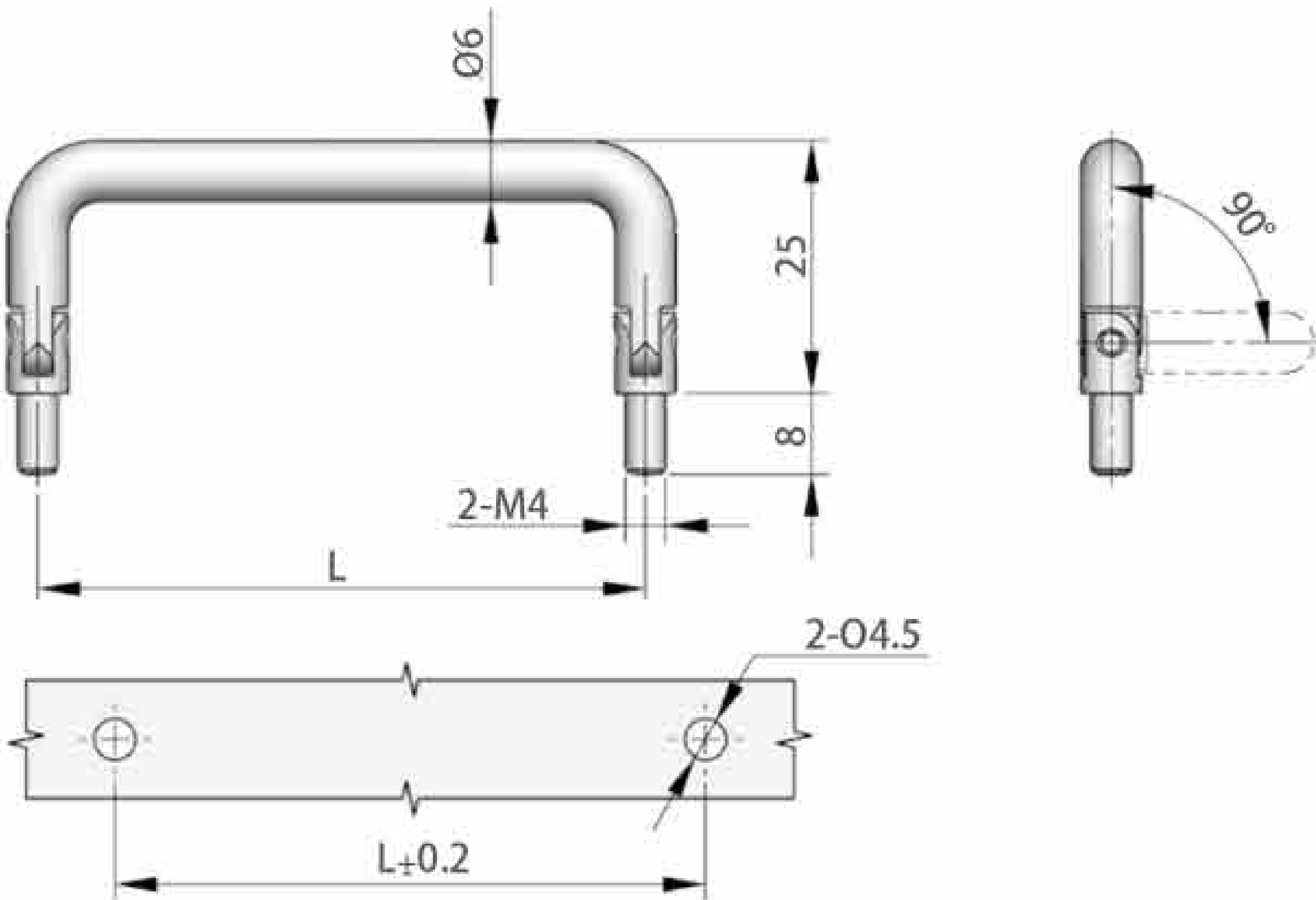
Specification	A=M10 B=Ø9 C=57.5 D=Ø16 H=41.5 E=Ø11 Ts=1~2	
	Bright Chrme-Plated Steel	Stainless Steel
L=55	MH300-1001-55	MH300-1001-S55
L=60	MH300-1001-60	MH300-1001-S60
L=70	MH300-1001-70	MH300-1001-S70
L=84	MH300-1001-84	MH300-1001-S84
L=90	MH300-1001-90	MH300-1001-S90
L=100	MH300-1001-100	MH300-1001-S100
L=102	MH300-1001-102	MH300-1001-S102
L=119	MH300-1001-119	MH300-1001-S119
L=122	MH300-1001-122	MH300-1001-S122
L=135	MH300-1001-135	MH300-1001-S135
L=149	MH300-1001-149	MH300-1001-S149
L=155	MH300-1001-155	MH300-1001-S155
L=160	MH300-1001-160	MH300-1001-S160

MH300-1002

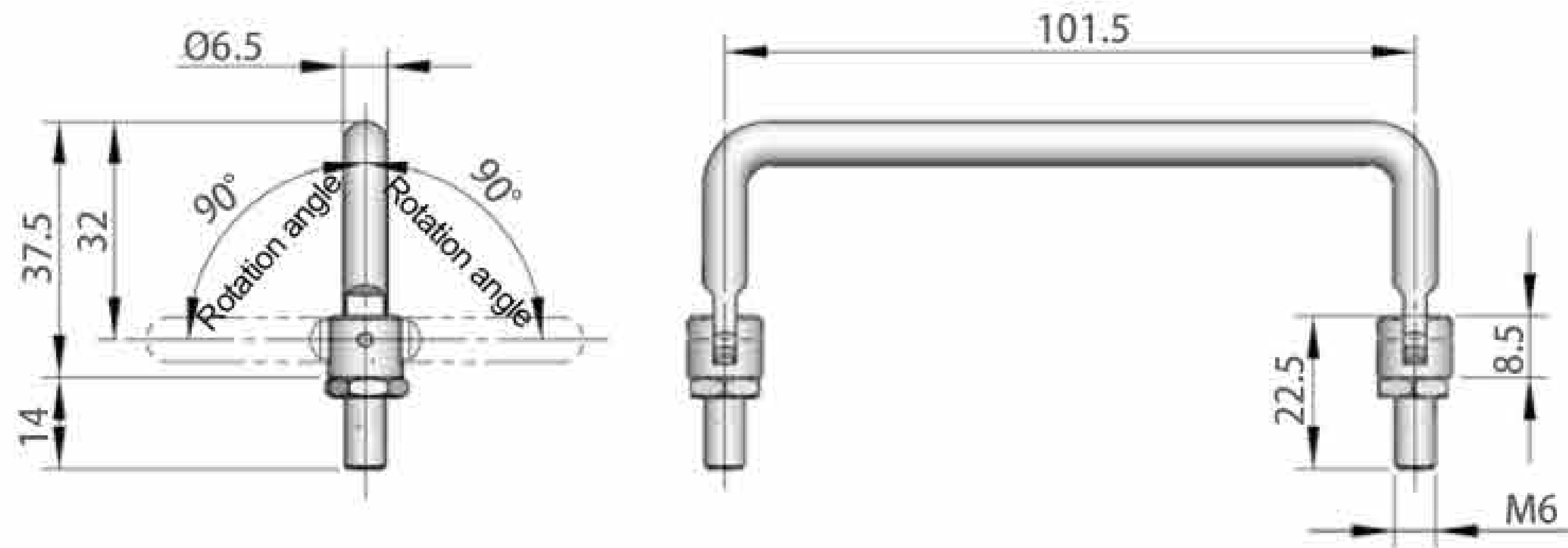


Main material: Stainless steel or steel

Performance parameter:
Maximum static load: 1200N(L=90)



Specification	Bright Chrme-Plated Steel	
	Stainless Steel	
L=55	MH300-1002-55	MH300-1002-S55
L=60	MH300-1002-60	MH300-1002-S60
L=70	MH300-1002-70	MH300-1002-S70
L=74	MH300-1002-74	MH300-1002-S74
L=84	MH300-1002-84	MH300-1002-S84
L=90	MH300-1002-90	MH300-1002-S90
L=102	MH300-1002-102	MH300-1002-S102
L=122	MH300-1002-122	MH300-1002-S122
L=138	MH300-1002-138	MH300-1002-S138



MH300-1003



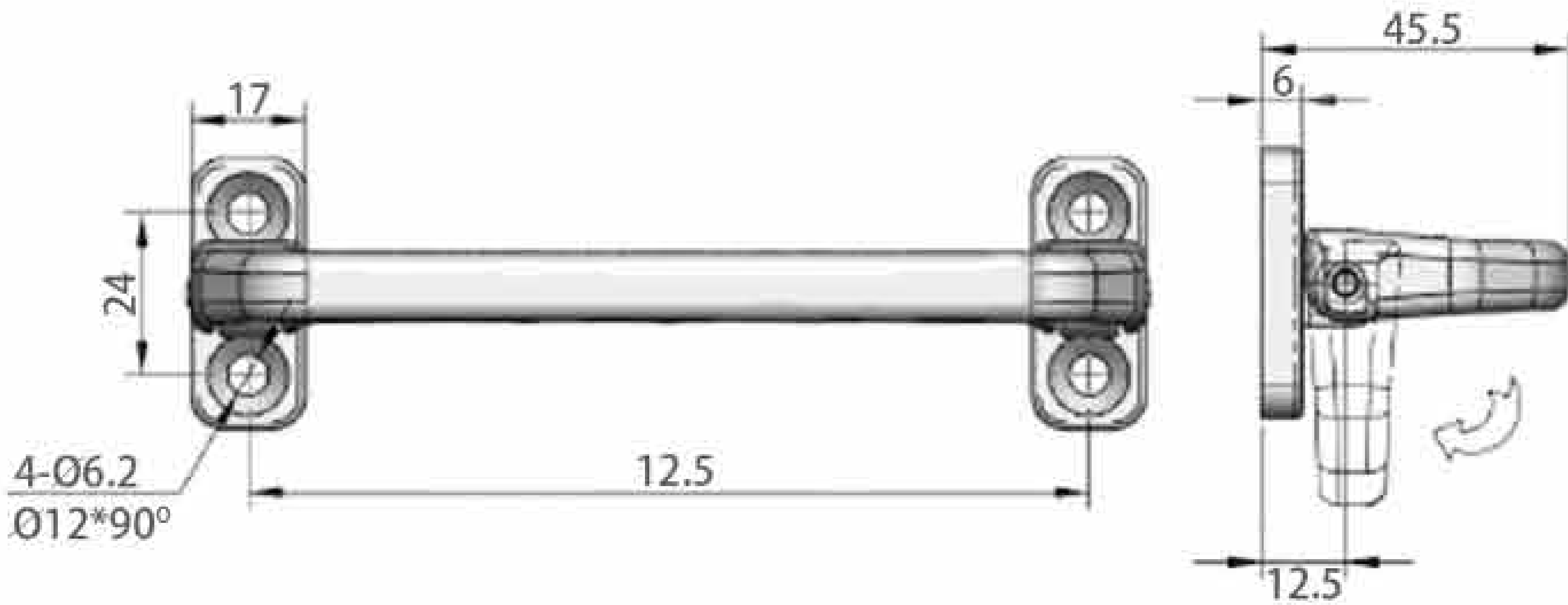
Main material and finish: Black powder coated steel

Performance parameter:
Maximum static load: 800N

MH300-1004



Main material and finish: Yellow-grey powder coated aluminium alloy



Lock

Hinge

Handle

Draw Latch

Lock Accessories

Gasket

lock

Hinge

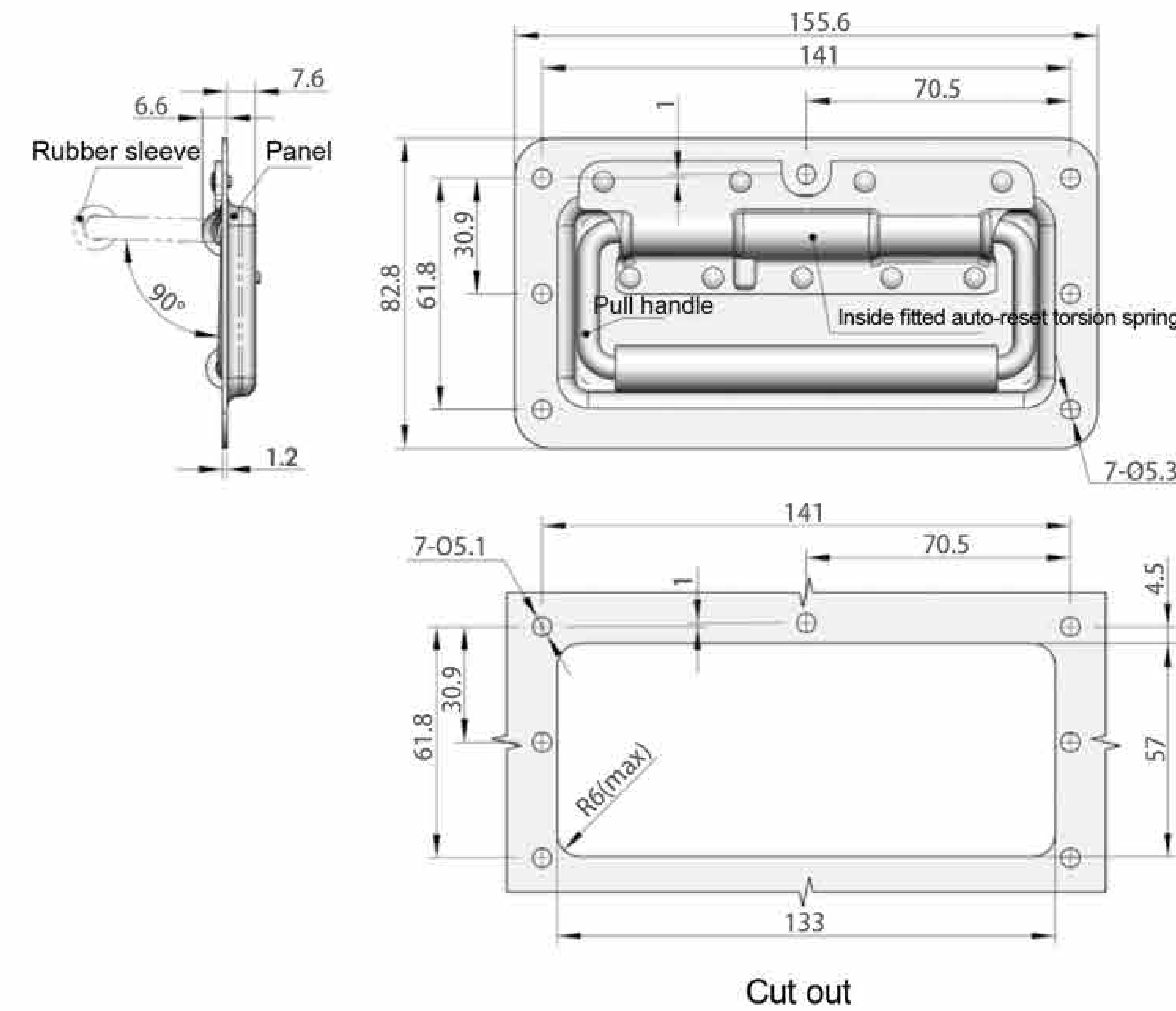
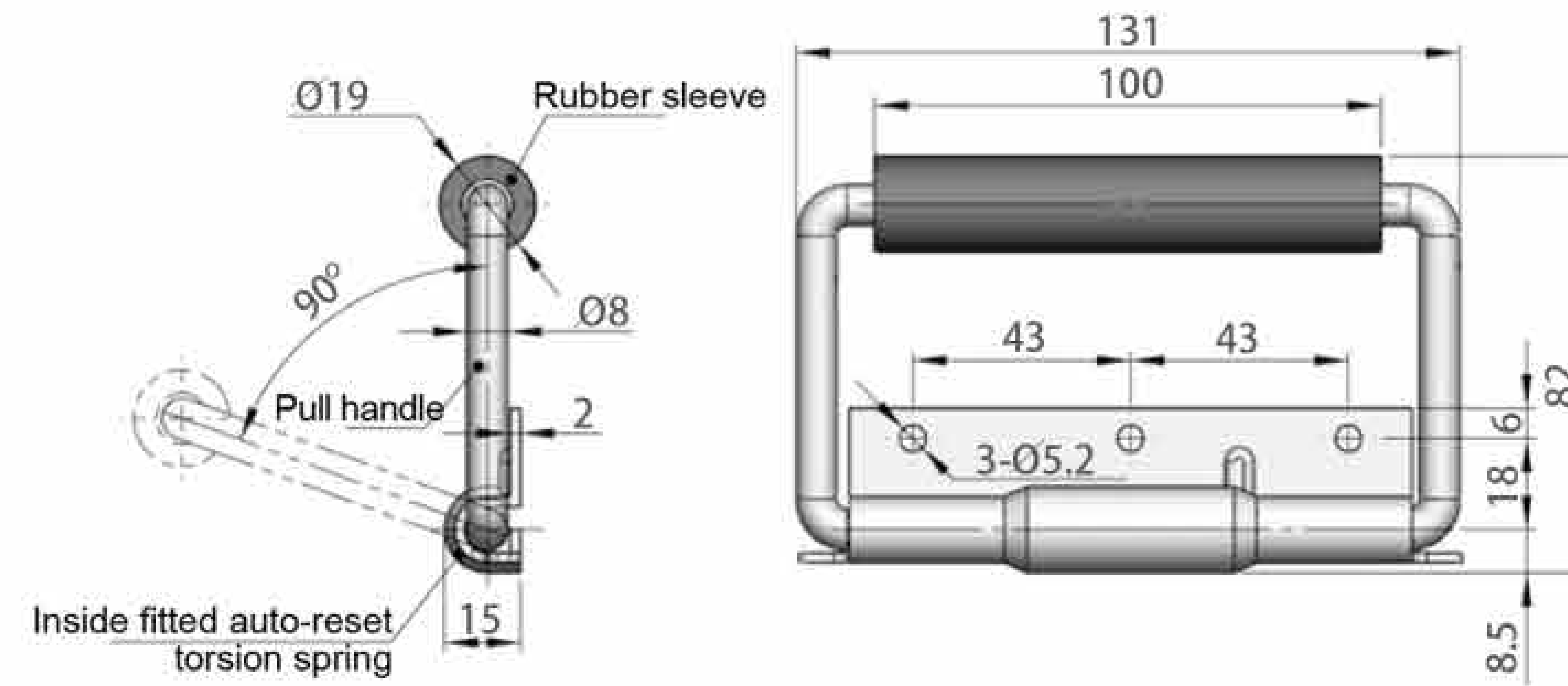
Handle

Draw Latch

MH300-1005



Performance parameter:
Maximum static load: 800N



MH300-1007



Main material and finish: Silk black powder coated steel base and pull handle, rubber sleeve

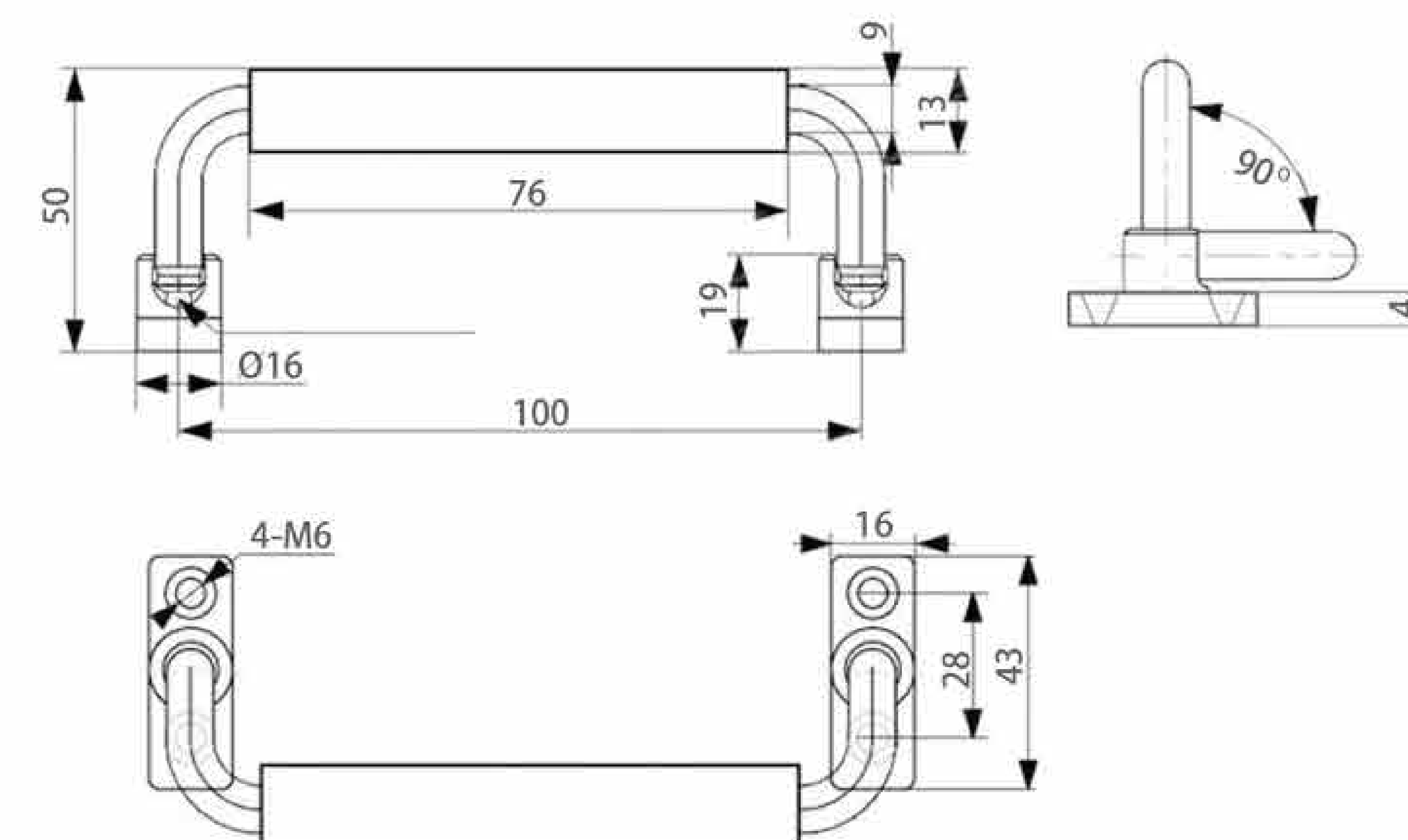
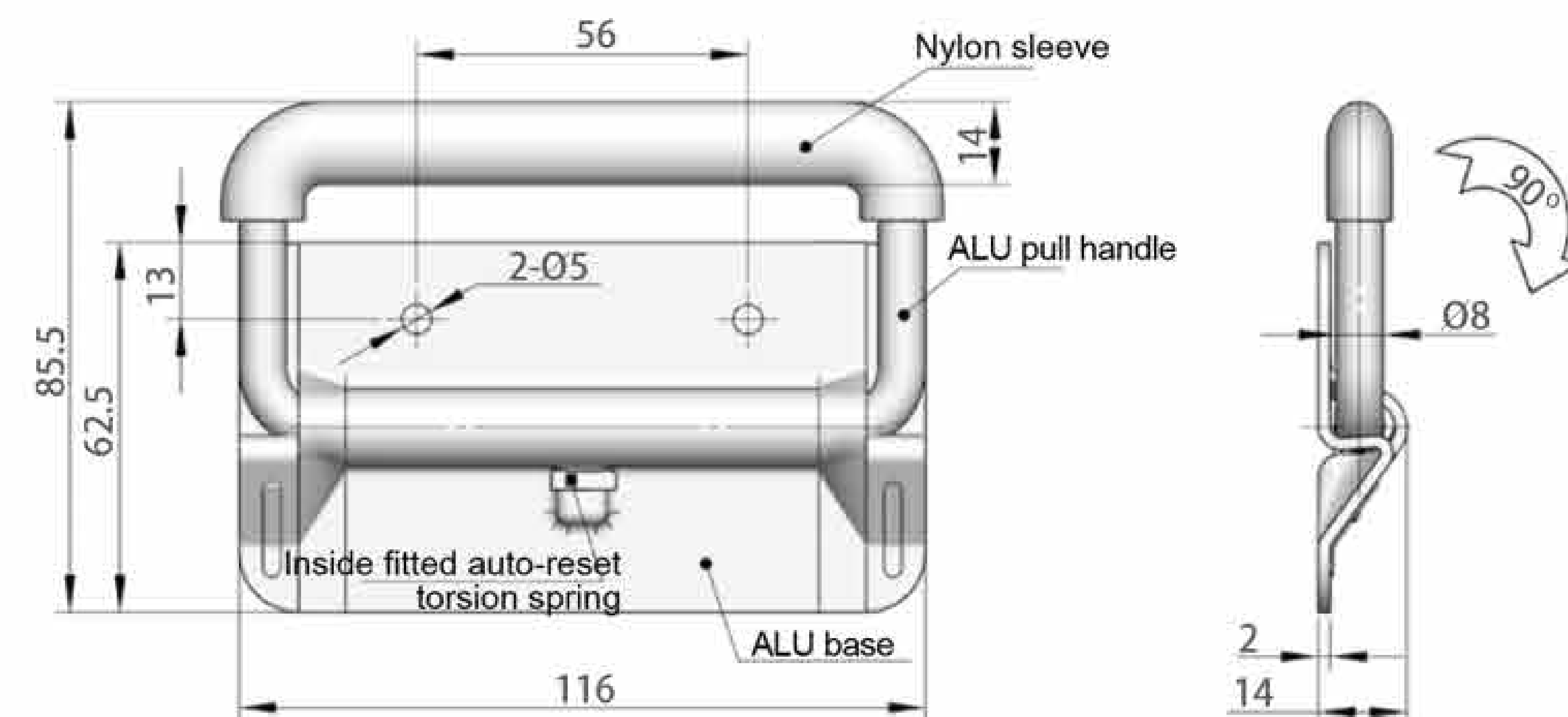
Performance parameter:
Maximum static load: 1610N

MH300-1006



Main material and finish: Oxidation aluminum alloy base and pull handle, rubber sleeve

Performance parameter:
Maximum static load: 840N



MH300-1008



Main material and finish:Bright chrome plated steel handle or stainless steel

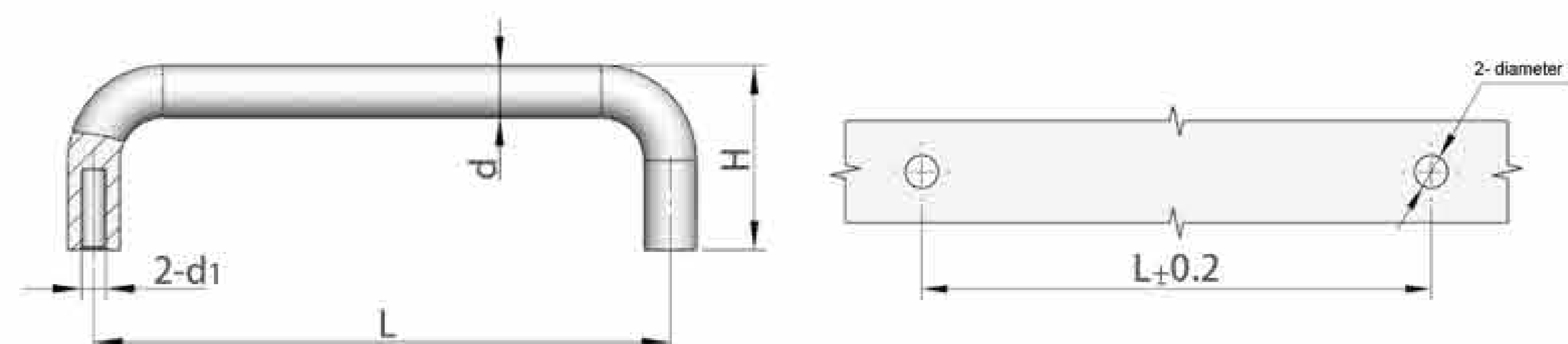
MH300-2001



Performance parameter:

Item:LS511-Z-120

Maximum static load: 1800N



Specification						Bright Chrme-Plated Steel	Stainless Steel
L	d	H	d ₁	H			
55	6	26	M4	Ø4.5		MH300-2001-B55	MH300-2001-BS55
60	6	26	M4	Ø4.5		MH300-2001-B60	MH300-2001-BS60
70	6	32	M4	Ø4.5		MH300-2001-B70	MH300-2001-BS70
82	6	26	M4	Ø4.5		MH300-2001-B82	MH300-2001-BS82
90	6	32	M4	Ø4.5		MH300-2001-B90	MH300-2001-BS90
102	6	32	M4	Ø4.5		MH300-2001-B102	MH300-2001-BS102
122	6	32	M4	Ø4.5		MH300-2001-B122	MH300-2001-BS122
138	6	32	M4	Ø4.5		MH300-2001-B138	MH300-2001-BS138
75	8	40	M5	Ø6		MH300-2001-A75	MH300-2001-AS75
100	8	32	M5	Ø6		MH300-2001-A100	MH300-2001-AS100
150	8	40	M5	Ø6		MH300-2001-A150	MH300-2001-AS150
90	9	32	M5	Ø6		MH300-2001-90	MH300-2001-S90
100	9	32	M5	Ø6		MH300-2001-100	MH300-2001-S100
119	9	40	M5	Ø6		MH300-2001-119	MH300-2001-S119
135	9	32	M5	Ø6		MH300-2001-135	MH300-2001-S135
149	9	40	M5	Ø6		MH300-2001-149	MH300-2001-S149
155	9	32	M5	Ø6		MH300-2001-155	MH300-2001-S155
160	9	40	M5	Ø6		MH300-2001-160	MH300-2001-S160

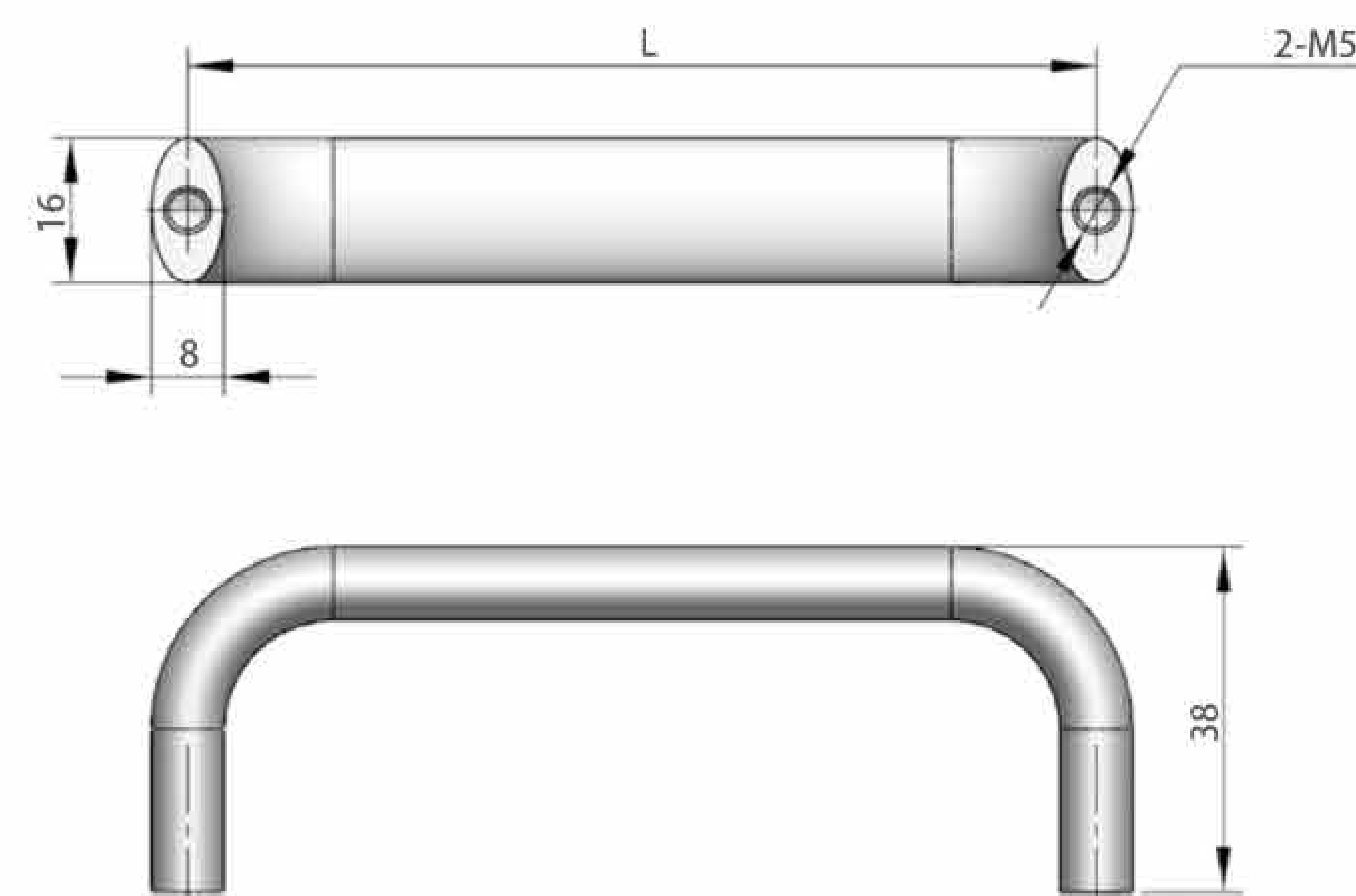
MH300-2002



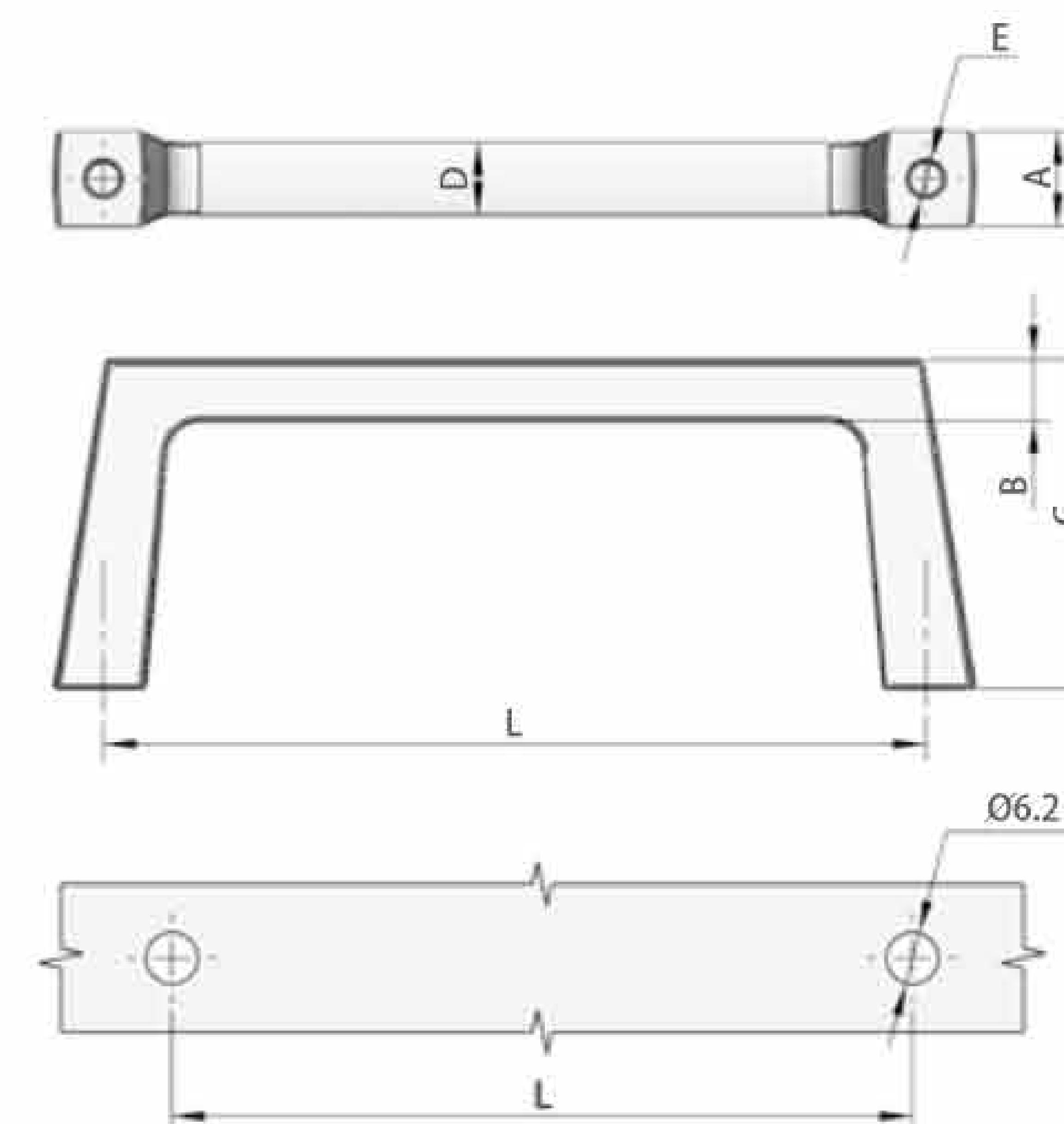
Main material and finish: Silk black powder coated aluminum alloy

Performance parameter:

Maximum static load: 2500N (L=100)



Specification	Bright Chrme-Plated Steel
L	
L=75	MH300-2002-75
L=100	MH300-2002-100
L=125	MH300-2002-125
L=150	MH300-2002-150
L=175	MH300-2002-175



Model	Specification					
	A	B	C	D	L	E
L=75	10.5	7	32	8	100	2-M6
L=100	14.5	9.5	50	11	125	2-M6
L=125	18.5	9.5	40	16	130	2-M6

MH300-2003



Main material and finish: Nanometer painted aluminium alloy

Performance parameter:

Maximum static load: 800N

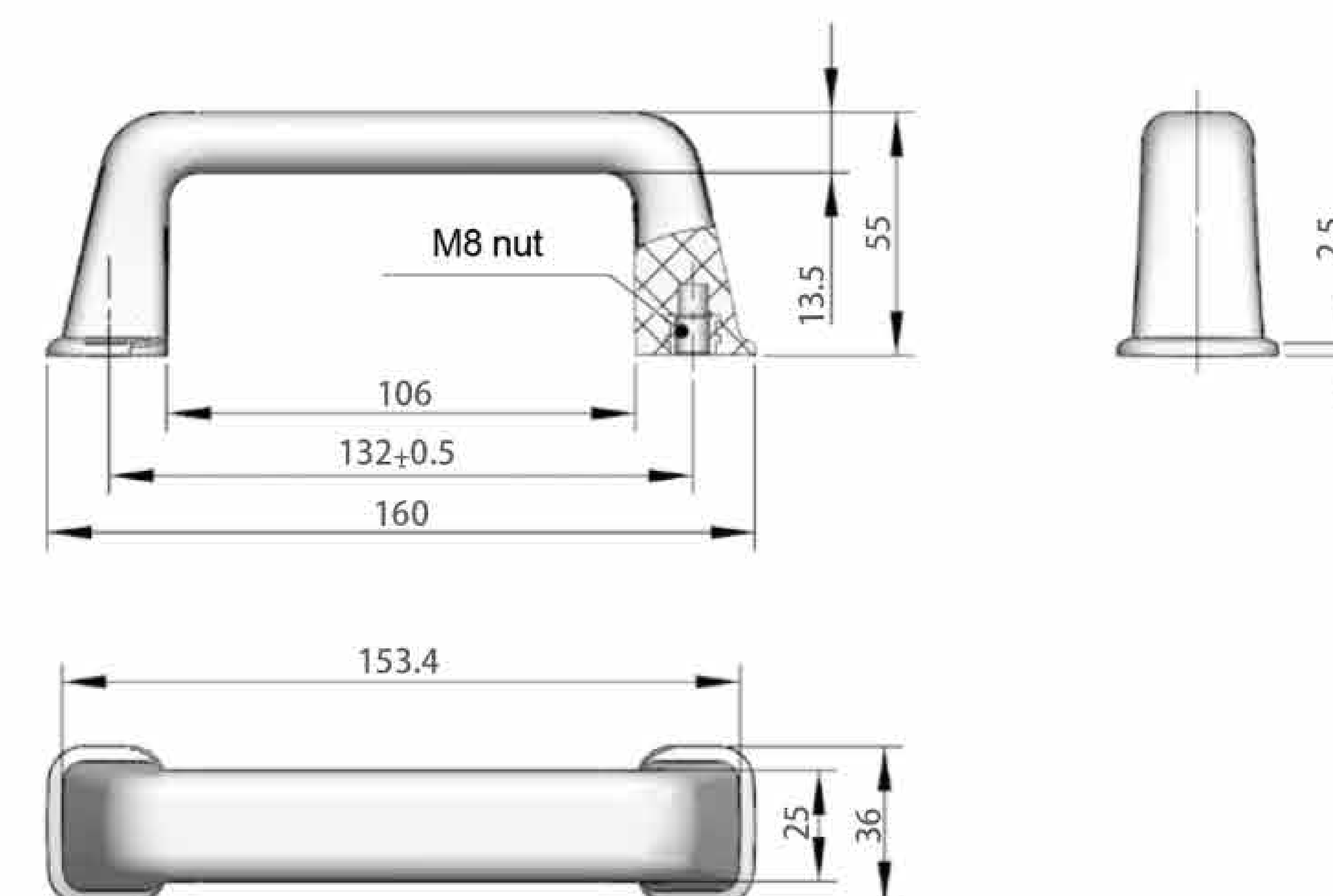
MH300-2004



Main material: Black PP

Performance parameter:

Maximum static load: 650N



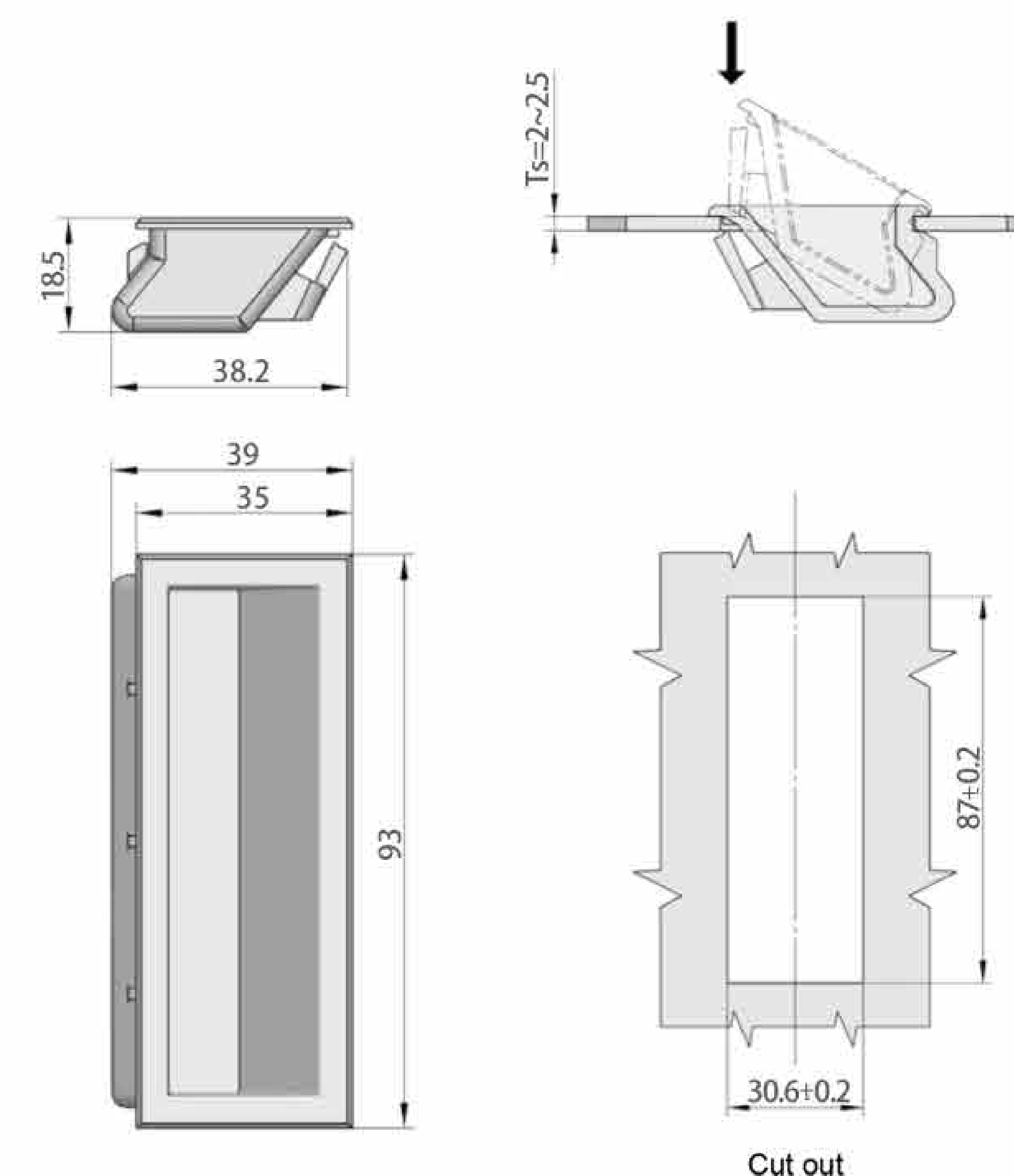
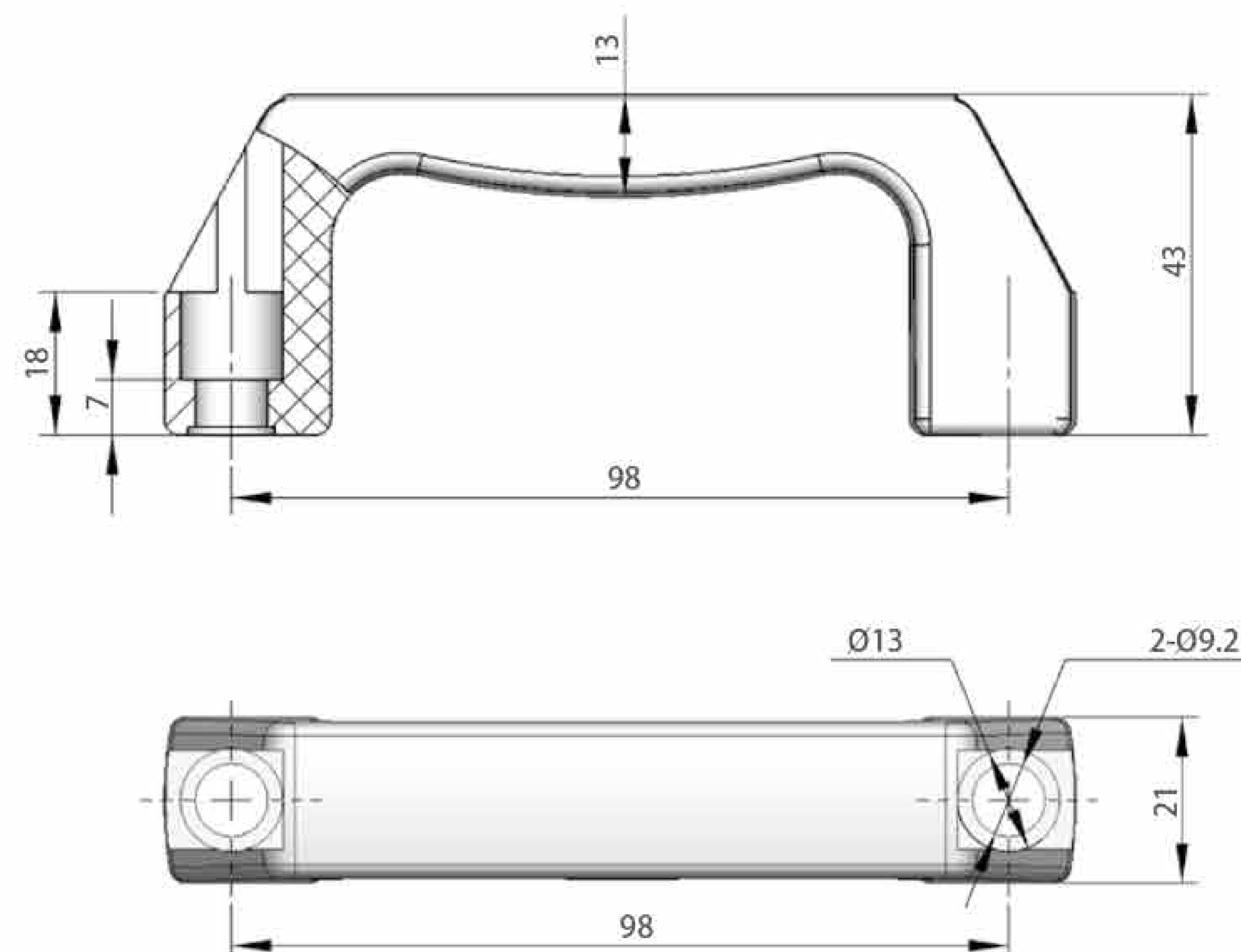
MH300-2005



Main material and finish: Black ABS

Performance parameter:

Maximum static load: 980N



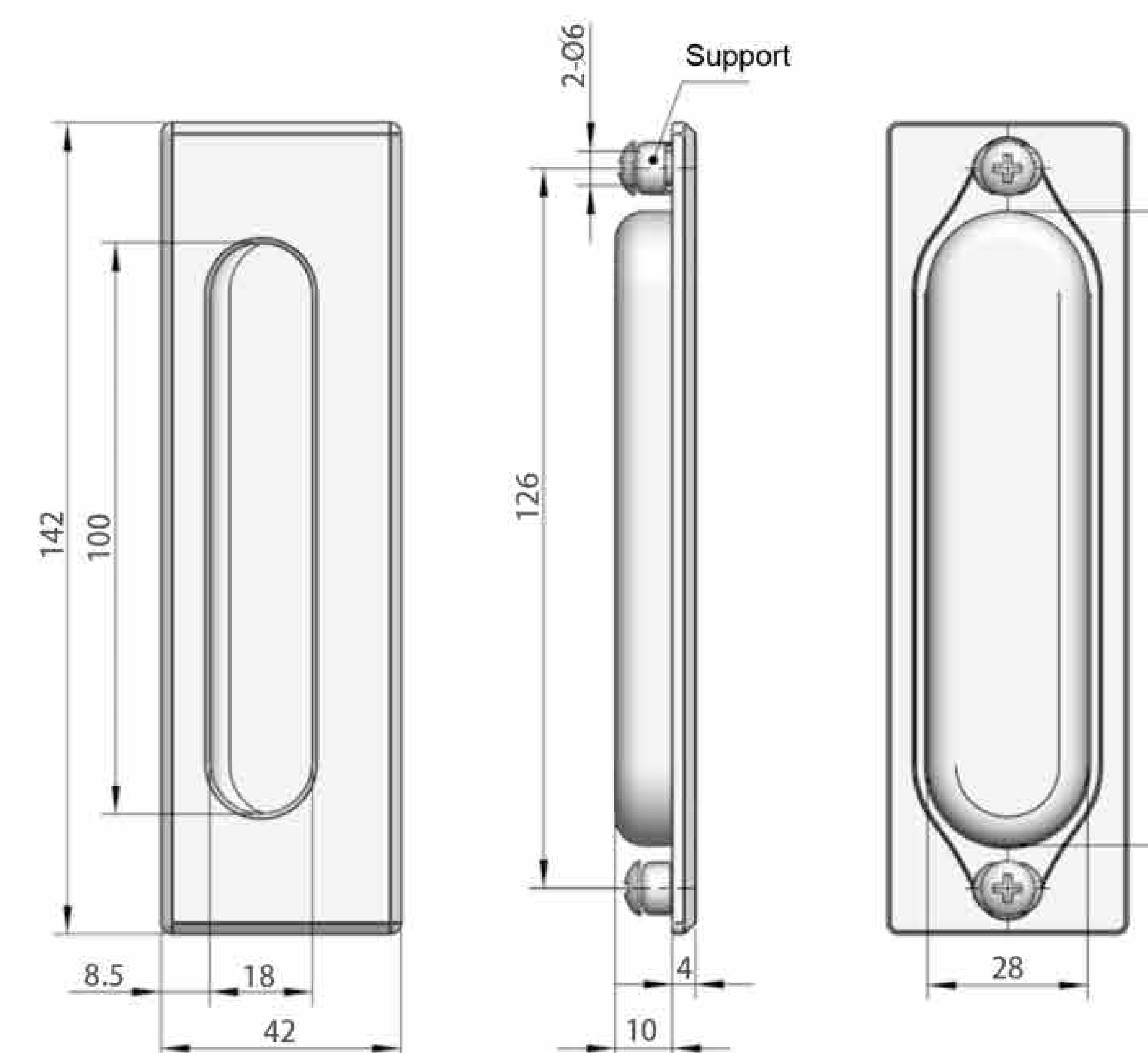
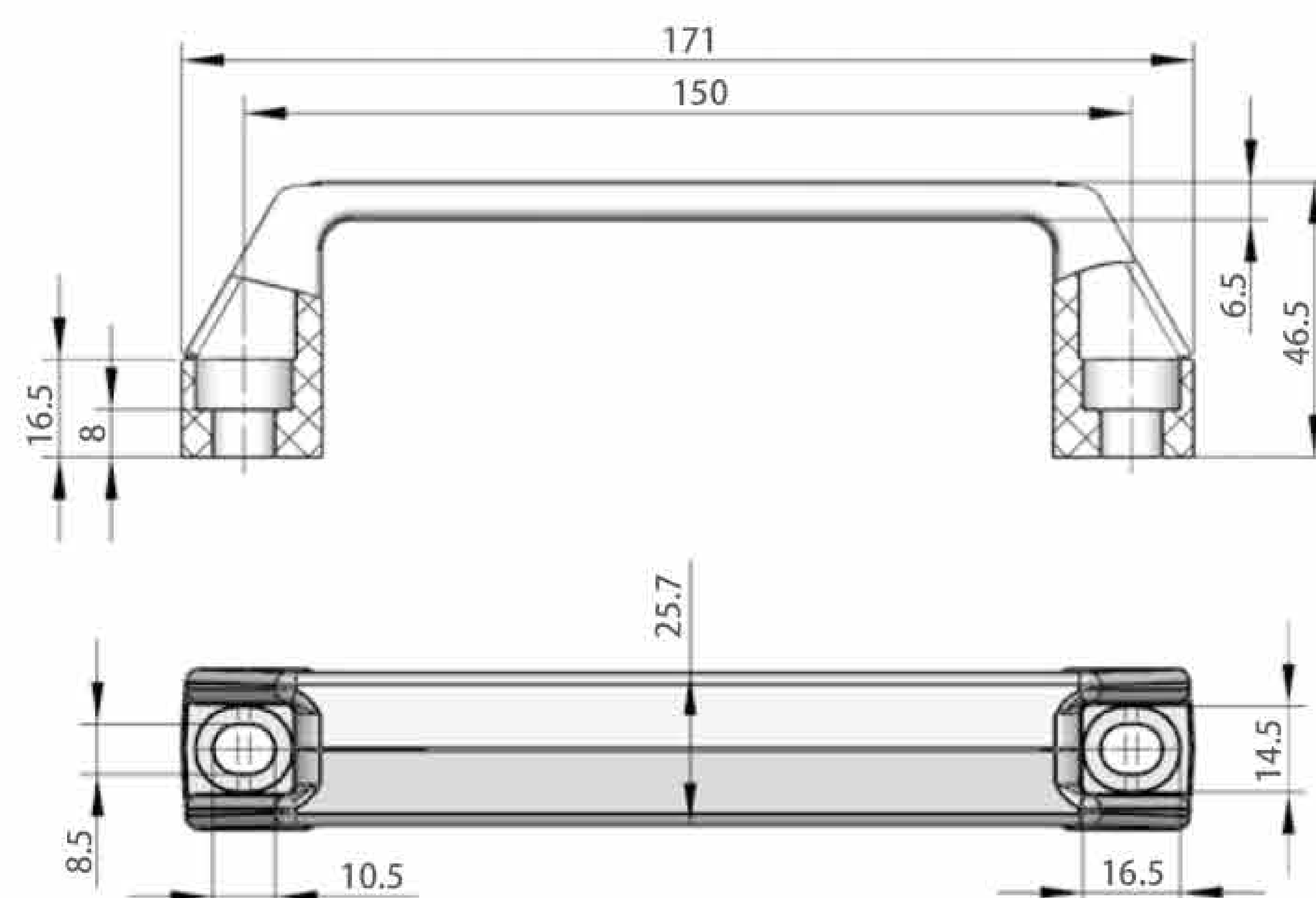
MH300-2006



Main material and finish: Black PA

Performance parameter:

Maximum static load: 800N



MH300-3001



Main material and finish: Black ABS

Performance parameter:

Maximum static load: 400N

MH300-3002



Main material and finish: Bright chrome plated ZDC

Performance parameter:

Maximum static load: 400N

Lock

Hinge

Draw Latch

Lock Accessories

Gasket

500

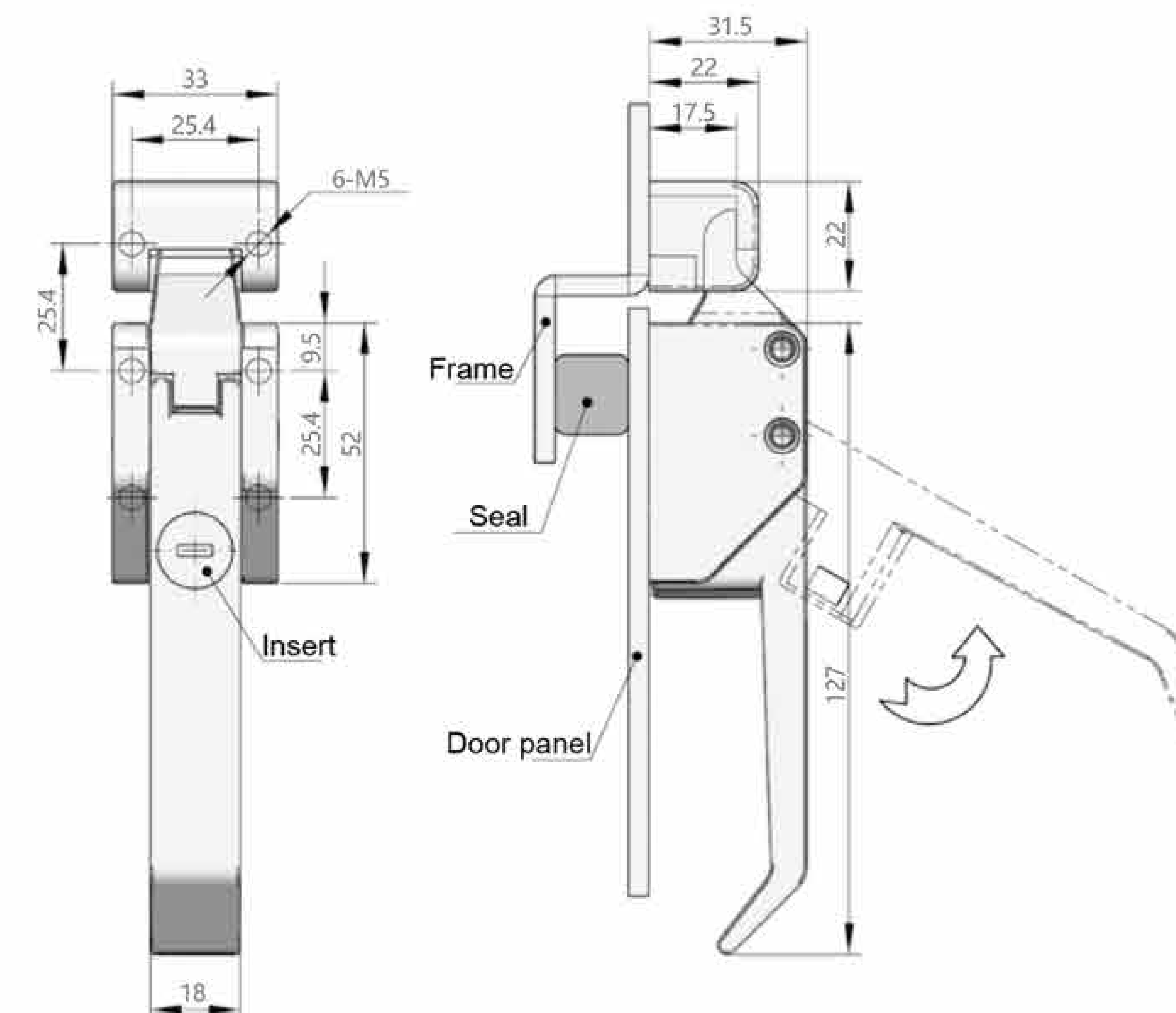
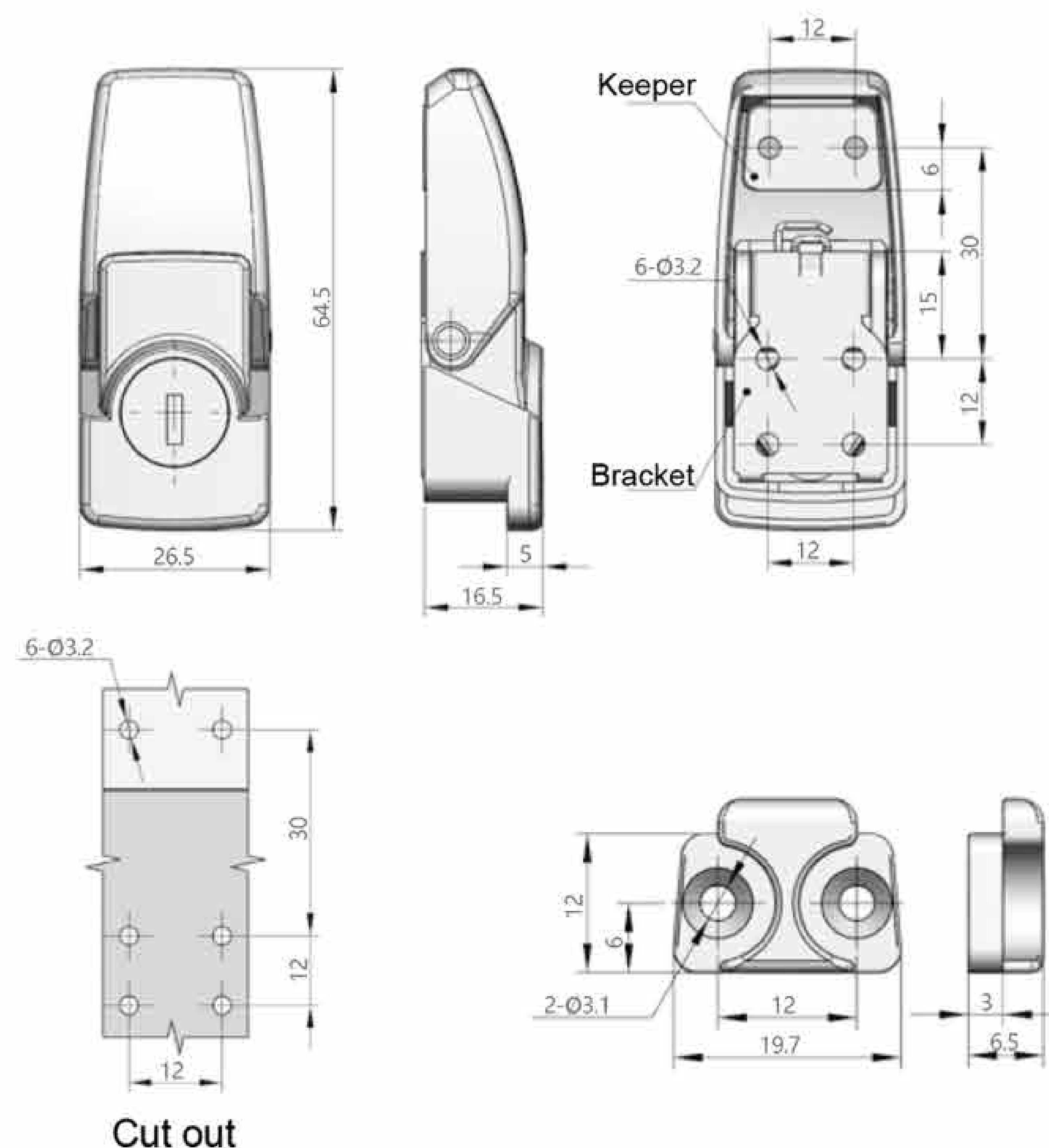
Draw Latch

MD400-1001



Main material and finish: ZDC housing
and keeper, stainless steel bracket
Remark: Key K080 for selection

Performance parameter:
Maximum static load: 610N



MD400-1003



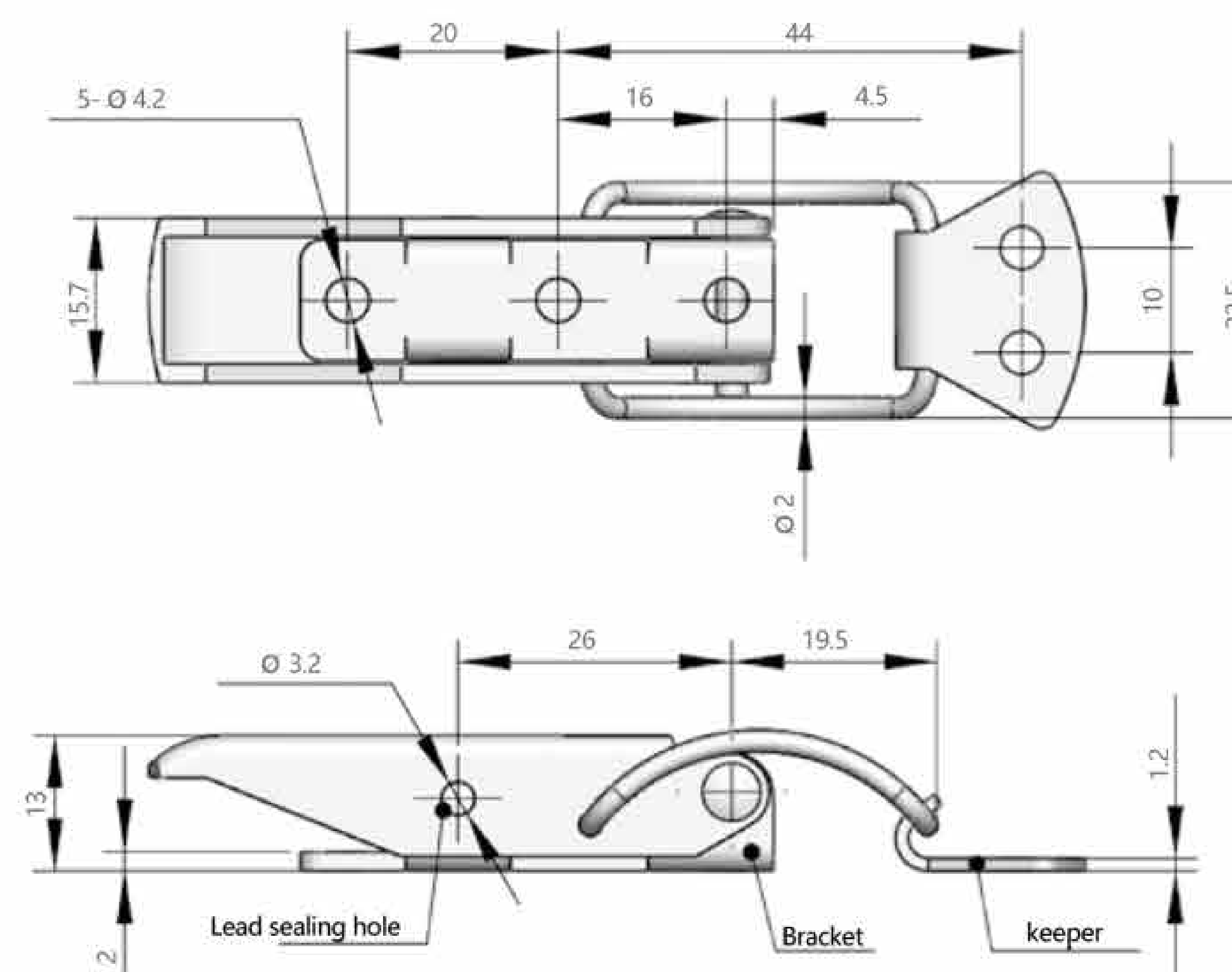
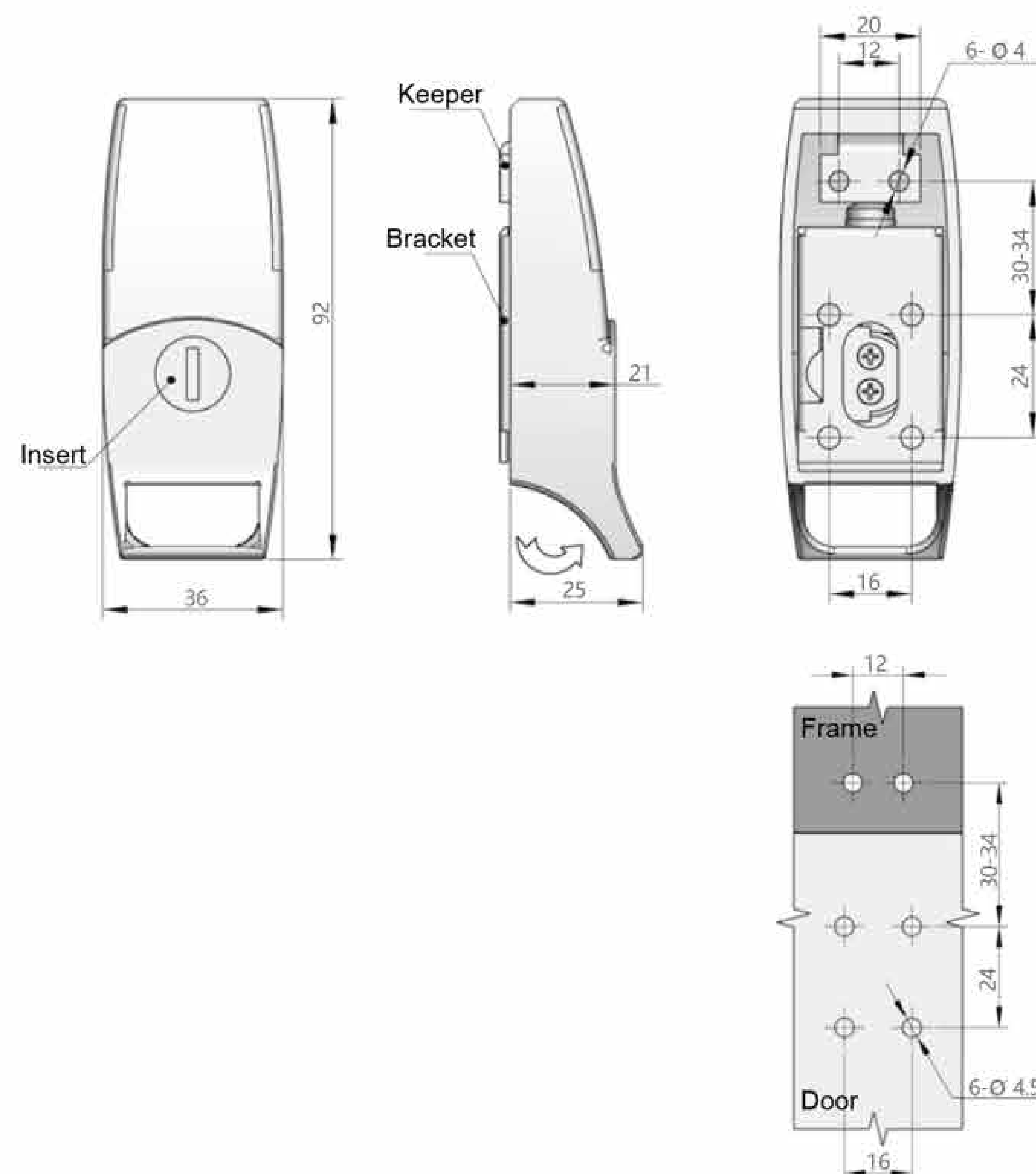
Performance parameter:
Maximum static load: 910N

MD400-1002



Main material and finish: Black powder coated ZDC housing, stainless steel bracket and keeper
Remark: Optional key K080

Performance parameter:
Maximum static load: 750N



MD400-1004



Main material and finish: Lapped finished stainless steel

Performance parameter:
Maximum static load: 320N

Lock

Hinge

Handle

Draw Latch

Door Stop

Slide

Lock Accessories

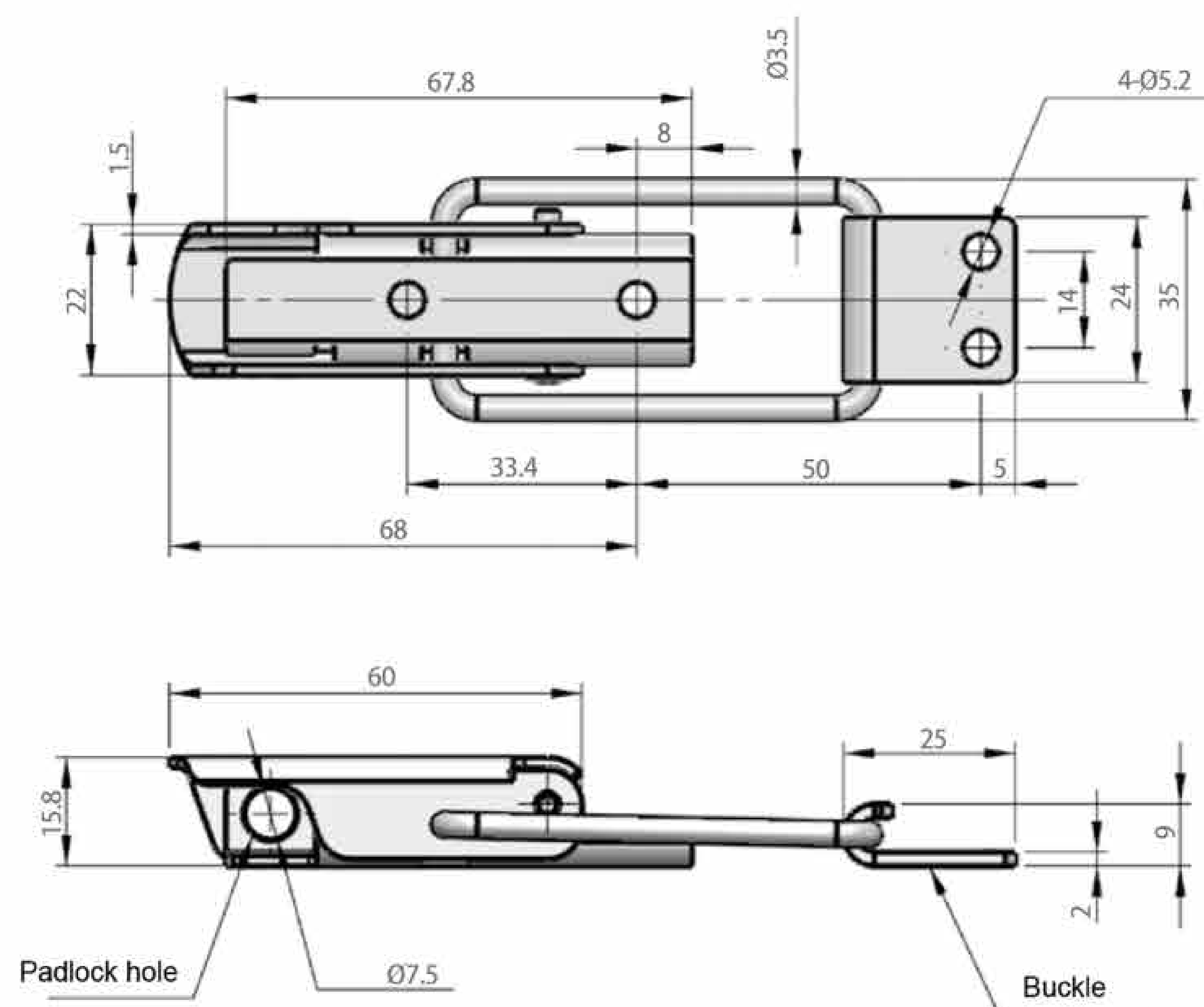
Gasket

MD400-1005



Main material and finish: Stainless steel
Finish : Grinding and polishing
Structure : Padlock version is available

Performance parameter:
Maximum static load: 750N

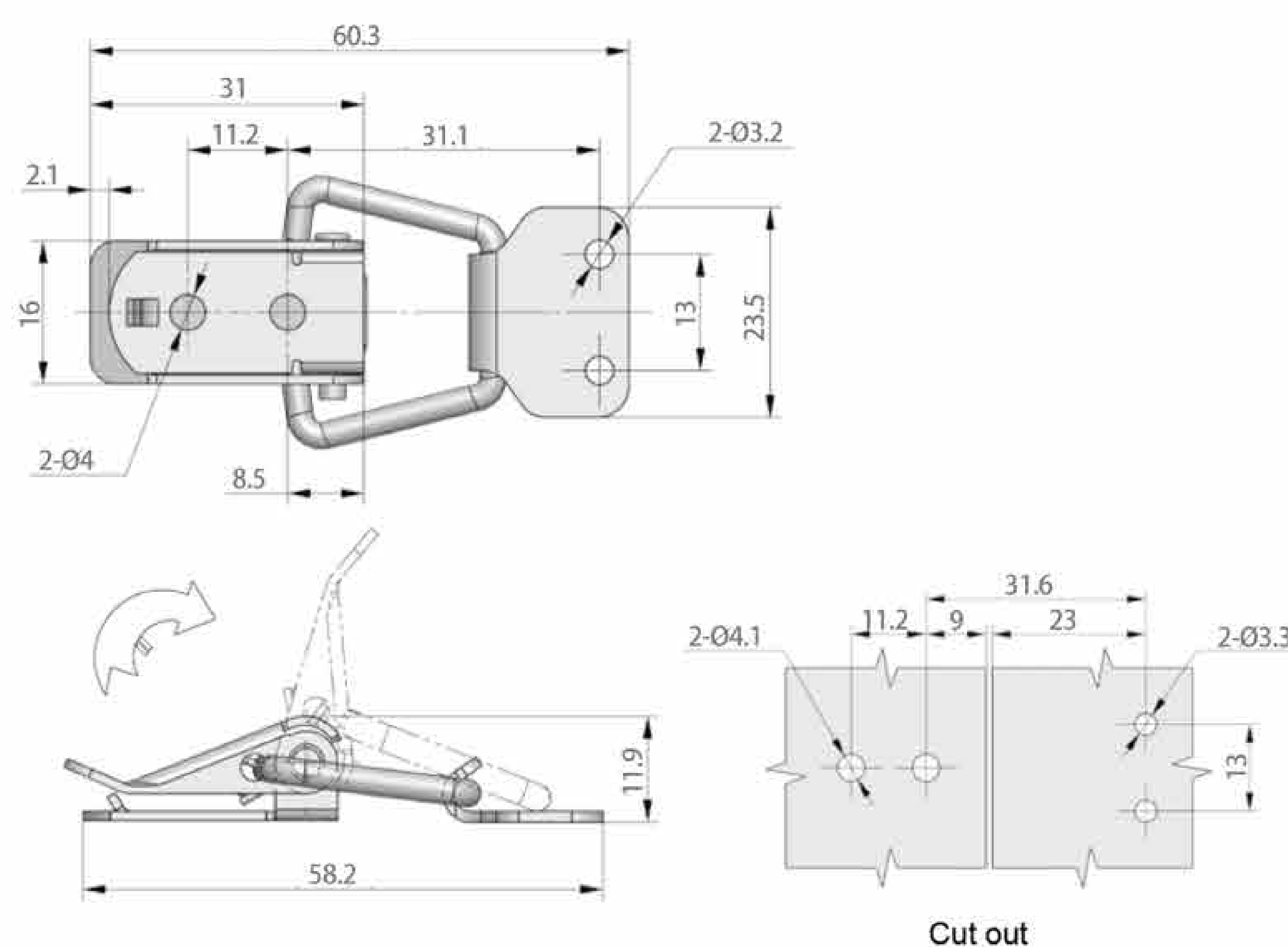


MD400-1006



Main material and finish: Mirror polishing cover with plastic SUS304 body

Performance parameter:
Maximum static load: 180N

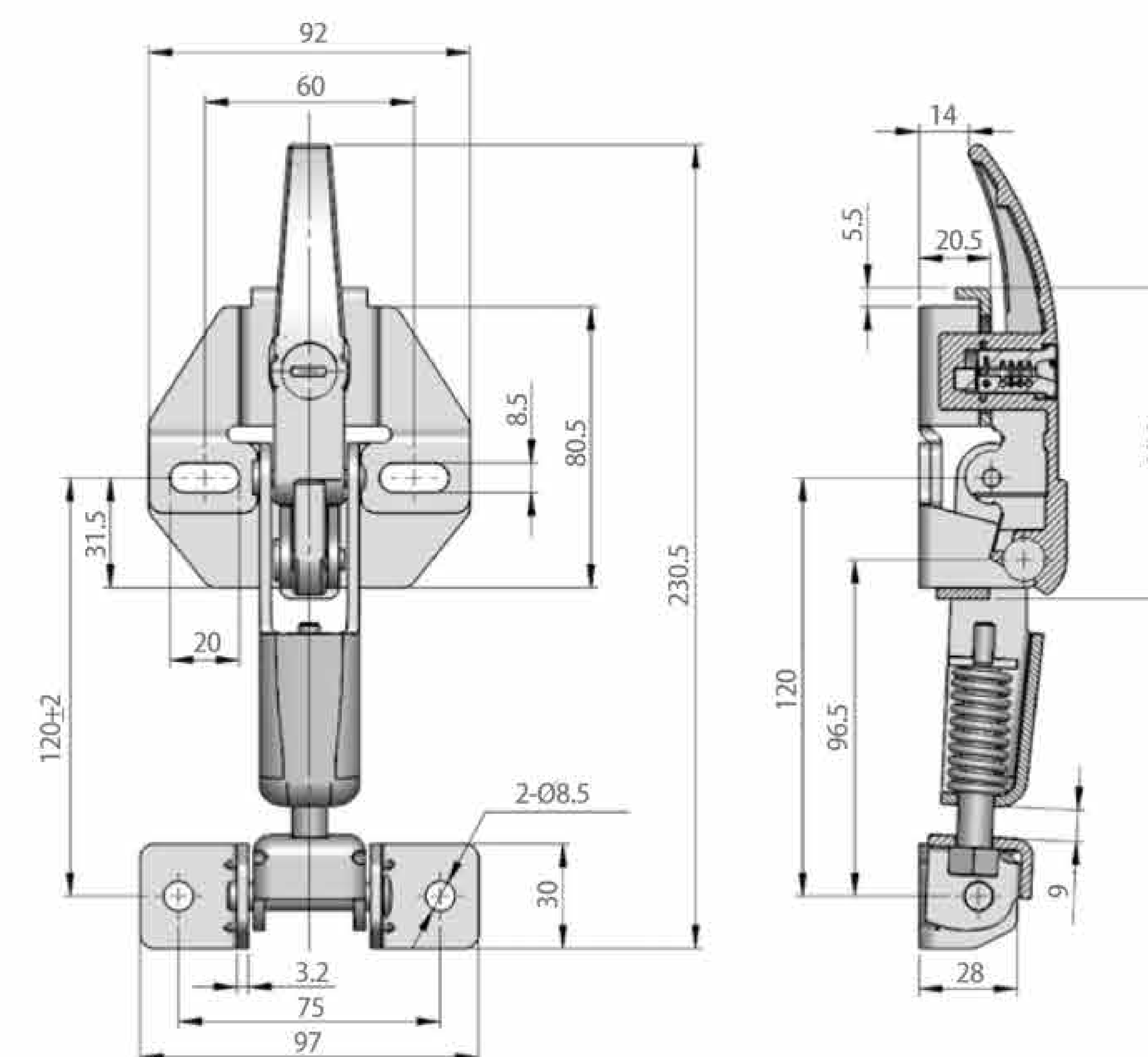


MD400-1008-1



Main material and finish: White zinc plated steel toggle, passivated ZDC handle
Product applications as picture show

Maximum static load: 1500N

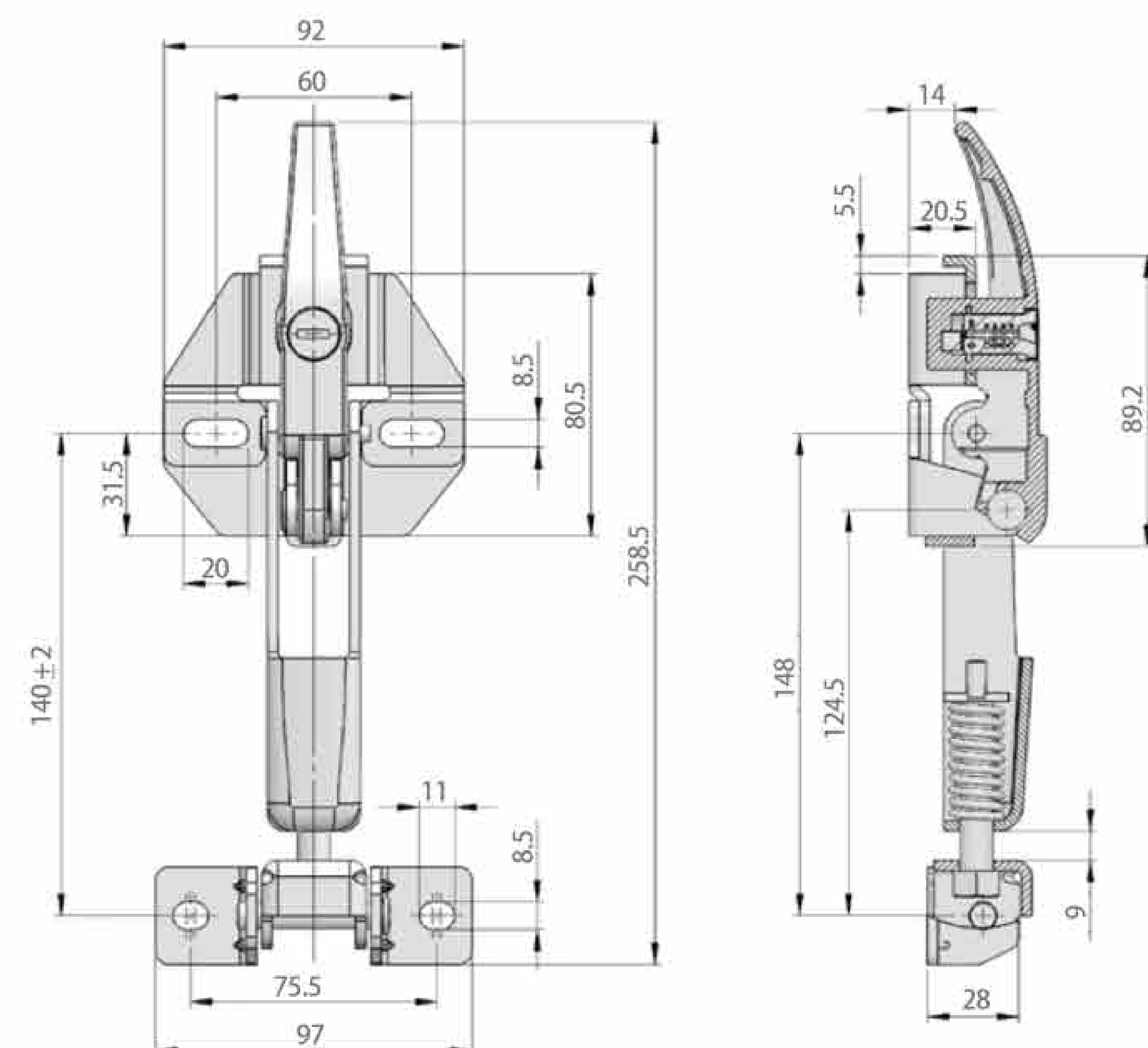


MD400-1008-2



Main material and finish: White zinc plated steel toggle, passivated ZDC handle
Product applications as picture show

Maximum static load: 1500N



Lock

Hinge

Handle

Draw Latch

Door Stop

Slide

Lock Accessories

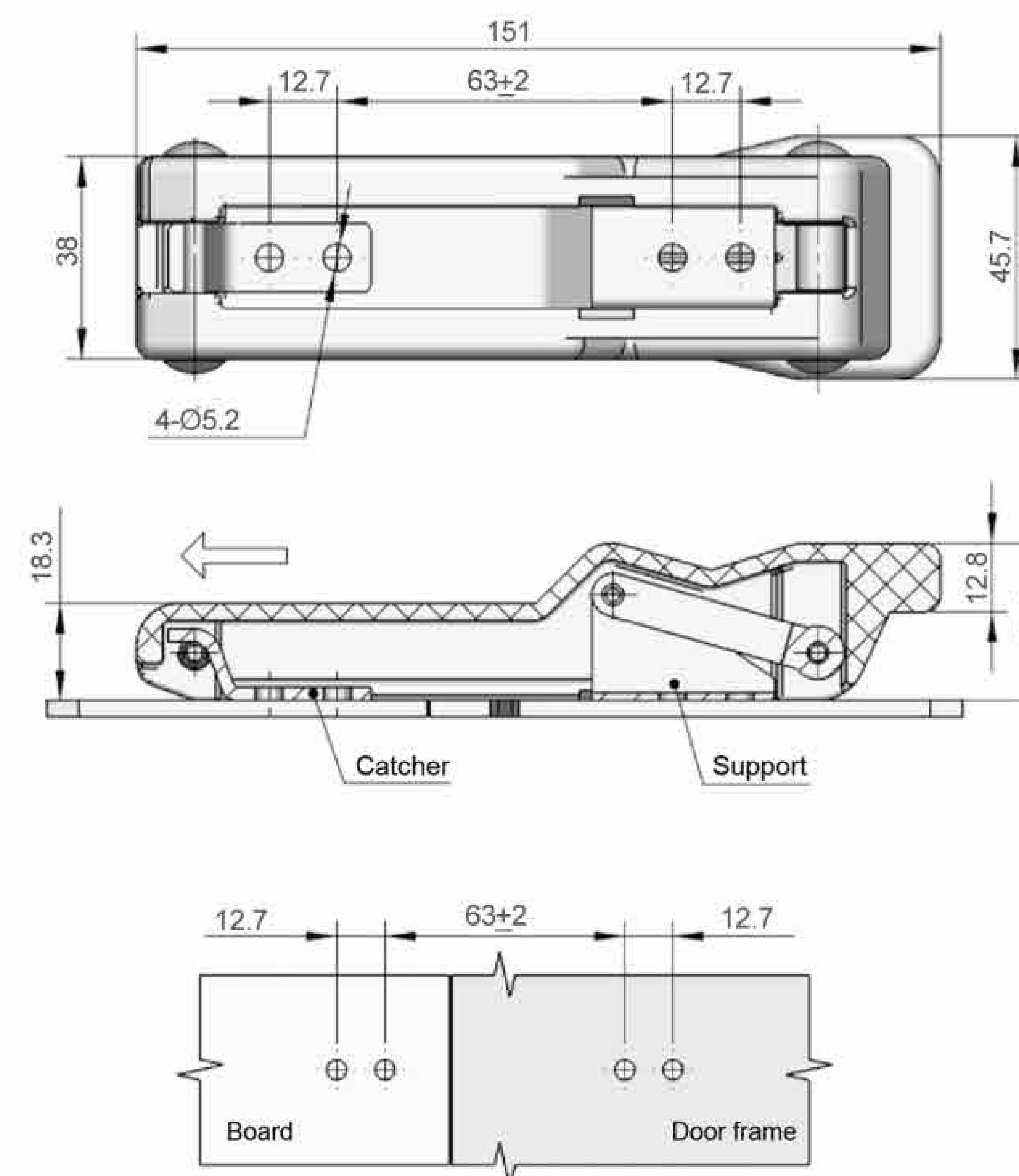
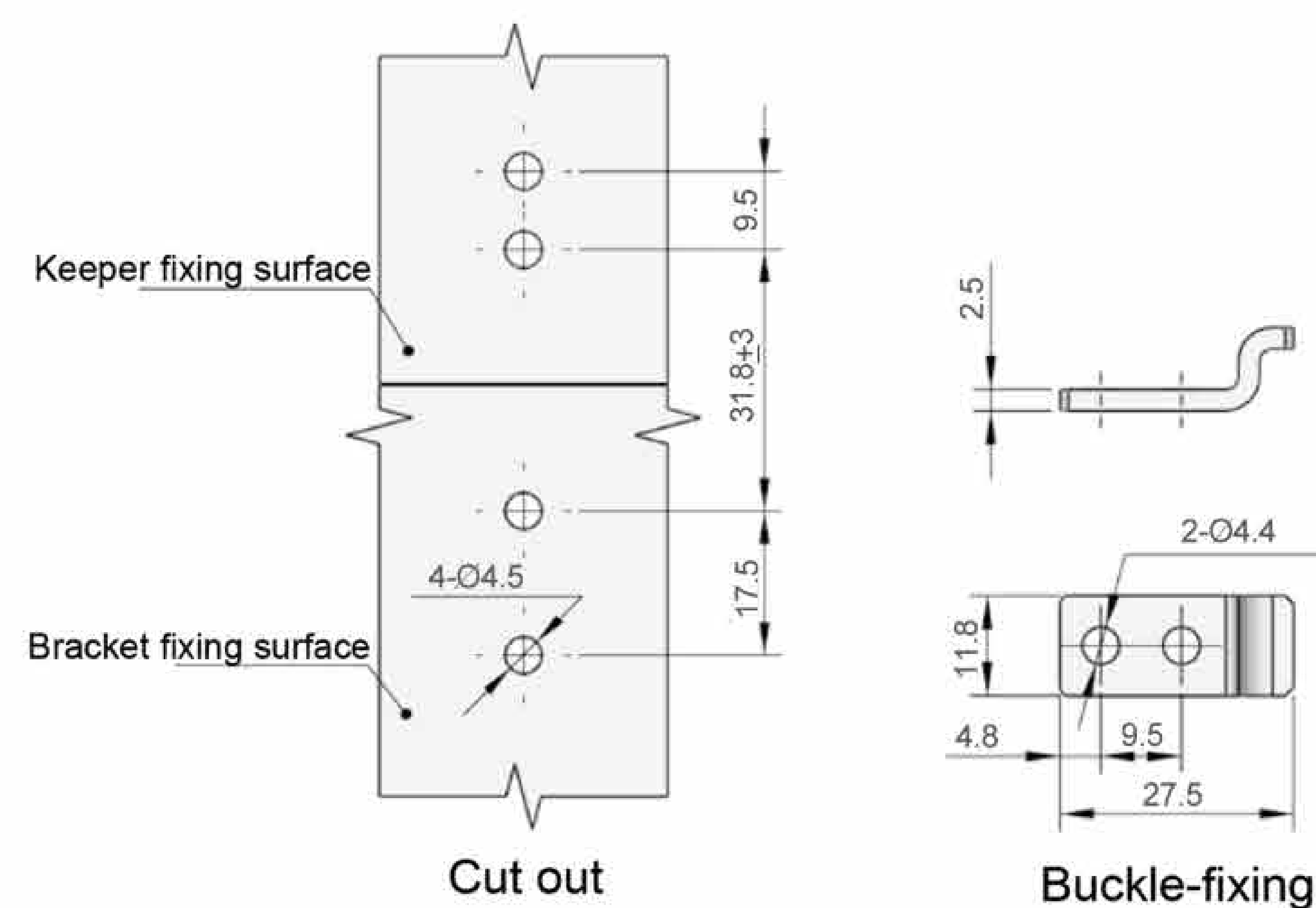
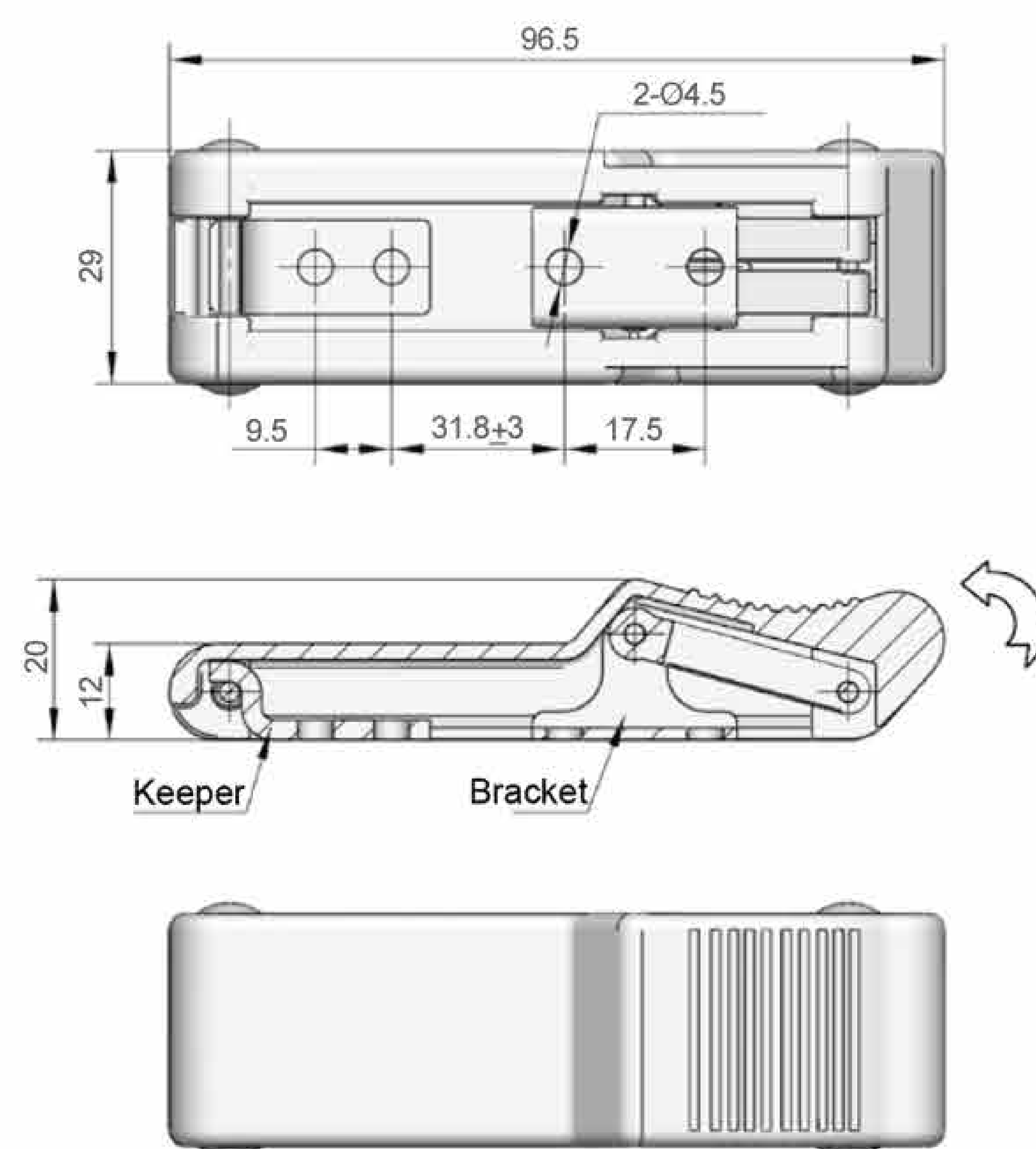
Gasket

MD400-2001-1

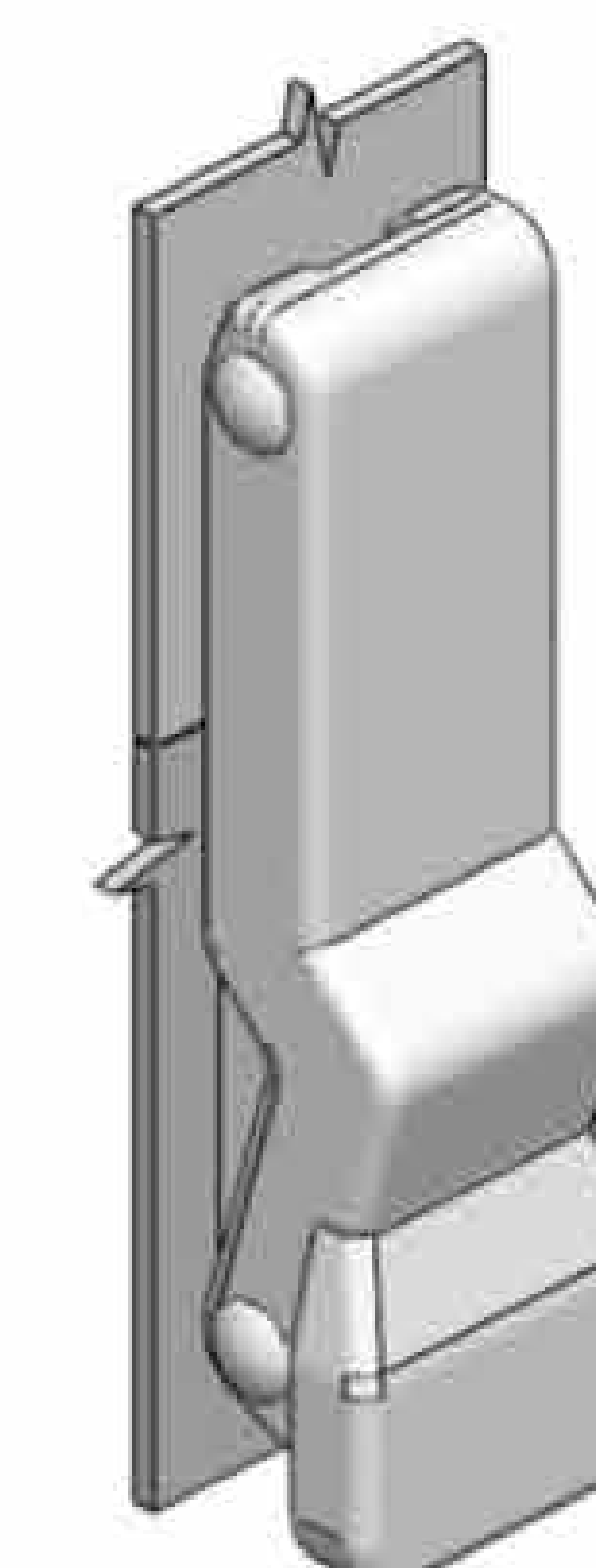
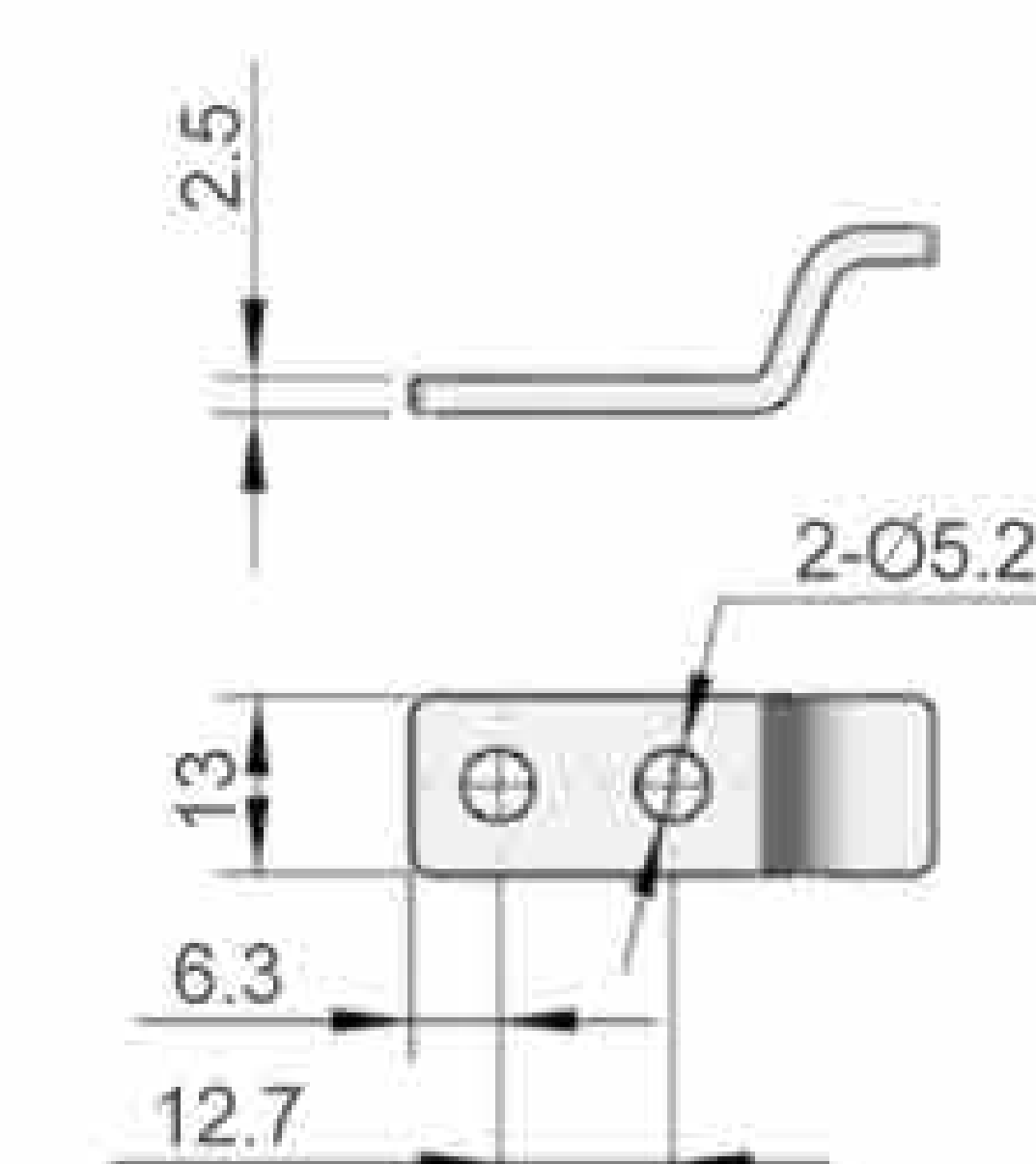


Main material and finish: Black rubber handle, stainless steel keeper and bracket

Performance parameter:
Maximum static load: 45N



Catcher



MD400-2001-2



Main material and finish: Black rubber handle, stainless steel support and catcher

Performance parameter:
Maximum static load: 65N

Lock

Hinge

Handle

Draw Latch

Door Stop

Slide

Lock Accessories

Gasket

Lock

Hinge

Handle

Draw Latch

Door Stop

Slide

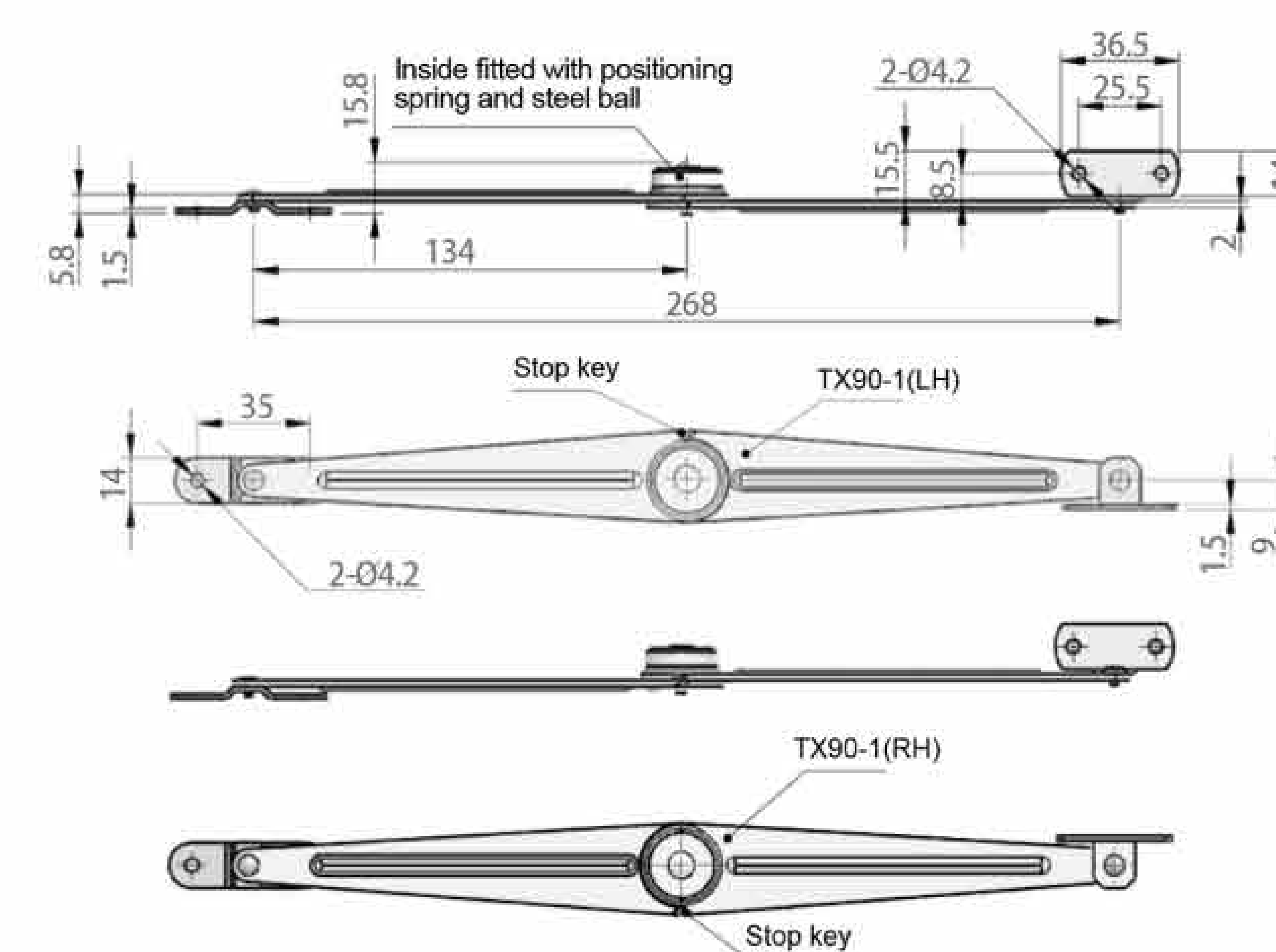
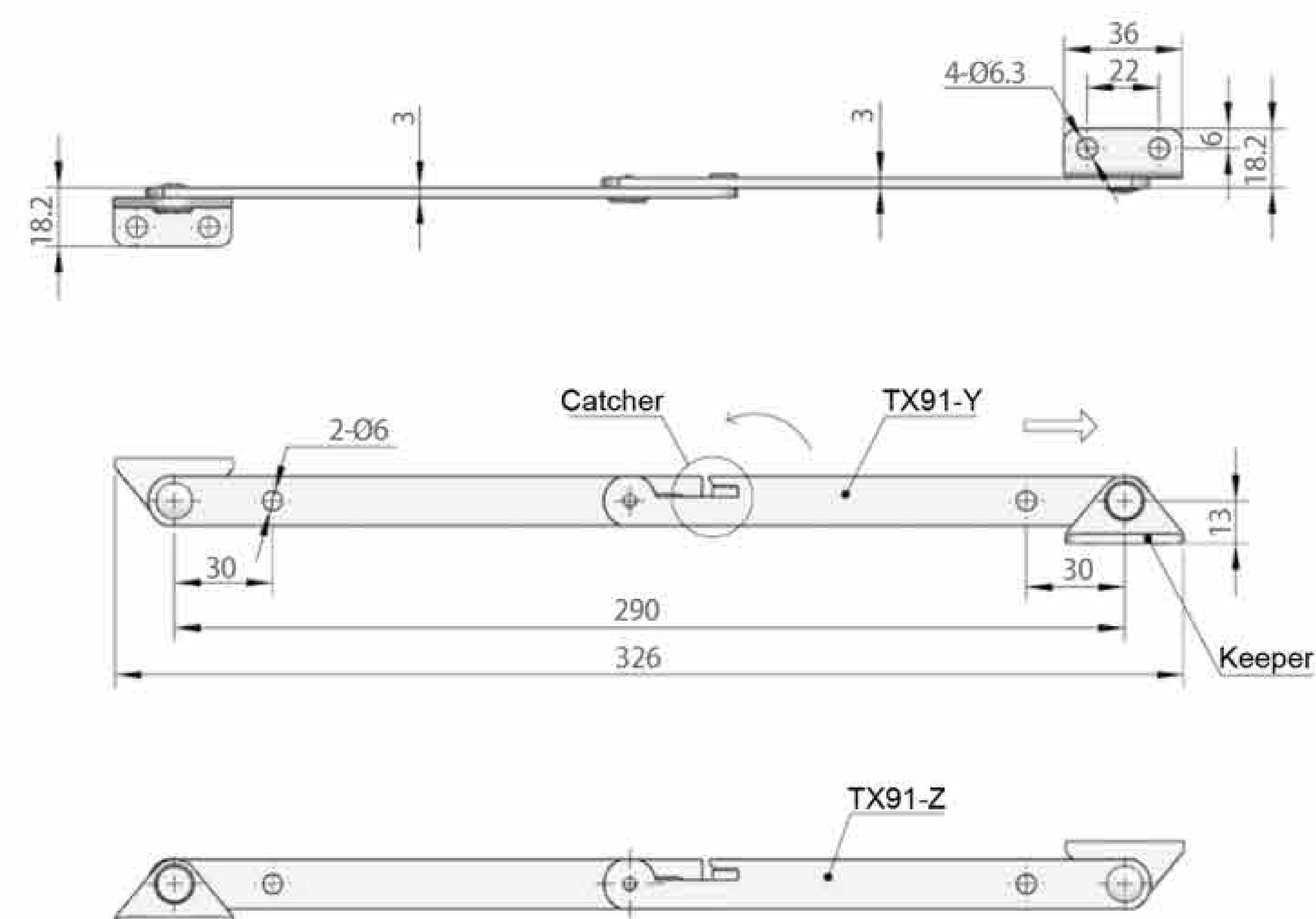
Lock Accessories

Gasket

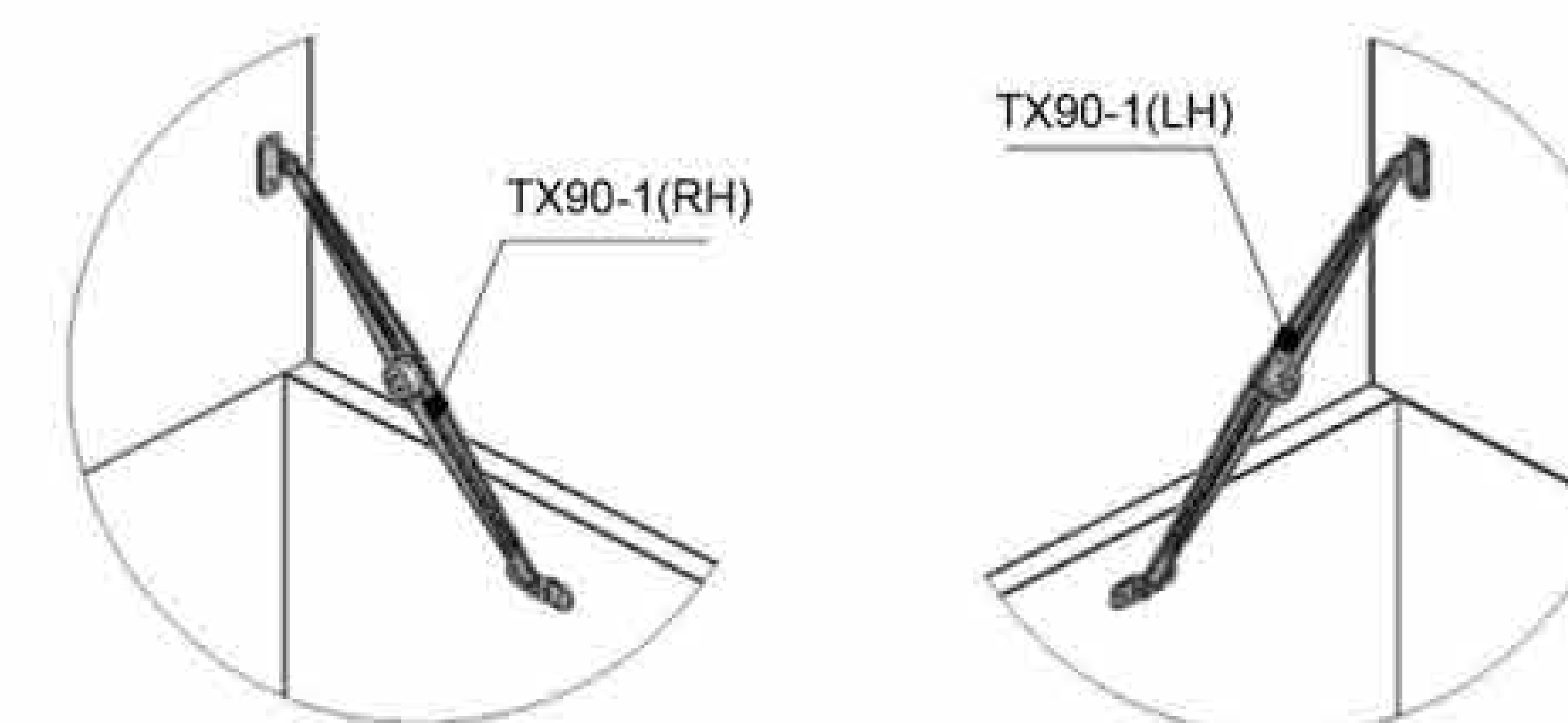
MT500-1001



Main material and finish: Bright chrome plated steel



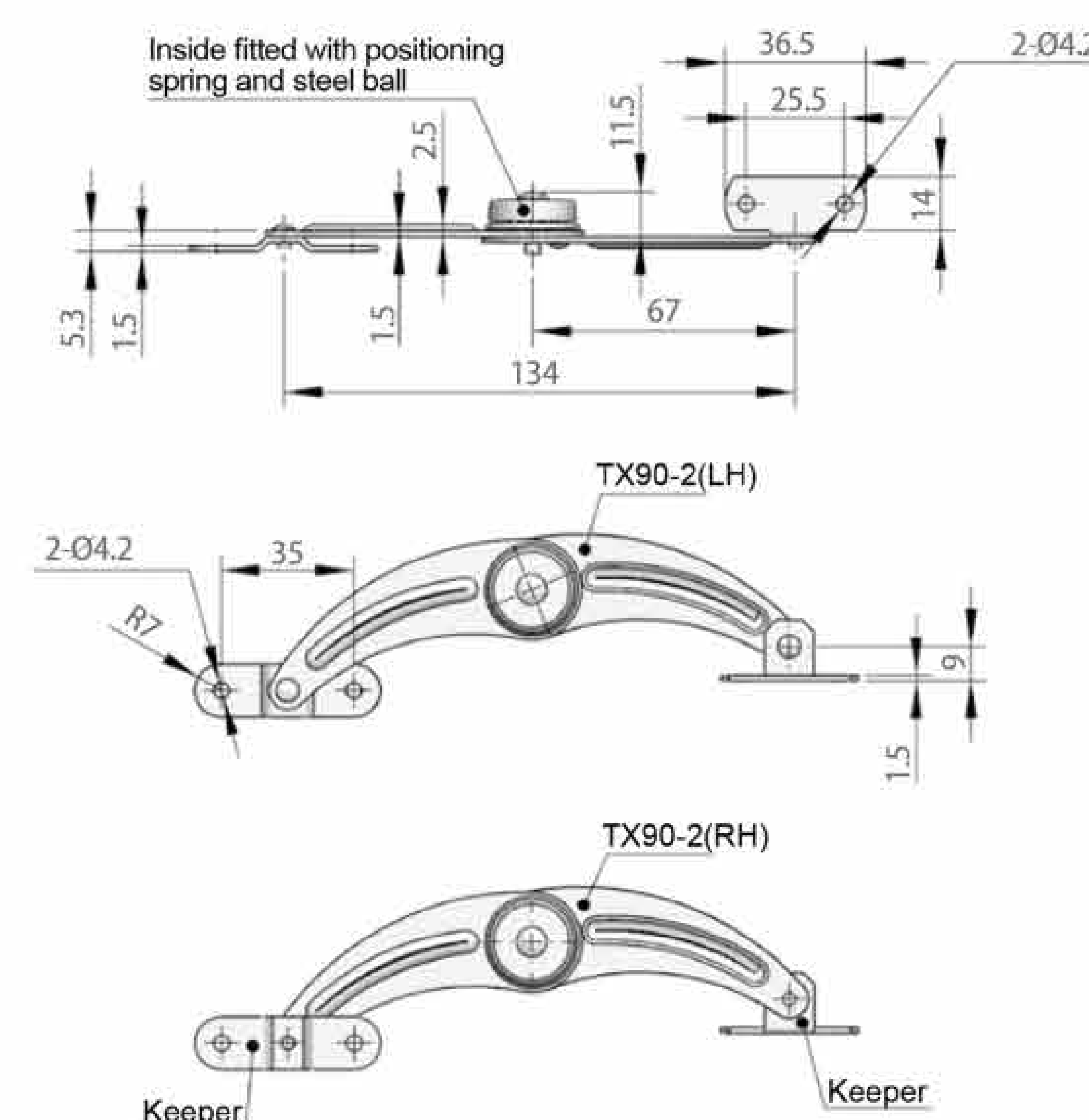
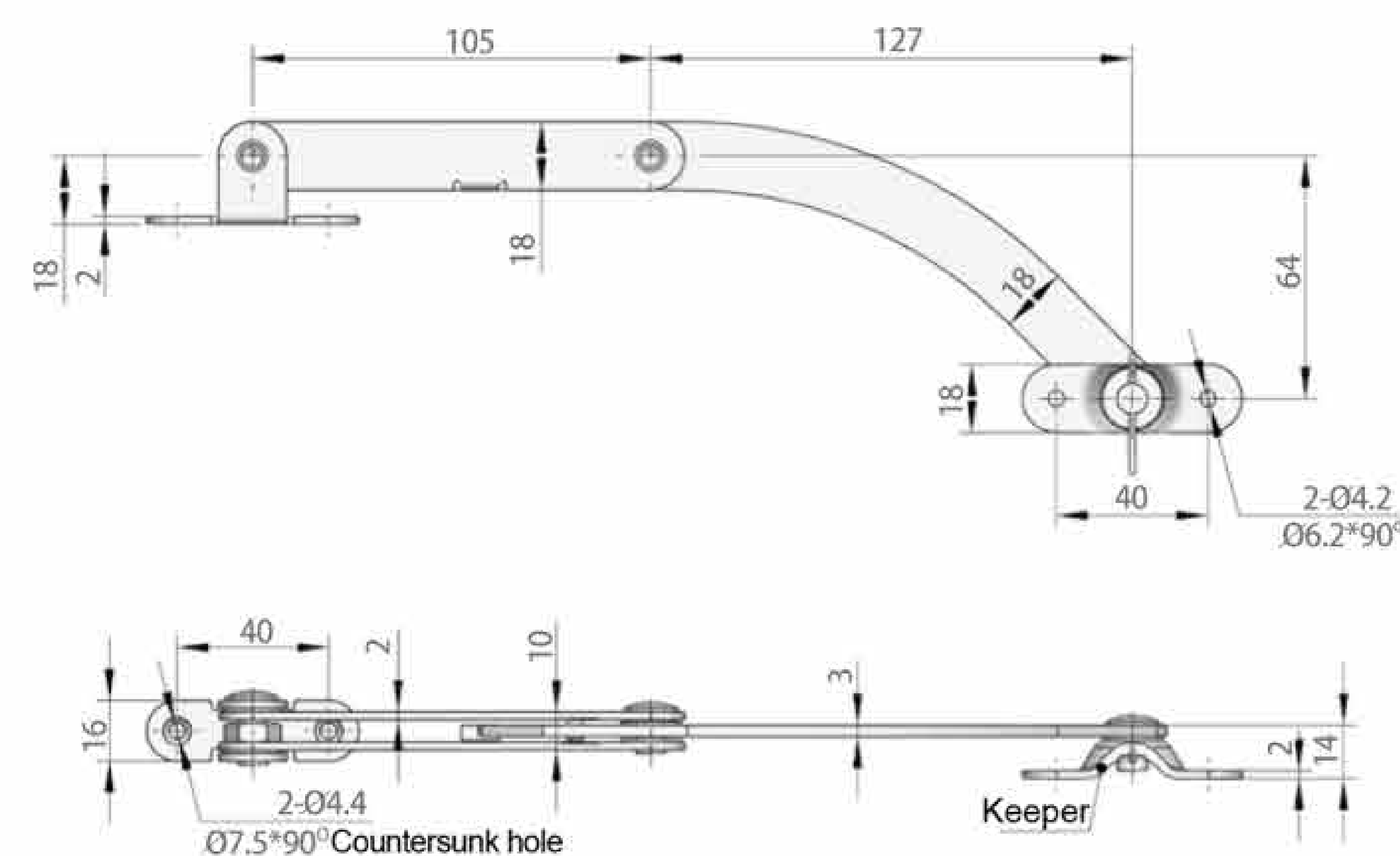
Example of application



MT500-1002



Main material and finish: Bright chrome plated steel



MT500-1003



Main material and finish: Bright chrome plated steel

MT500-1004



Main material and finish: Bright chrome plated steel

Lock

Hinge

Handle

Draw Latch

Door Stop

Slide

Lock Accessories

Gasket

Lock

Hinge

Handle

Draw Latch

Door Stop

Slide

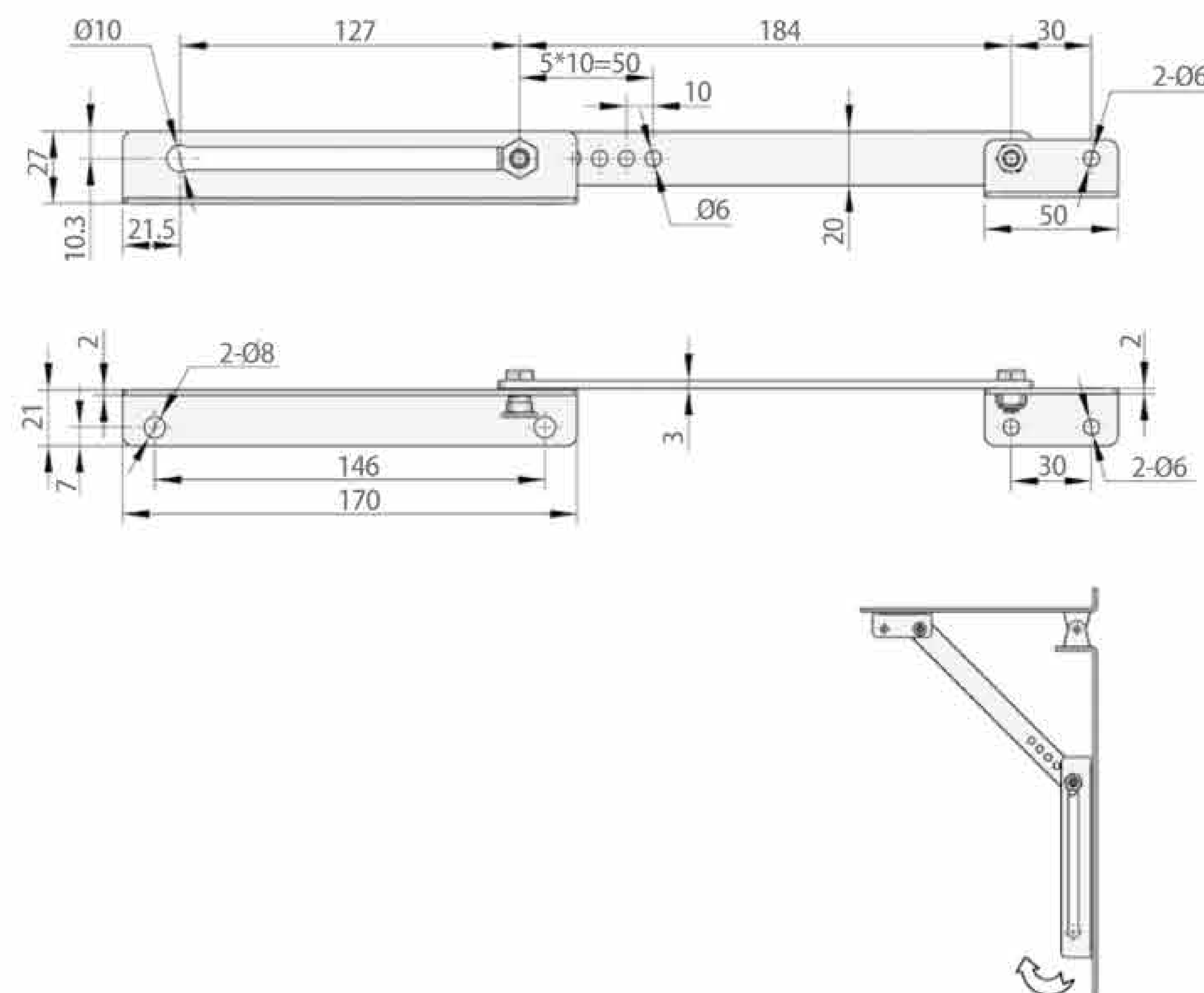
Lock Accessories

Gasket

MT500-1005



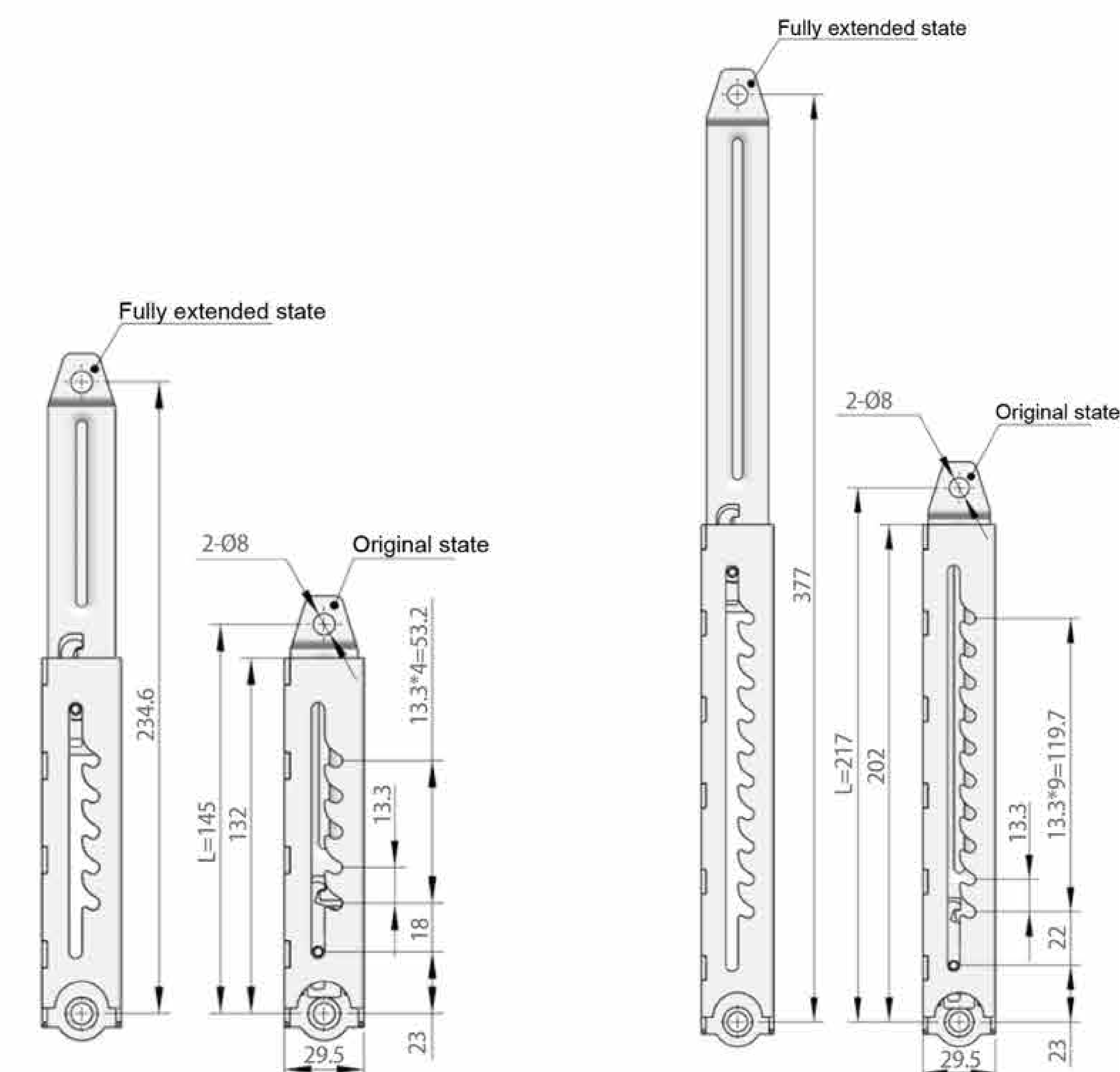
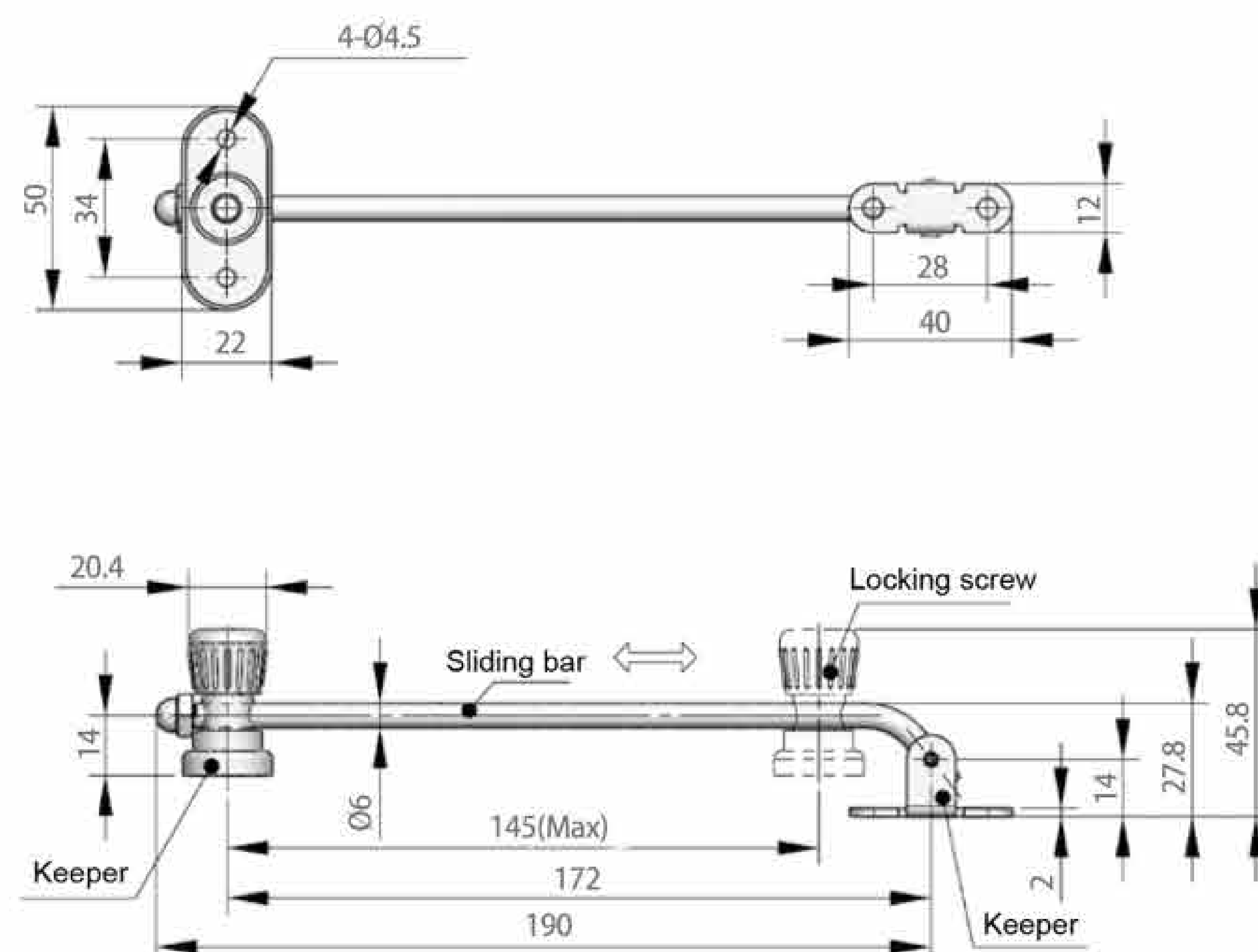
Main material: Stainless steel



MT500-1006



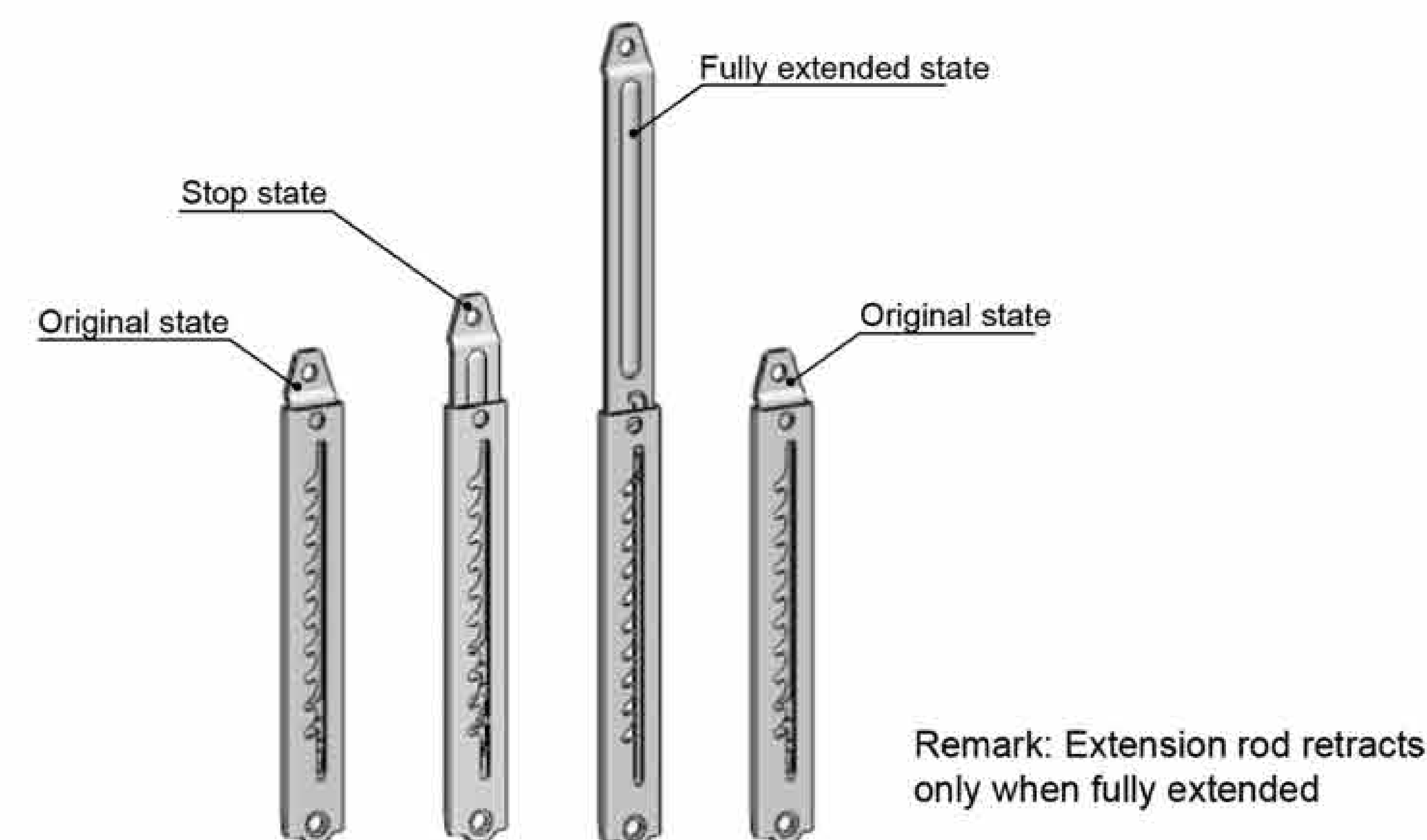
Main material and finish: Bright chrome plated steel body, bright chrome plated steel body, locking screw and ZDC knob



MT500-1007-1

MT500-1007-2

Different states of telescopic cover stay



Remark: Extension rod retracts only when fully extended

MT500-1007-2

MT500-1007-1



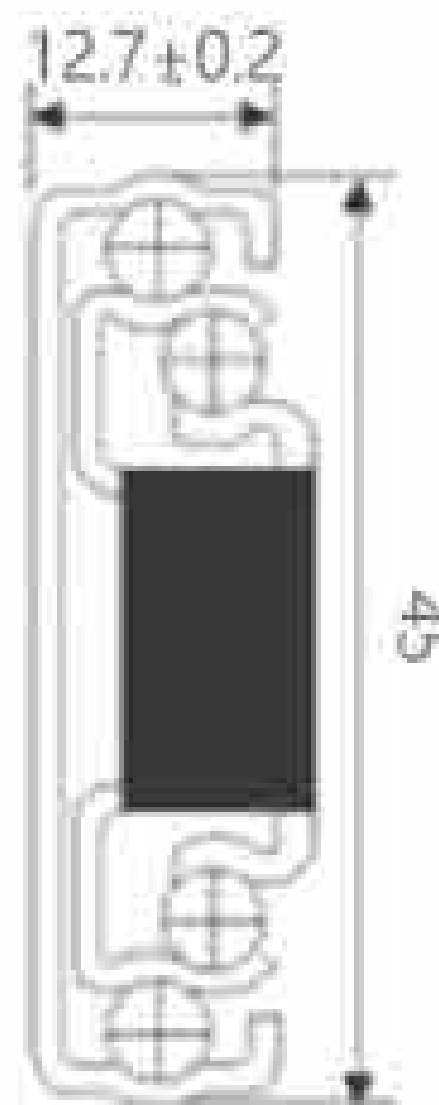
Main material and finish: Zinc plated steel

Application: Automatic multiple stops and release in the end position

MS600-4502

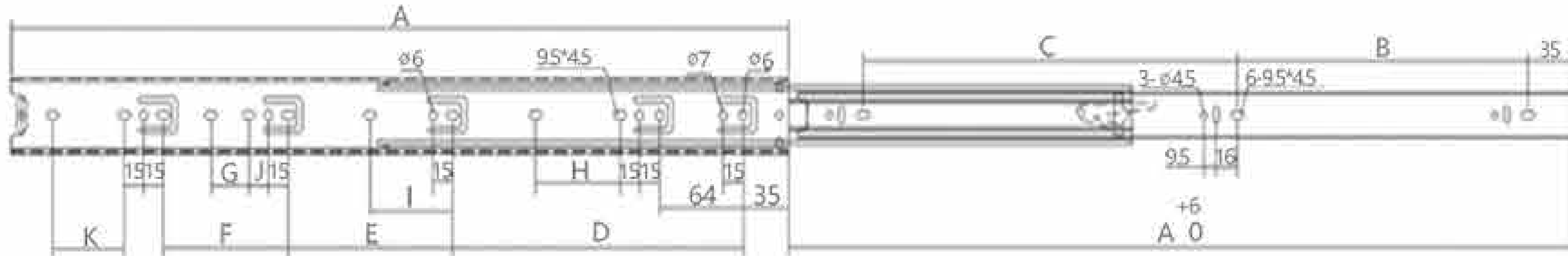
3 Fold bal bearing slide

- Width: 45mm
- Material: cold-rolled steel
- Length: 250-900mm (10"-36")
- Thickness: 12.7±0.2mm
- Maximum load: 20kg-45kg
- The installed forms: drawer side
- Surface treatment: electrophoresis black, electro-galvanized
- Scope: Cabinet/Home furniture/Office furniture/Decoration project etc



Thickness Range

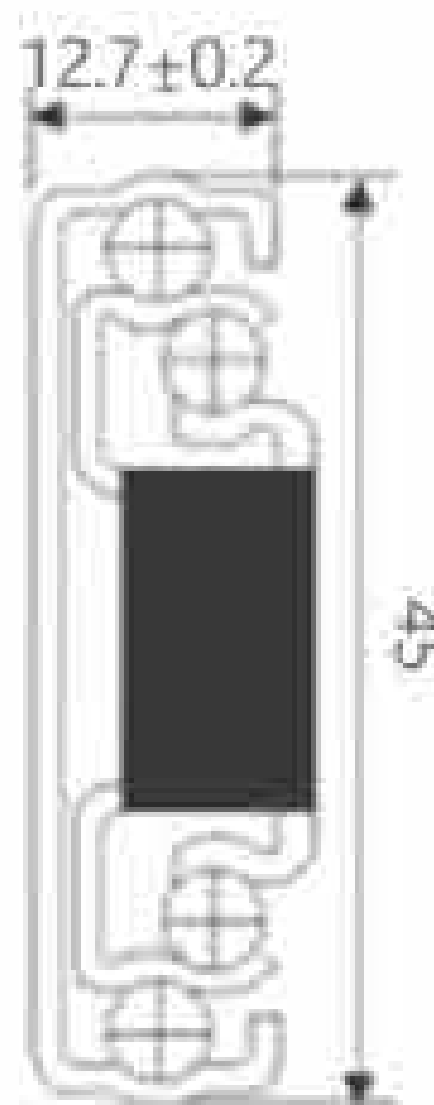
- 1、1.2X1.2X1.4mm 2、1.1X1.2X1.4mm 3、1.0X1.0X1.2mm
4、1.0X1.0X1.0mm 5、0.9X0.9X1.0mm 6、0.9X0.9X0.9mm



SIZE	A	B	C	D	E	F
MS600-4502-250	250	-	-	247	64	96
MS600-4502-300	300	-	-	297	96	128
MS600-4502-350	350	64	-	347	96	160
MS600-4502-400	400	96	-	397	128	192
MS600-4502-450	450	96	64	447	128	224
MS600-4502-500	500	128	64	497	160	256
MS600-4502-550	550	192	64	547	224	224
MS600-4502-600	600	224	64	597	224	288
MS600-4502-650	650	256	64	647	320	256
MS600-4502-700	700	320	64	697	288	288

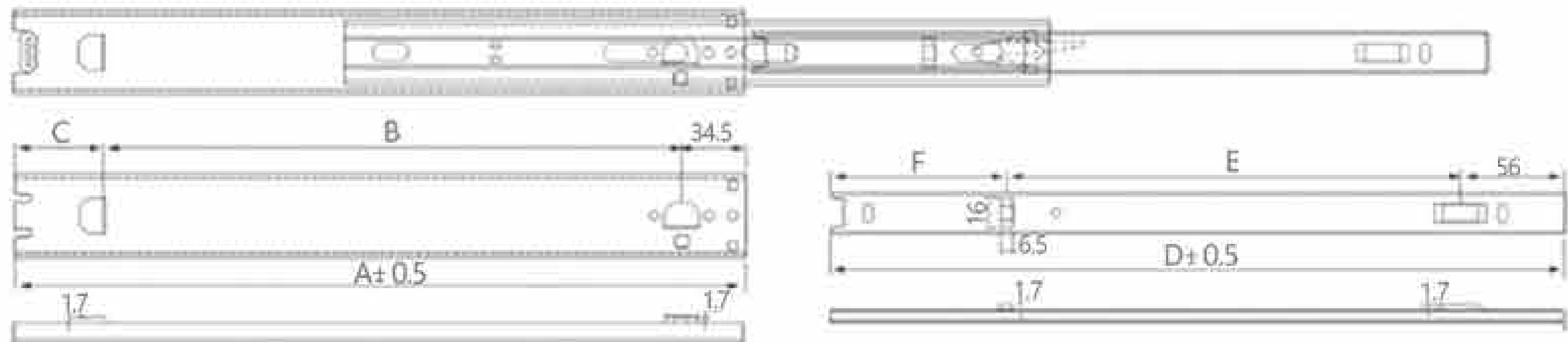
3 Fold soft closing ball bearing slide

- Width: 45mm
- Material: cold-rolled steel
- Length: 250-600mm (10"-24")
- Thickness: 12.7±0.2mm
- Maximum load: 45kg
- The installed forms: drawer side
- Surface treatment: electrophoresis black, electro-galvanized
- Scope: Cabinet/Home furniture/Office furniture/Decoration project etc



Thickness Range

- 1、1.2X1.2X1.4mm 2、1.1X1.2X1.4mm



SIZE	A	B	C	D	E	F
MS600-4506-250	250	164.5	50	247	96	95
MS600-4506-300	300	214.5	50	297	146	95
MS600-4506-350	350	264.5	50	347	196	95
MS600-4506-400	400	314.5	50	397	246	95
MS600-4506-450	450	364.5	50	447	296	95
MS600-4506-500	500	414.5	50	497	346	95
MS600-4506-550	550	464.5	50	547	396	95
MS600-4506-600	600	514.5	50	597	446	95

MS600-4506

Lock

Hinge

Handle

Draw Latch

Door Stop

Slide

Lock Accessories

Gasket

Lock

Hinge

Handle

Draw Latch

Door Stop

Slide

Lock Accessories

Gasket

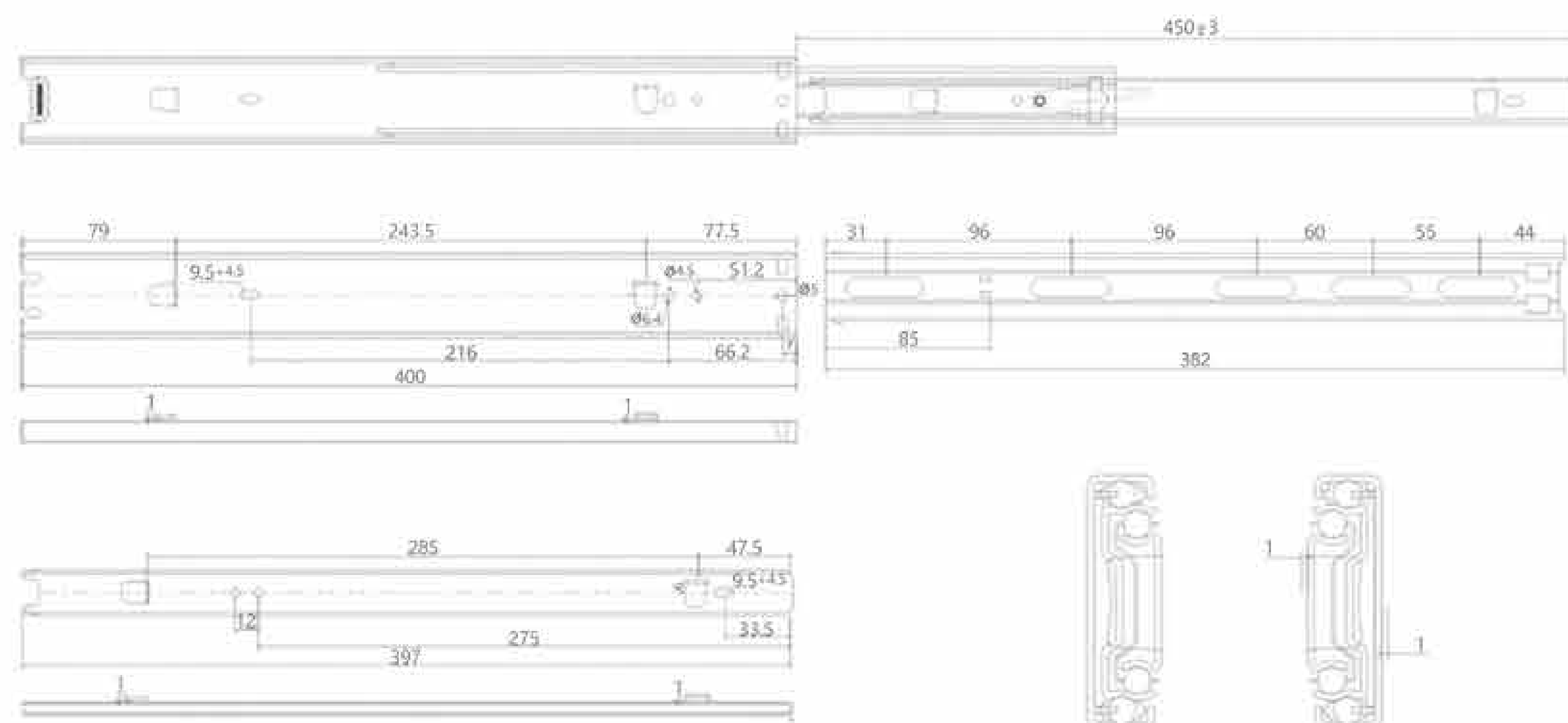
MS600-802PH

3 Fold cabinet ball bearing slide

-  Width: 45mm
-  Material: cold-rolled steel
-  Length: 300-600mm (12"-24")
-  Thickness: 12.7±0.2mm
-  Maximum load: 30kg-45kg
-  The installed forms: drawer side
-  Surface treatment: electrophoresis black, electro-galvanized
-  Scope: Work-box , steel cabinet

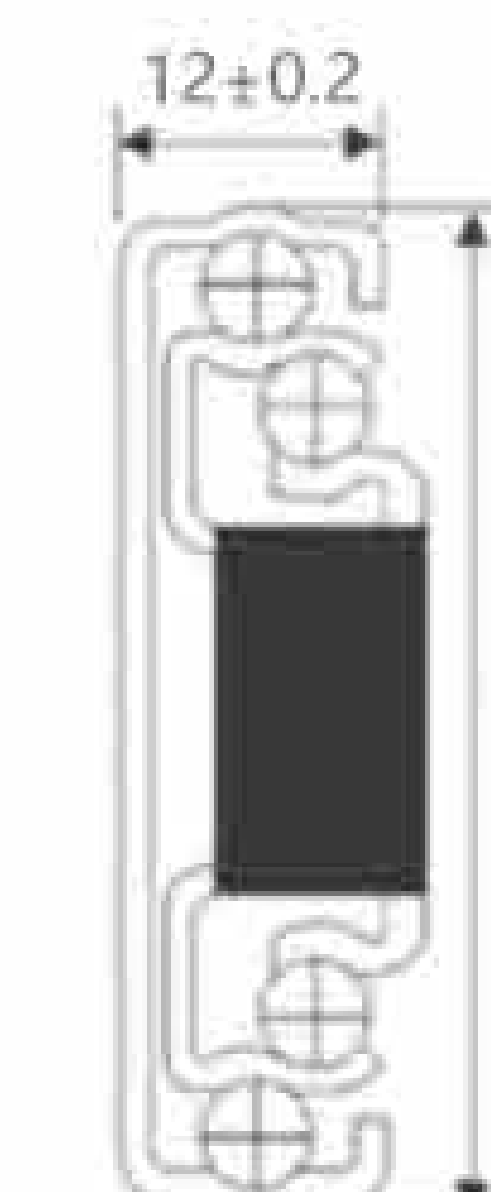
Thickness Range

1、1.2X1.2X1.4mm 2、1.1X1.2X1.4mm



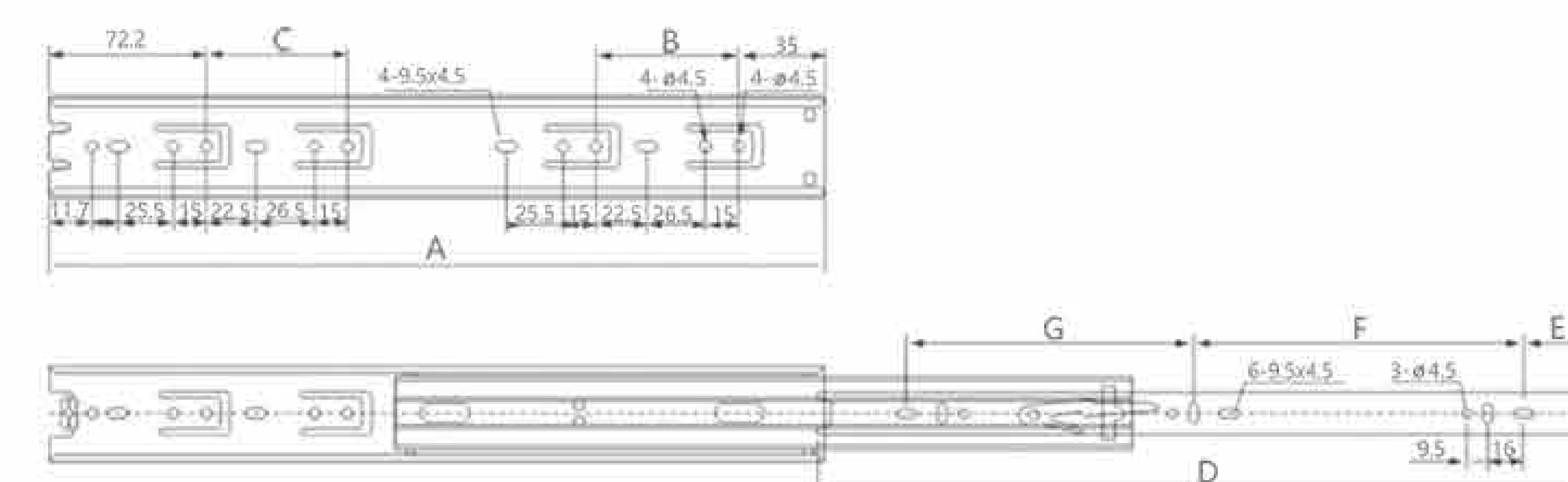
3 Fold ball bearing slide

-  Width: 32mm
 -  Material: cold-rolled steel/Galvanized material
 -  Length: 250-500mm (10"-20")
 -  Thickness: 12±0.2mm
 -  Maximum load: 12kg
 -  The installed forms: drawer side
 -  Surface treatment: electrophoresis black, electro-galvanized
 -  Scope: Cabinet/Home furniture/Office furniture/Decoration project etc



Thickness Range

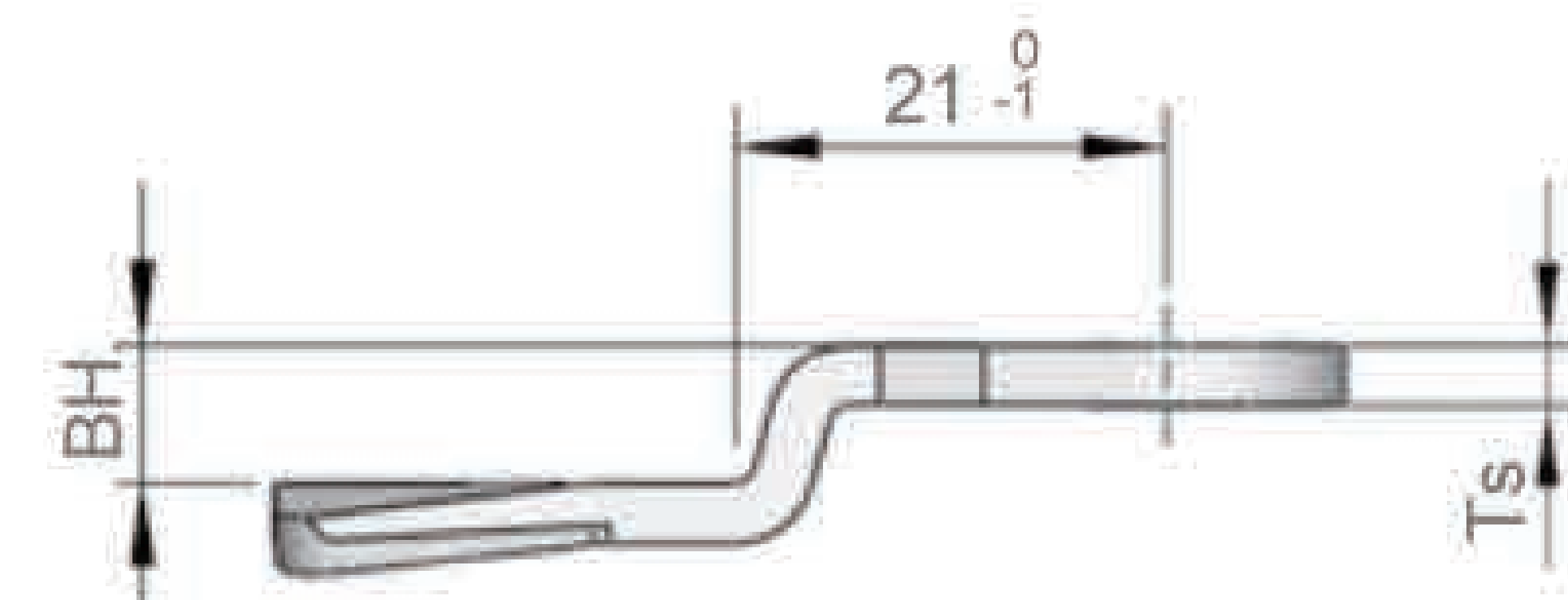
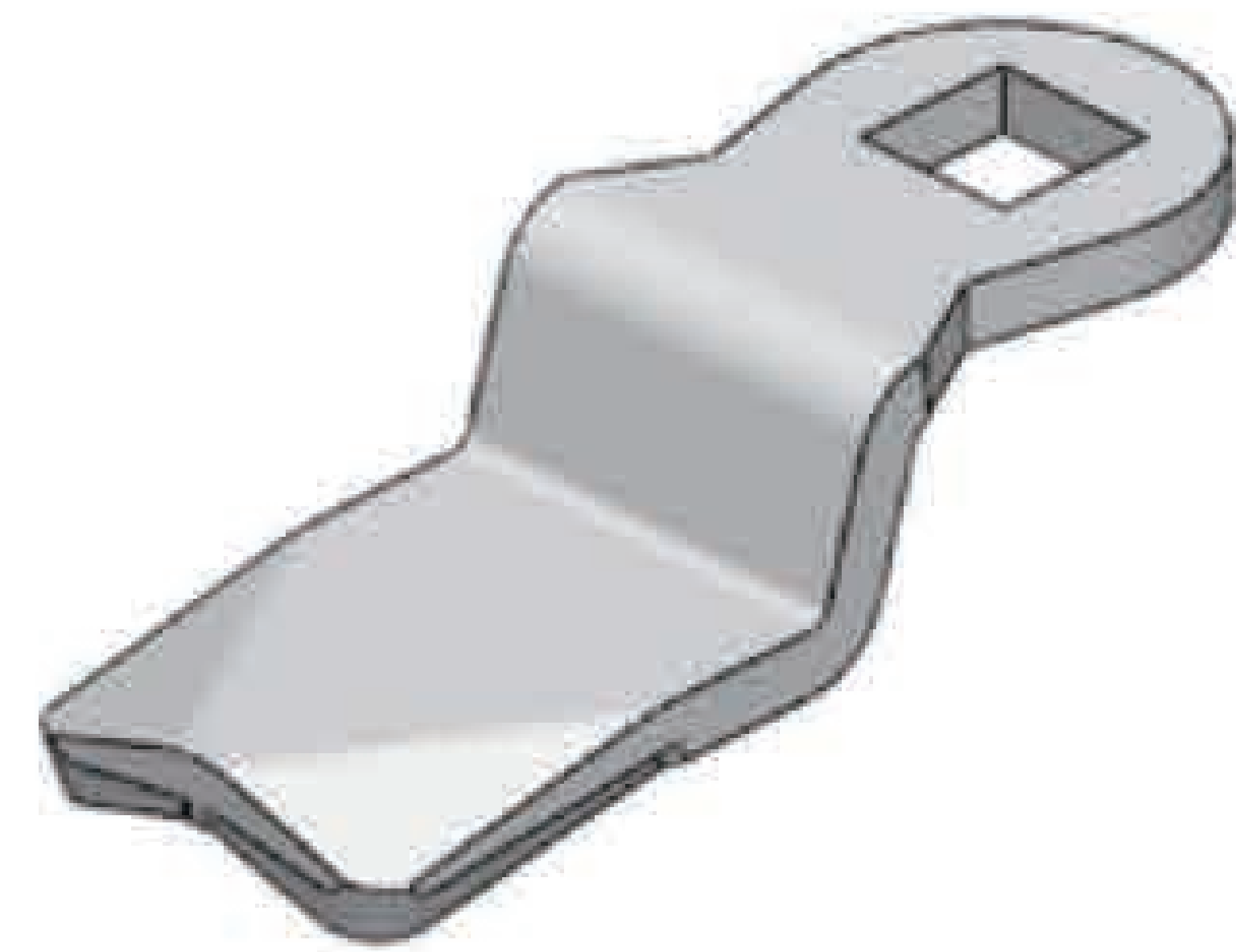
1、0.8X0.8X0.8mm 2、0.7X0.7X0.8mm 3、0.6X0.7X0.7mm



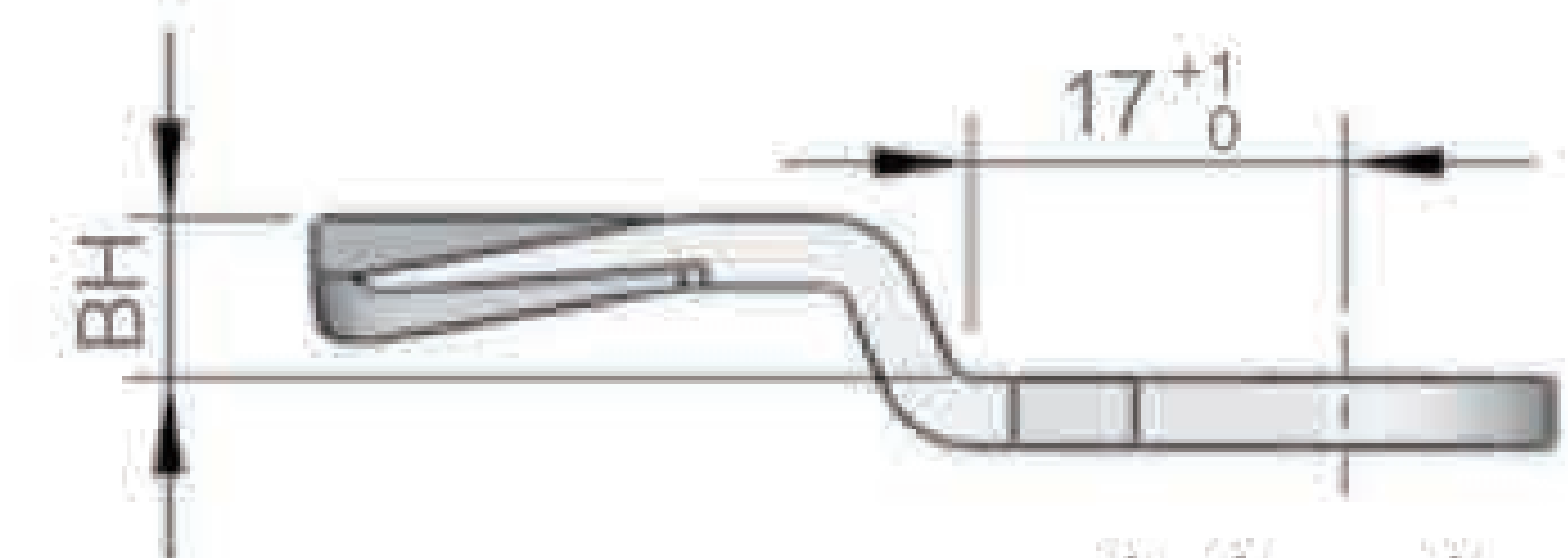
SIZE	A	B	C	D	E	F	G
MS600-803SH-250	250	64	-	247	48	-	160
MS600-803SH-300	300	64	64	297	48	96	160
MS600-803SH-350	350	64	64	347	48	128	160
MS600-803SH-400	400	64	64	397	48	160	160
MS600-803SH-450	450	64	64	447	48	160	160
MS600-803SH-500	500	64	64	497	48	192	160



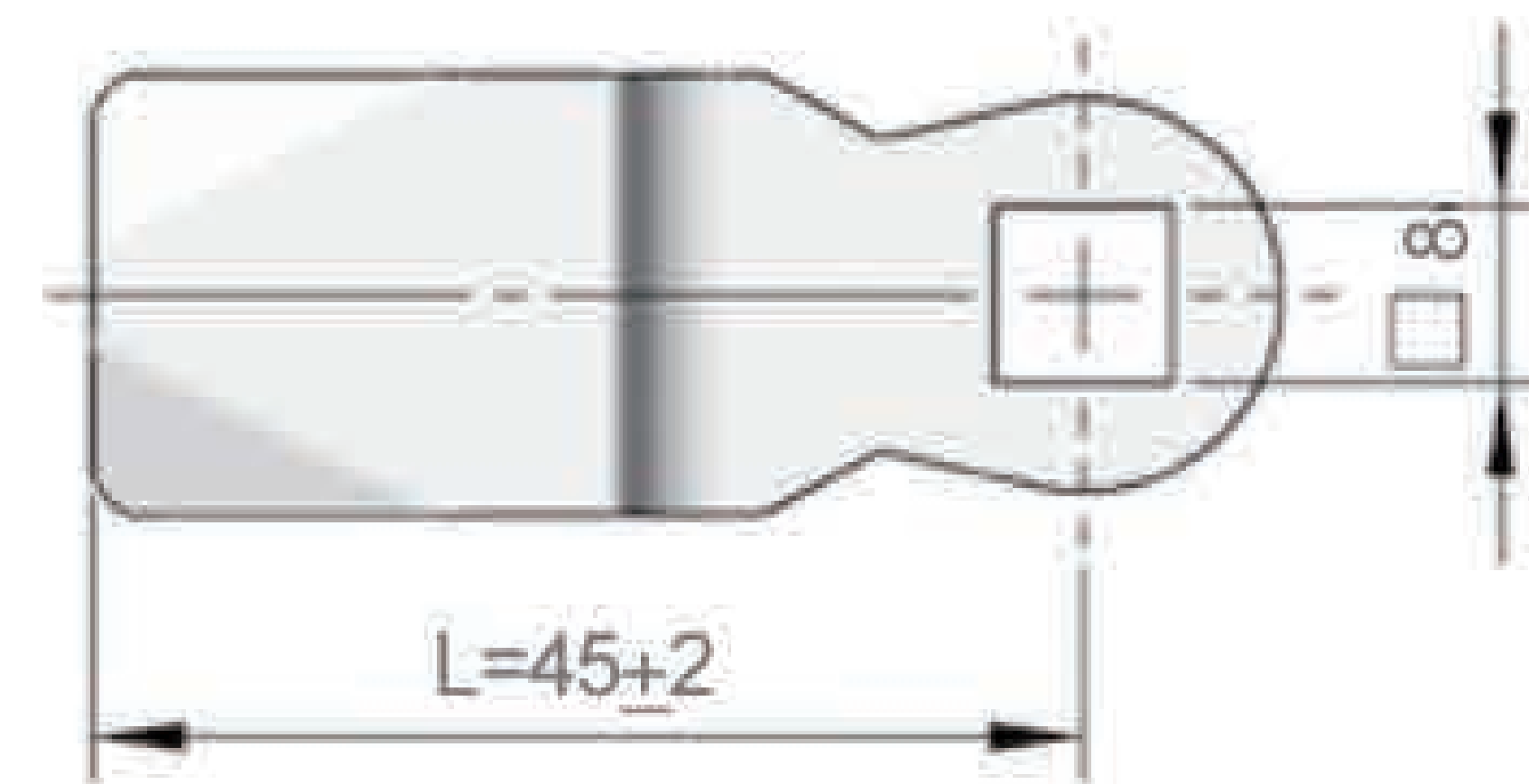
S1B Series



Downwards bend



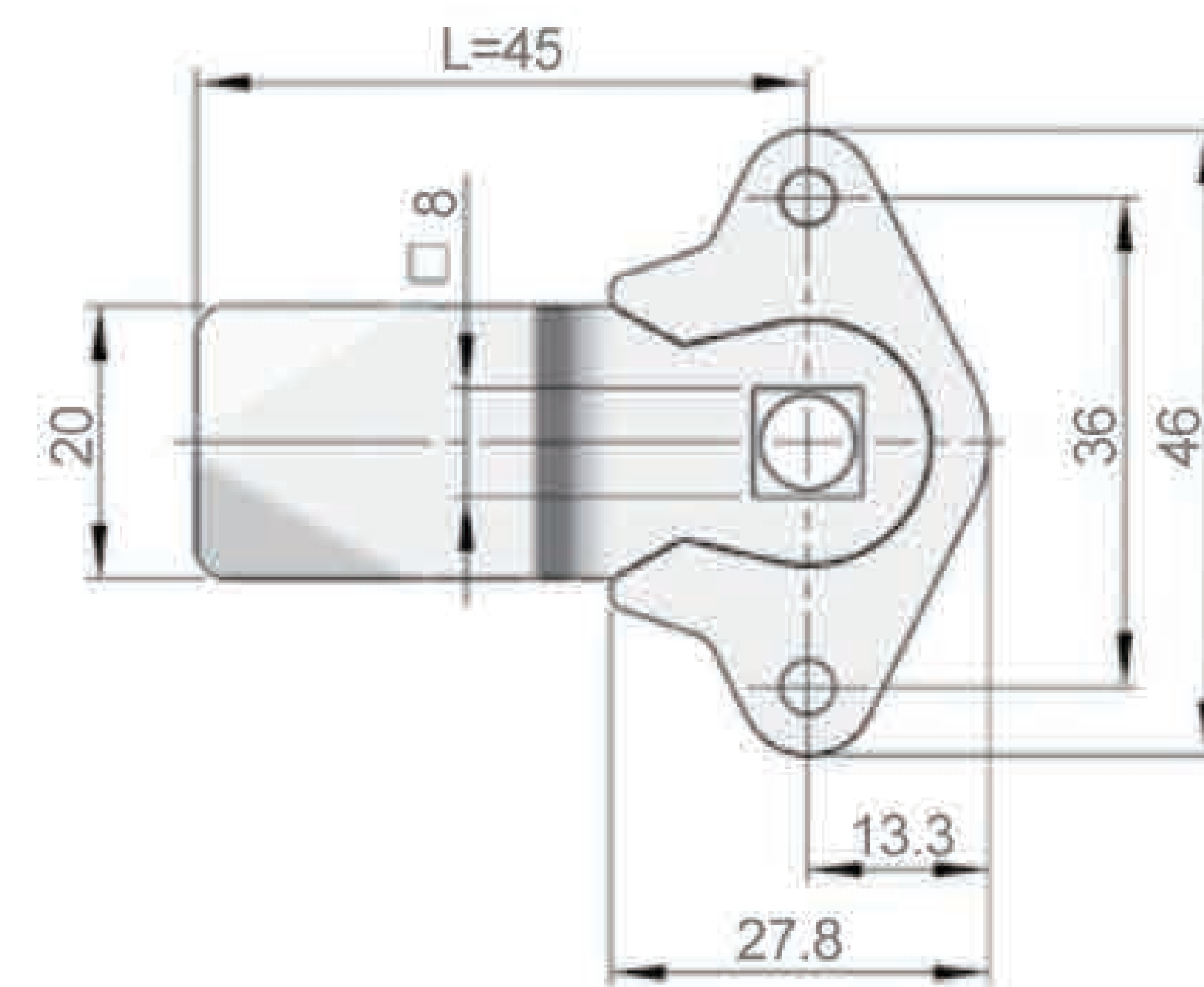
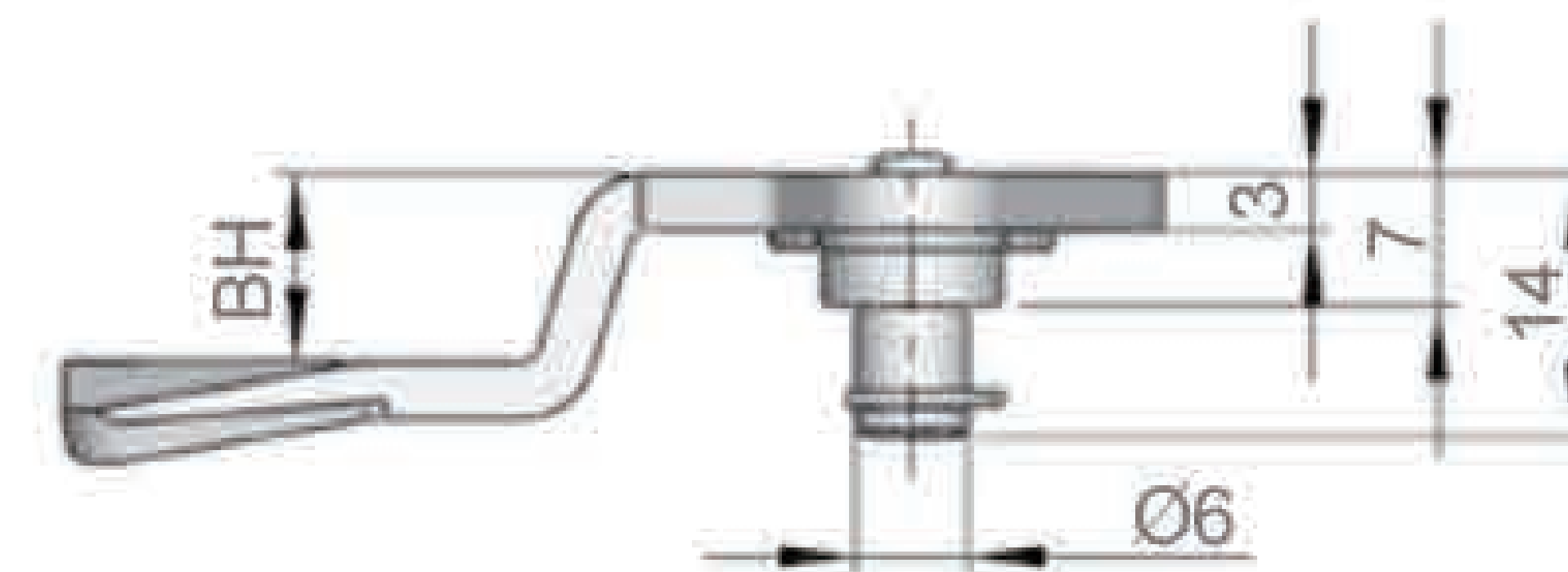
upwards bend



Cam with stopper

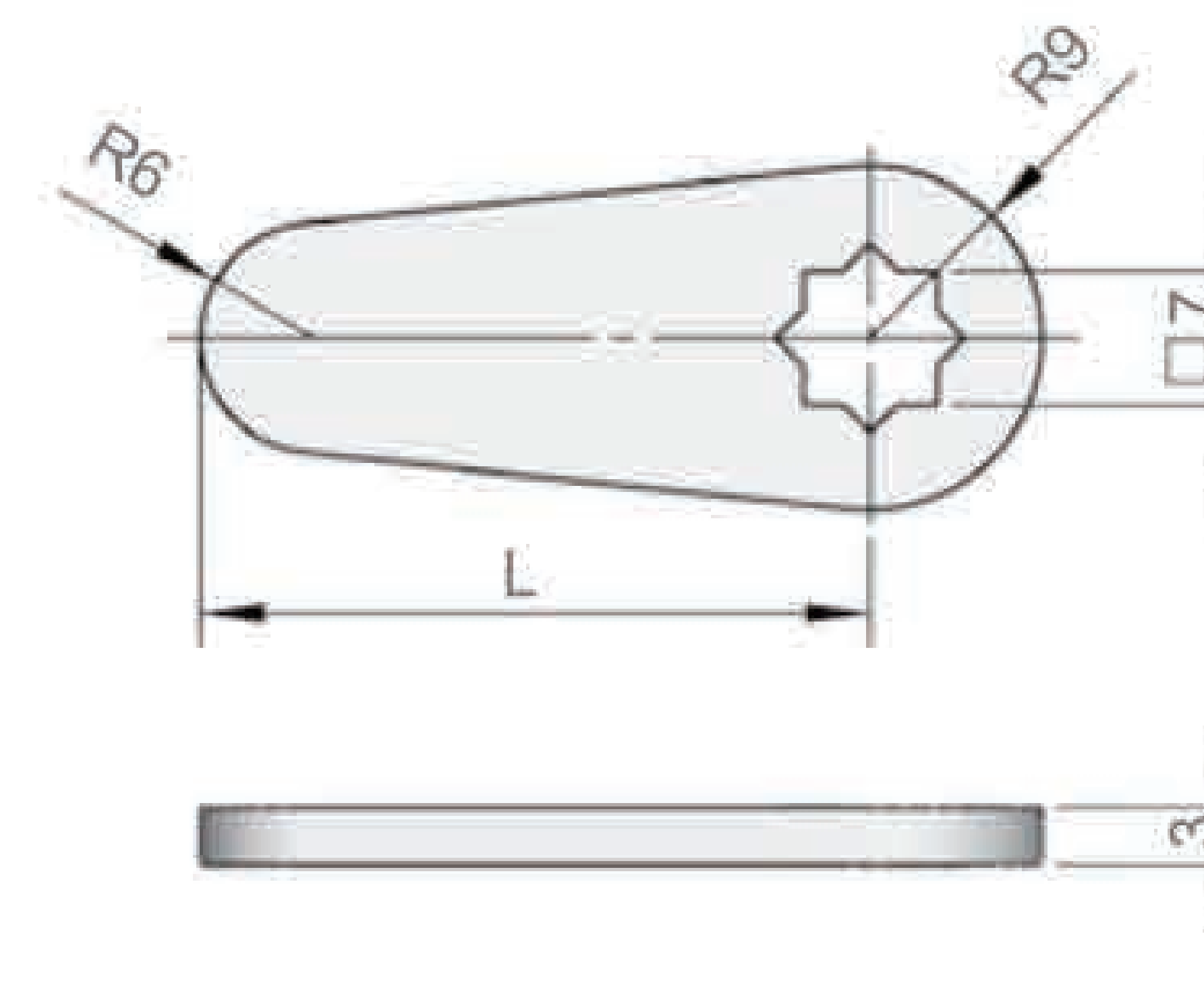
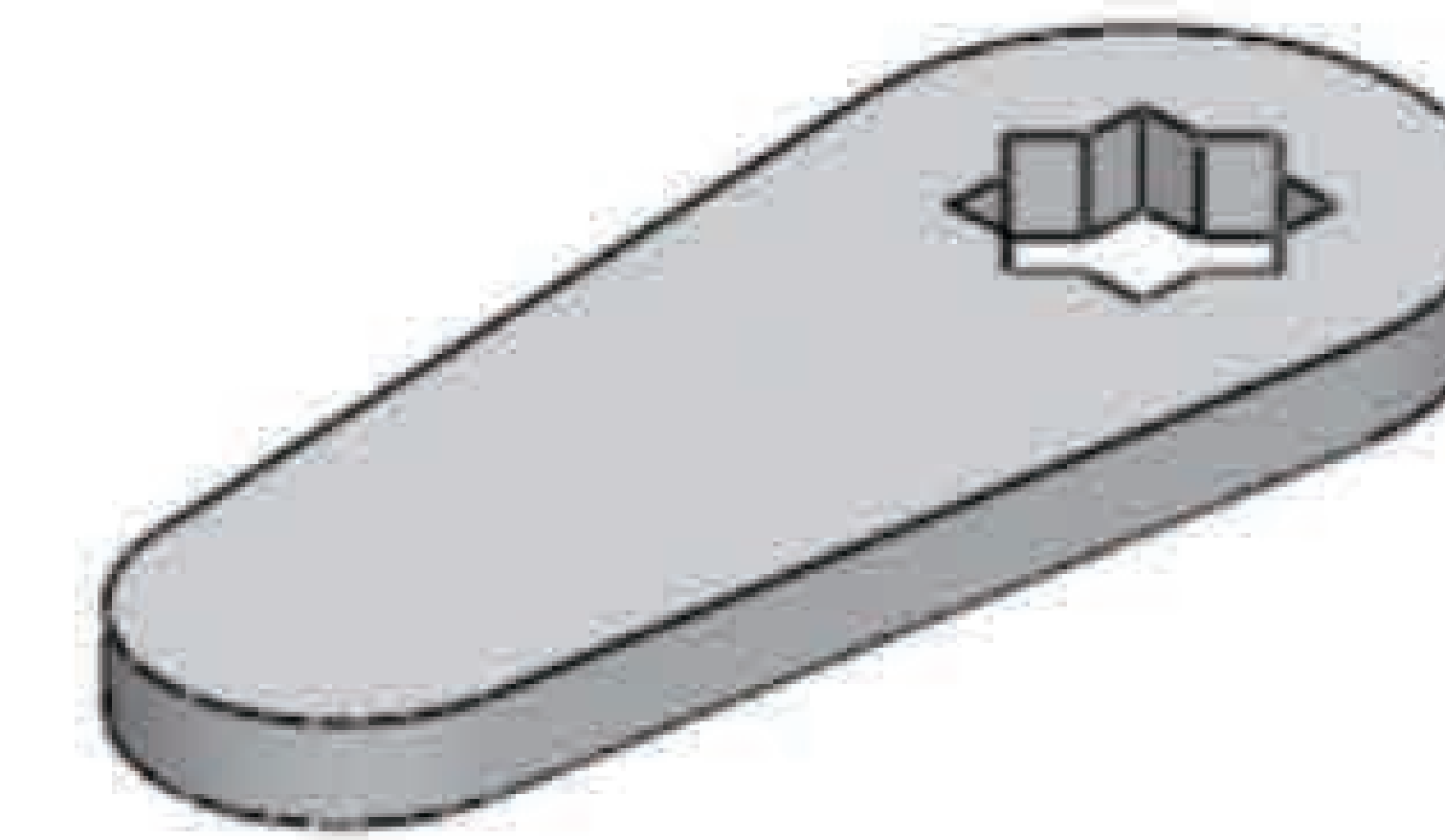
Remark: Default thickness 3mm, please specify on request of other material, center distance and thickness. Code prefixed with D stands for cam with stopper.

AS3B Series

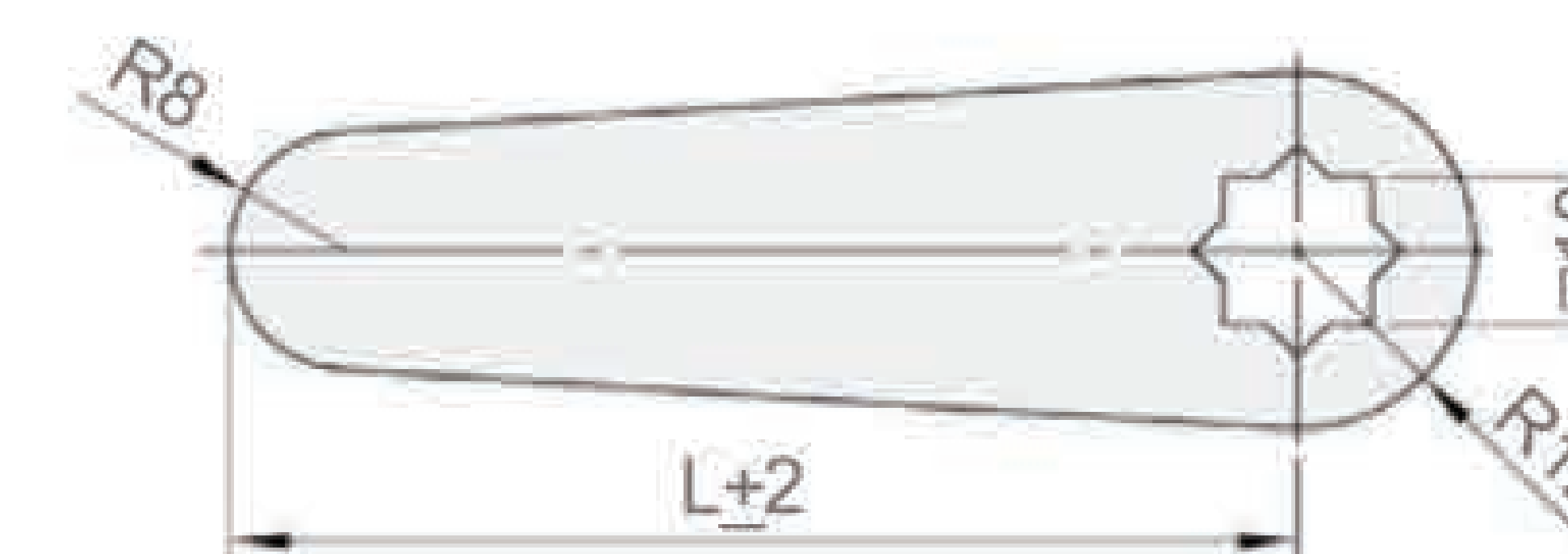
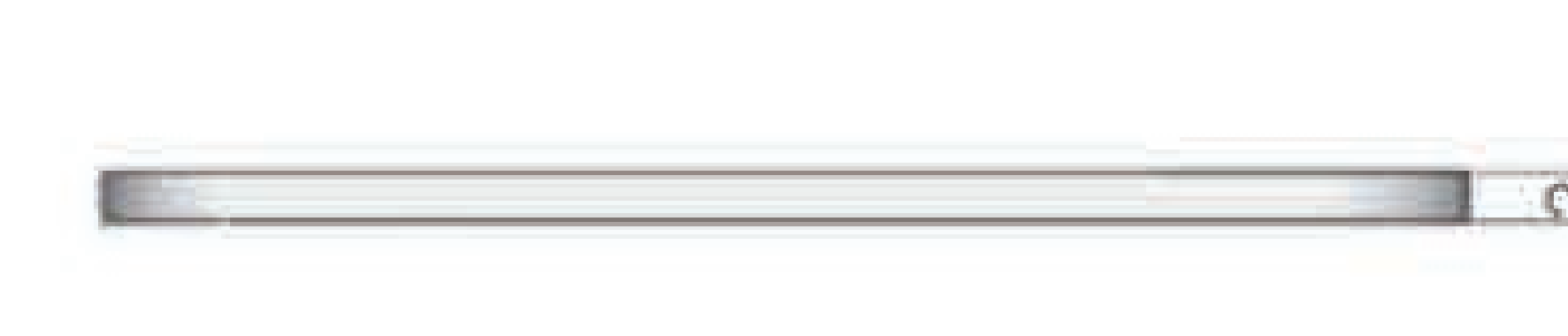
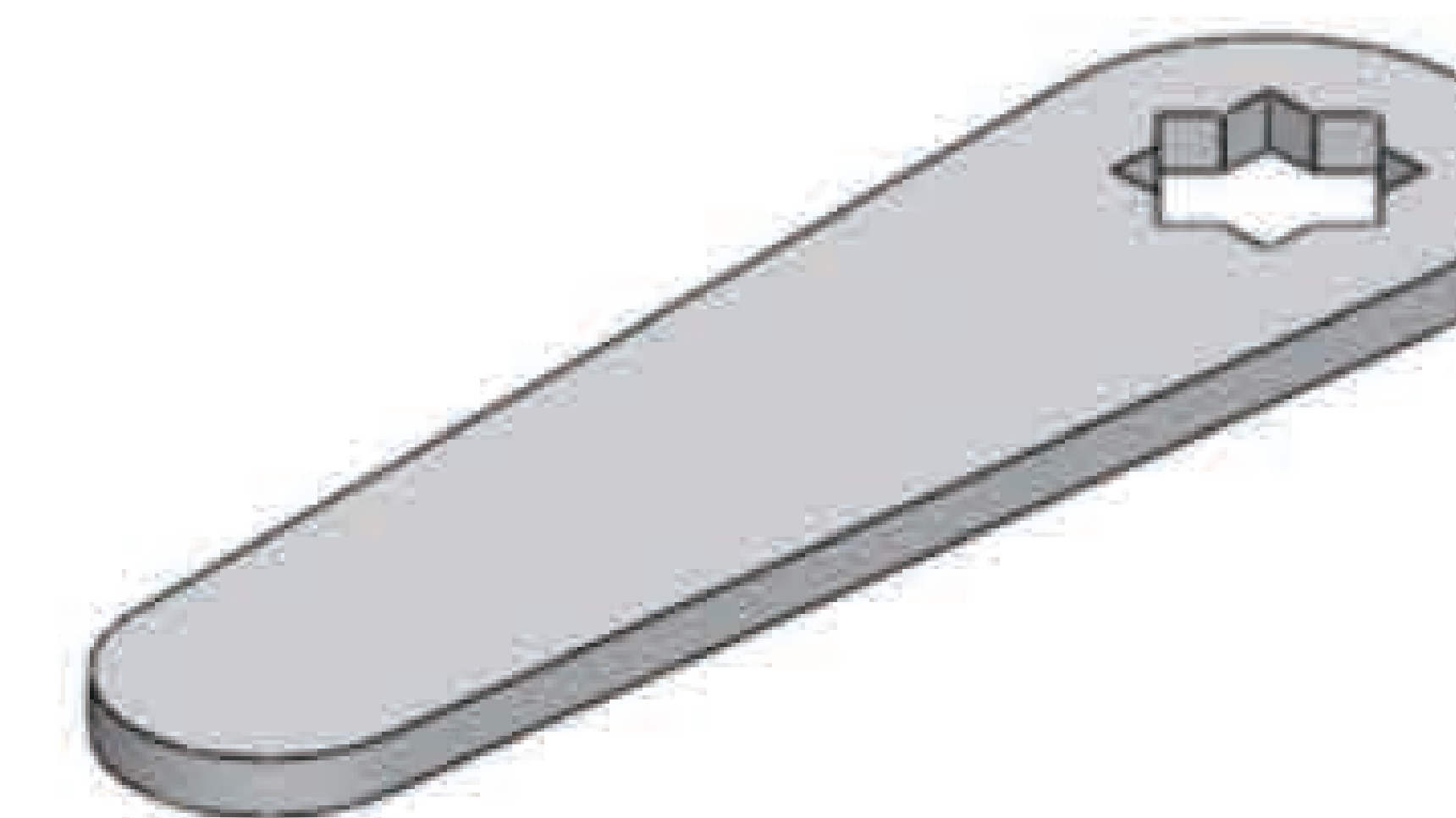


Remark: Default thickness 3mm, please specify on request of other material, center distance and thickness. Code prefixed with D stands for cam with stopper.

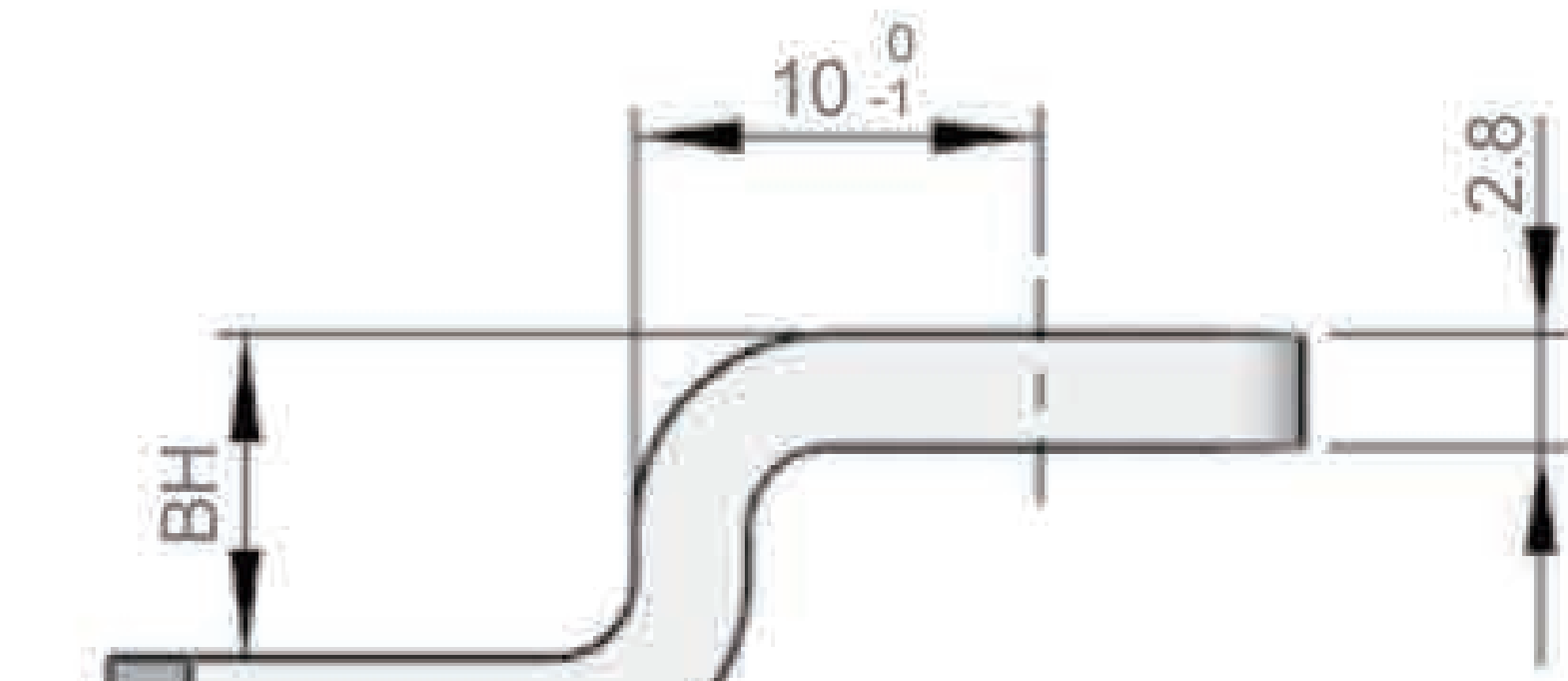
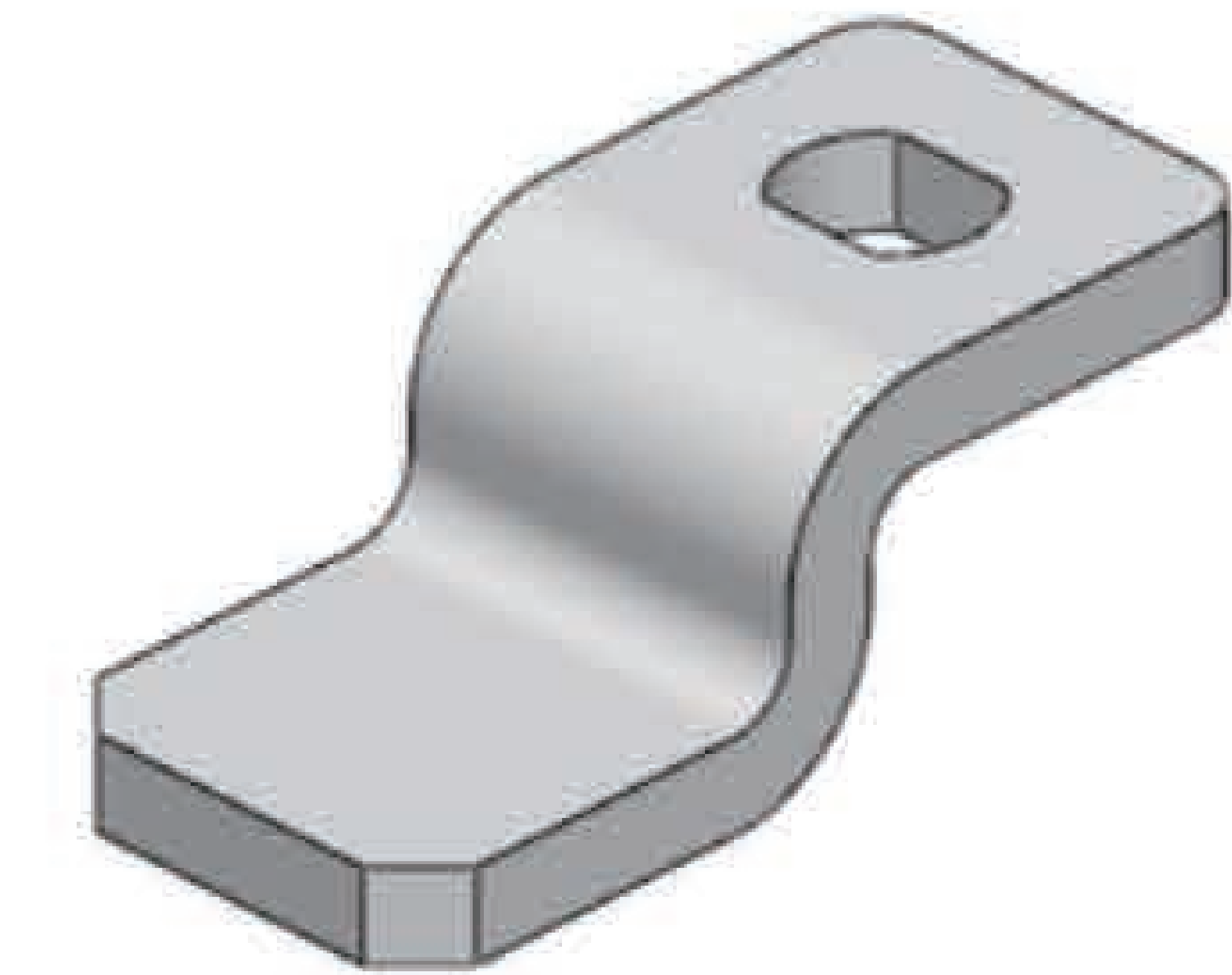
S1A Series



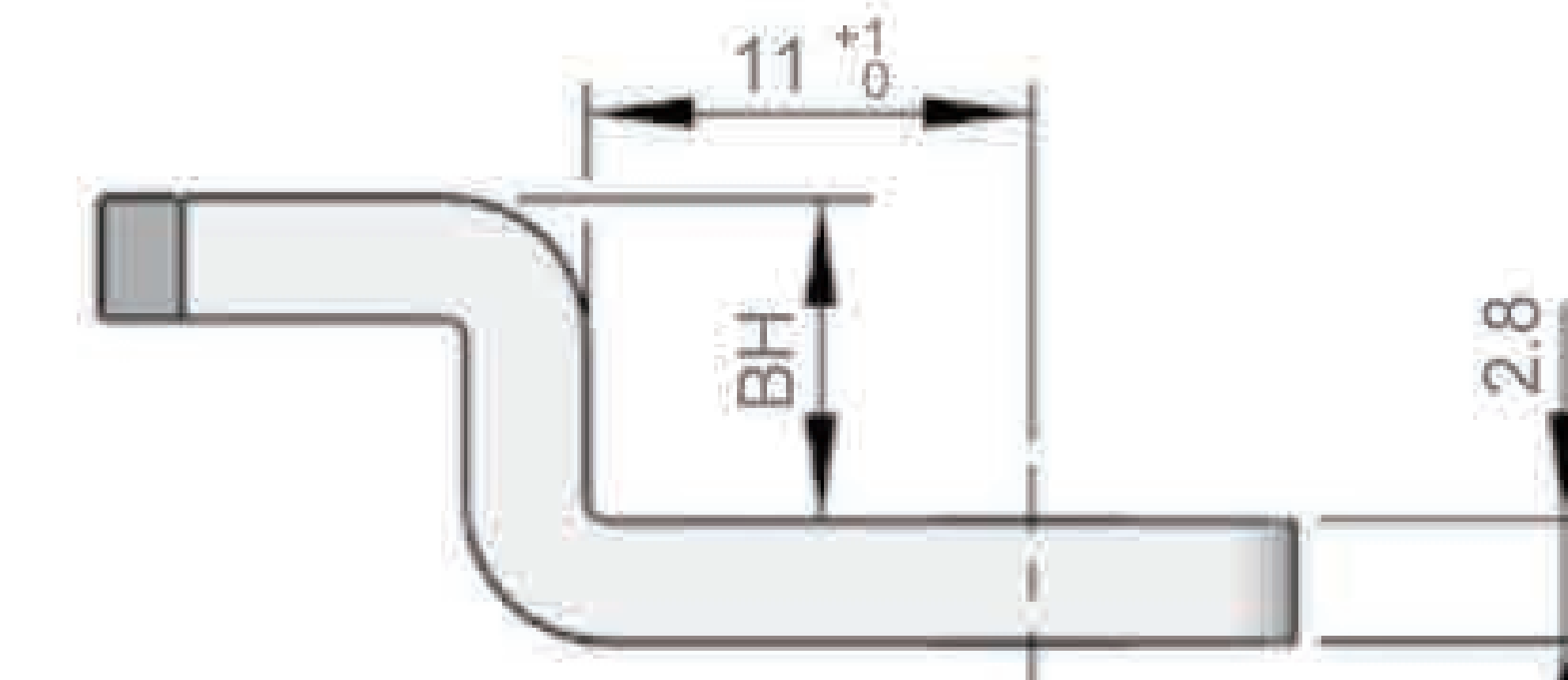
S1C Series



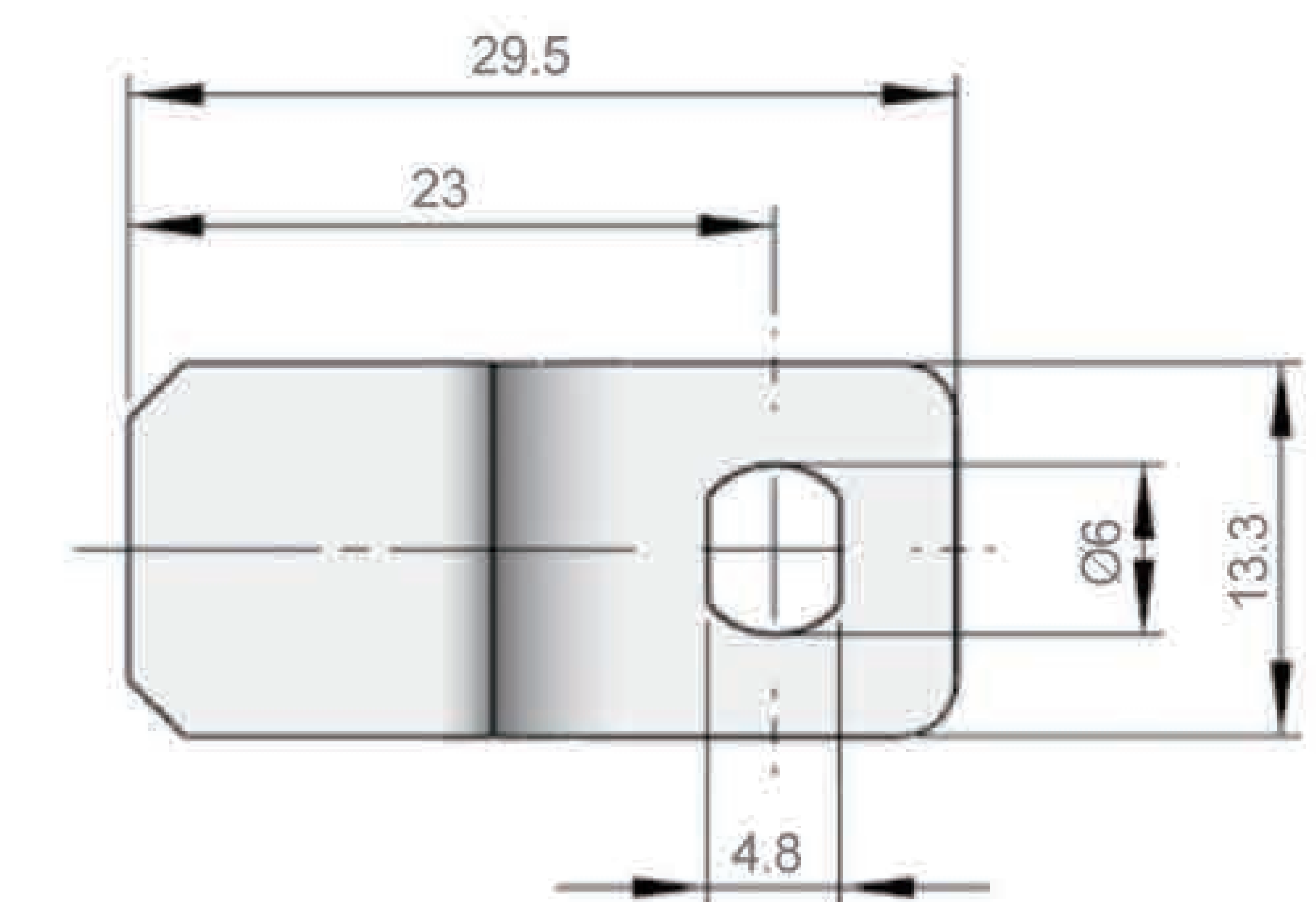
S1G Series



Downwards bend



Upwards bend



Lock

Hinge

Handle

Draw Latch

Door Stop

Slide

Lock Accessories

Gasket

Lock

Hinge

Handle

Draw Latch

Door Stop

Slide

Lock Accessories

Gasket

Lock

Hinge

Handle

Draw Latch

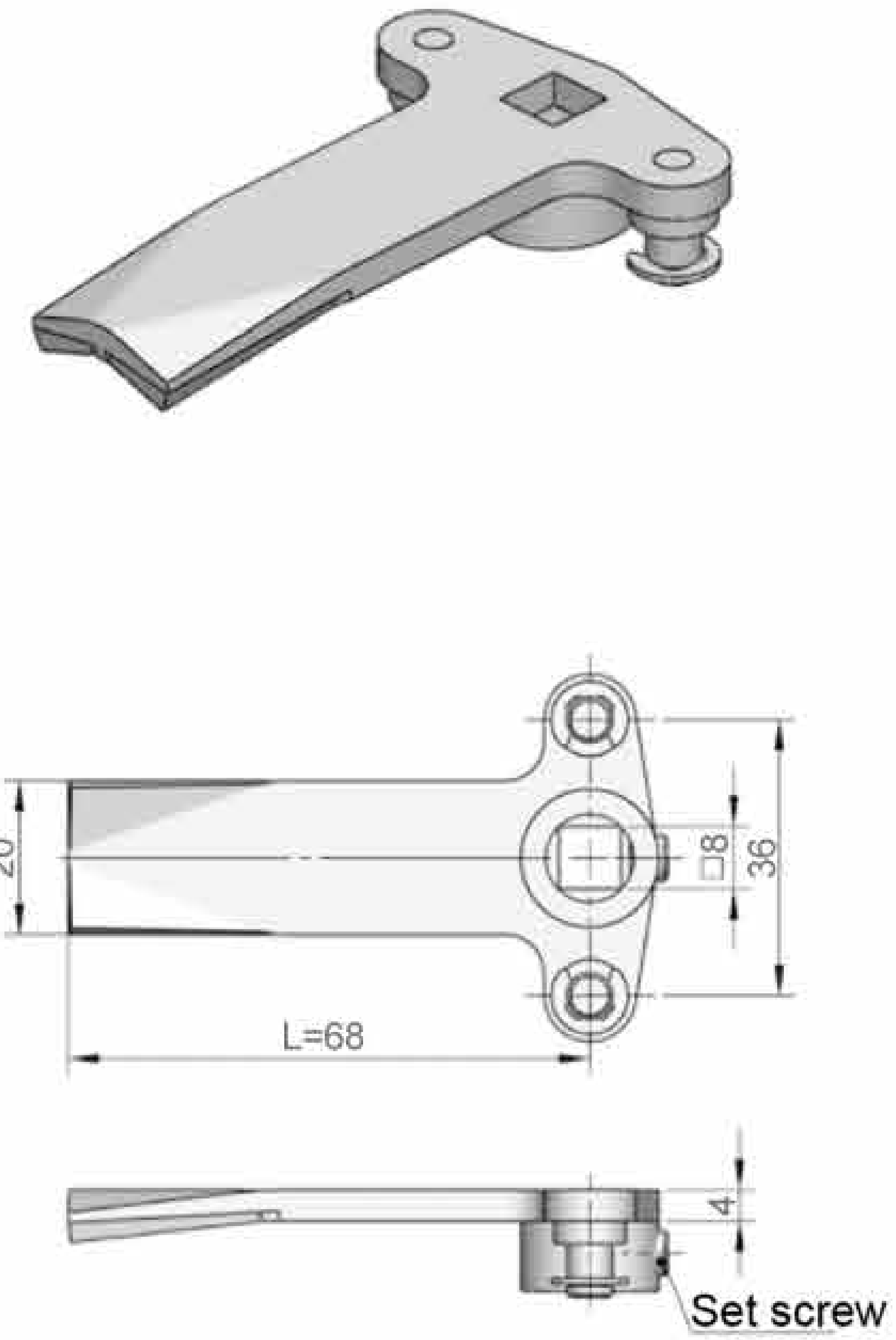
Door Stop

Slide

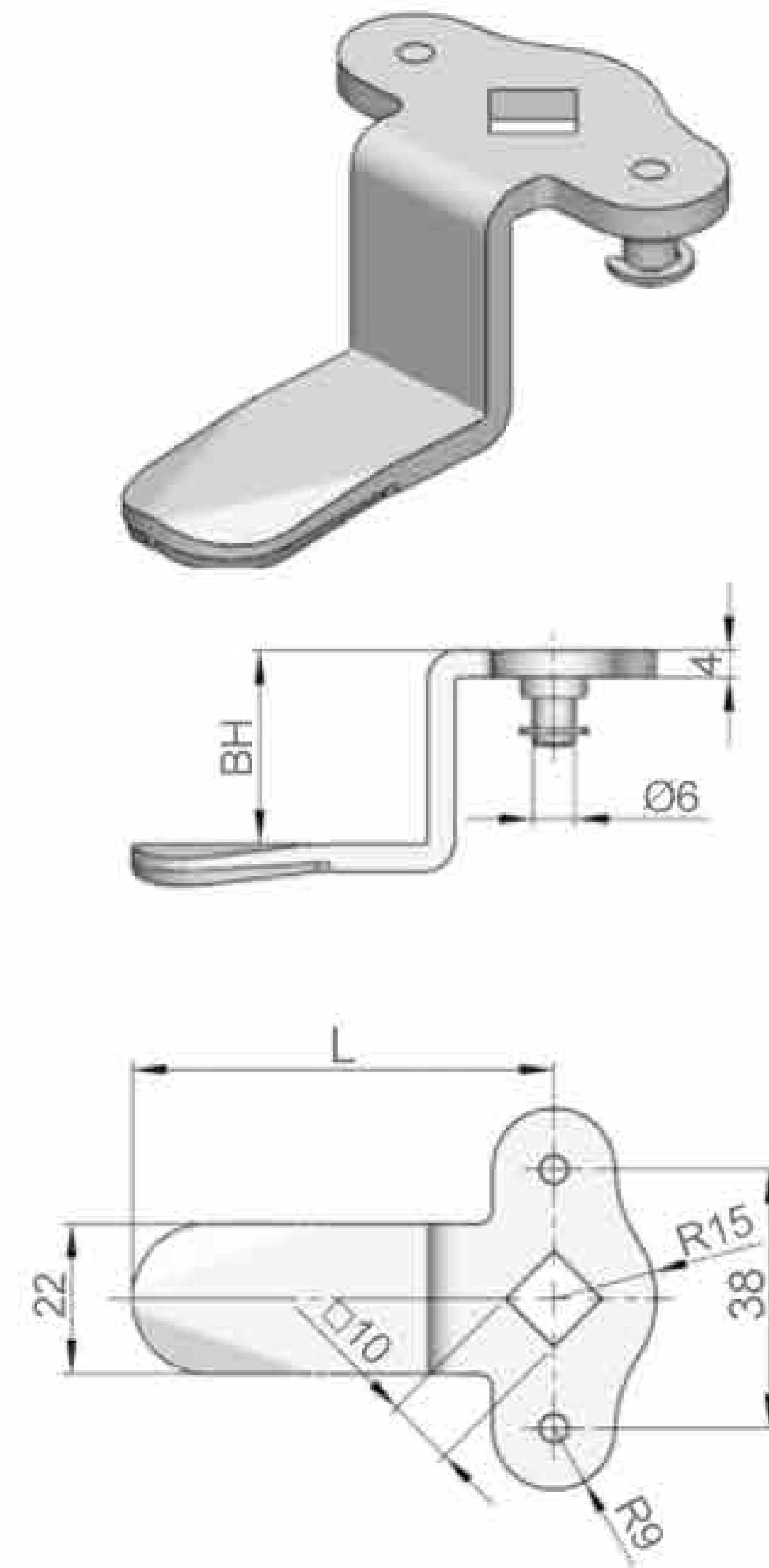
Lock Accessories

Gasket

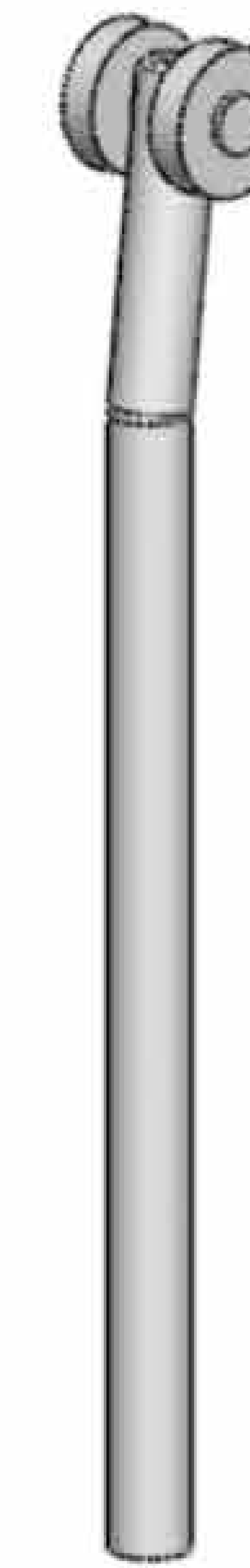
S3B680A



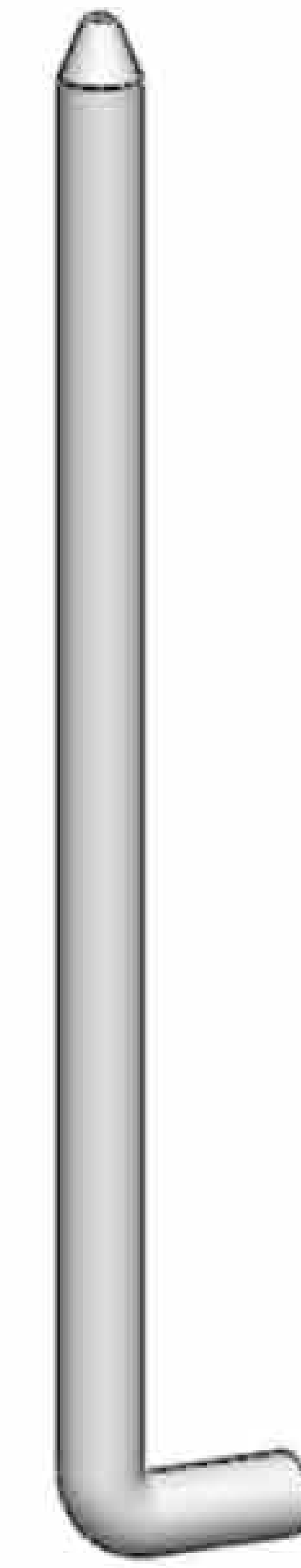
S3C Series



LG001-2



LG001-3



Lock

Hinge

Handle

Draw Latch

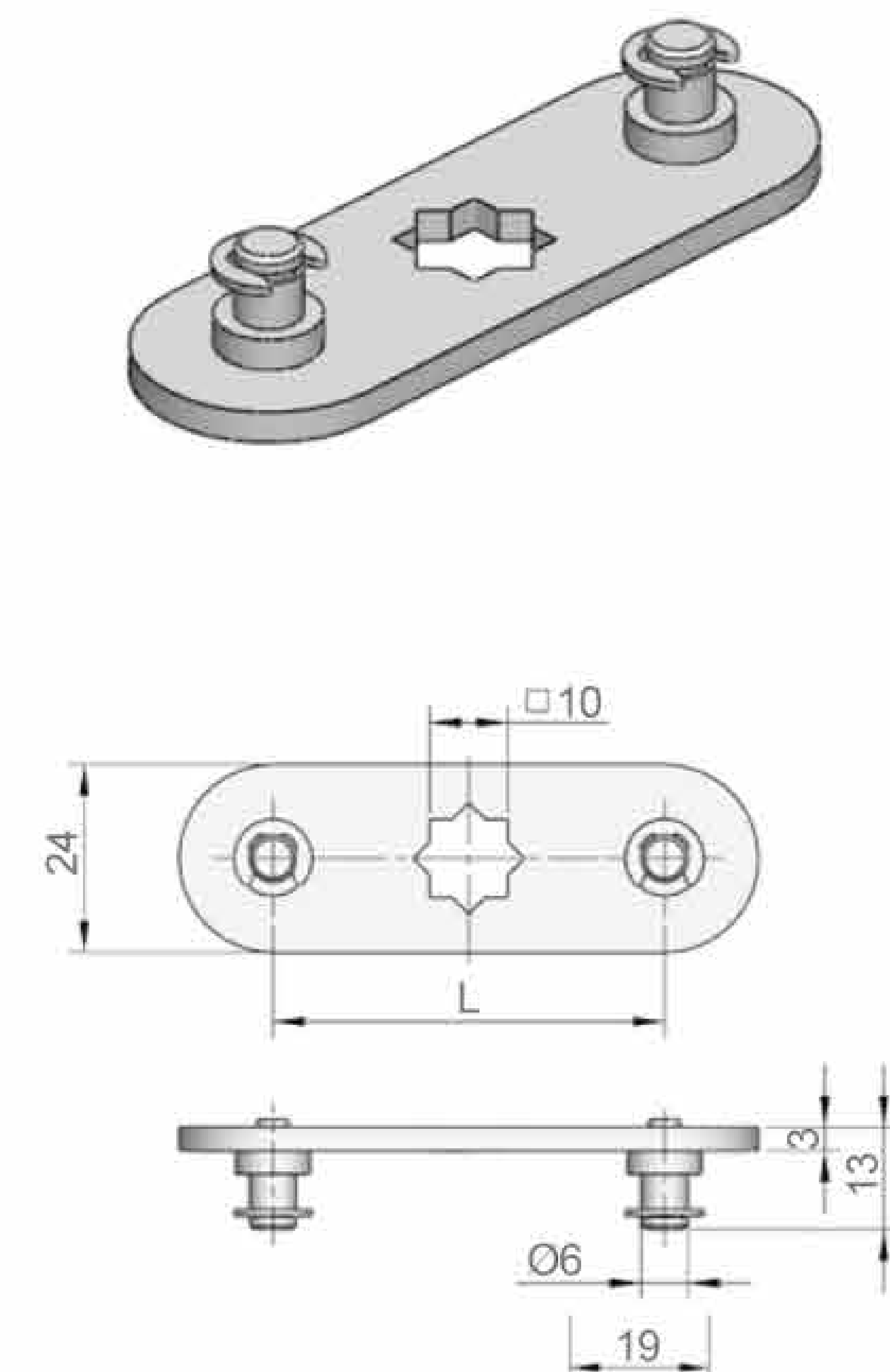
Door Stop

Slide

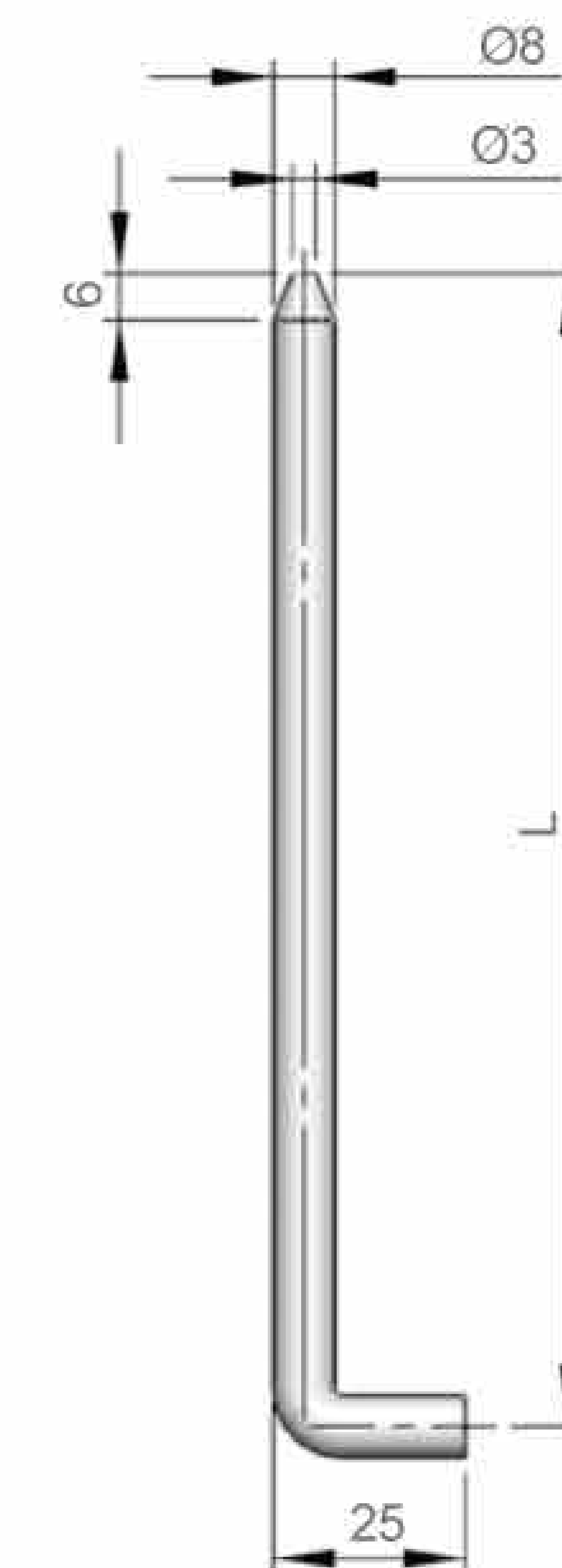
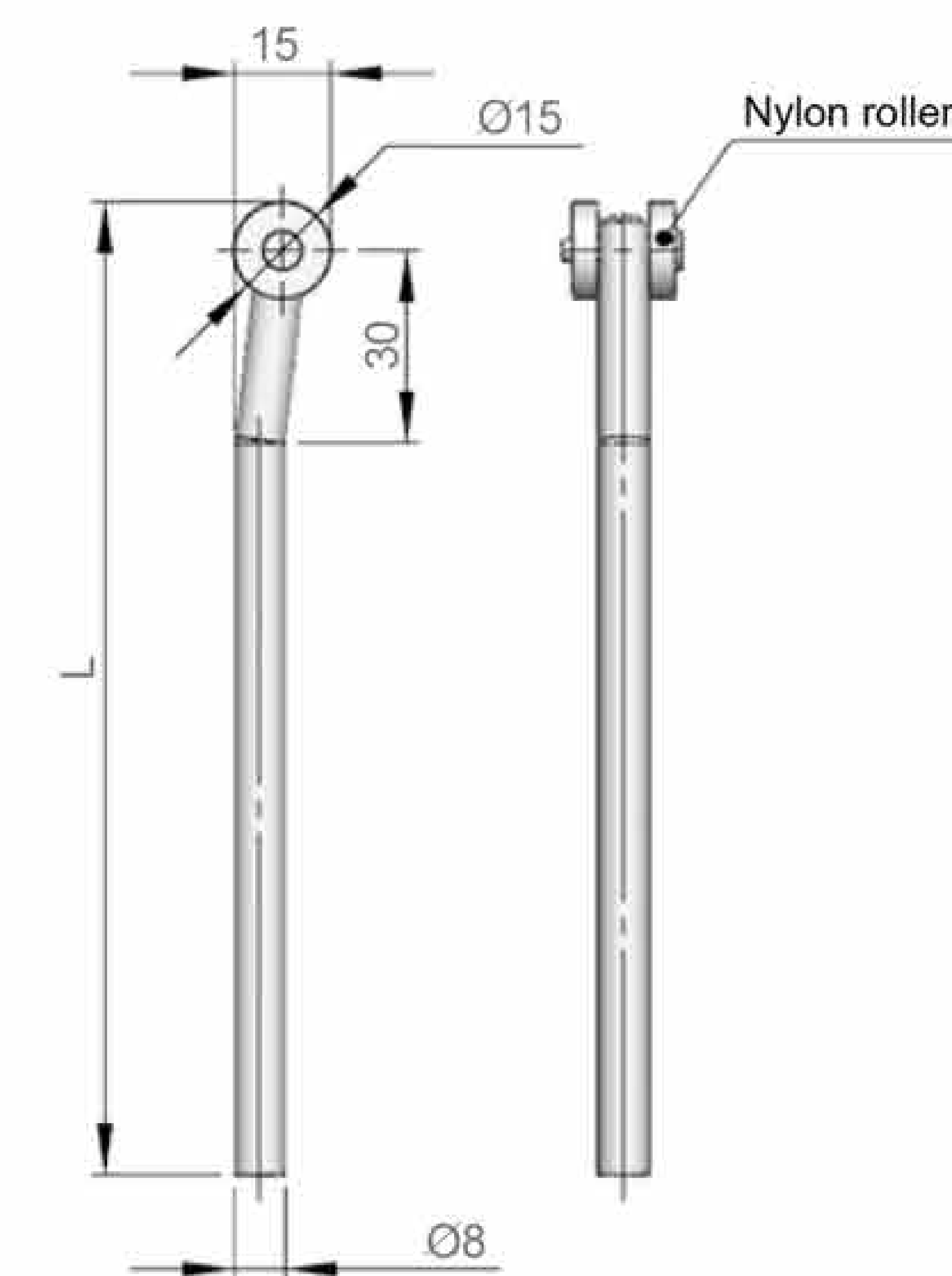
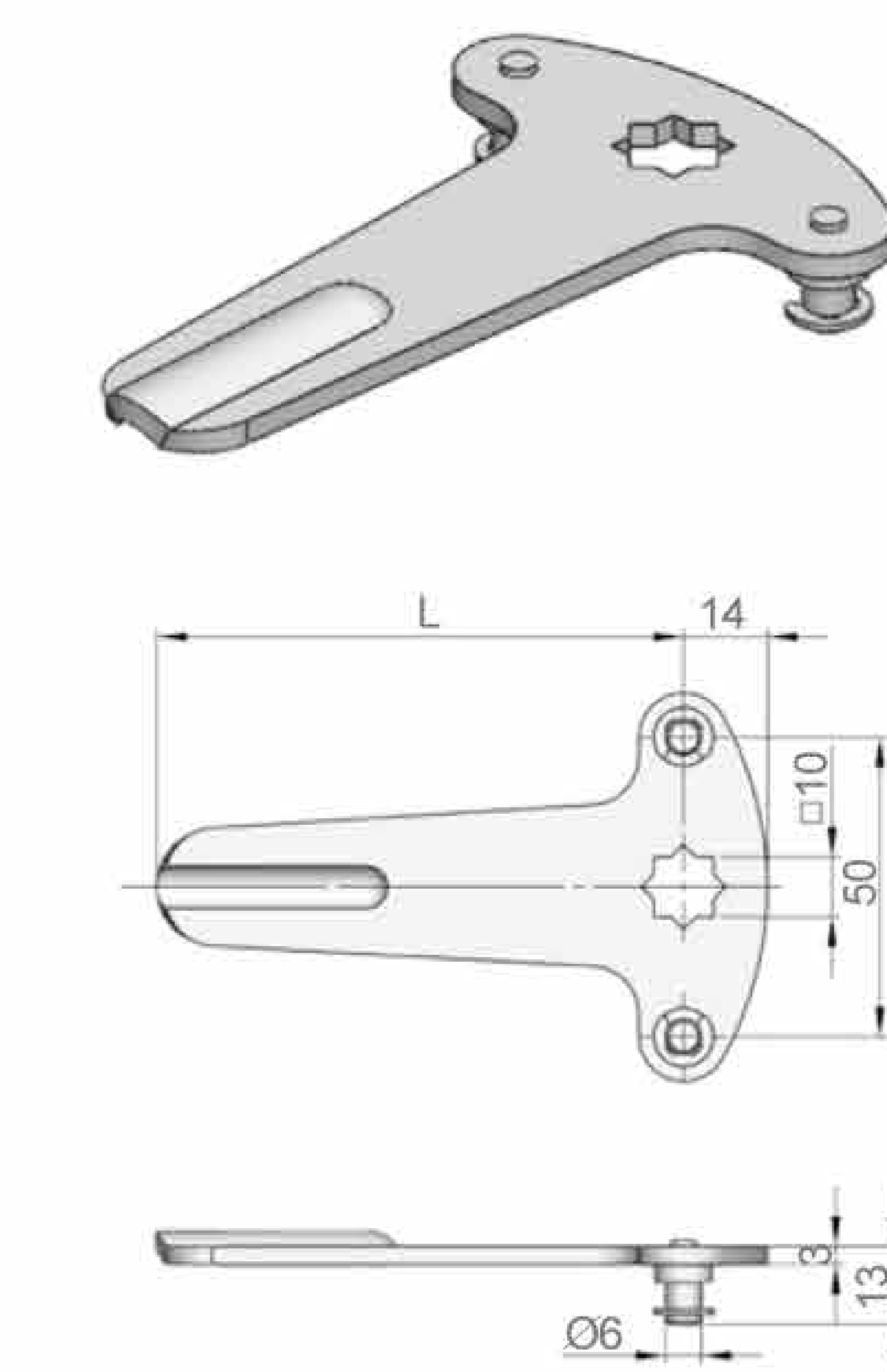
Lock Accessories

Gasket

S3C Series

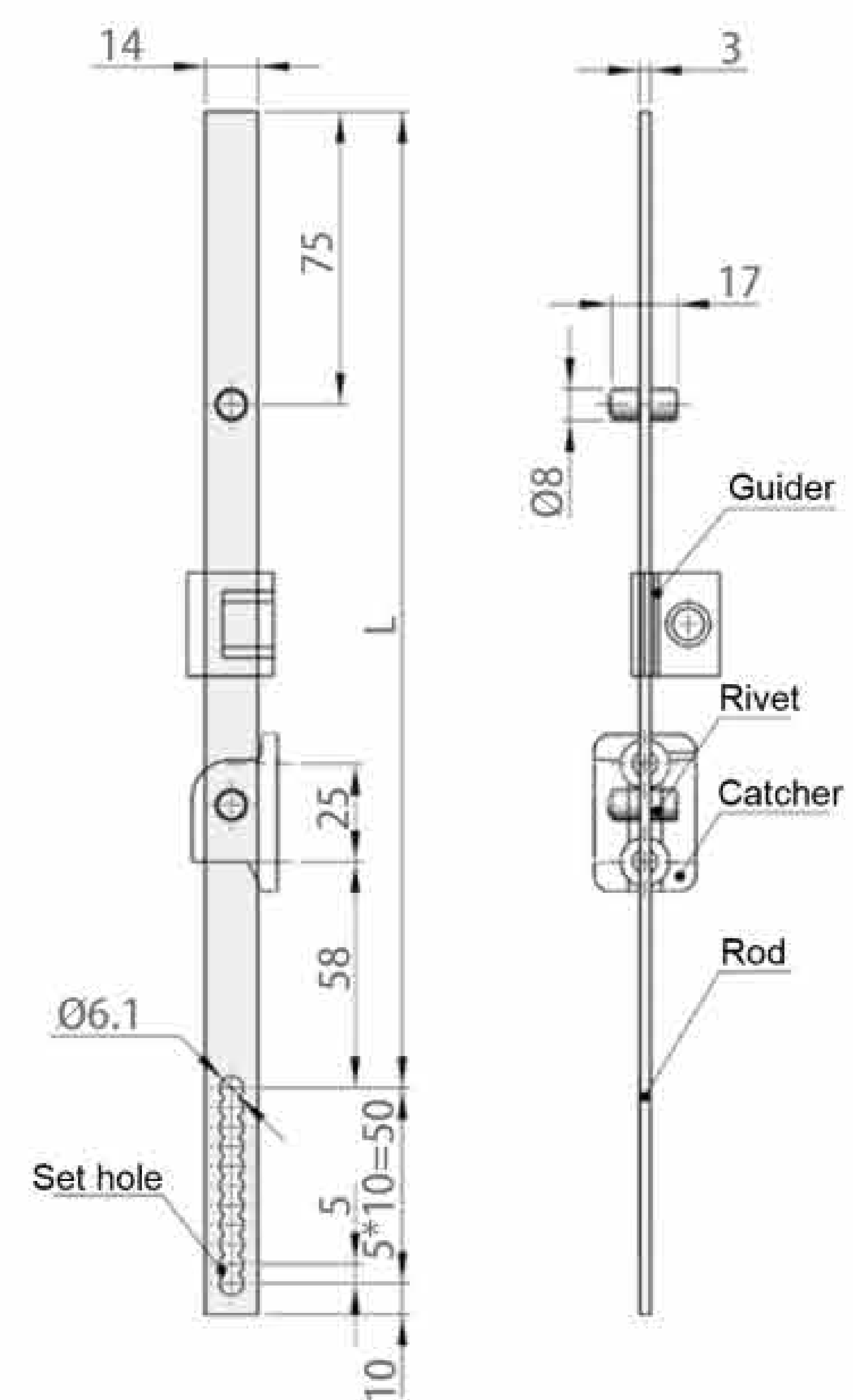
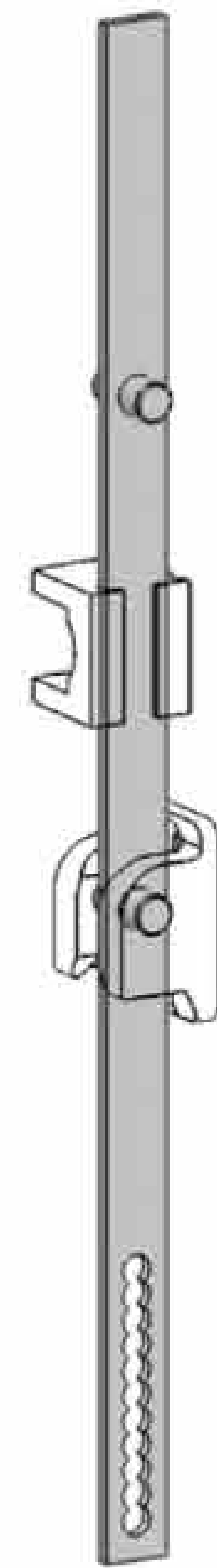


S3C Series



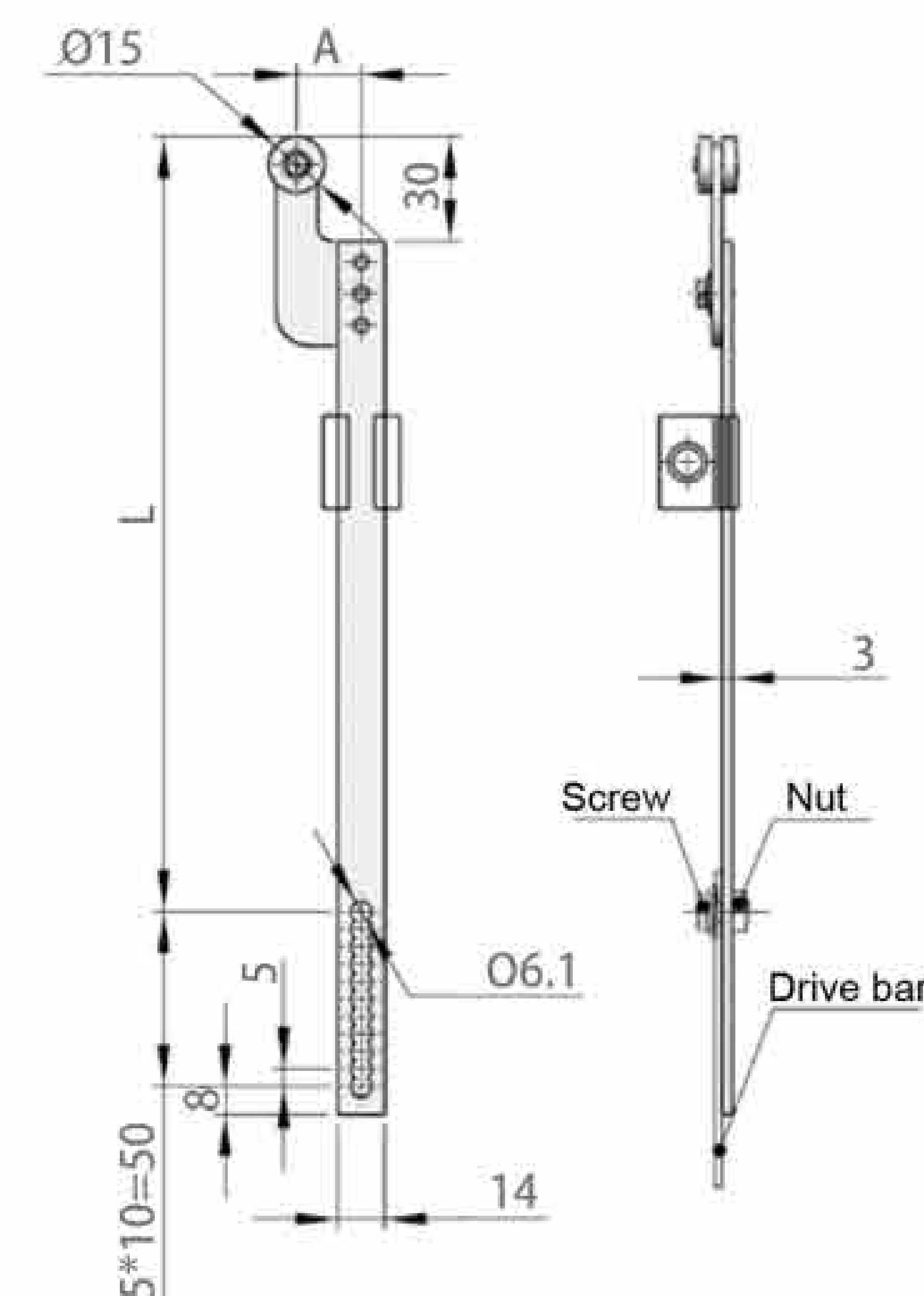
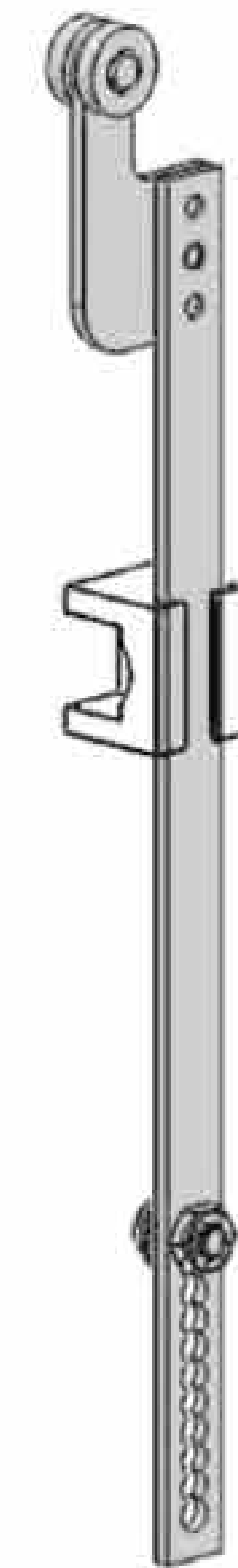
Lock
Hinge
Handle
Draw Latch
Door Stop
Slide
Gasket

LG004



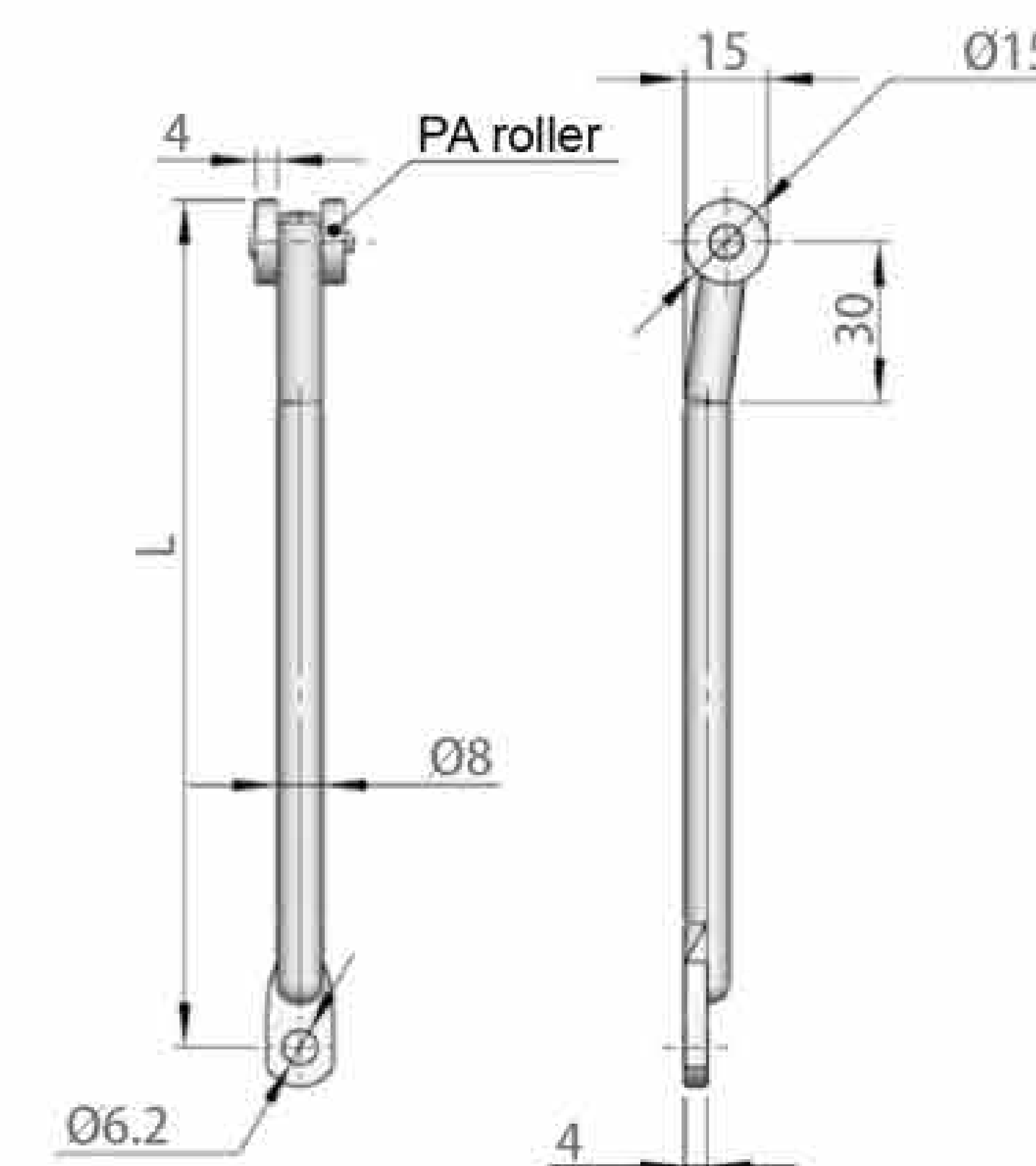
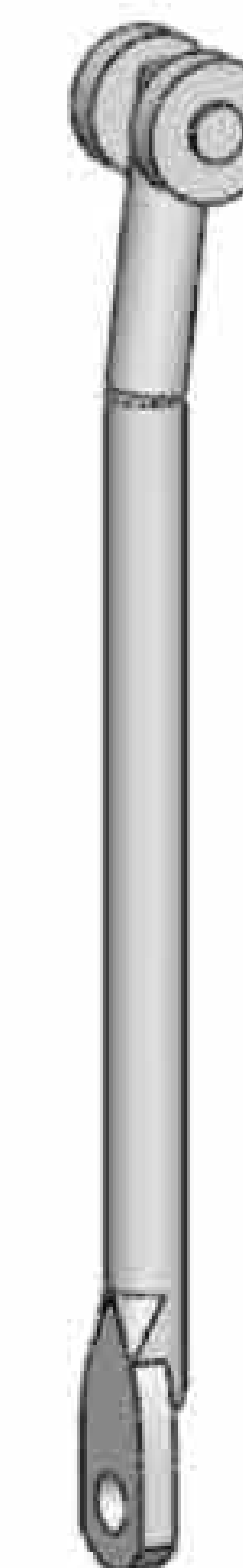
Zinc-plated steel, adjustable flat rod, outside the gasket.

LG006



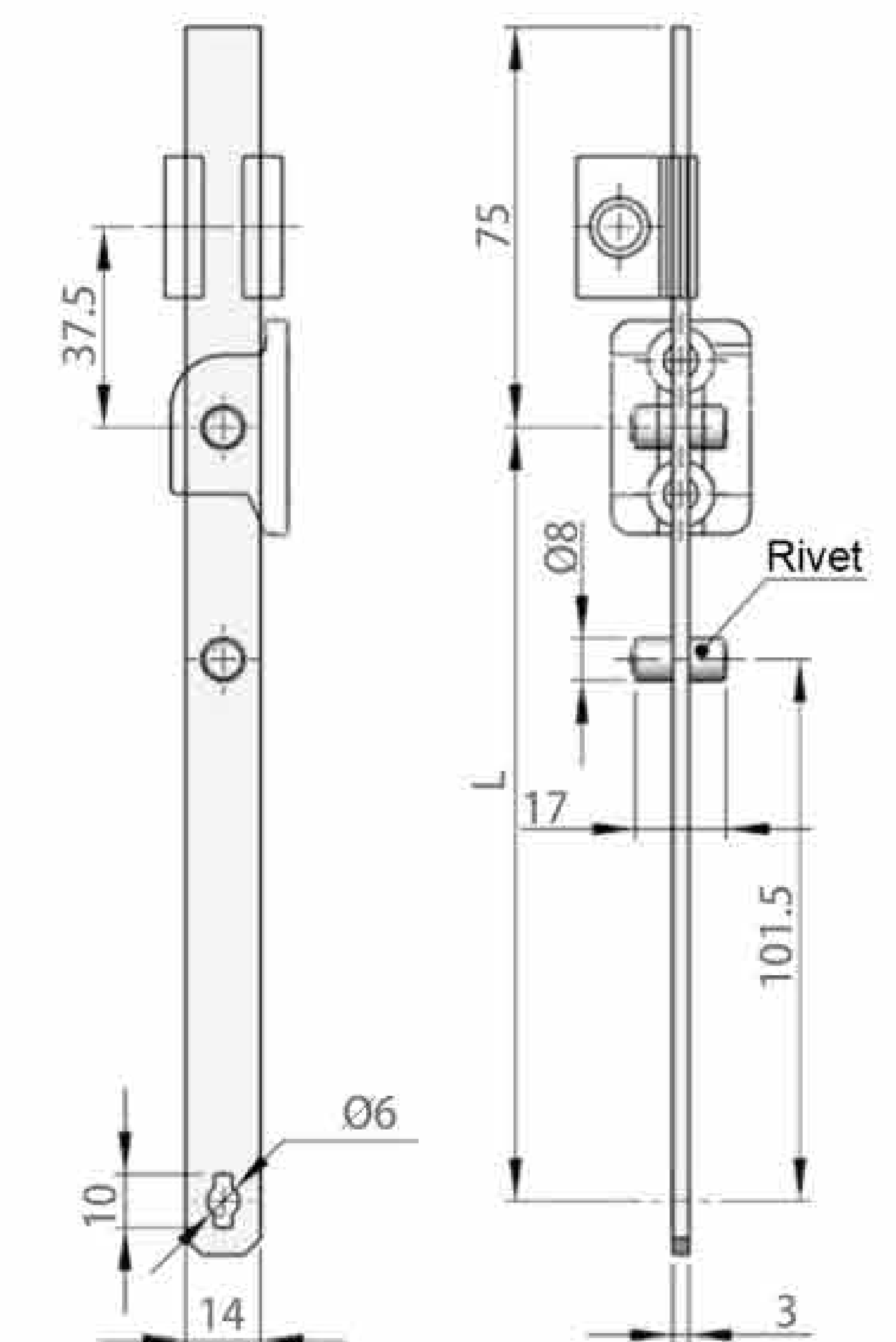
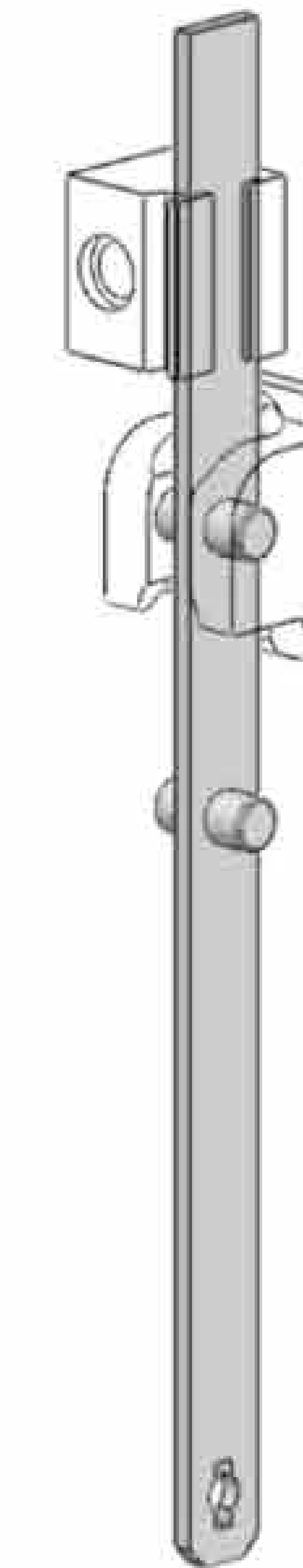
Zinc-plated steel, adjustable flat rod

LG007-B



Zinc-plated steel, cone-round head with hole rod; with white PA roller

LG010

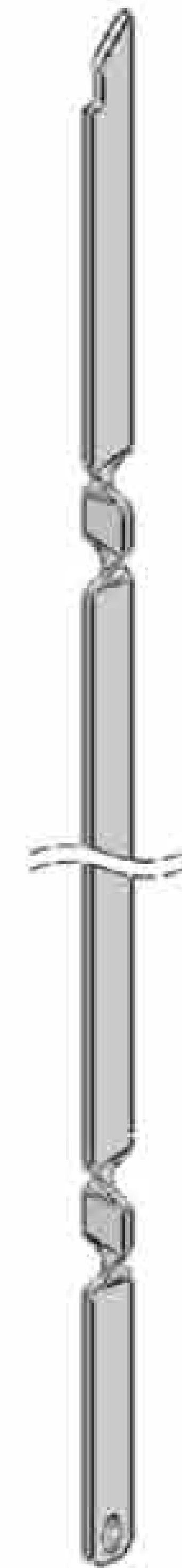


Zinc-plated steel, flat rod, refer to accessory chart on request of accessories

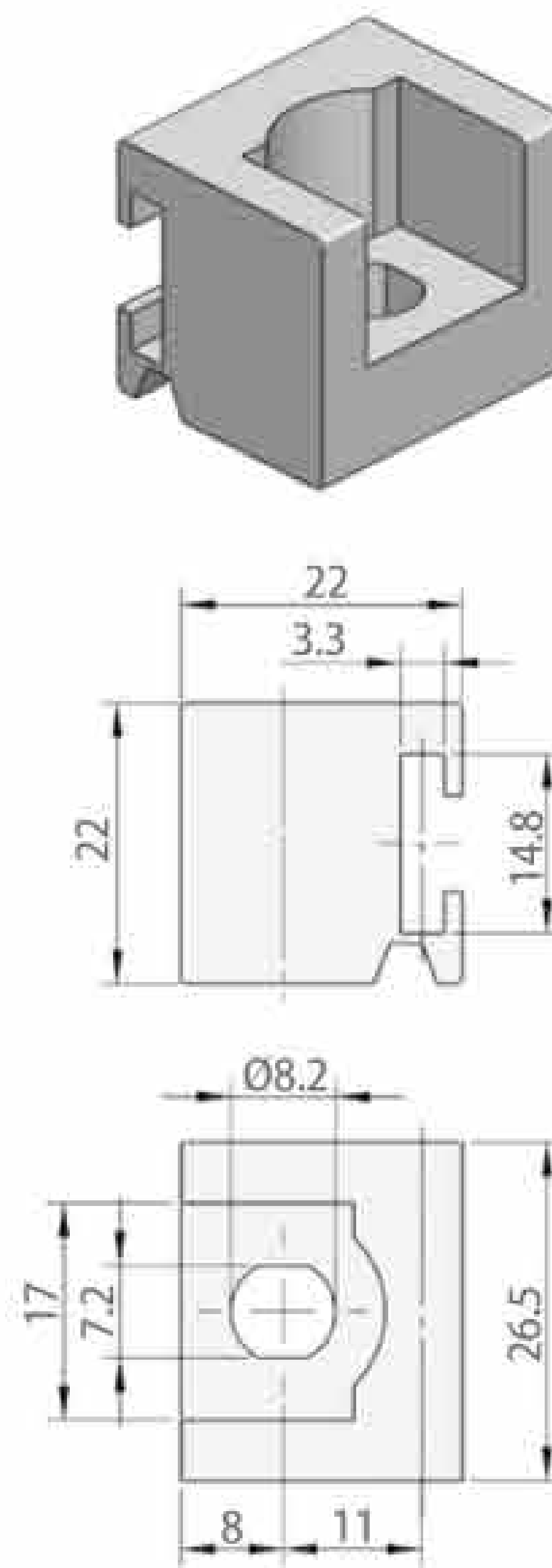
Lock
Hinge
Handle
Draw Latch
Door Stop
Slide
Gasket

Lock Accessories

LG011

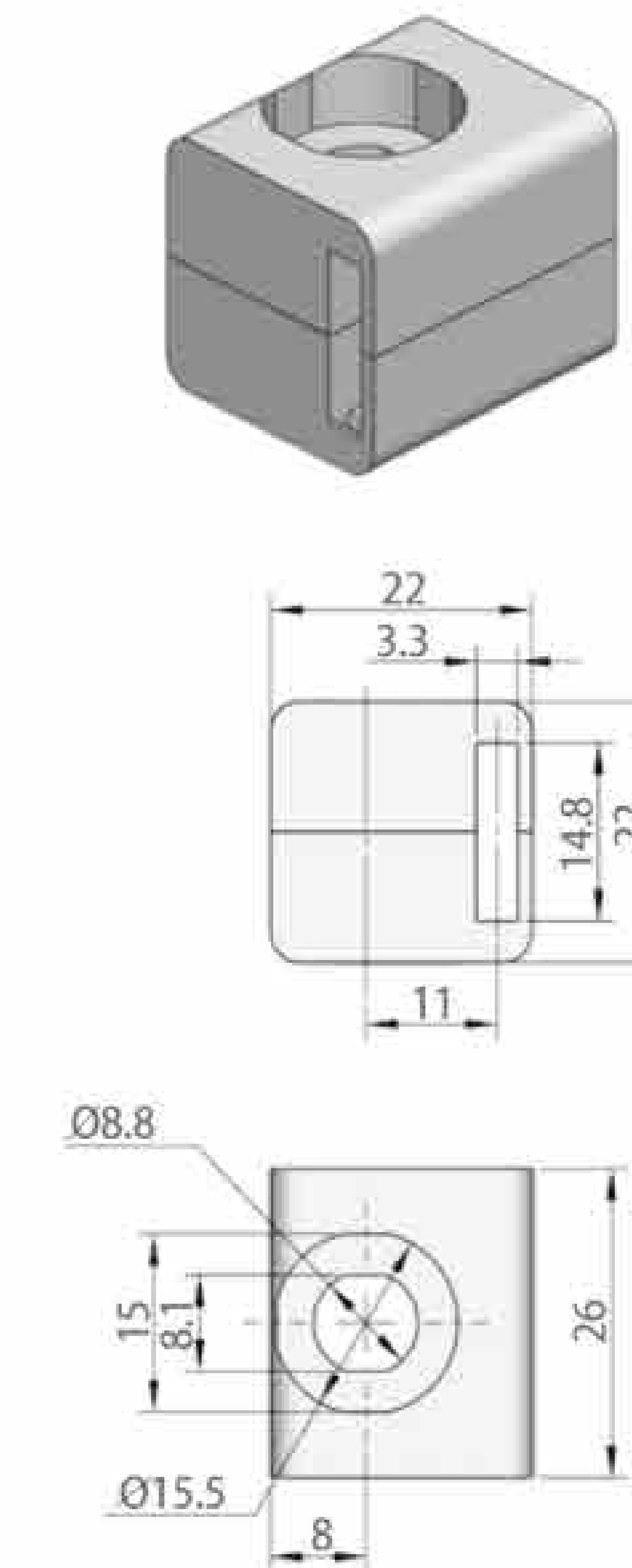


RG001-1



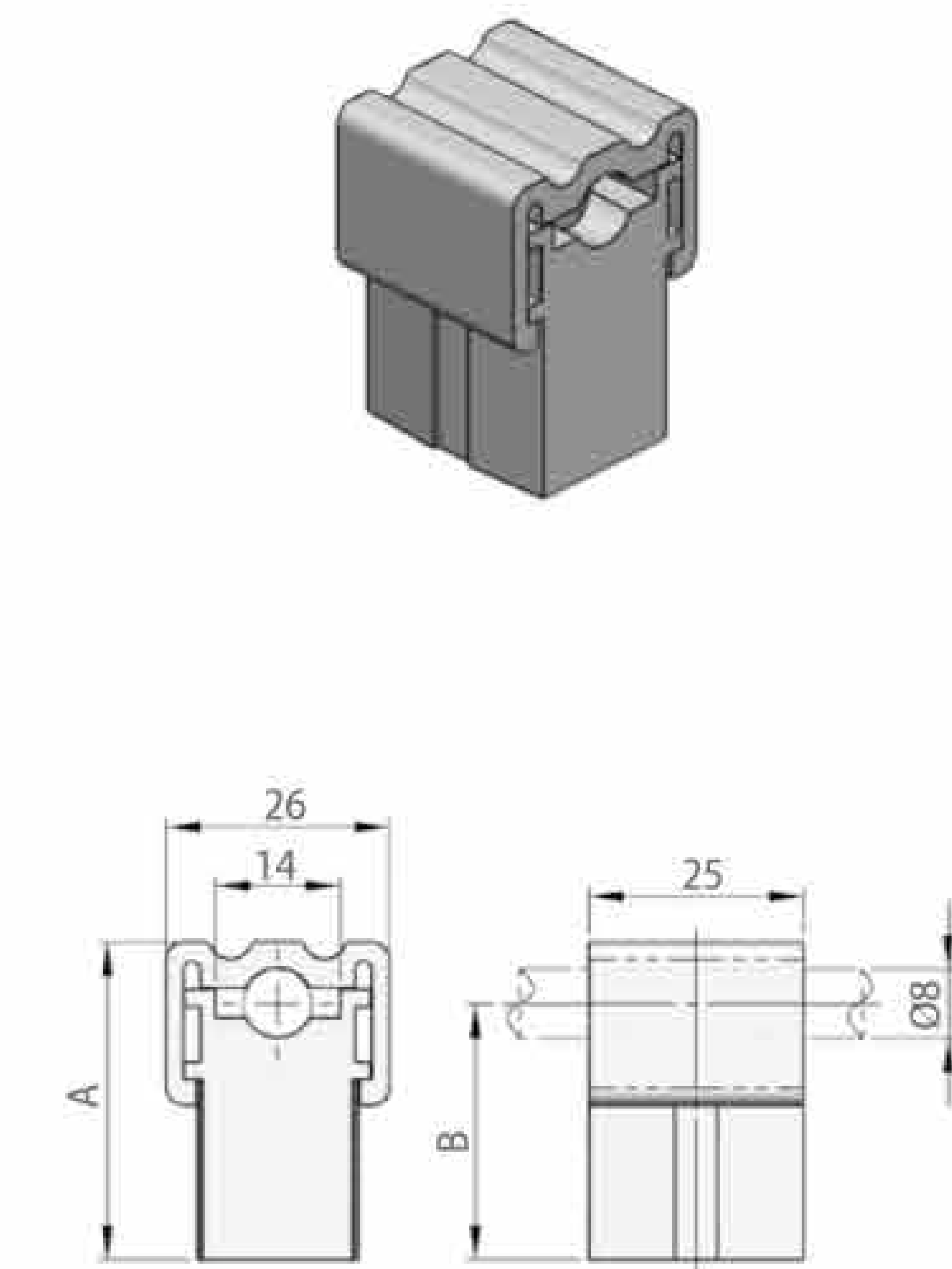
Black PA guide, fix with M6*16~20 weld screw

RG001-3



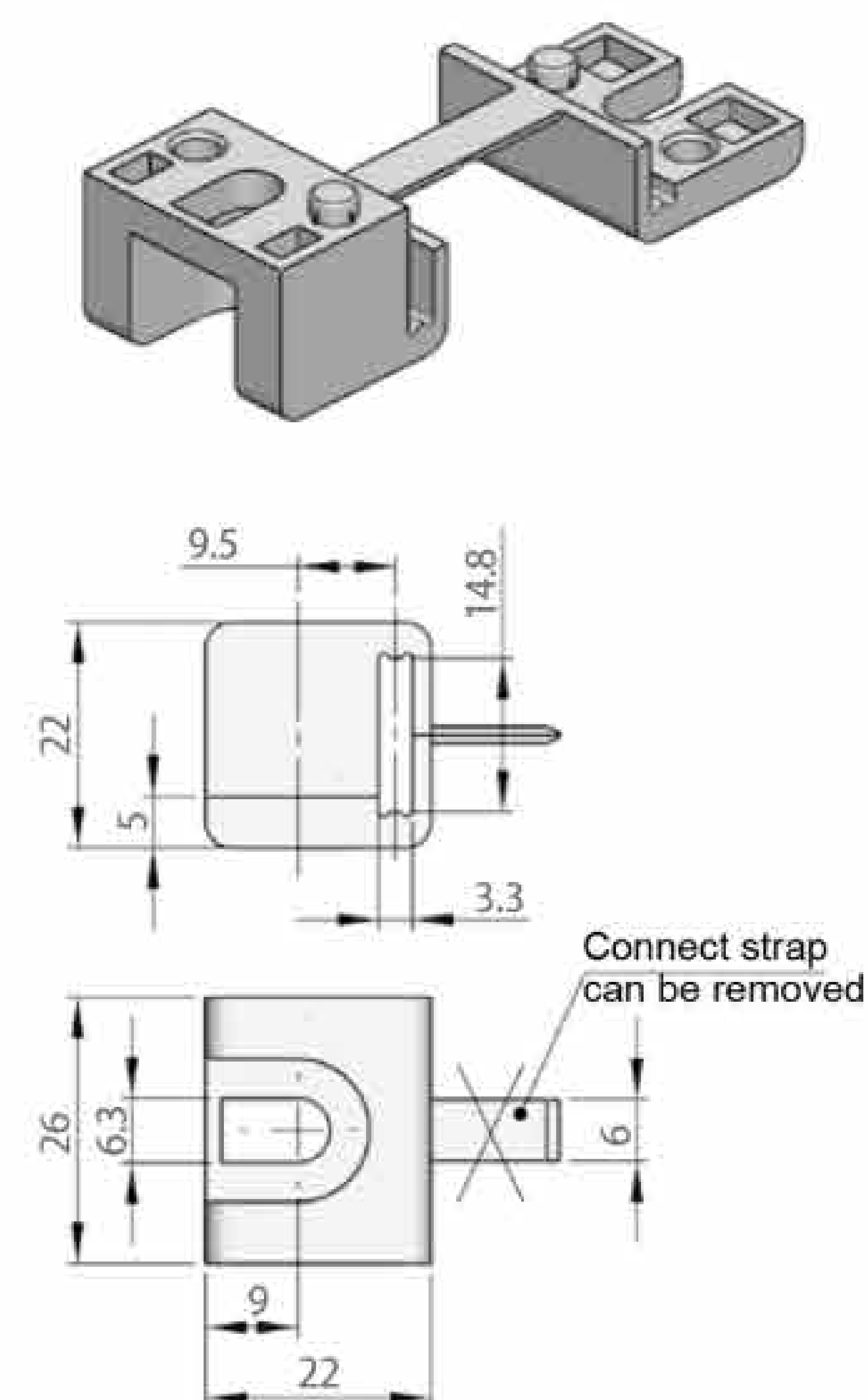
Black PA guide, zinc-plated nut, fix with
M6*16~20 weld screw

RG002-A



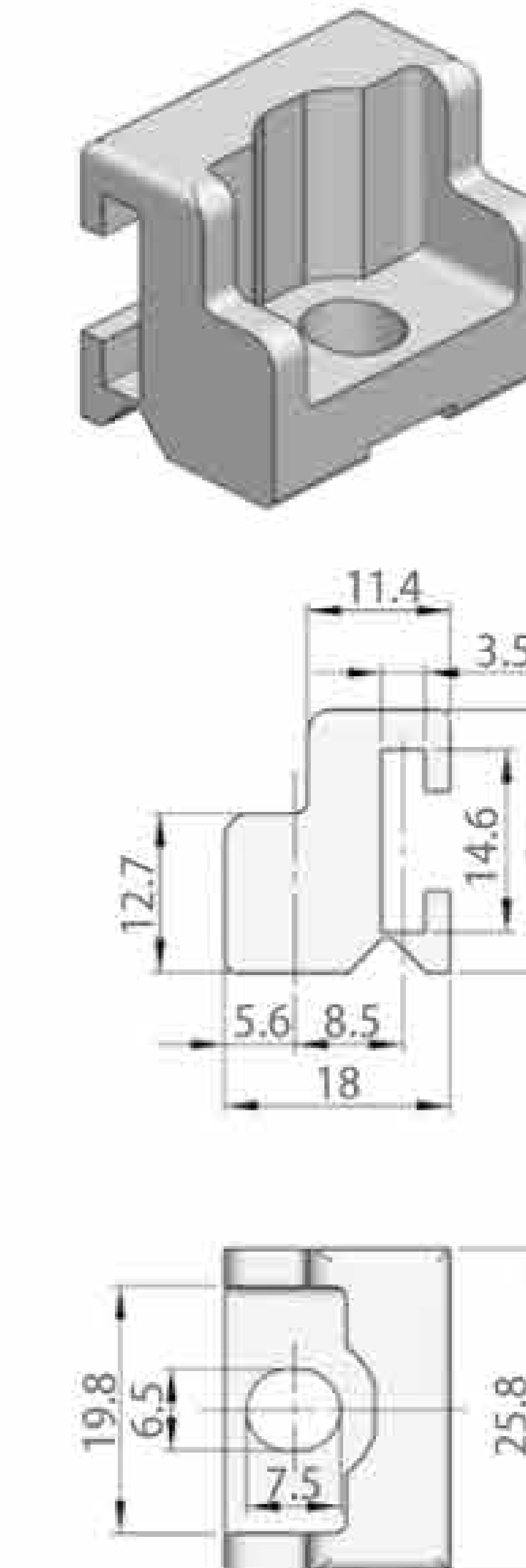
Black PA guide, nut inside, match with flat rod and round rod

RG001-2



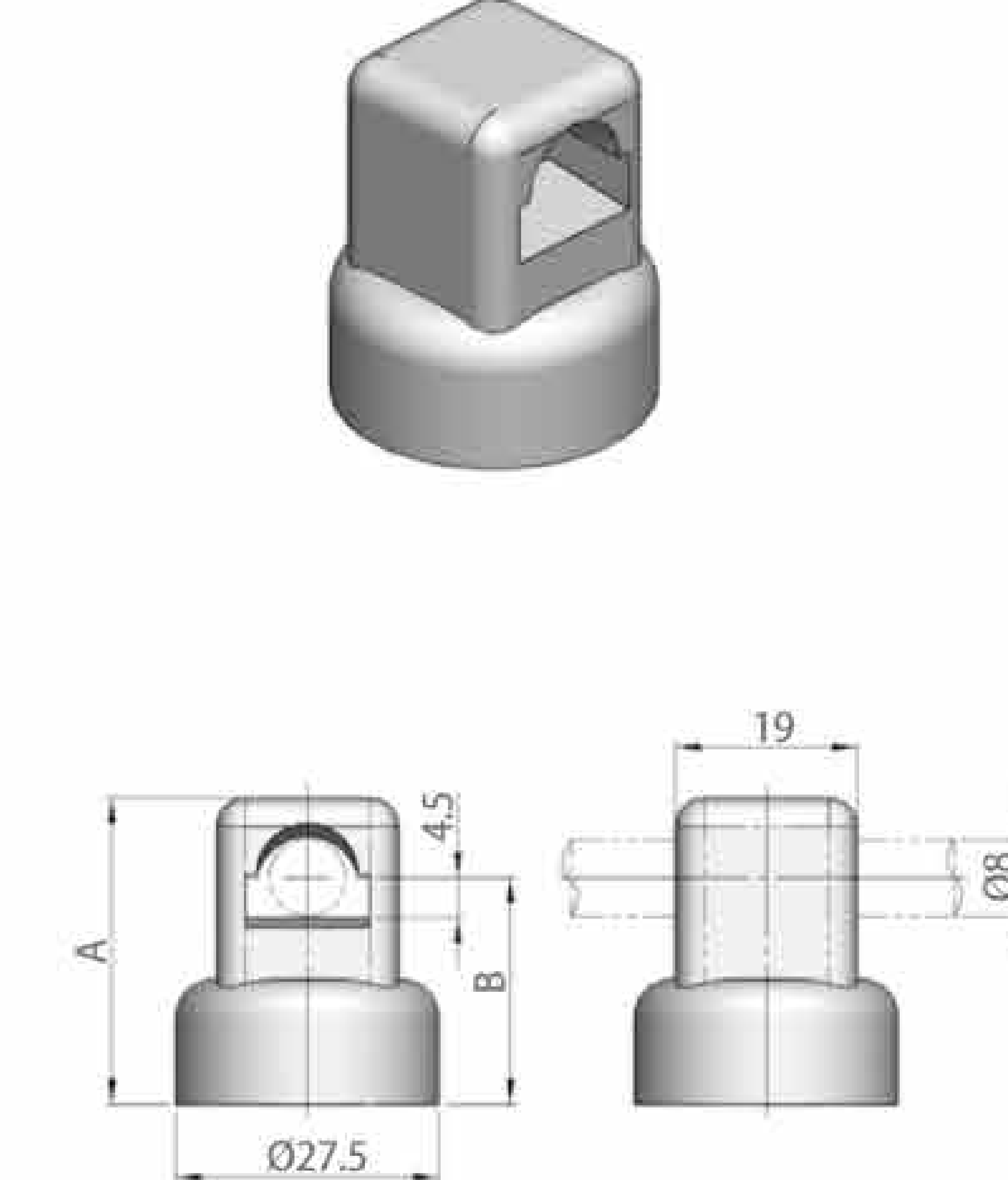
Black PA guide, fix with M6*16~20 weld screw, connect strap can be removed

RG001-8



Black PA guide, fix with M6*16~20 weld screw

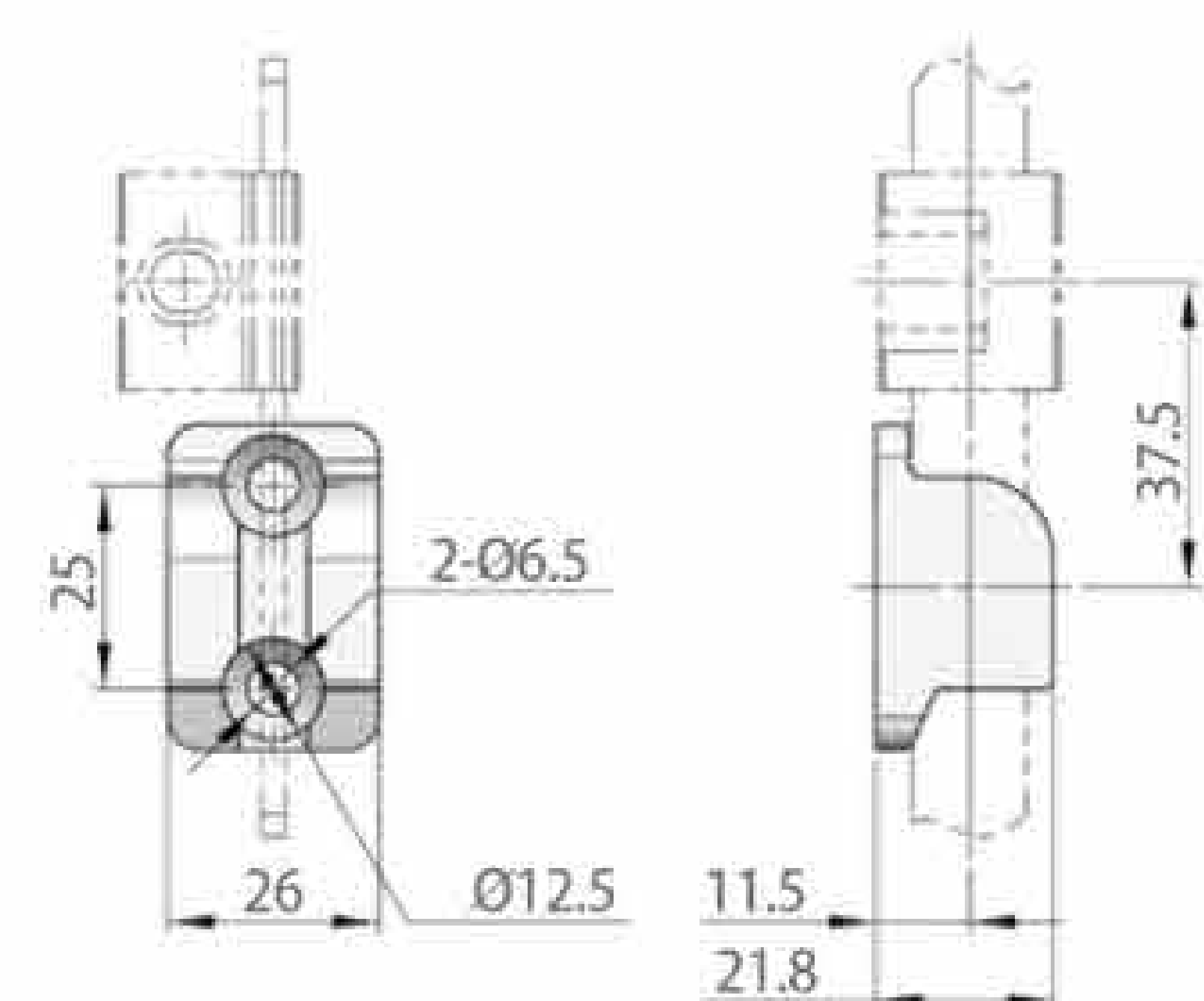
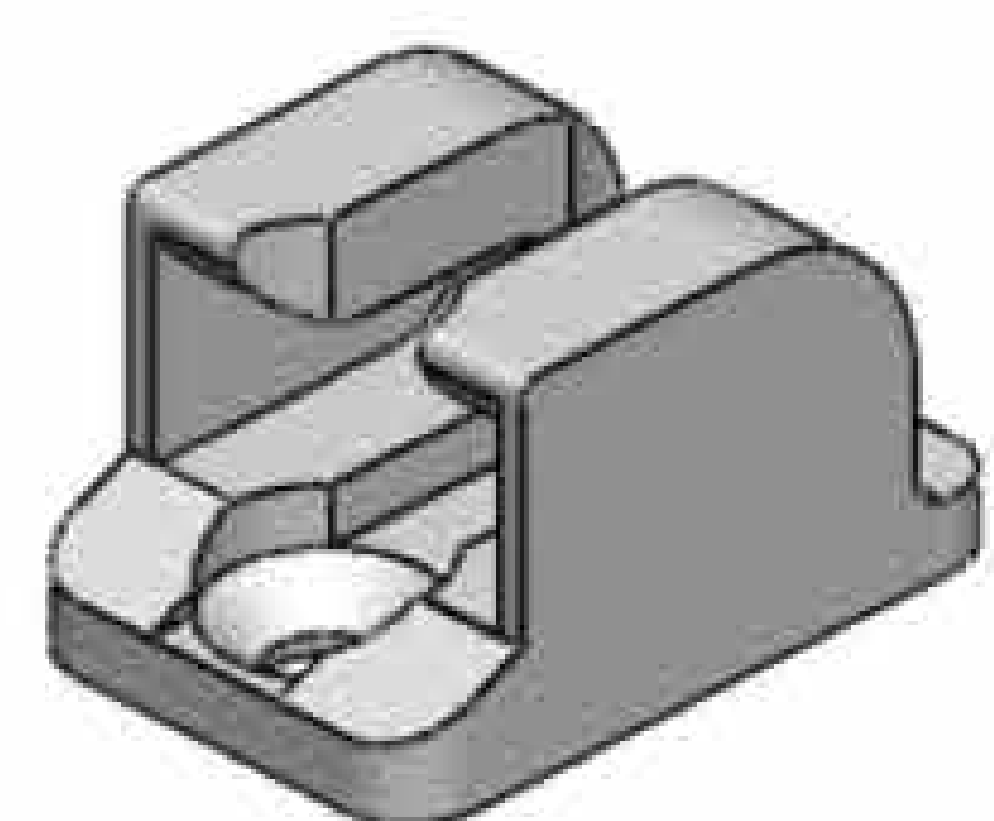
RG002



Black PA guide, nut inside

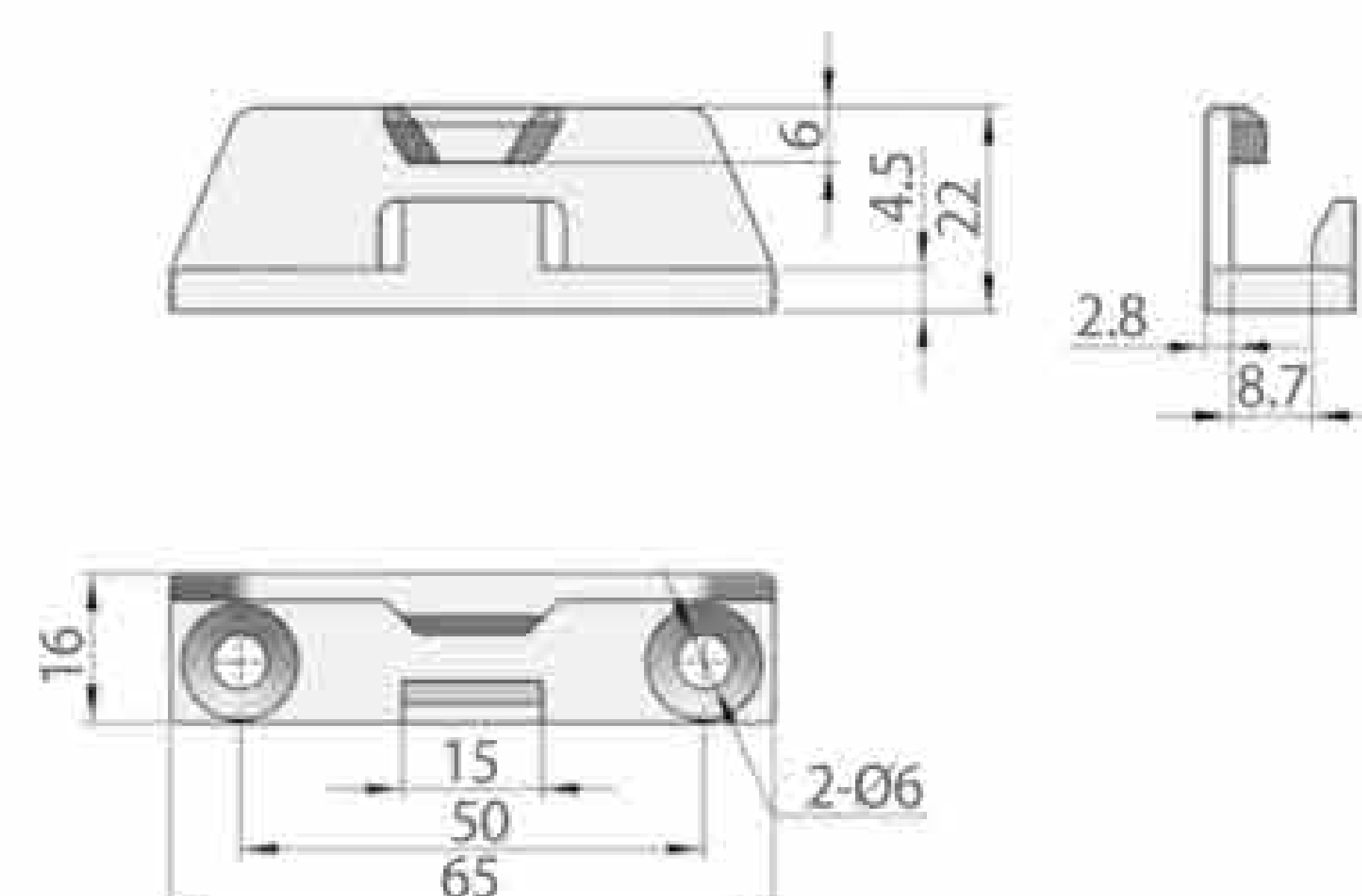
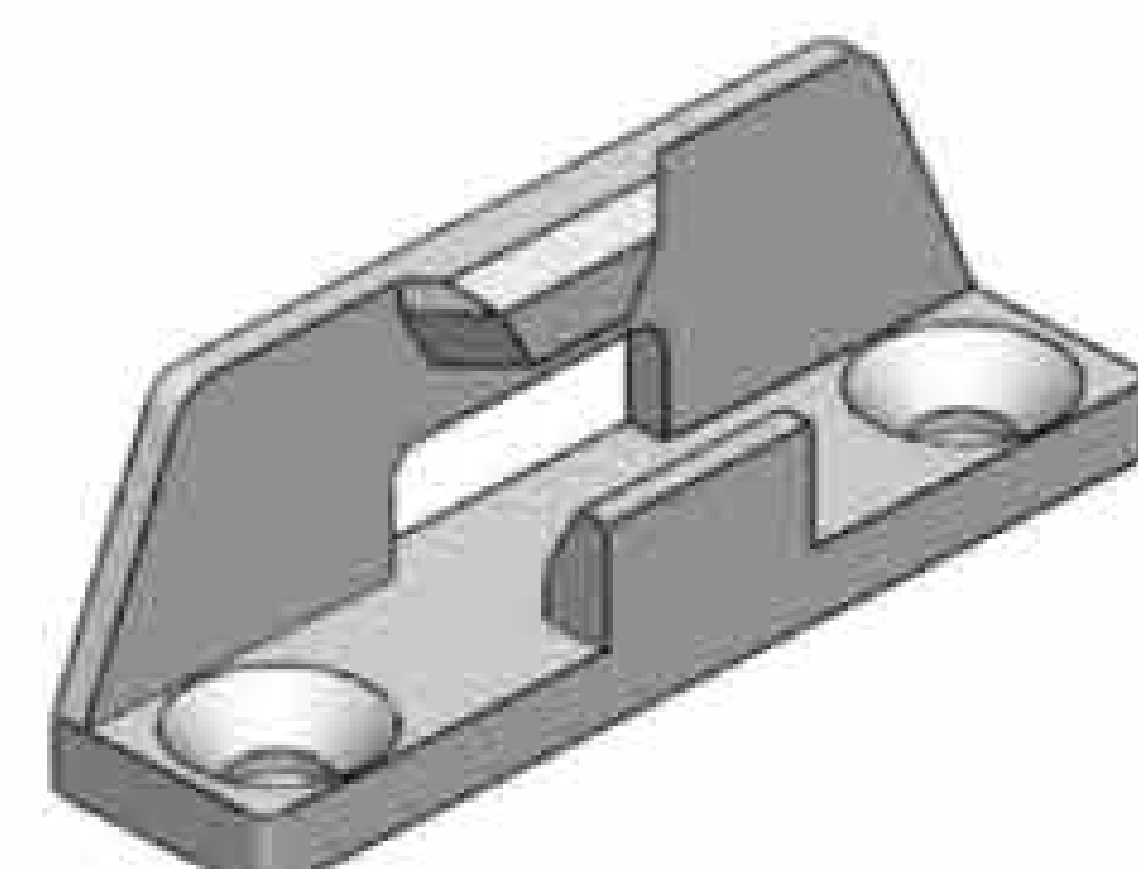
Zinc-plated steel, flat rod, match with RG003-2

RG003-1



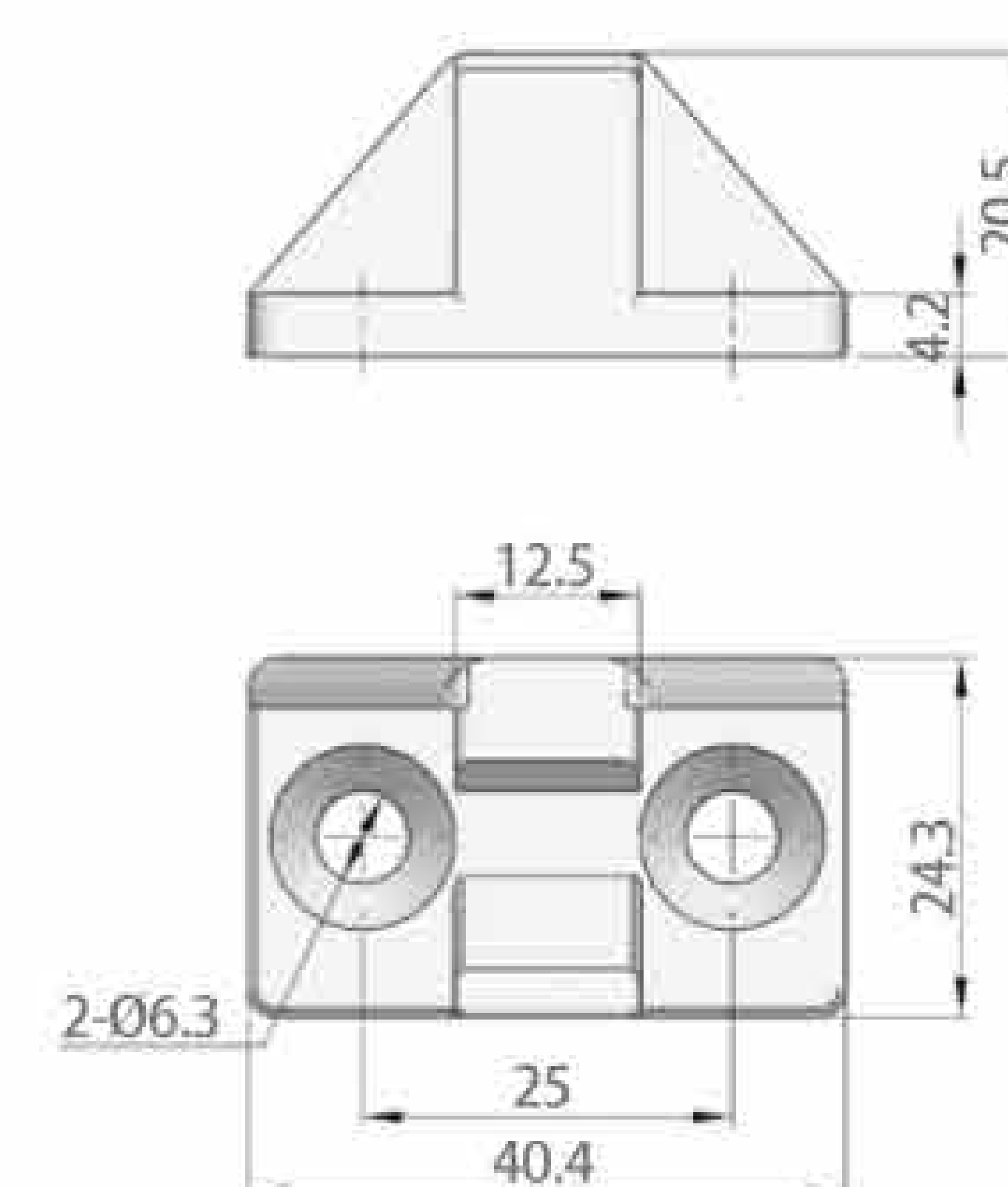
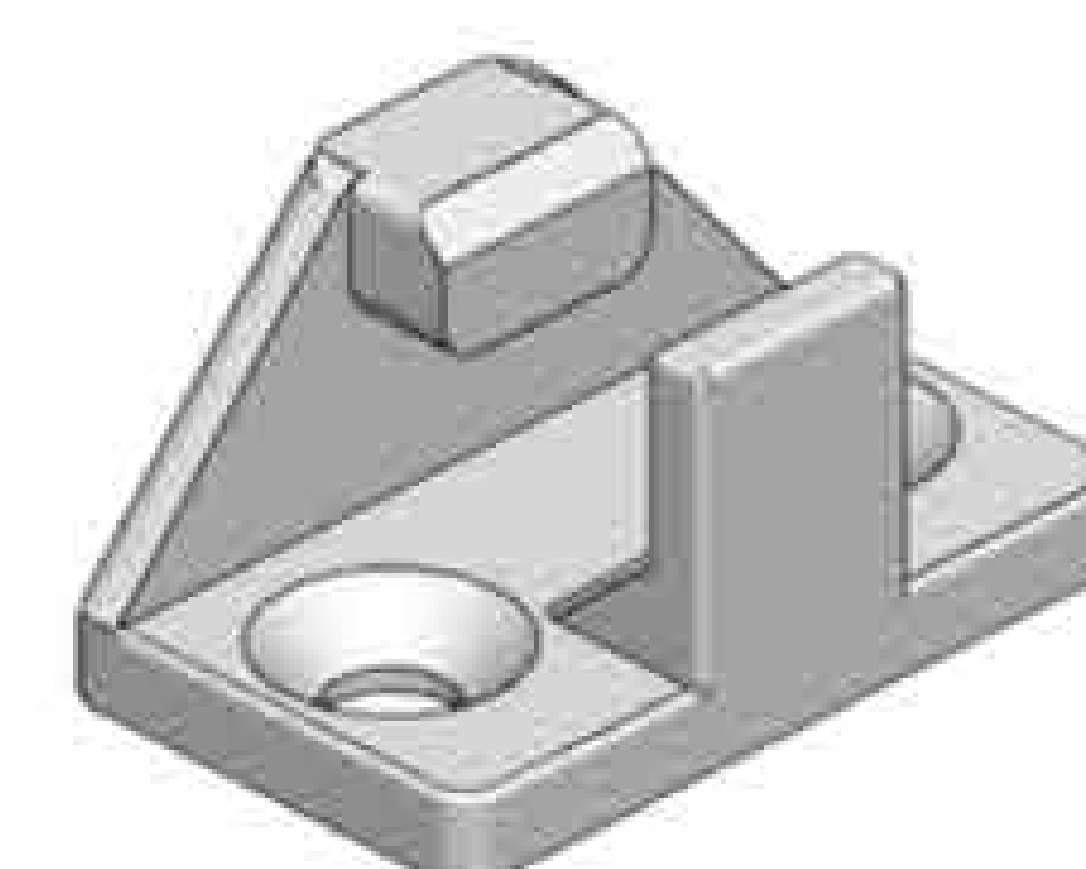
Black ZDC catcher, match with the rod white rivet

RG003-8



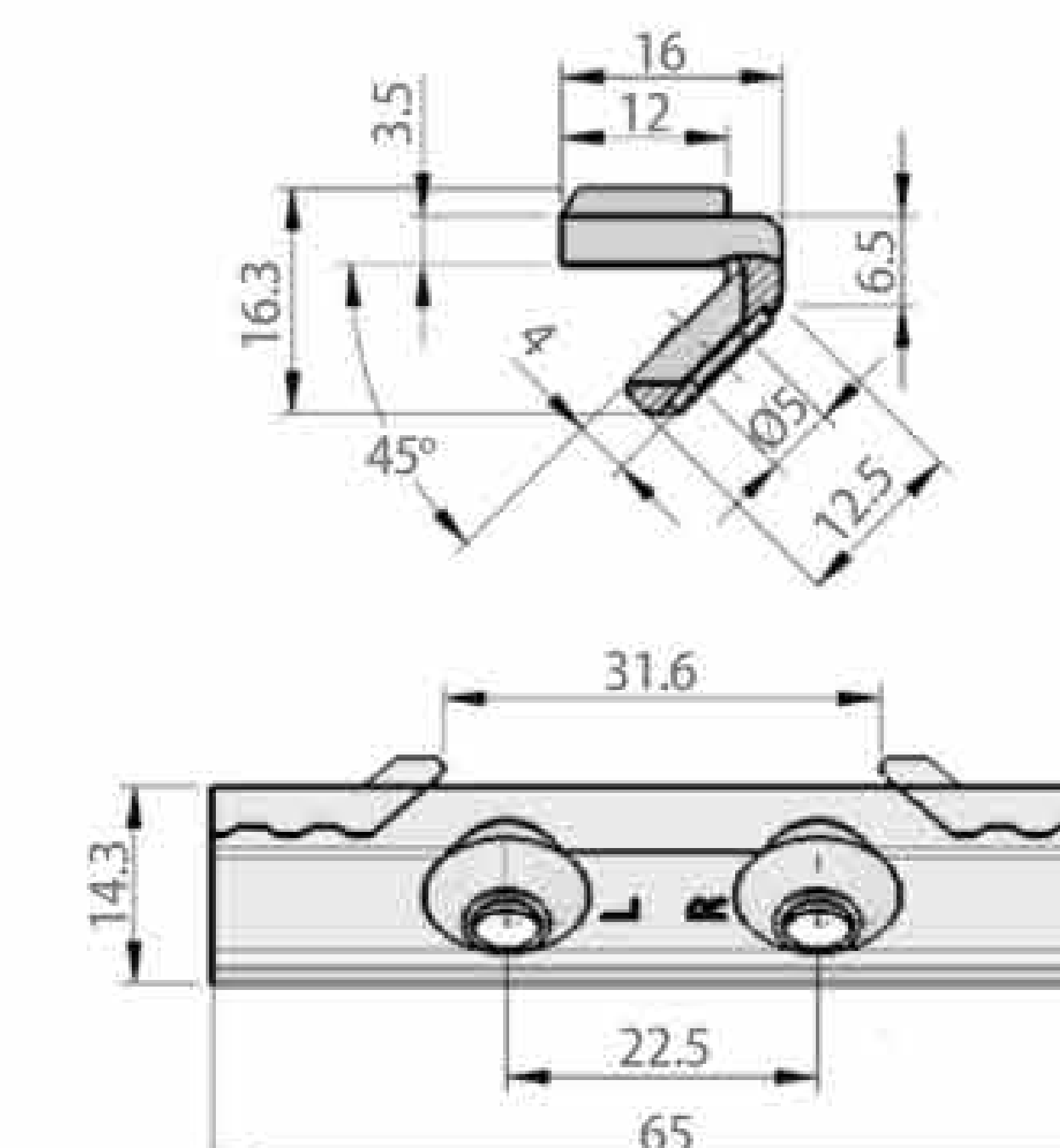
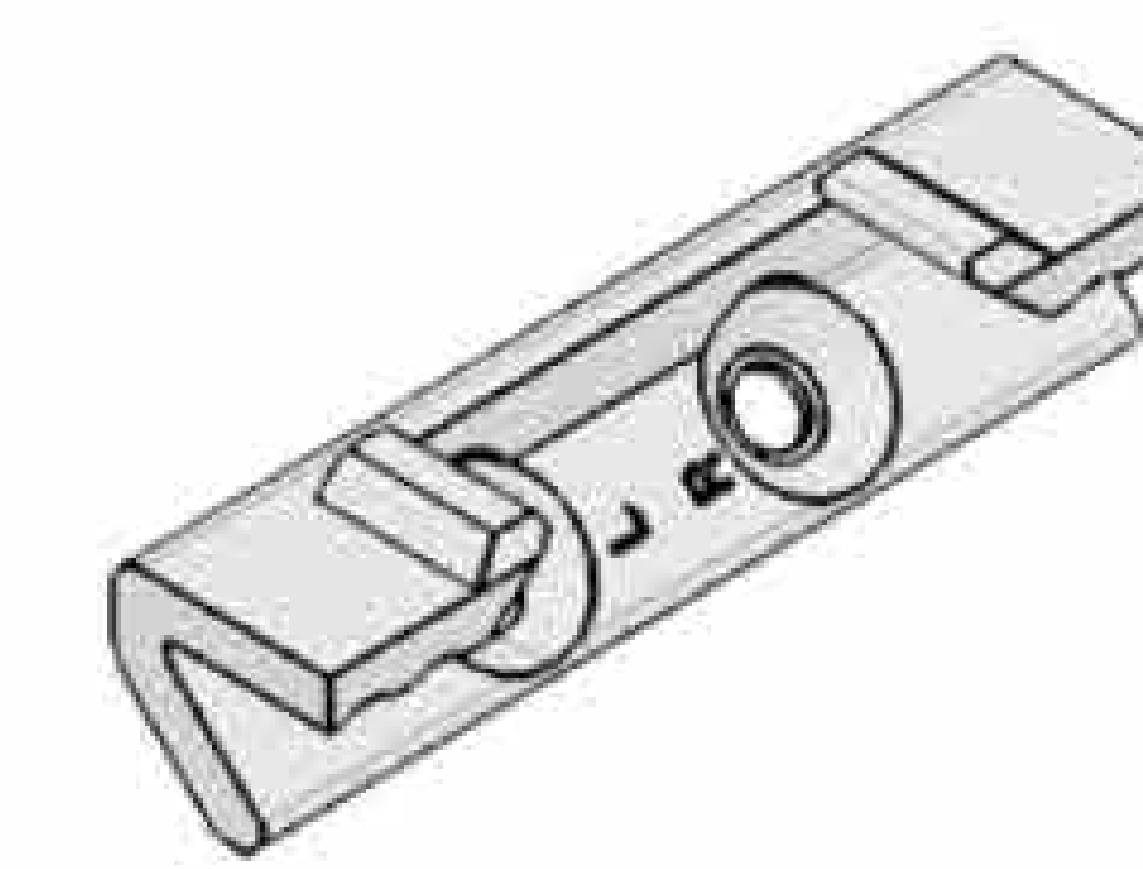
Zinc plated ZDC cassette catcher, fixed with M6 countersunk head screw.

RG003-9

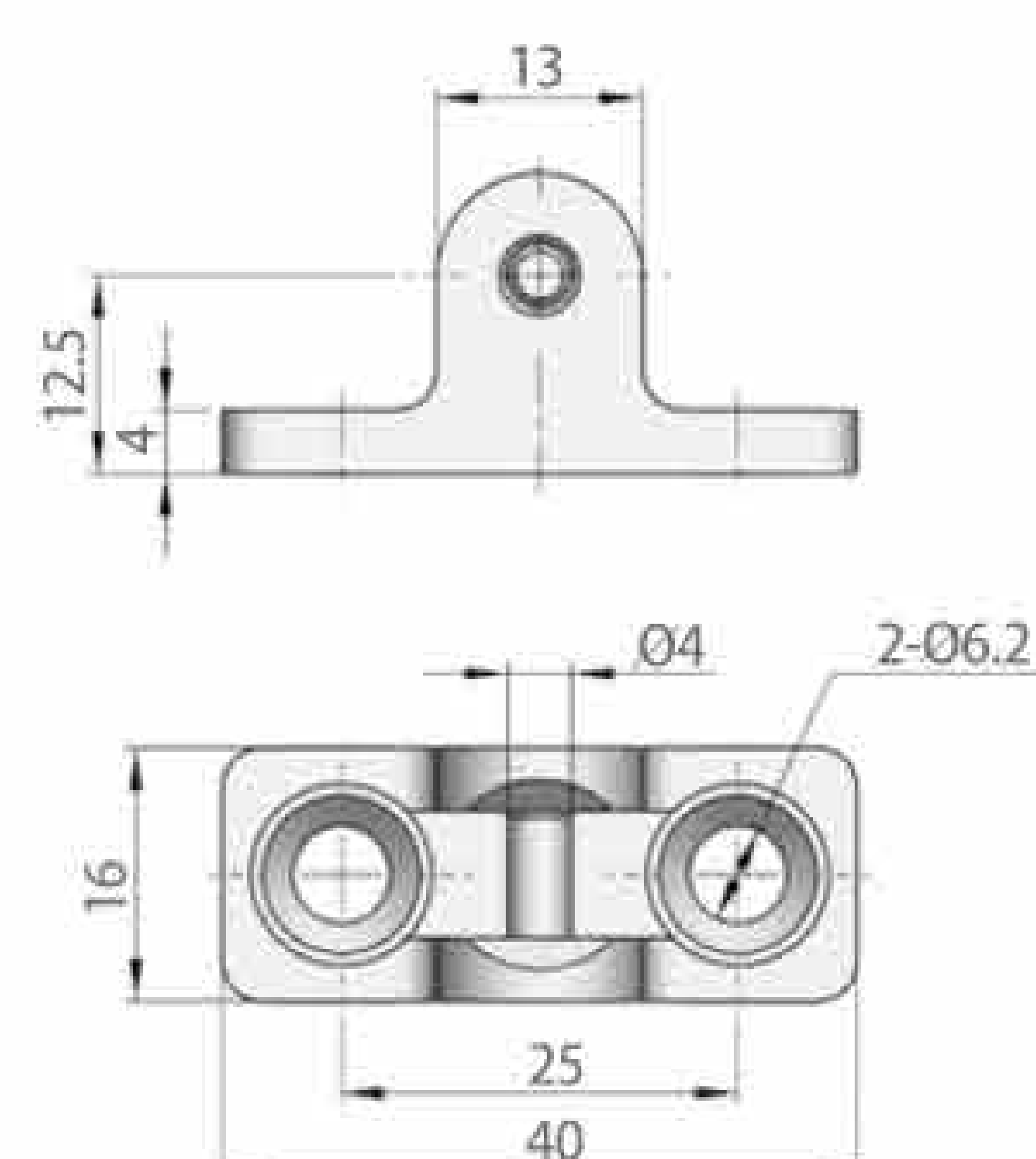
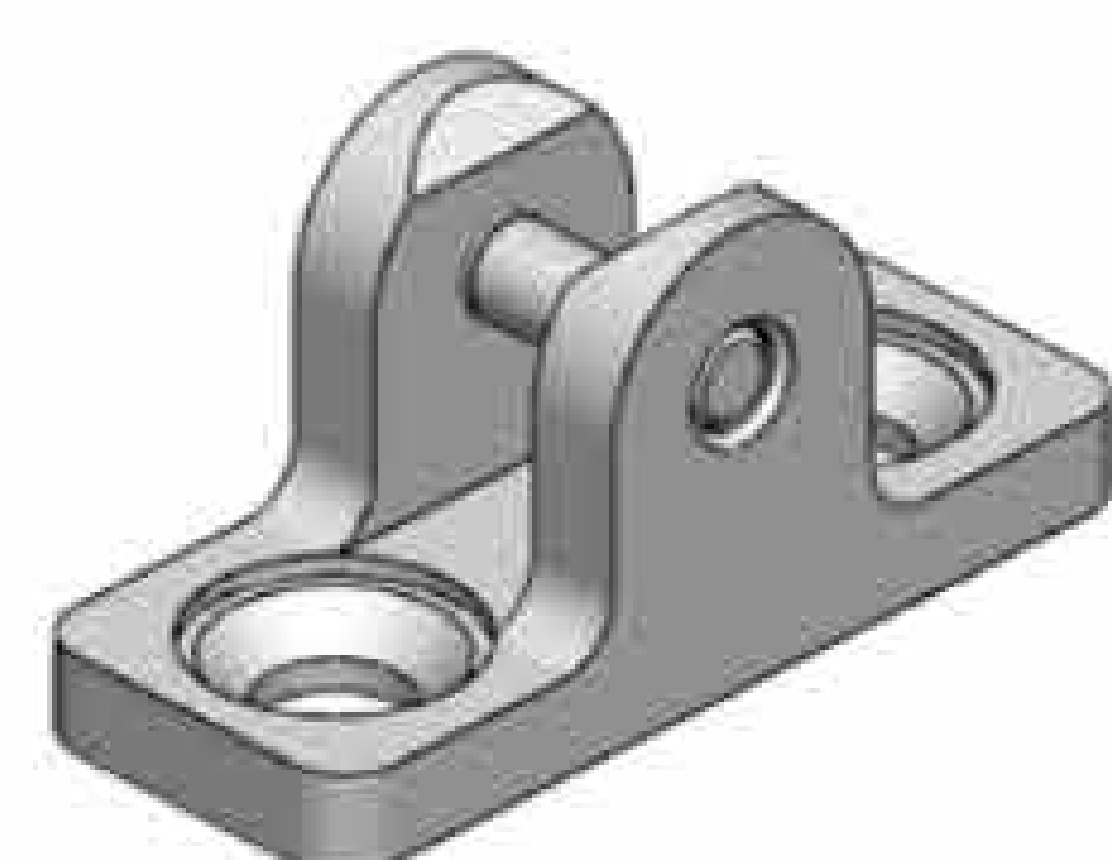


Zinc plated ZDC Cassette fixed buckle, fixed with M6 countersunk head screw.

RG003-15

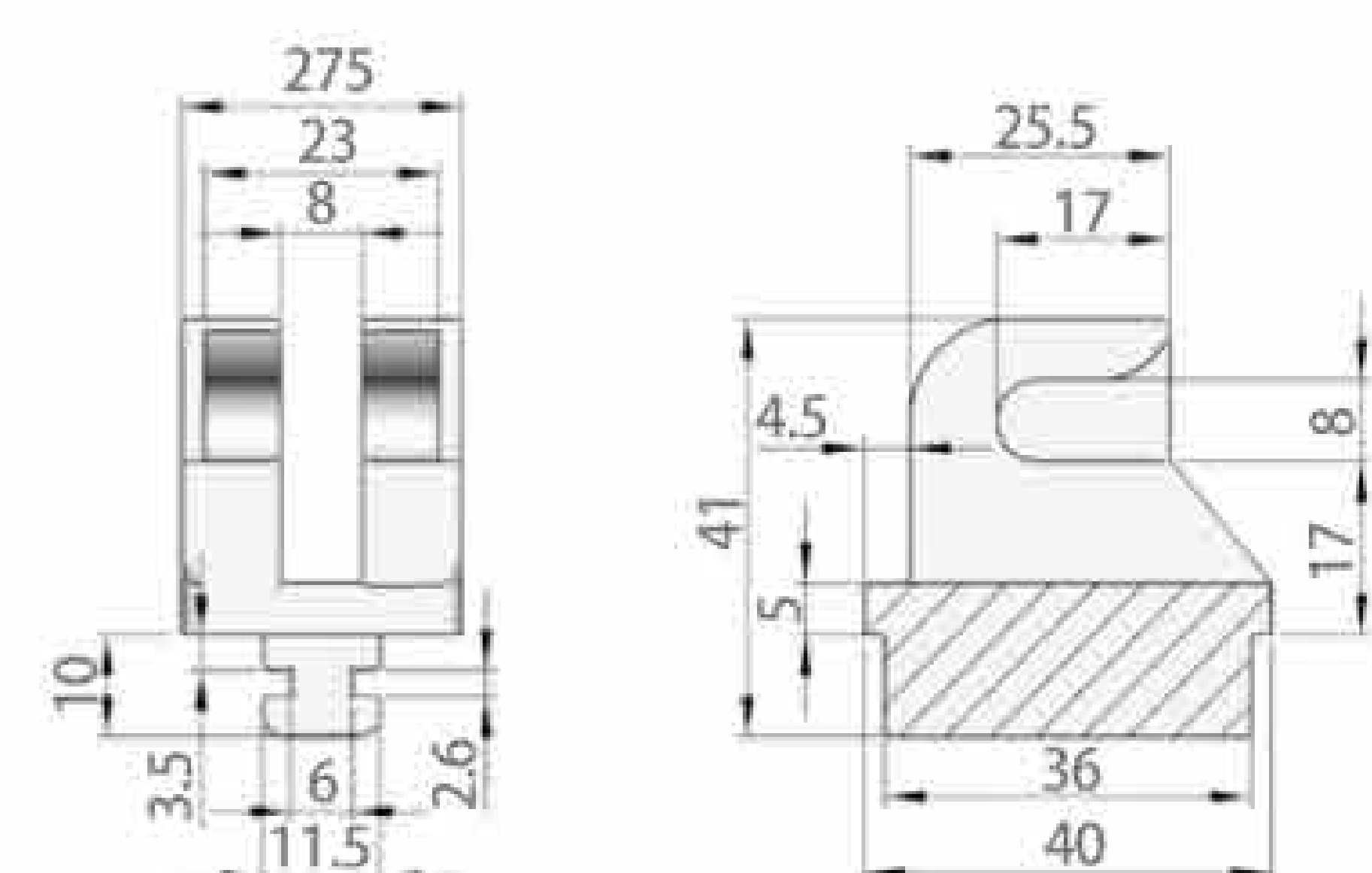
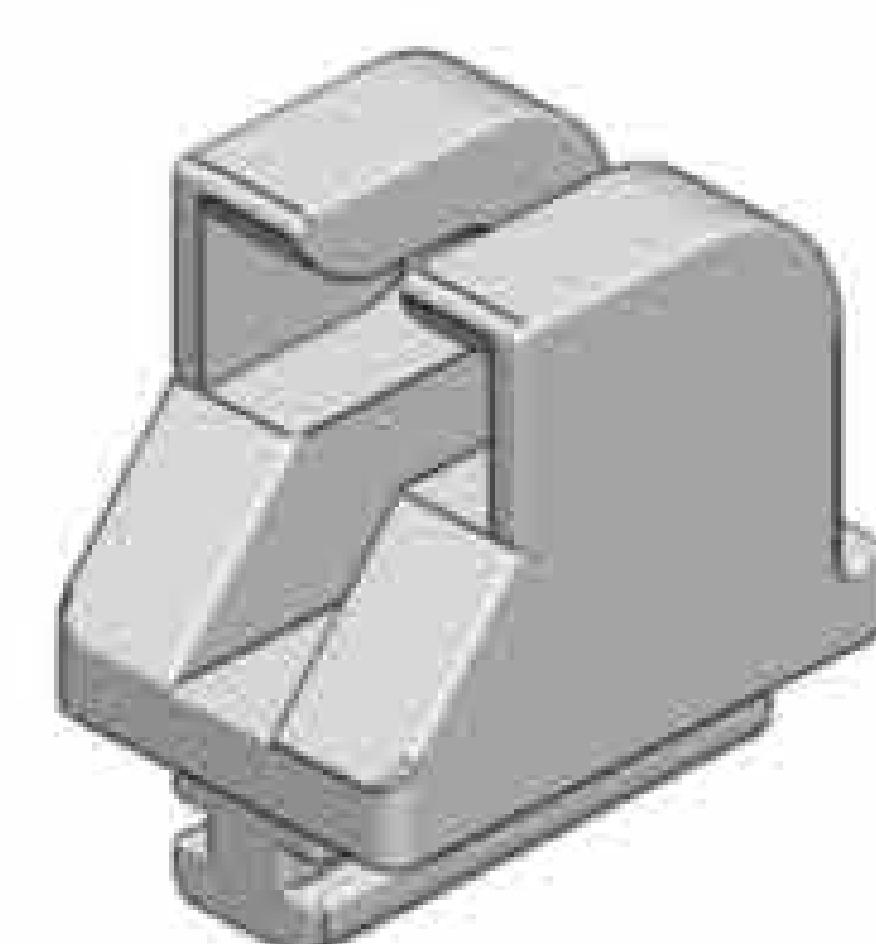


RG003-4



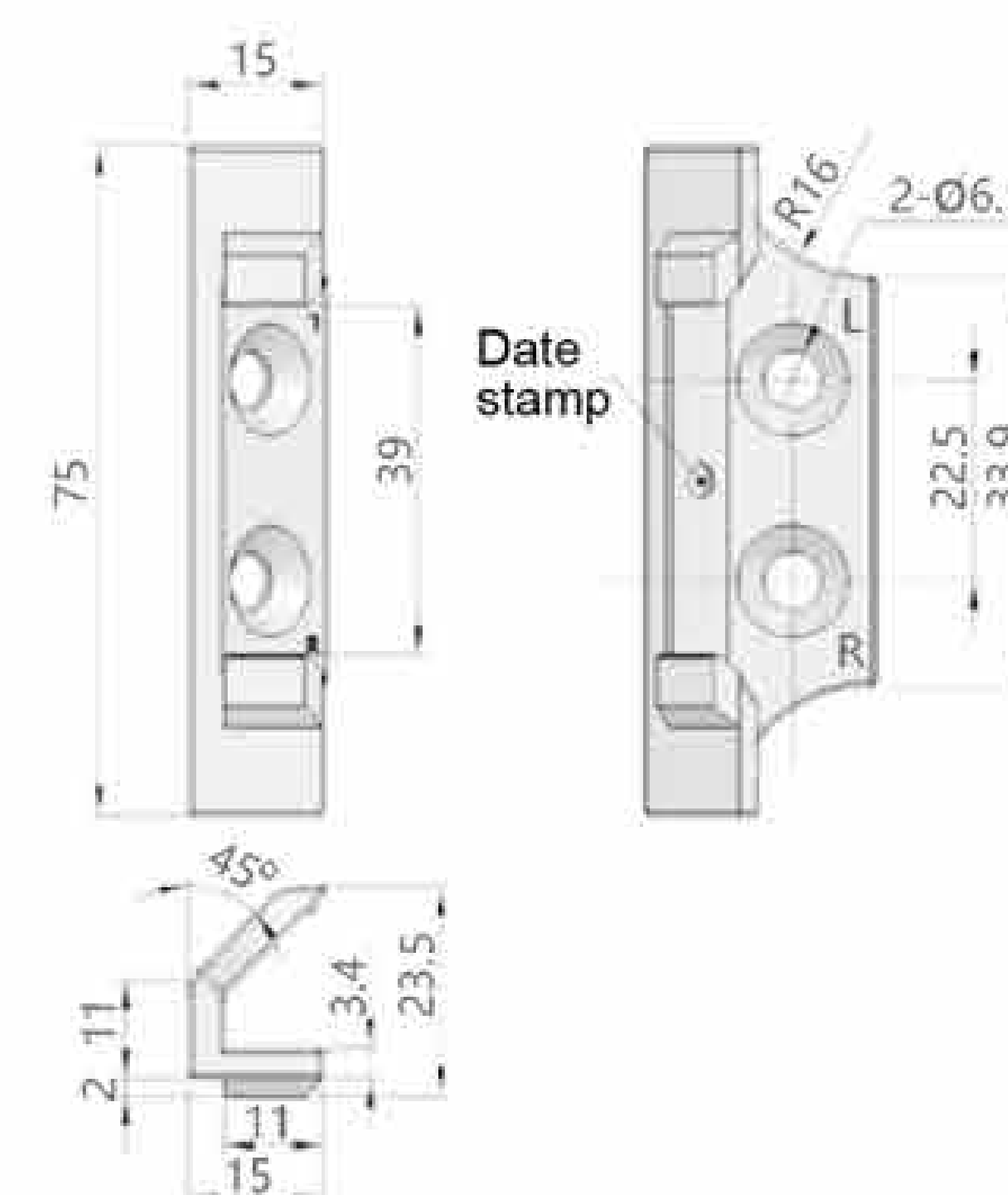
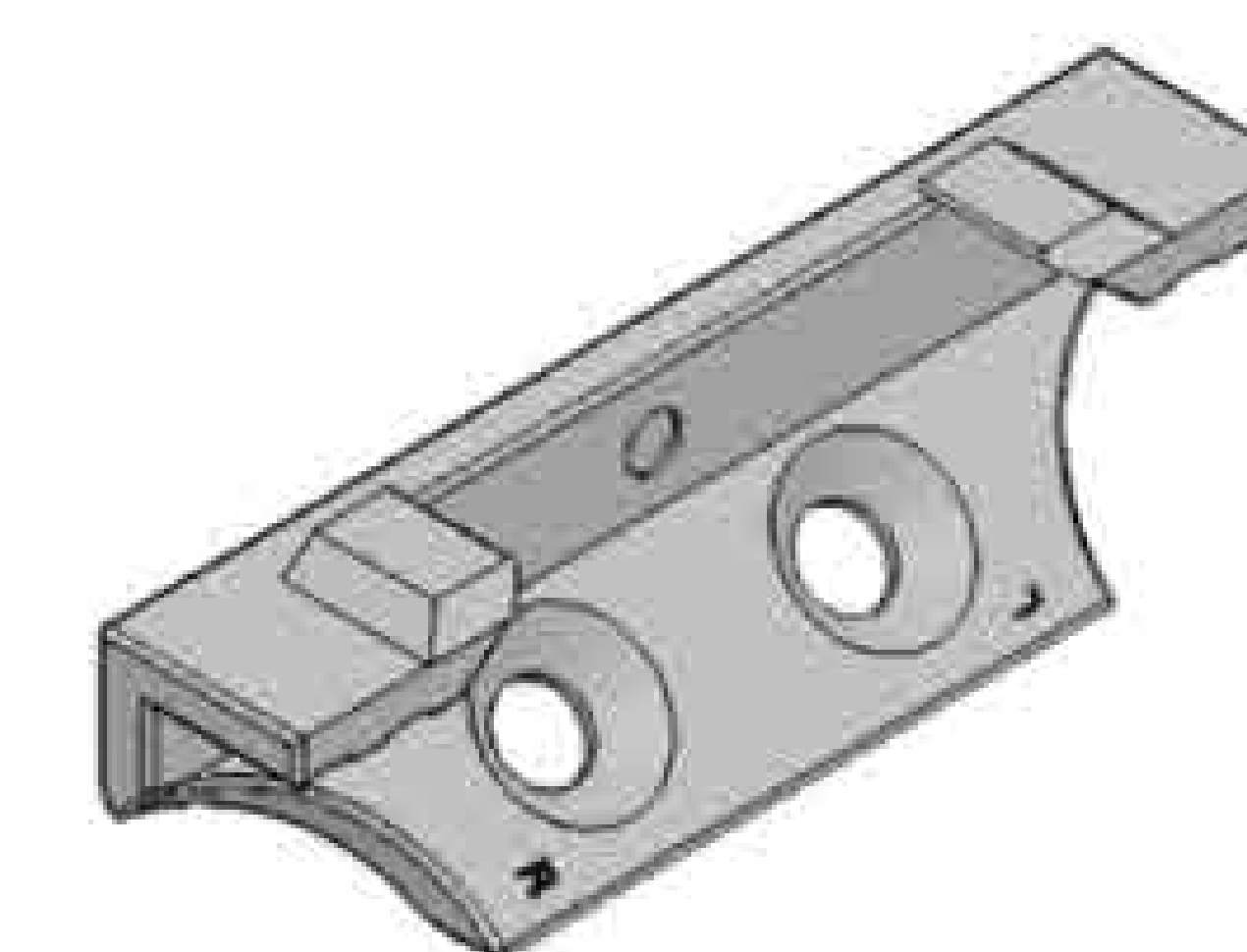
Zinc plated ZDC catcher, stainless steel pin, fixed with M6 screw.

RG003-11



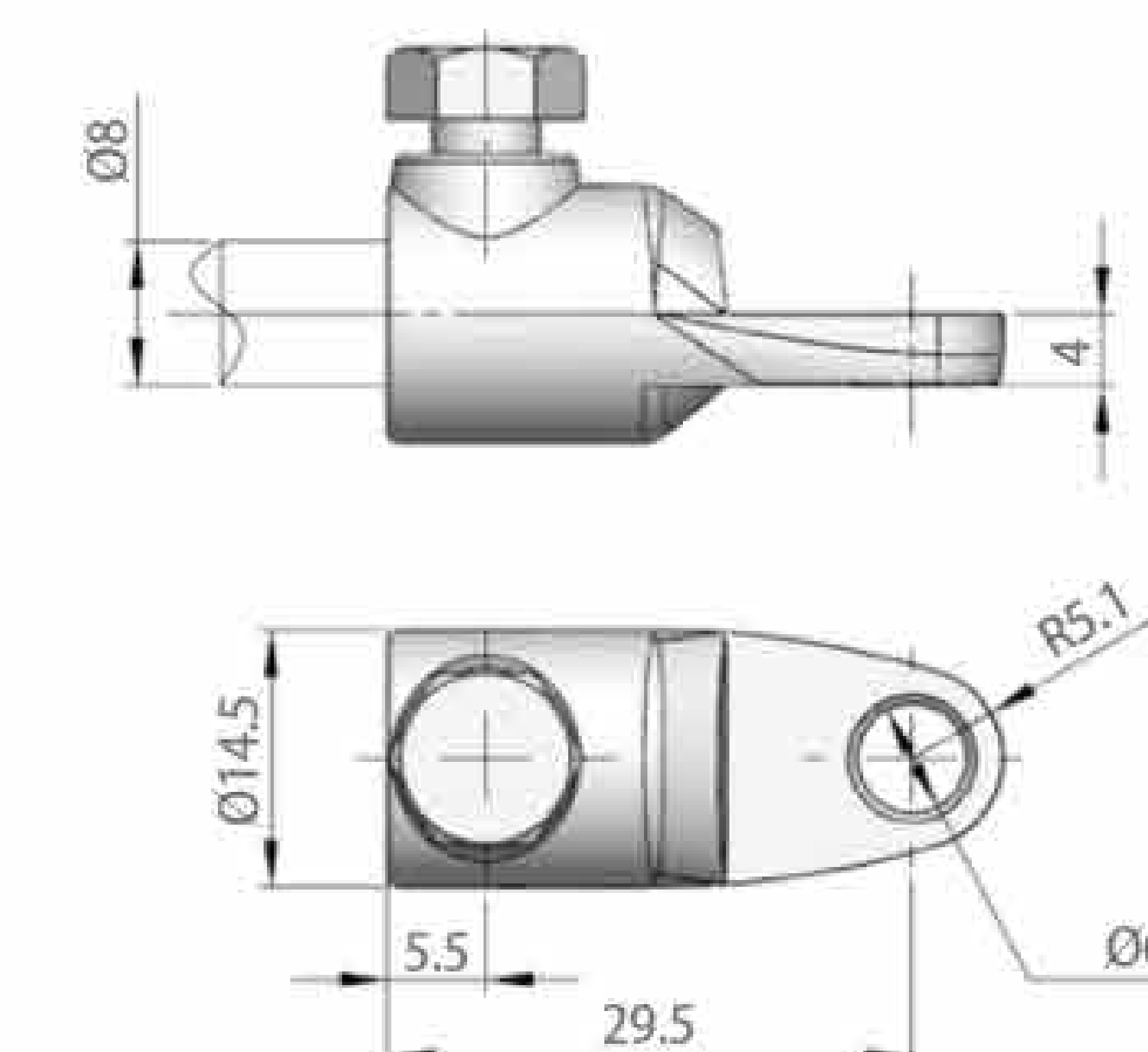
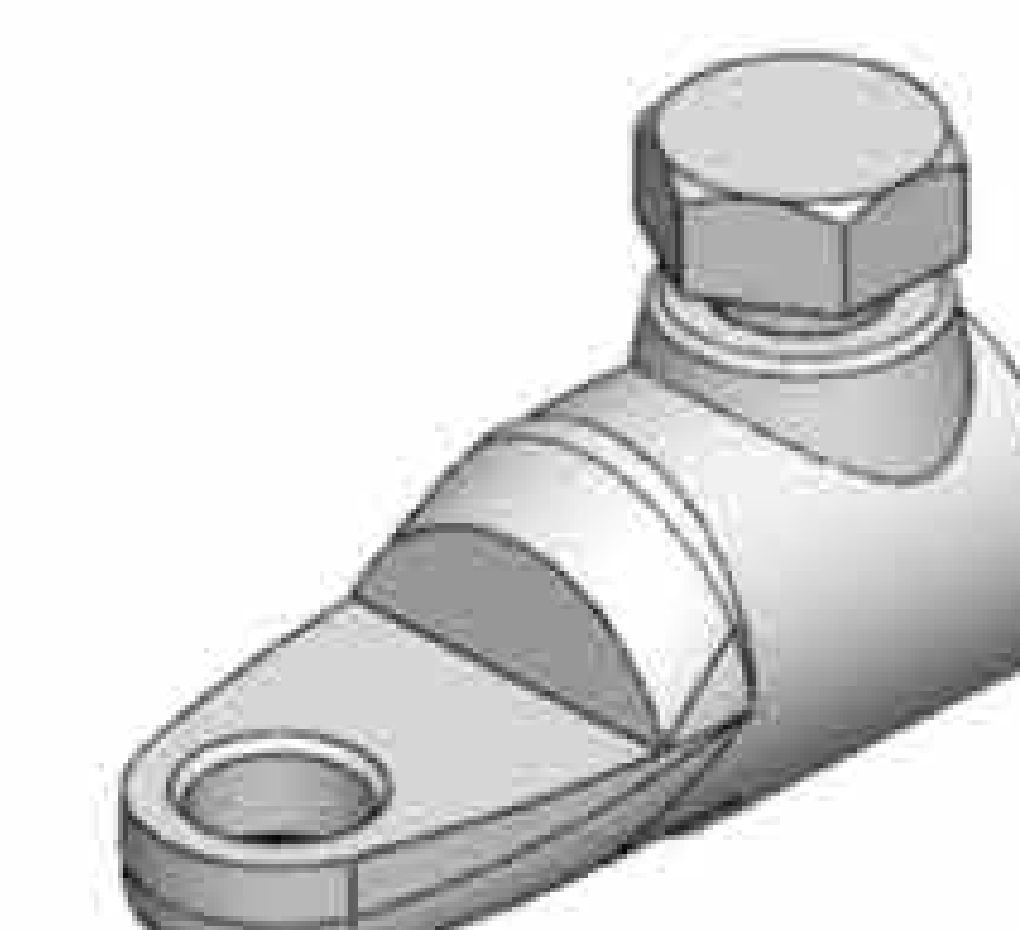
Zinc plated ZDC catcher, fixed with M6 countersunk head screw, match with locking pin flat rod.

RG003-14



Cam catcher; L and R available

RG006-1



Zinc plated ZDC, connect accessories, Zinc plated steel, M6 set screw.

Lock

Hinge

Handle

Draw Latch

Door Stop

Slide

Lock Accessories

Gasket

Lock

Hinge

Handle

Draw Latch

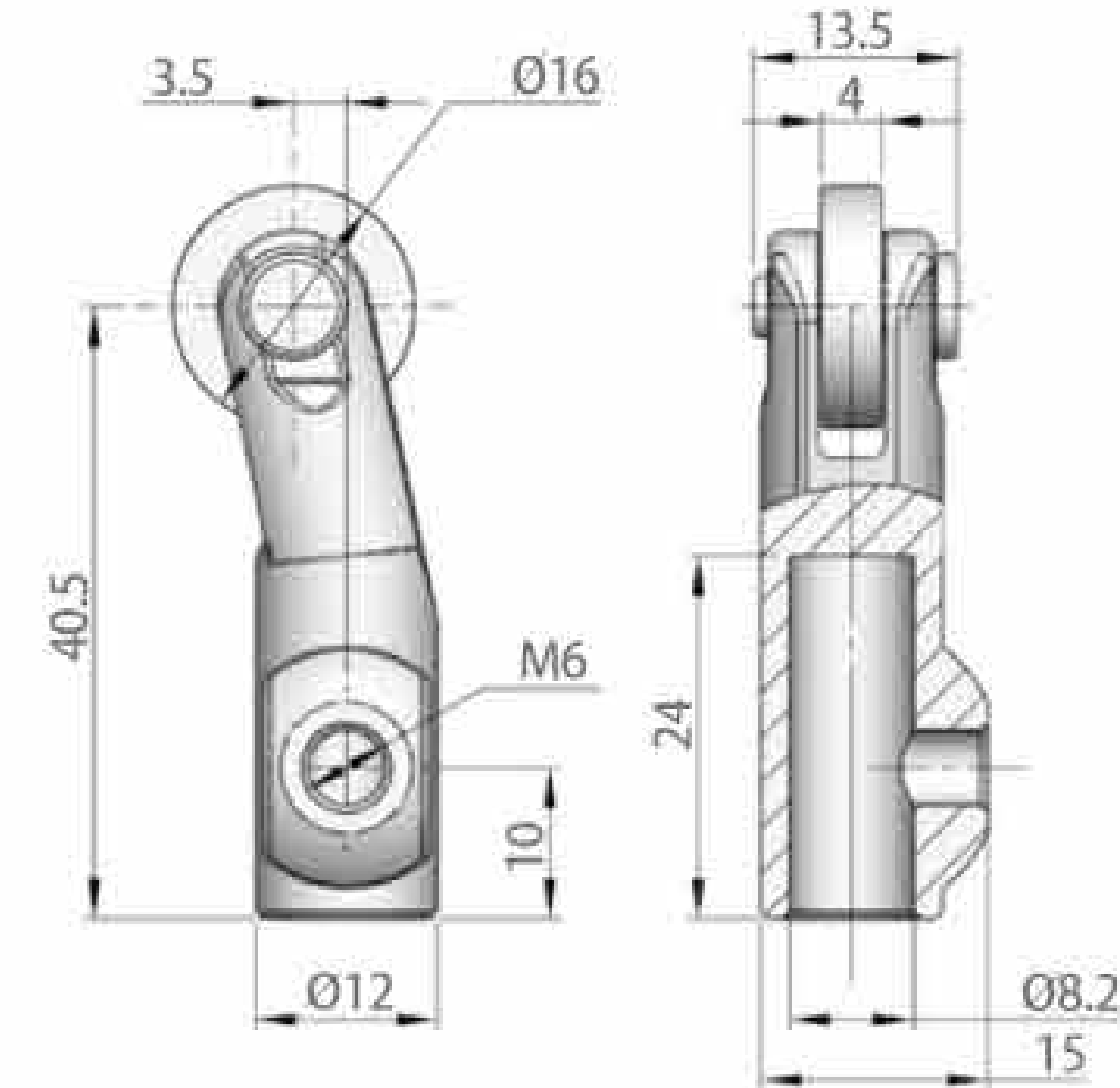
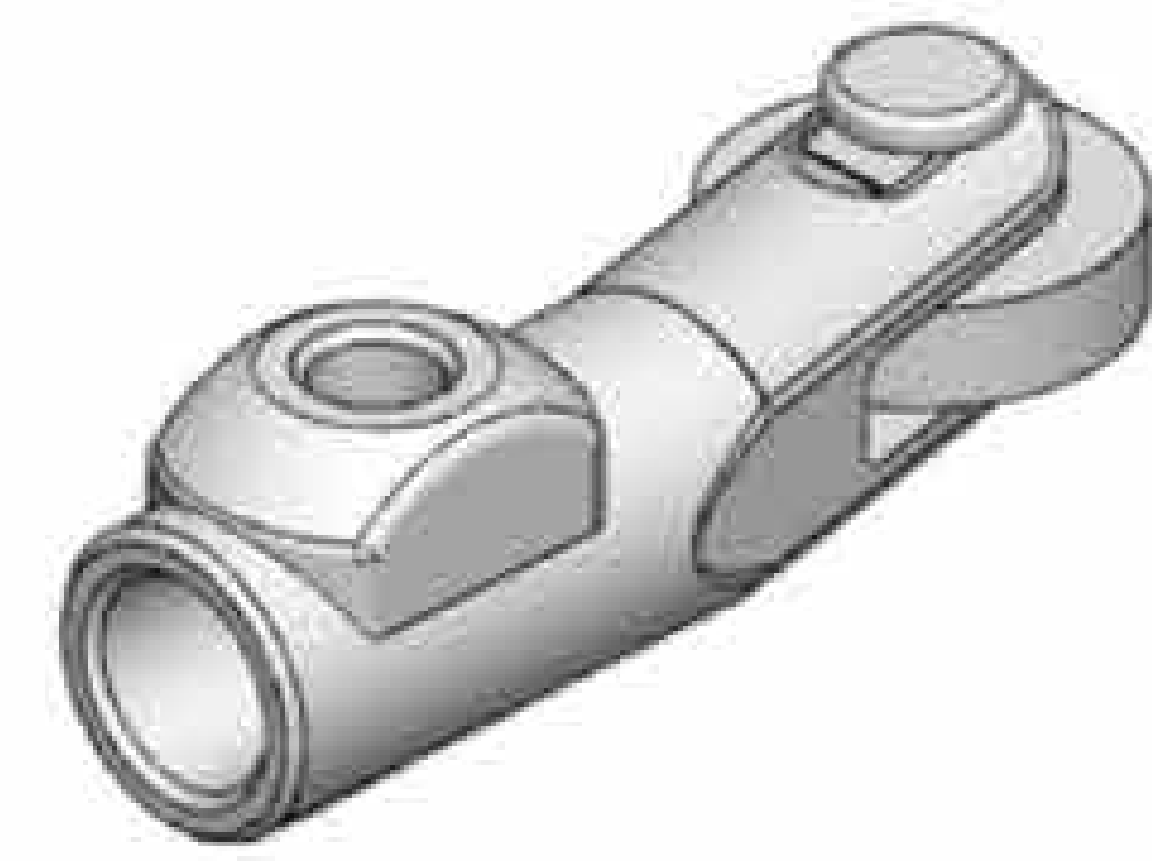
Door Stop

Slide

Lock Accessories

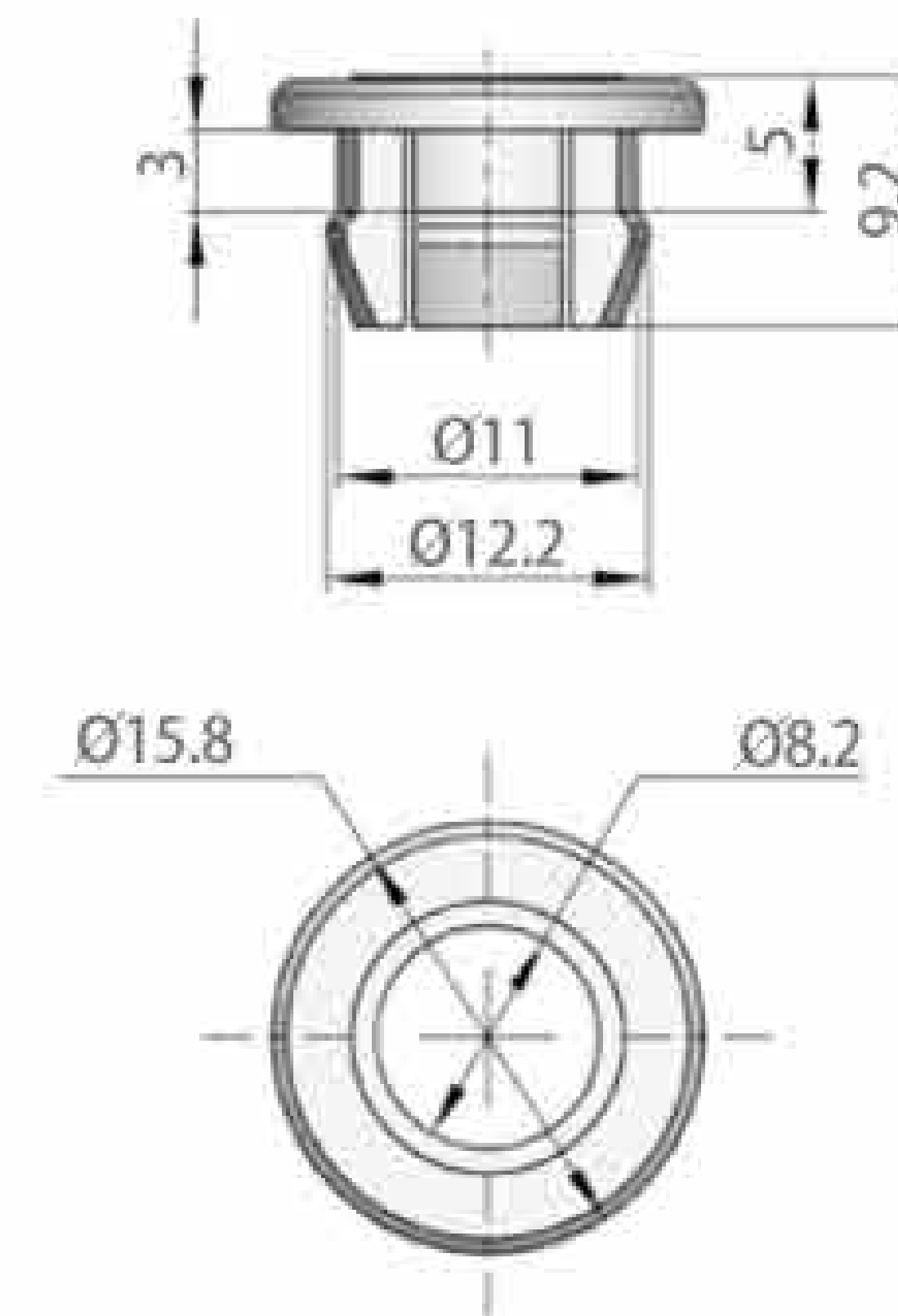
Gasket

RG007



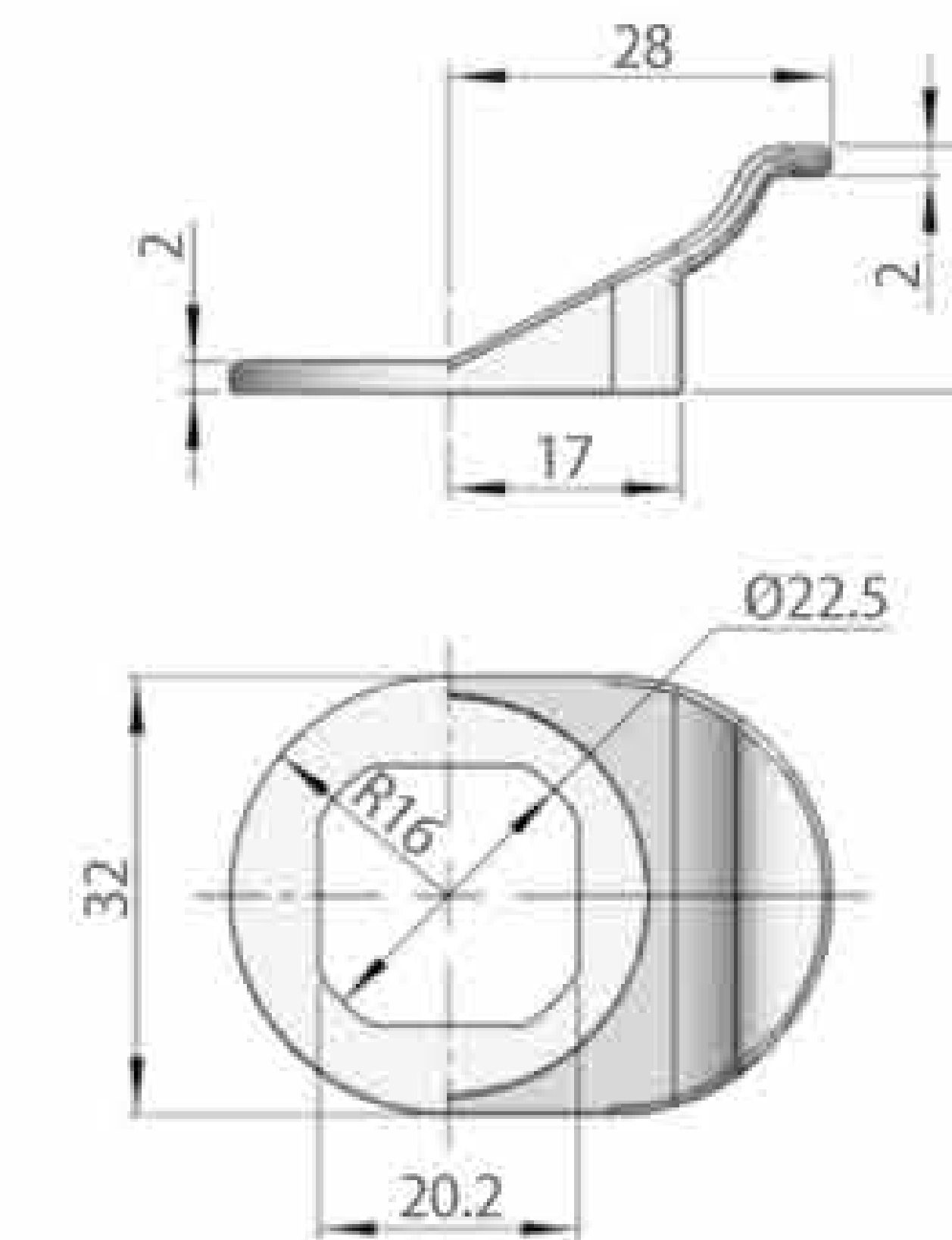
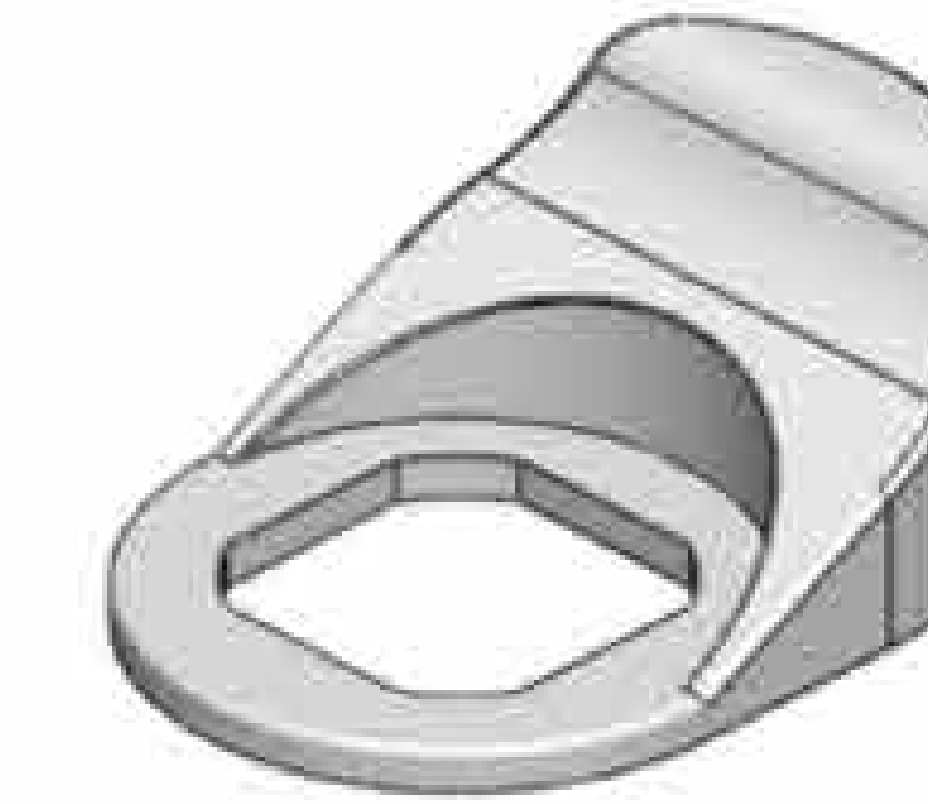
ZDC connect cover, nylon rolle, match with LG001-1 and LG003.

RG008



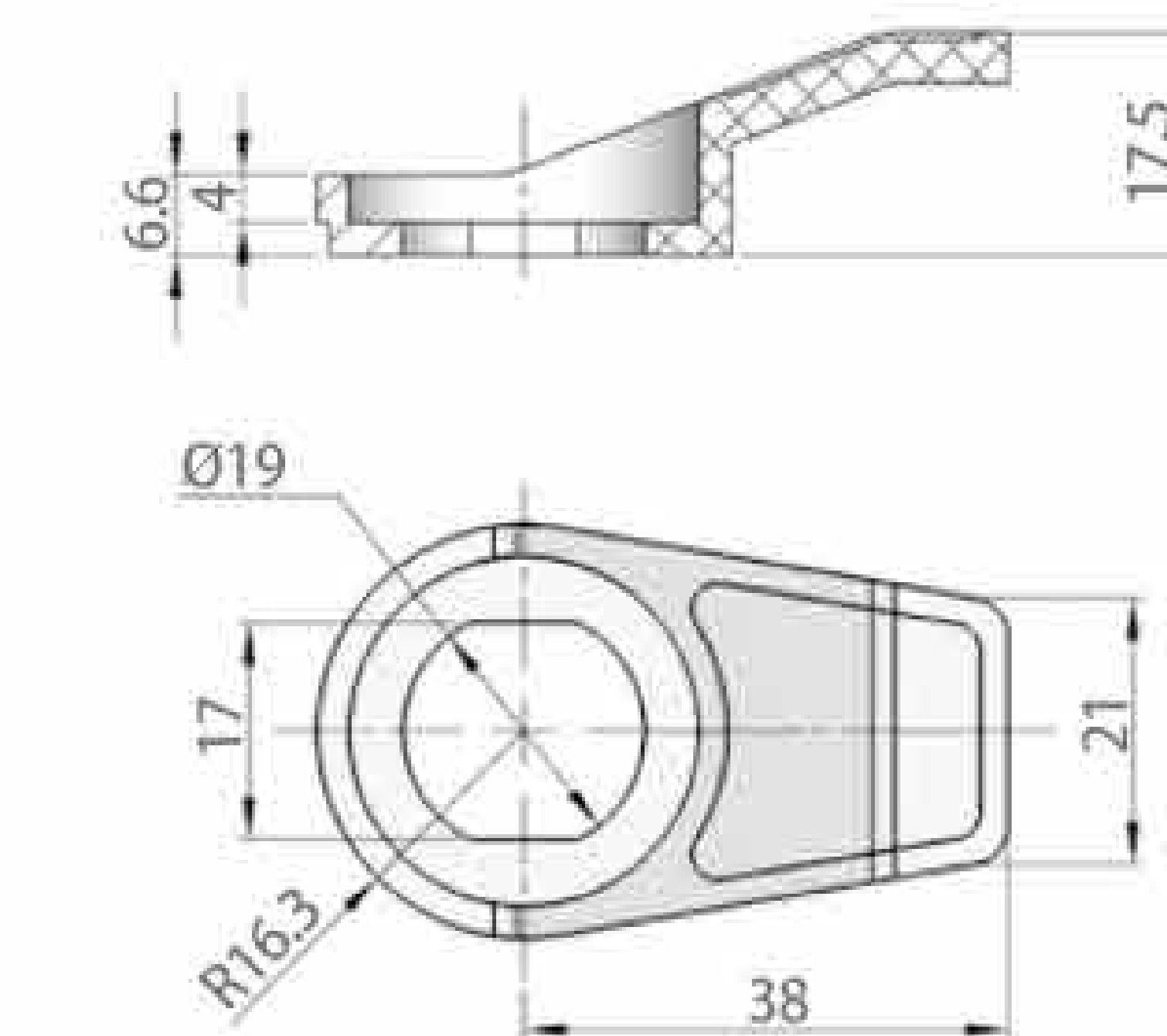
Nylon guide, match with Ø8 mm round rod.

HP001



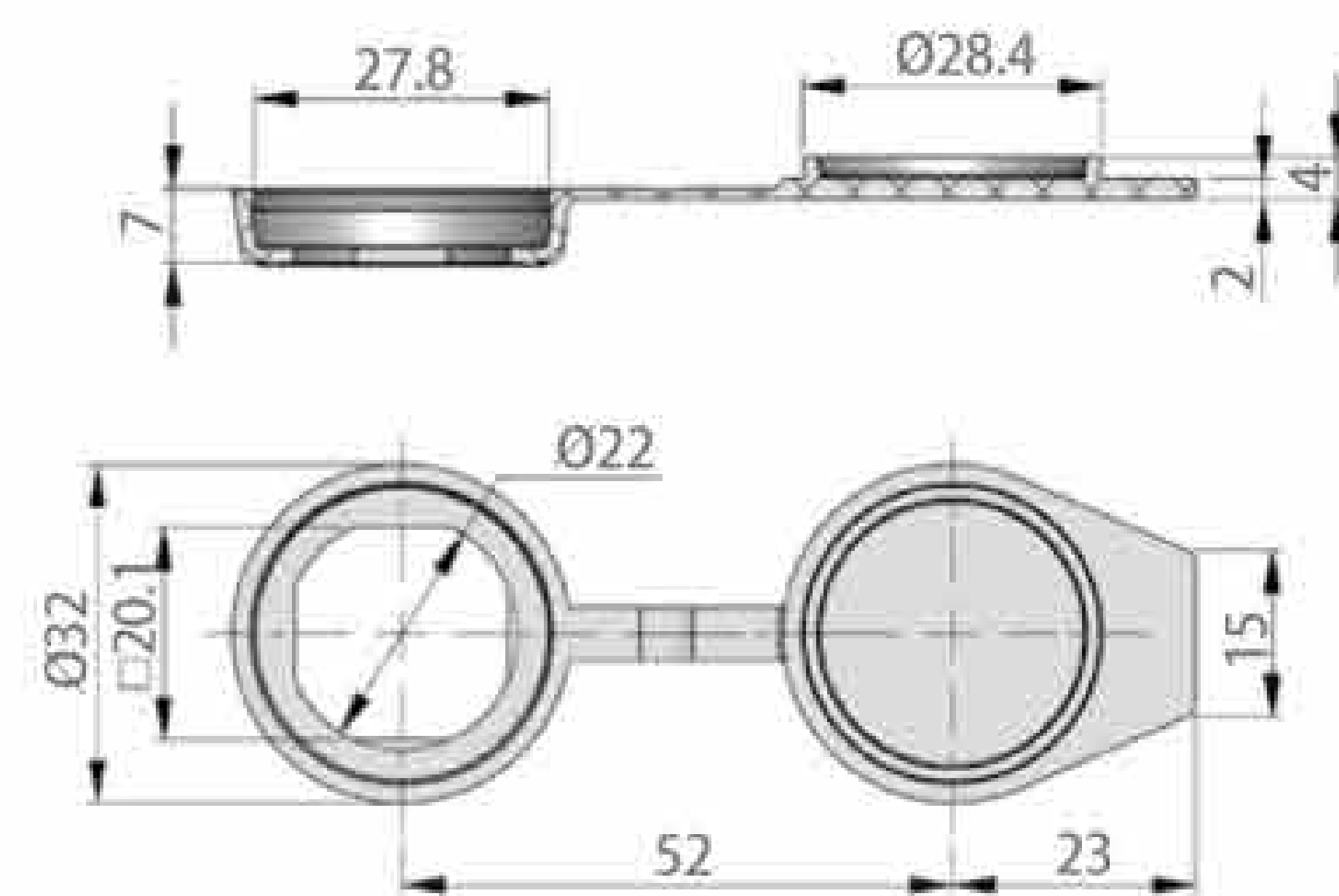
Black PA handle pull

HP003



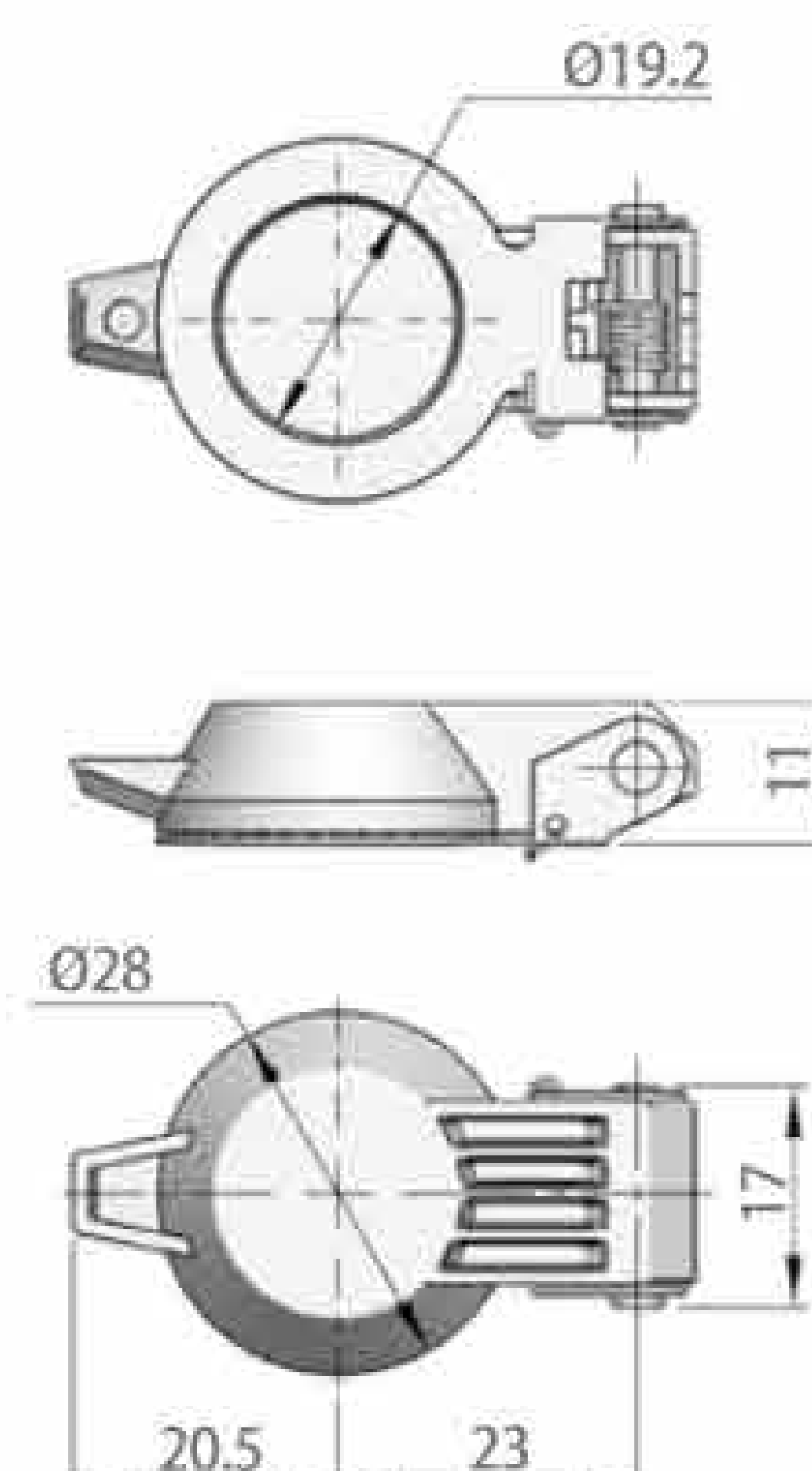
Black PP handle pull

WP002

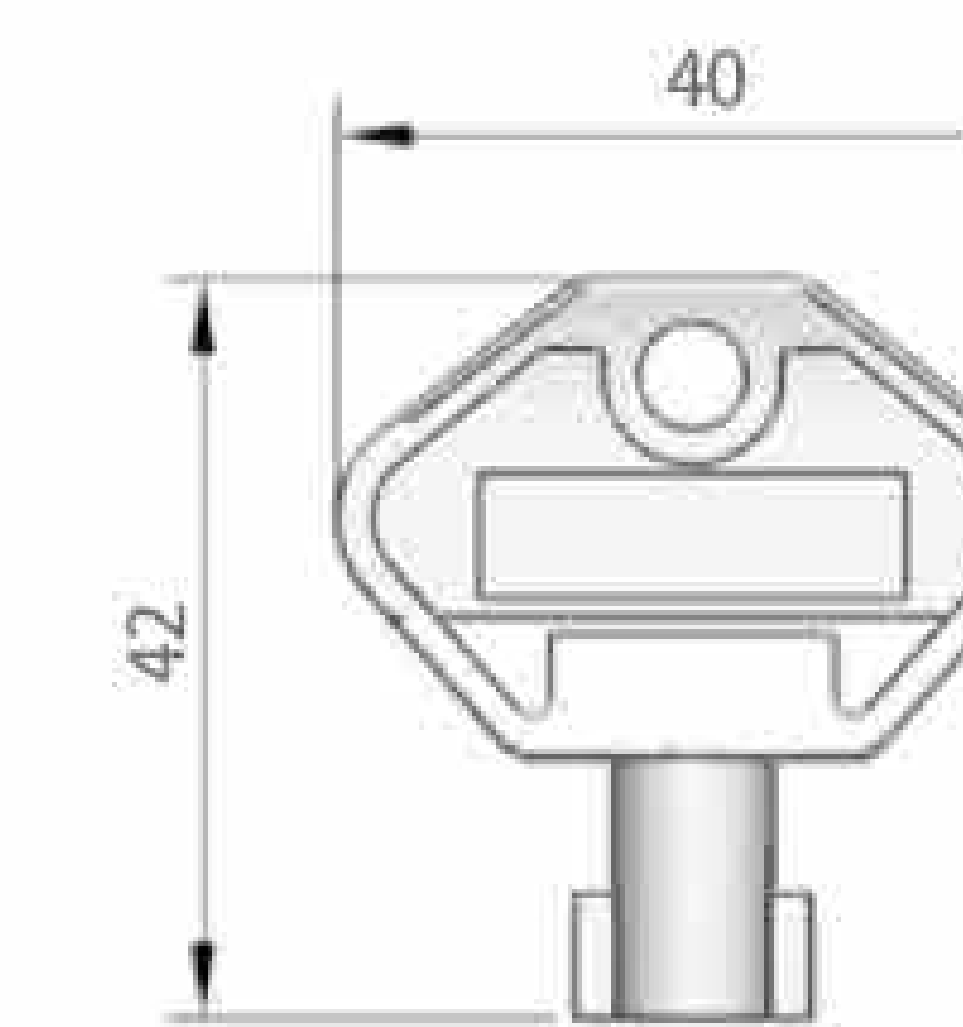


Black PA water-proof cap

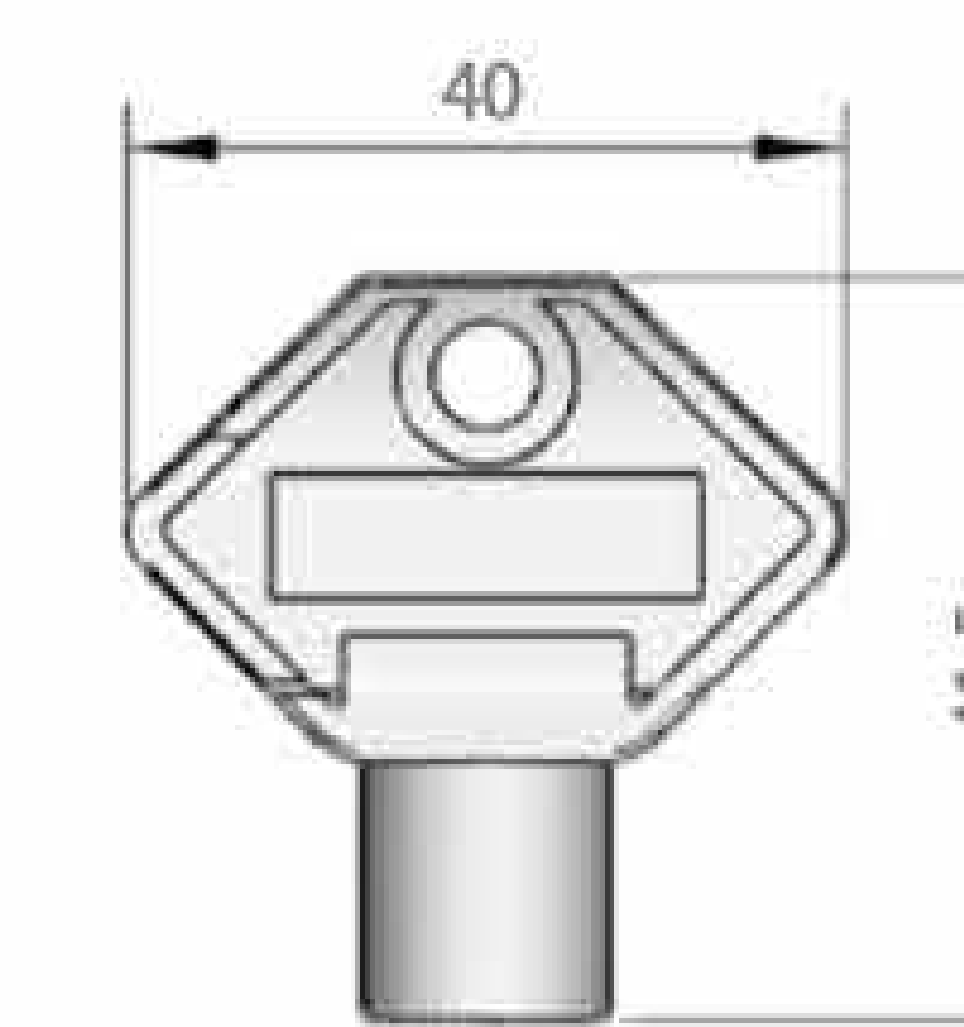
DP001



Chrome plated zdc water-tight cap, sus bracket

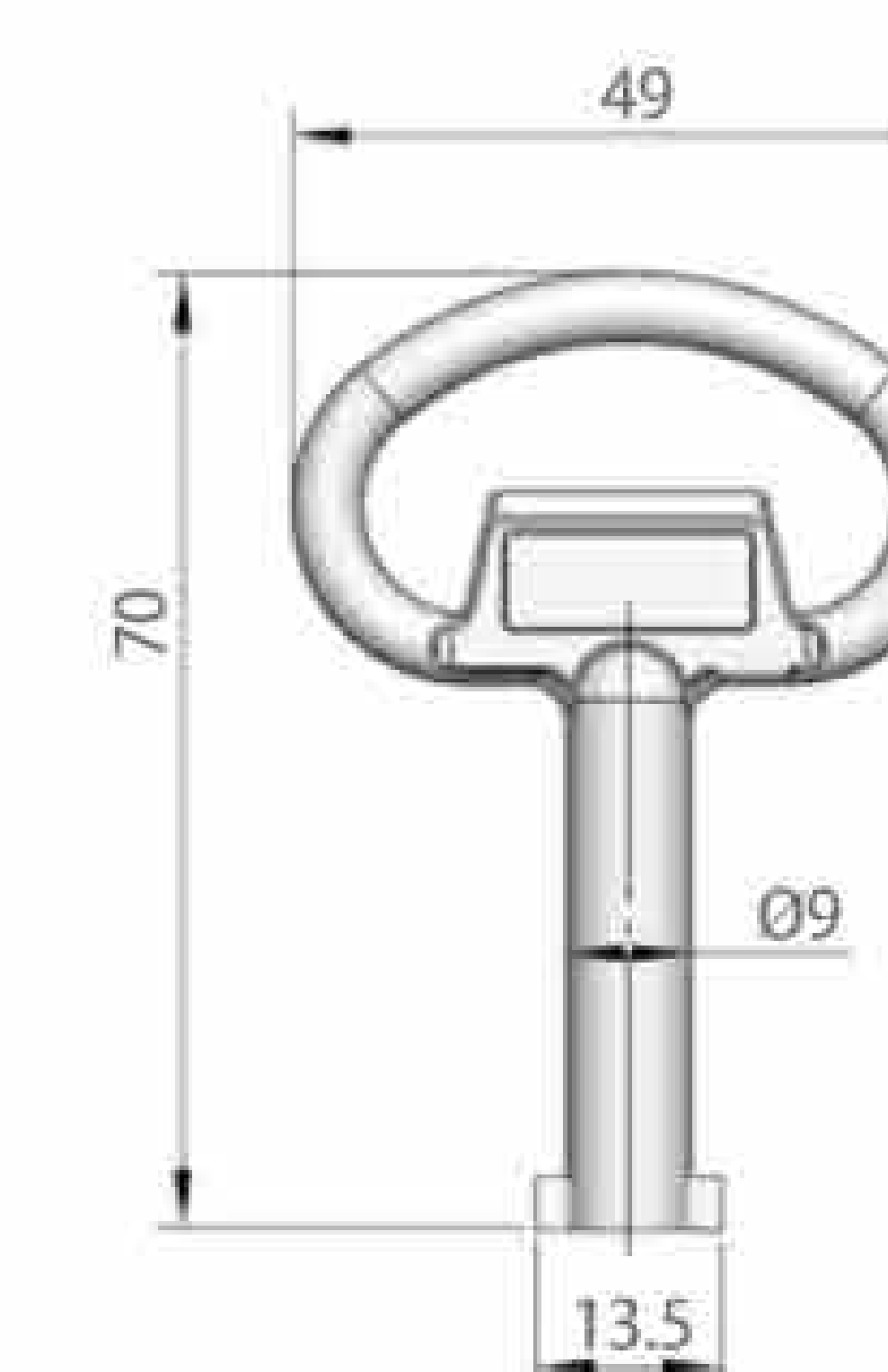


K15-1F

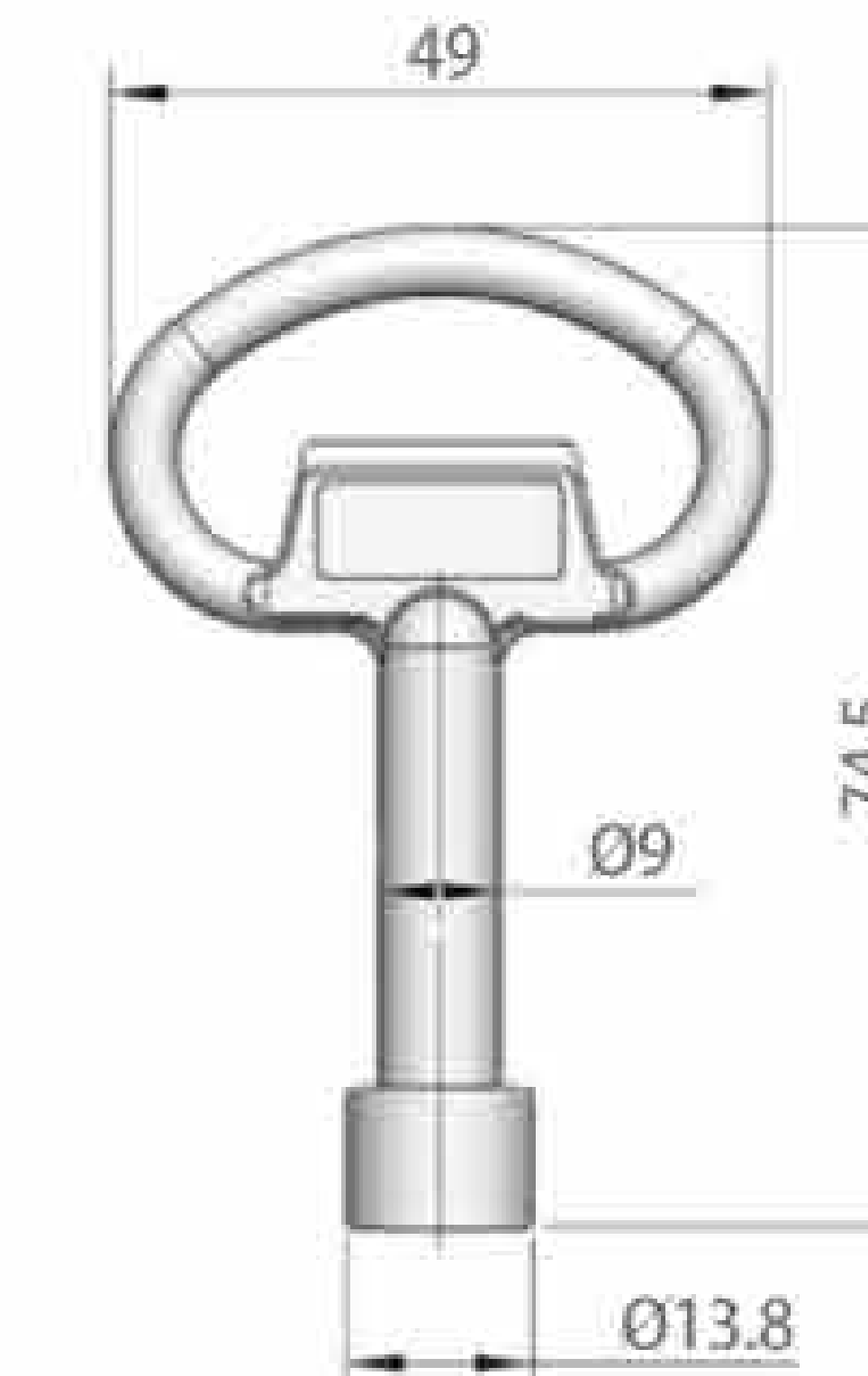


K15-□F Series

Remark: Material is plastic, "□" stands for the model variable.



K15-1



K15-□ Series

Remark: Material is ZDC, "□" stands for the model variable.

Lock

Hinge

Handle

Draw Latch

Door Stop

Slide

Lock Accessories

Gasket

Lock

Hinge

Handle

Draw Latch

Door Stop

Slide

Lock Accessories

Gasket

Lock

Hinge

Handle

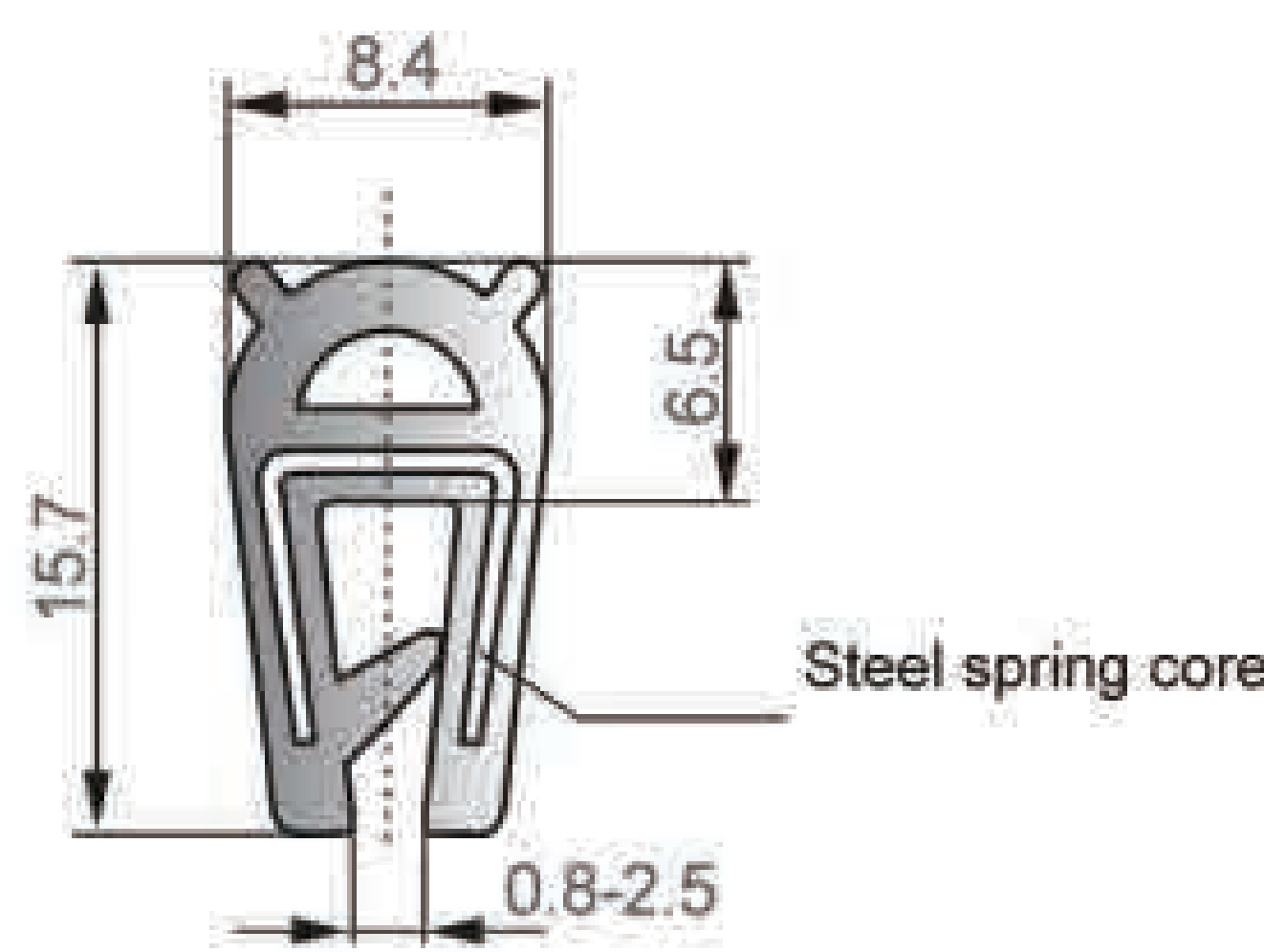
Draw Latch

Door Stop

Slide

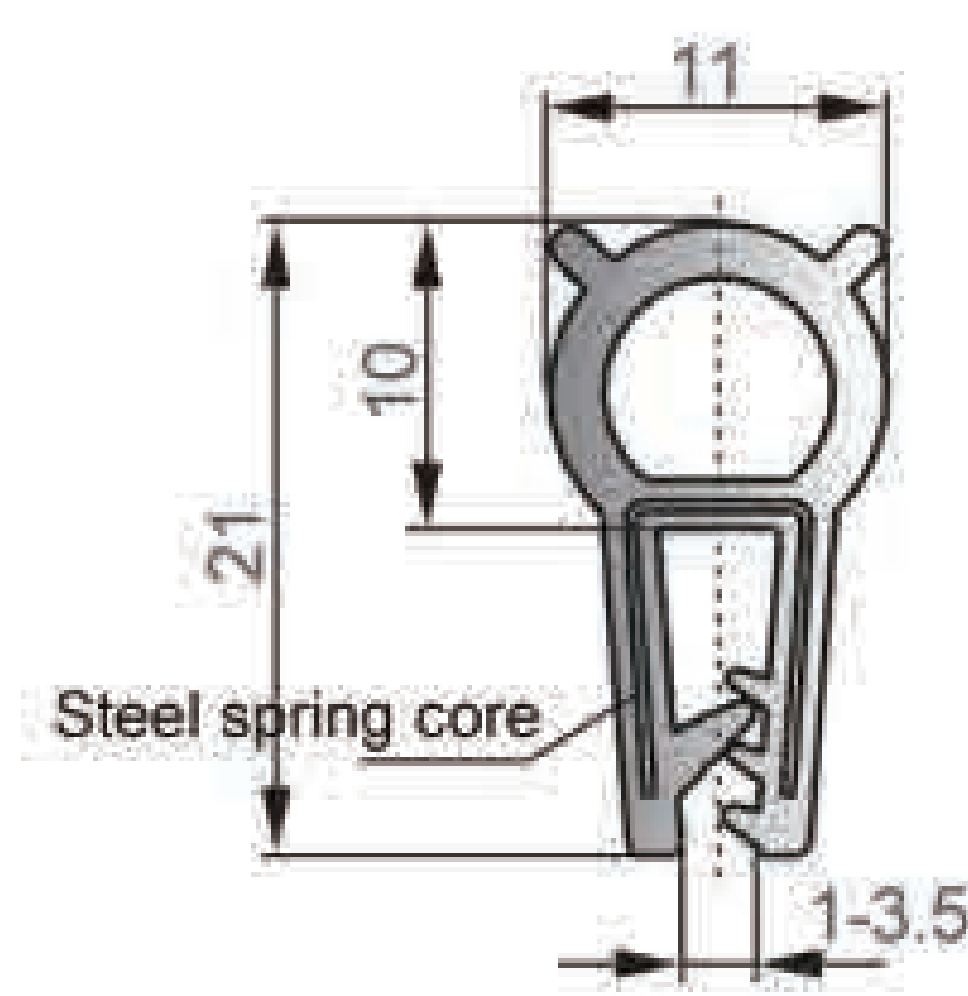
Lock Accessories

Gasket



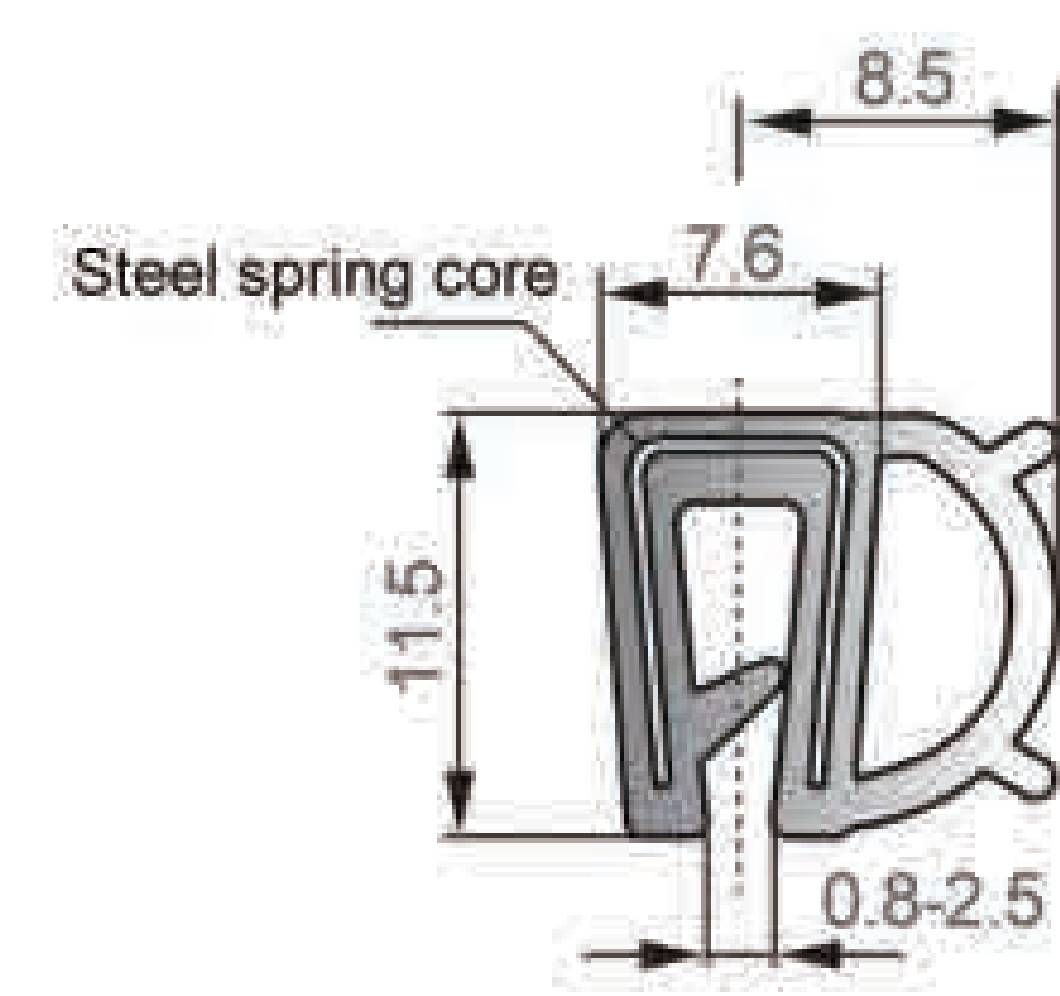
MF-001

Black EPDM steel wire strip



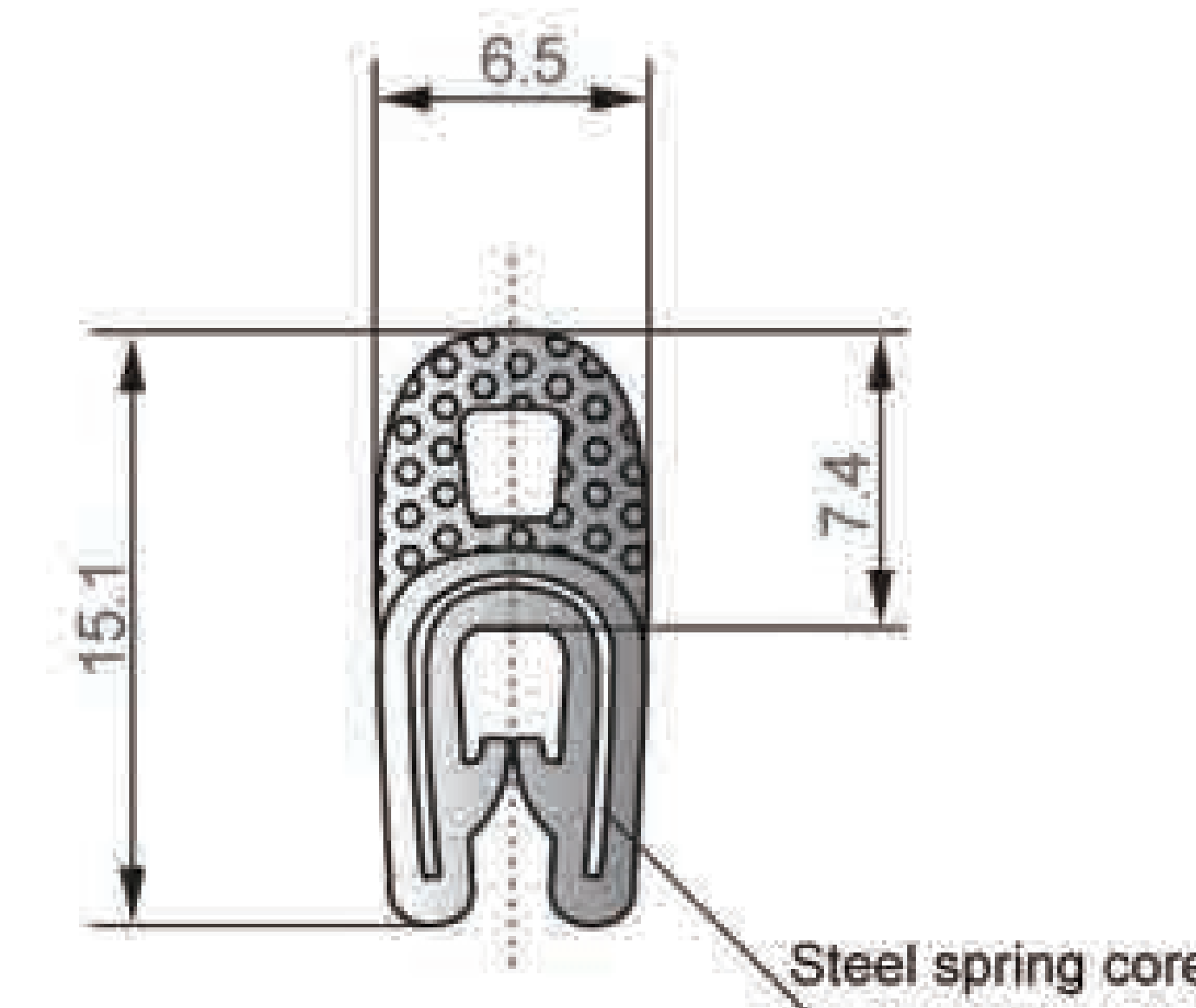
MF-002

Black EPDM steel wire strip



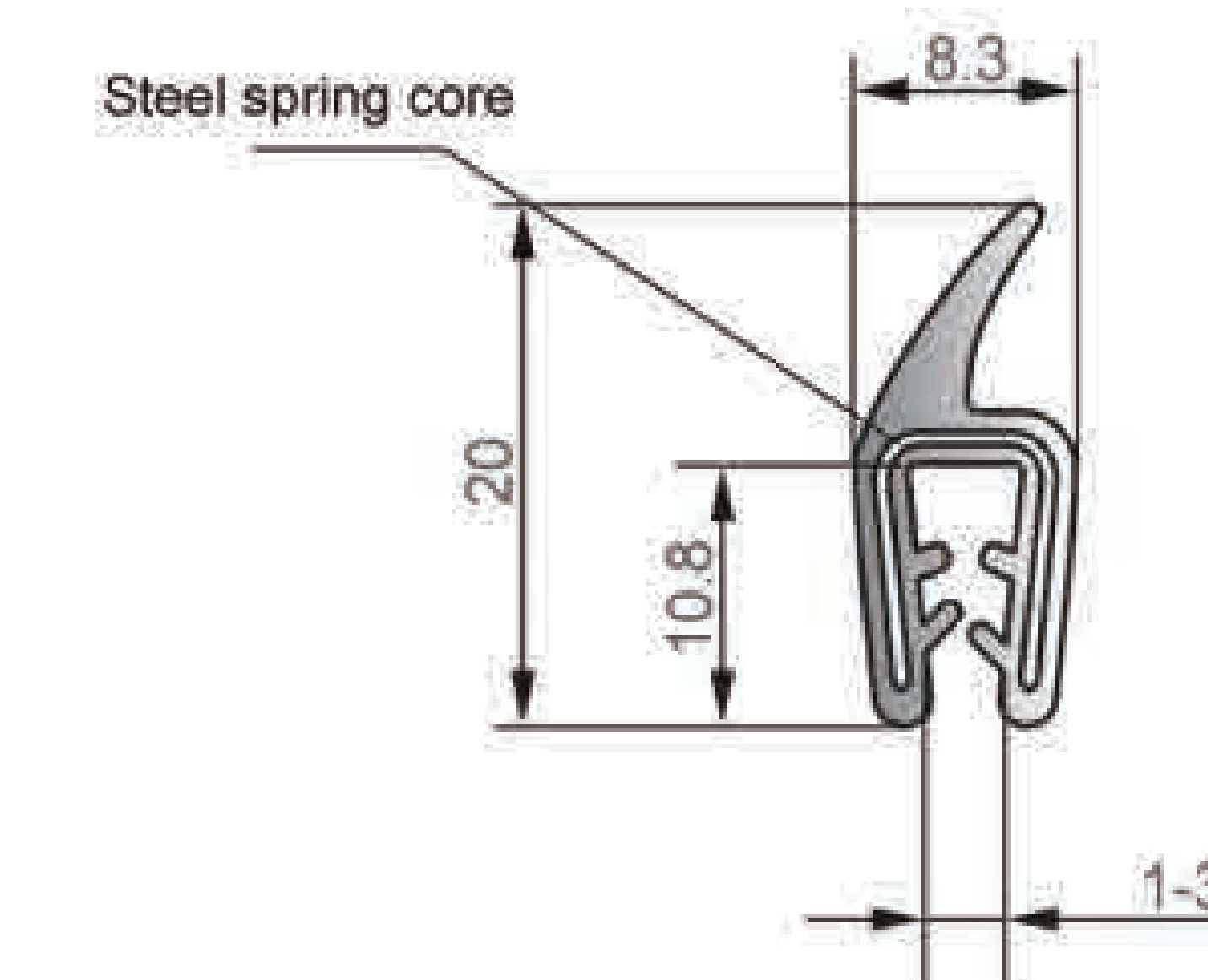
MF-003

Black EPDM steel wire strip



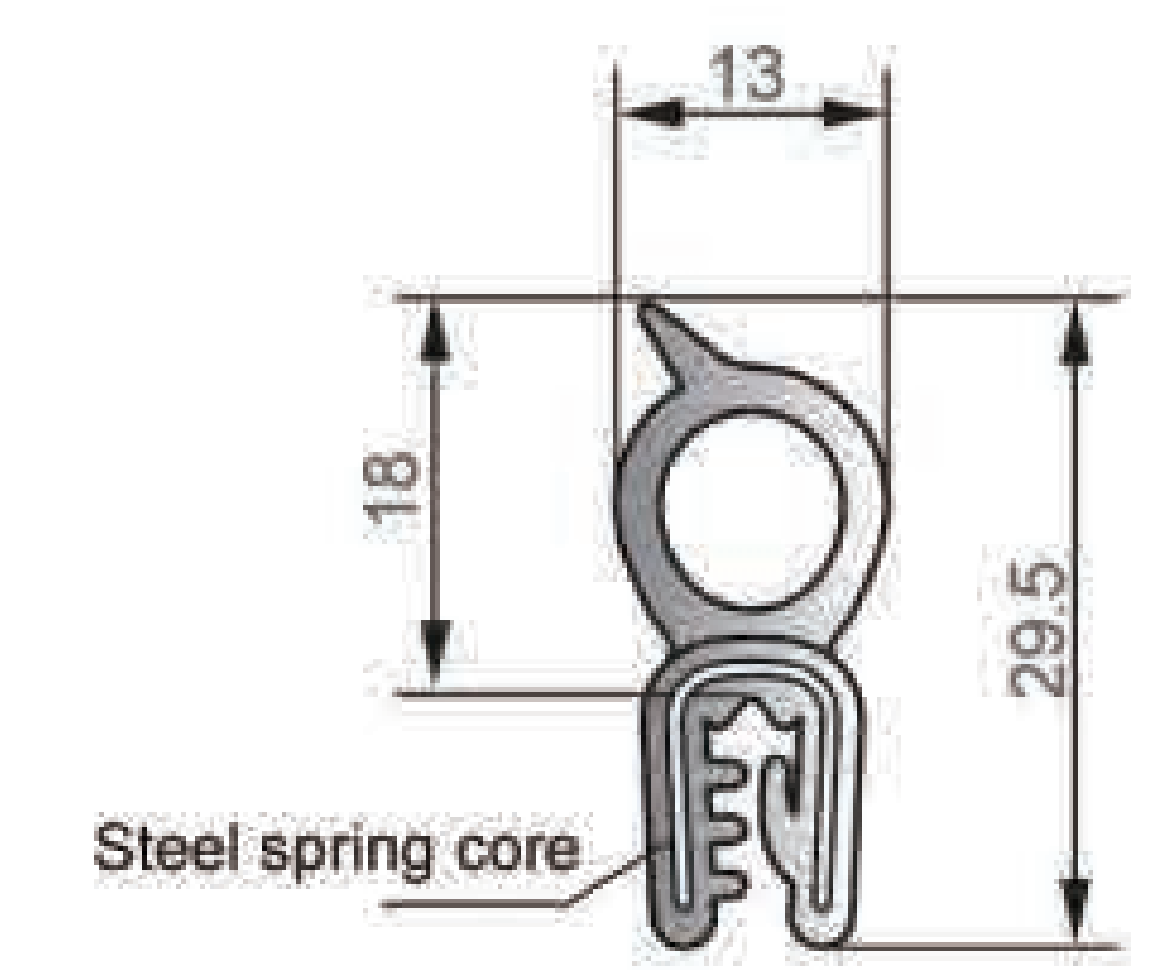
MF-010

Black EPDM steel wire strip



MF-012

Black EPDM steel wire strip



MF-018

Black EPDM steel wire strip

Lock

Hinge

Handle

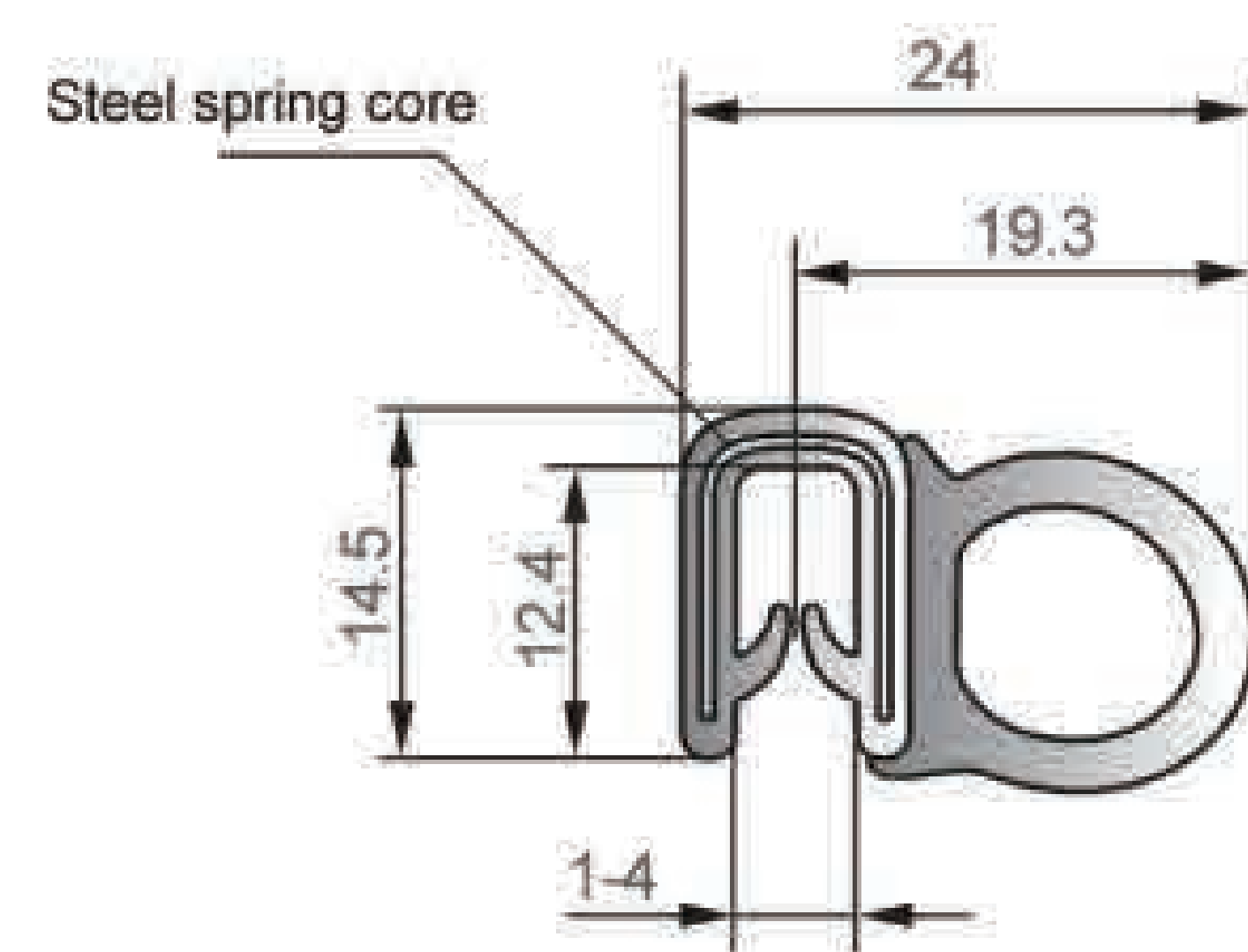
Draw Latch

Door Stop

Slide

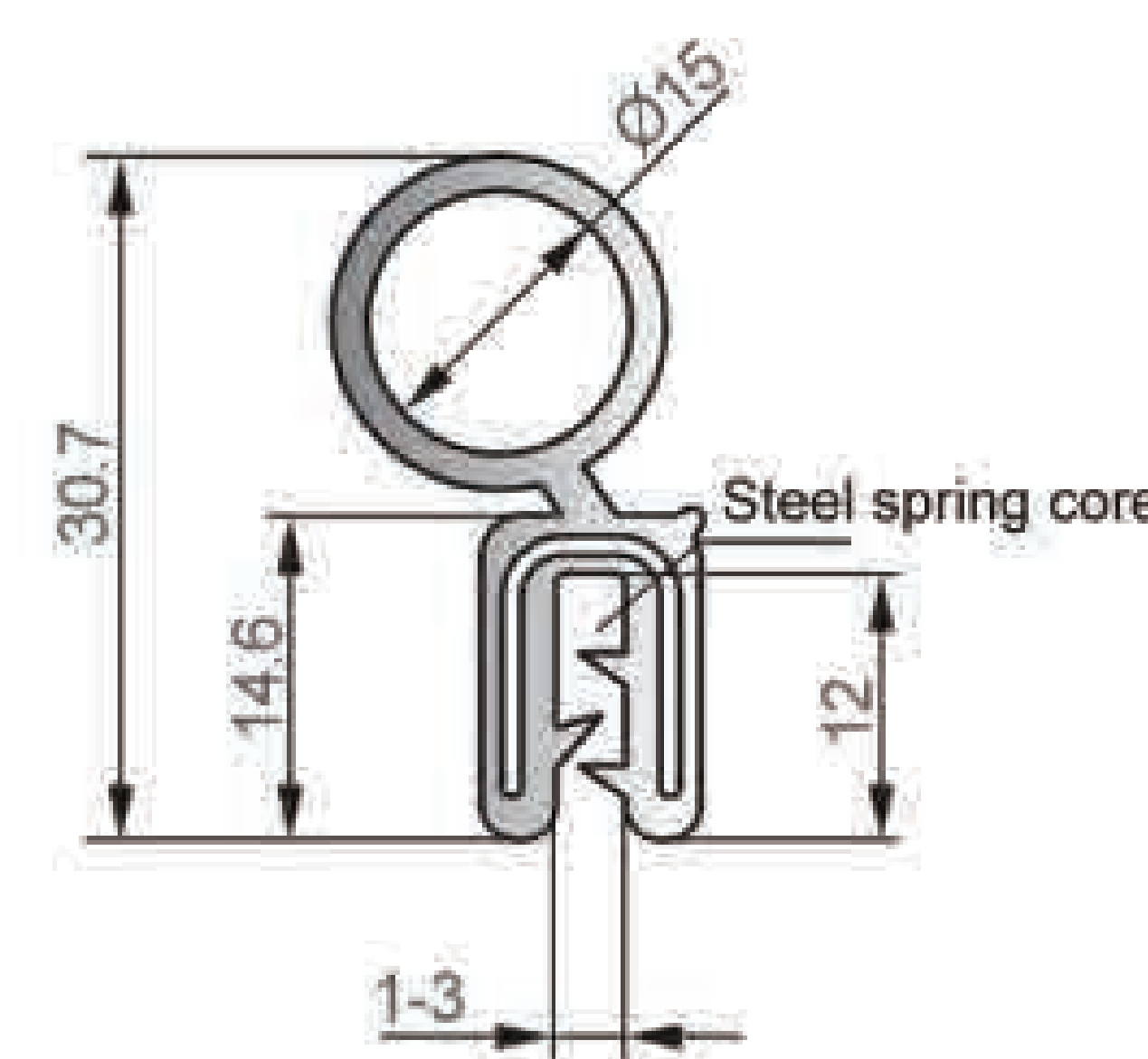
Lock Accessories

Gasket



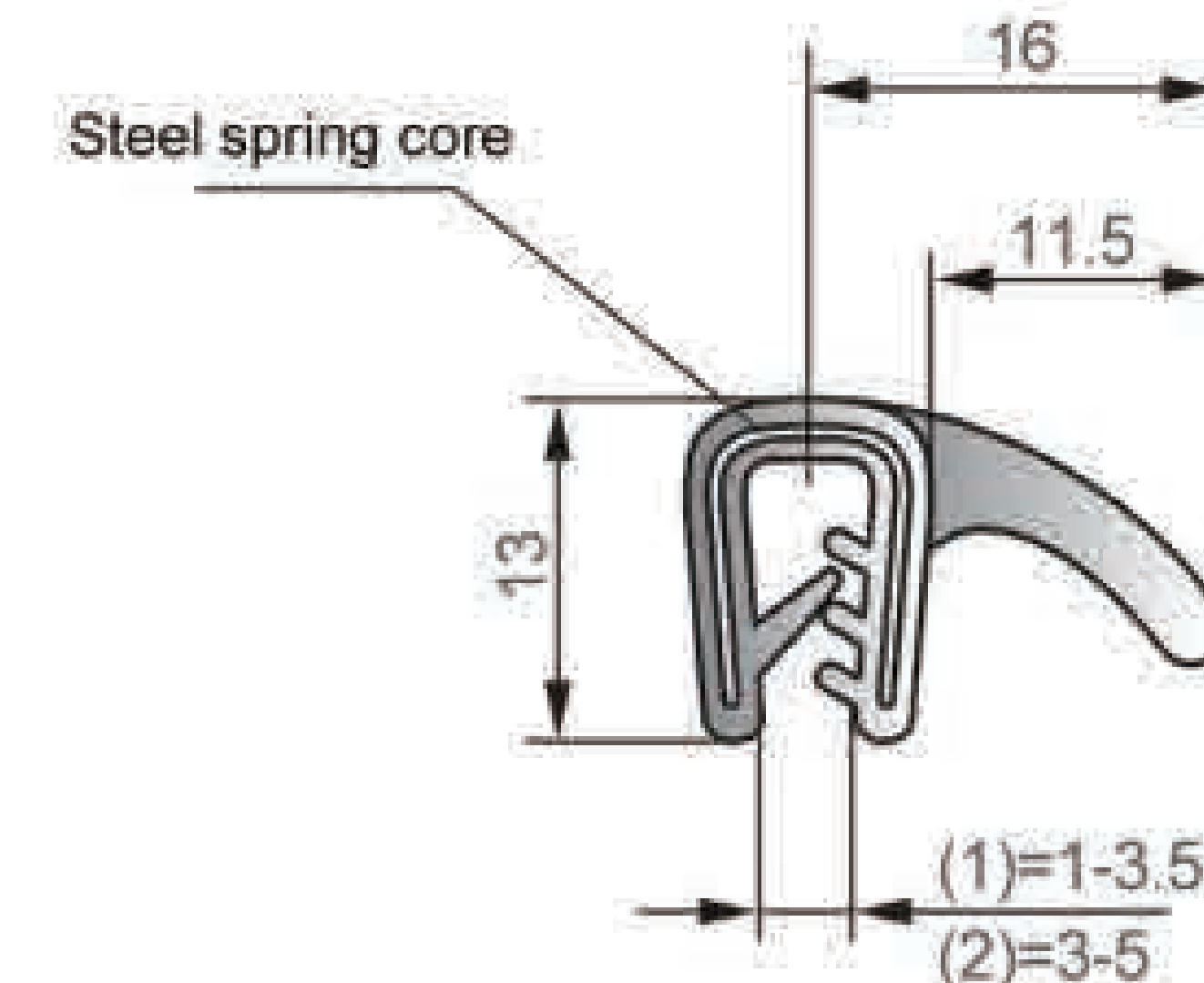
MF-006

Black EPDM steel wire strip



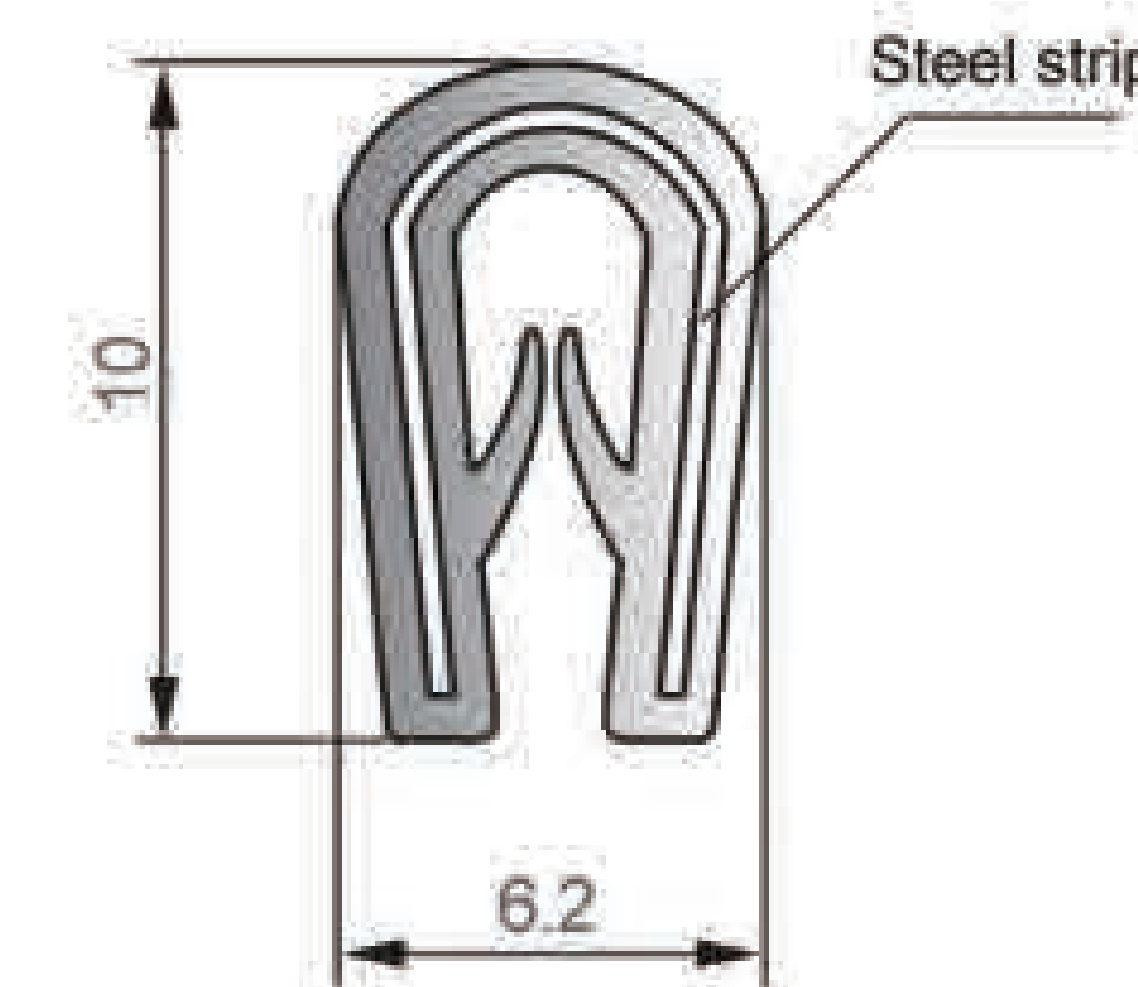
MF-008

Black EPDM steel wire strip



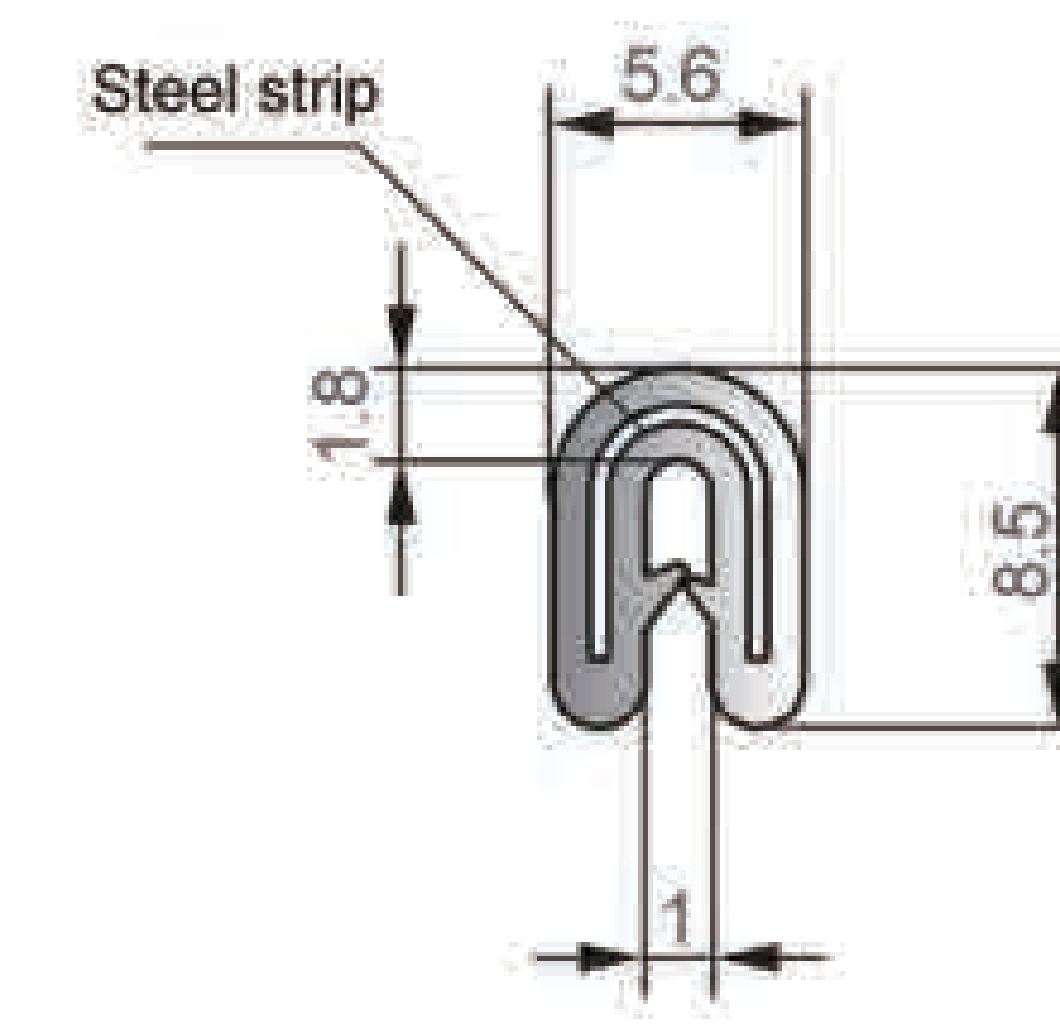
MF-009

Black EPDM steel wire strip



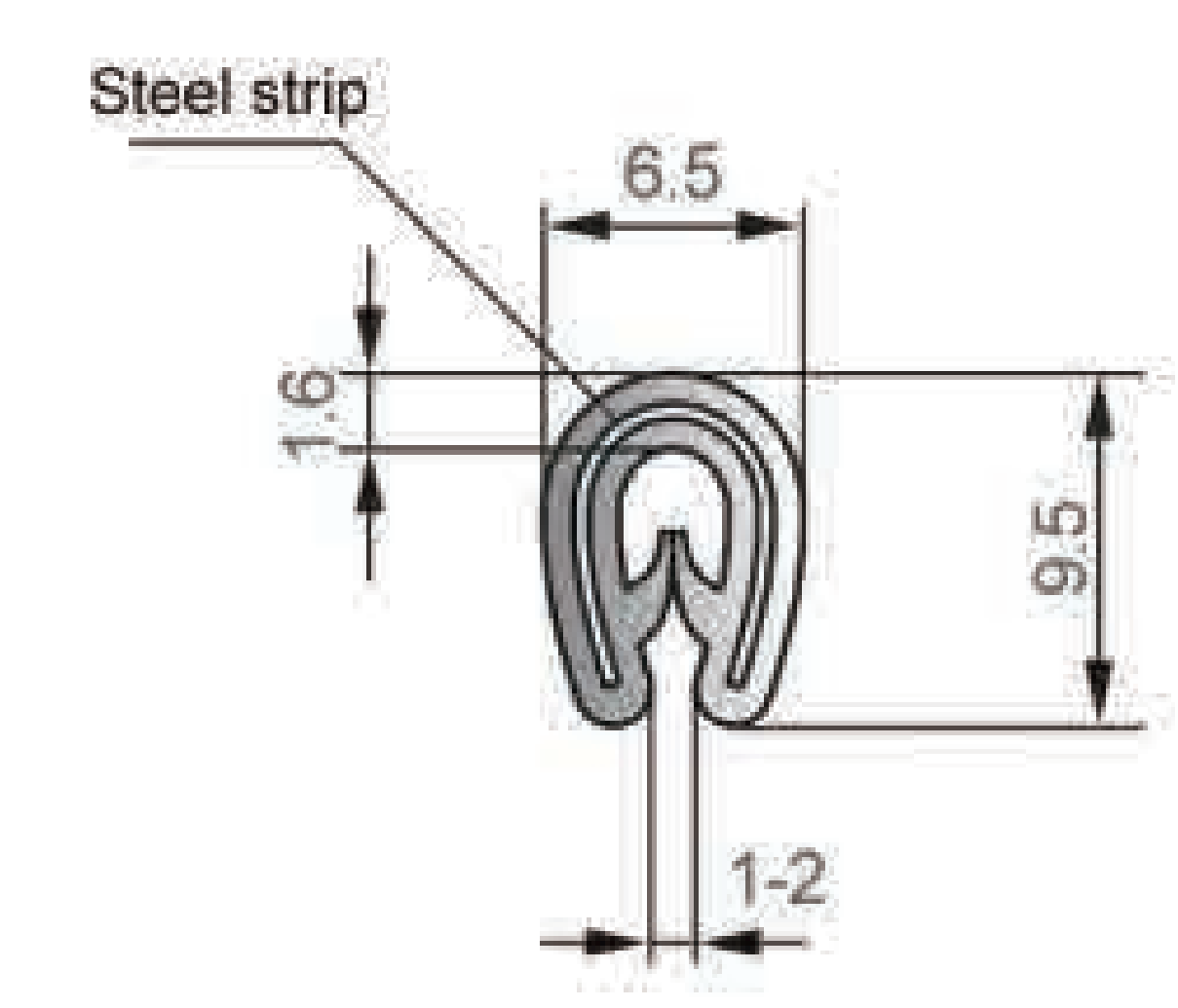
MF-019

PVC trim strip



MF-023

PVC trim strip



MF-024

PVC trim strip

Lock

Hinge

Handle

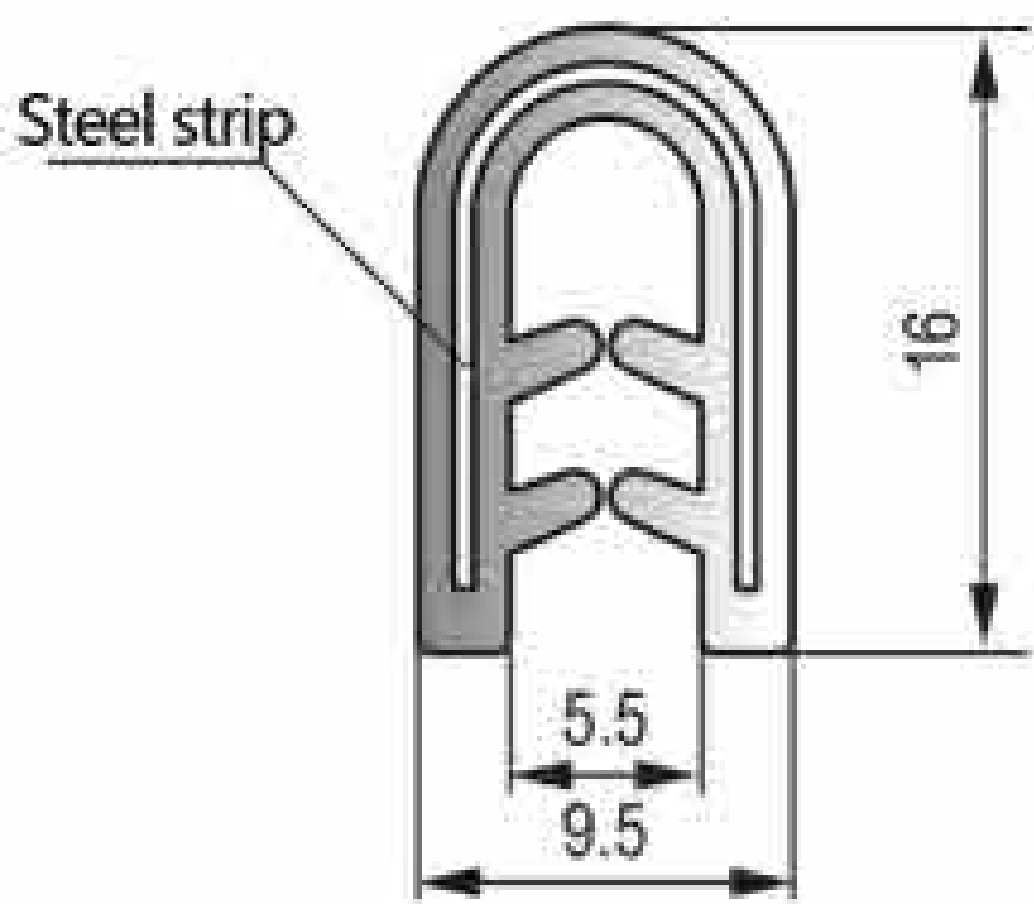
Draw Latch

Door Stop

Slide

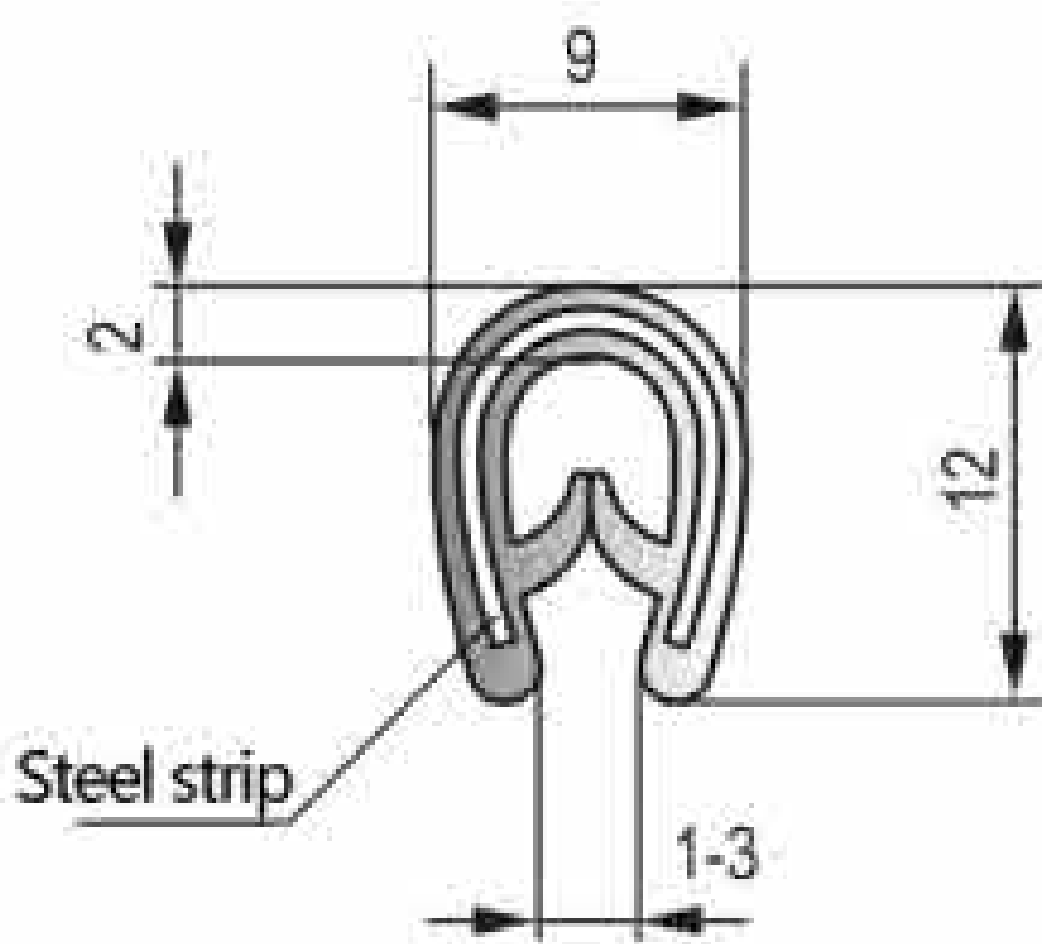
Lock Accessories

Gasket



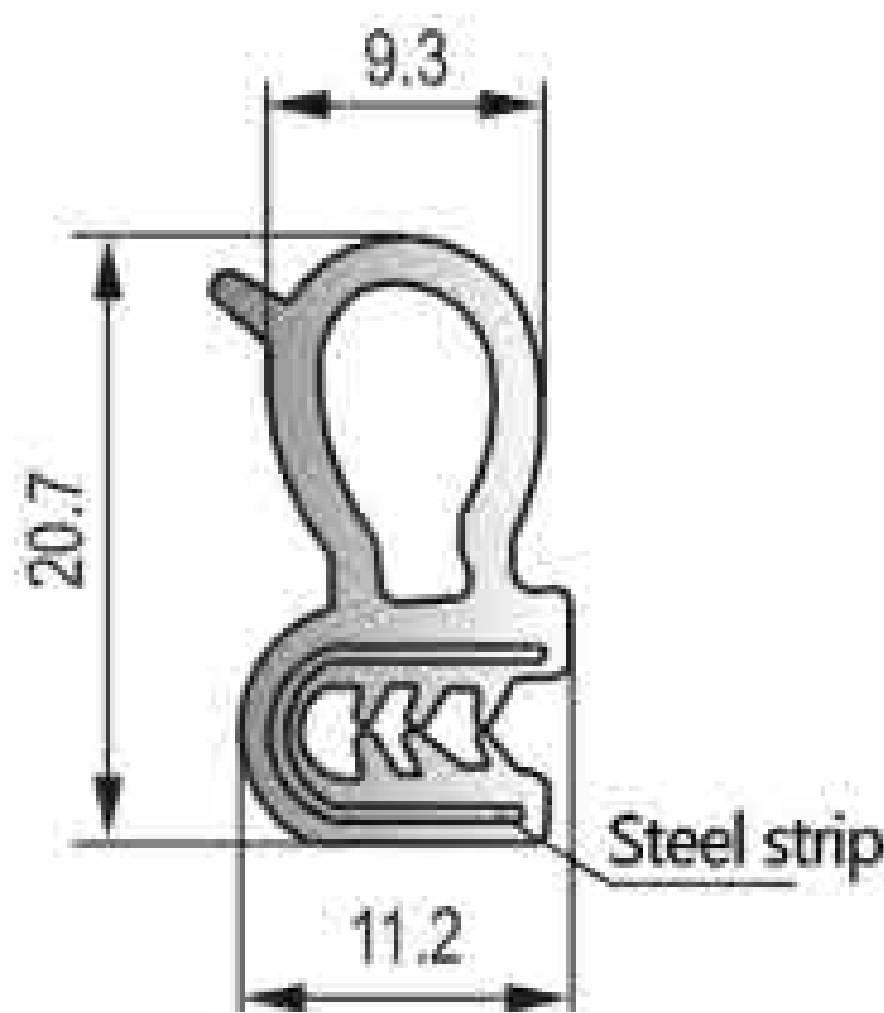
MF-025

PVC trim strip



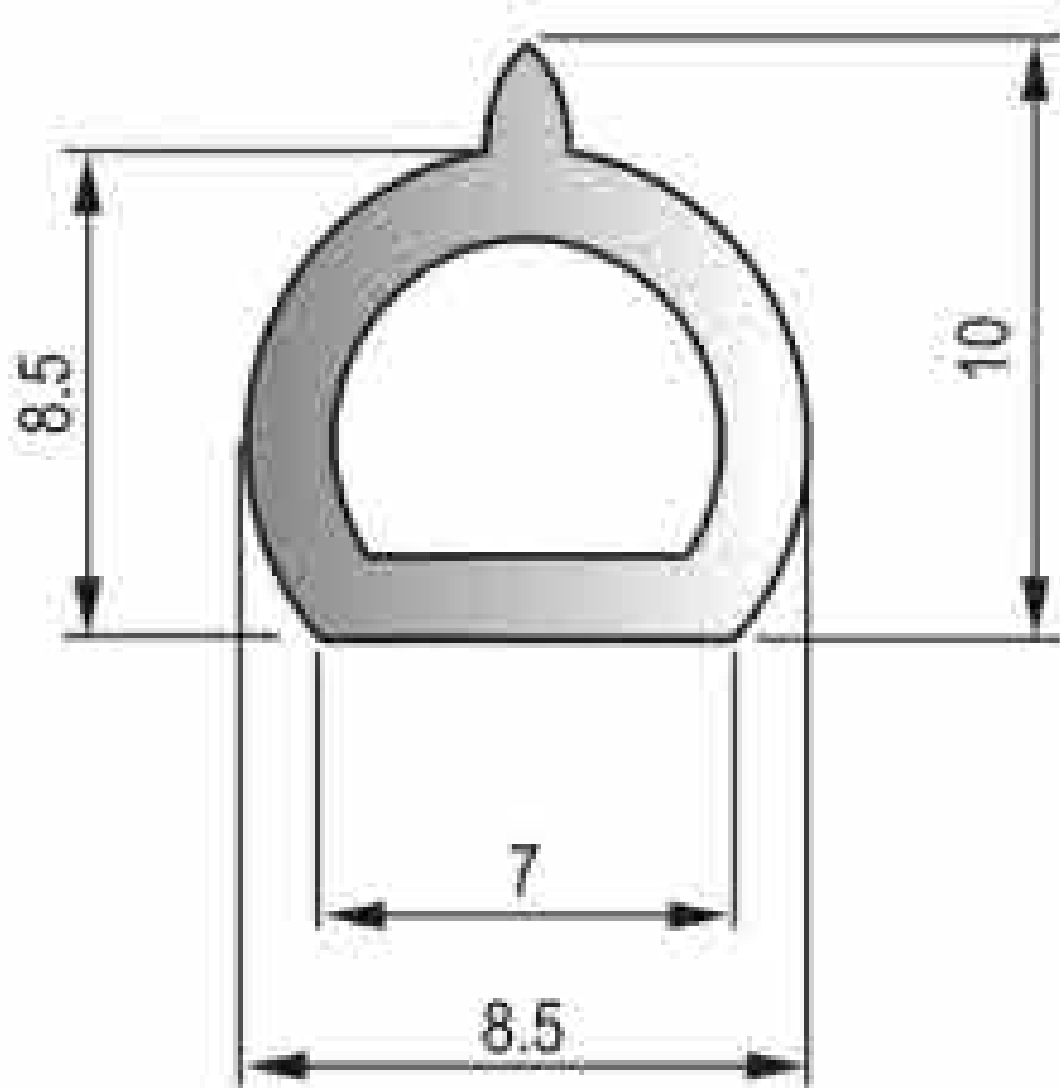
MF-026

PVC trim strip



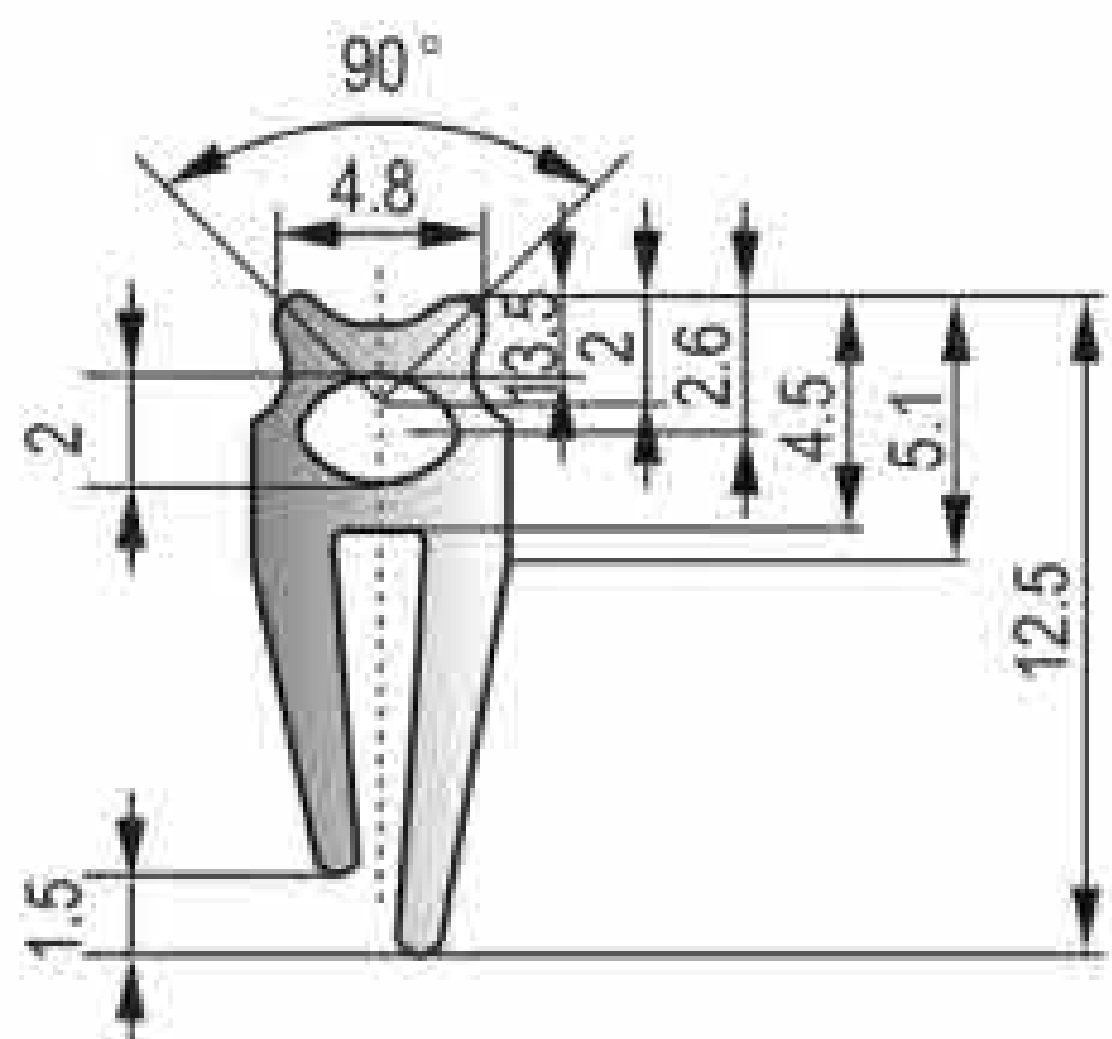
MFT-010

Black EPDM sealing strip(with steel shel)



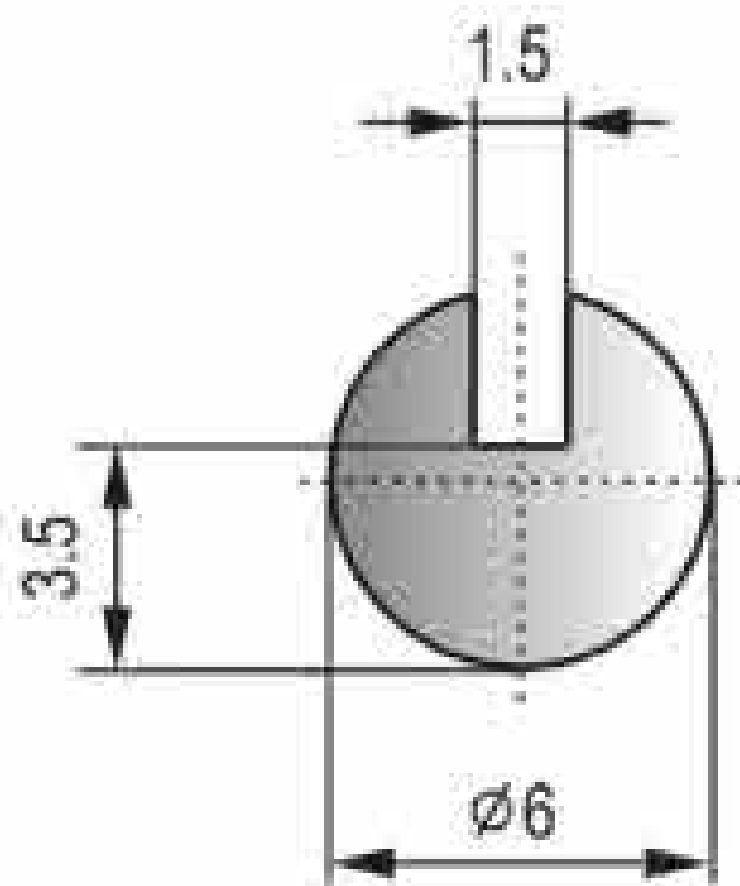
MFT-065

PVC gasketing



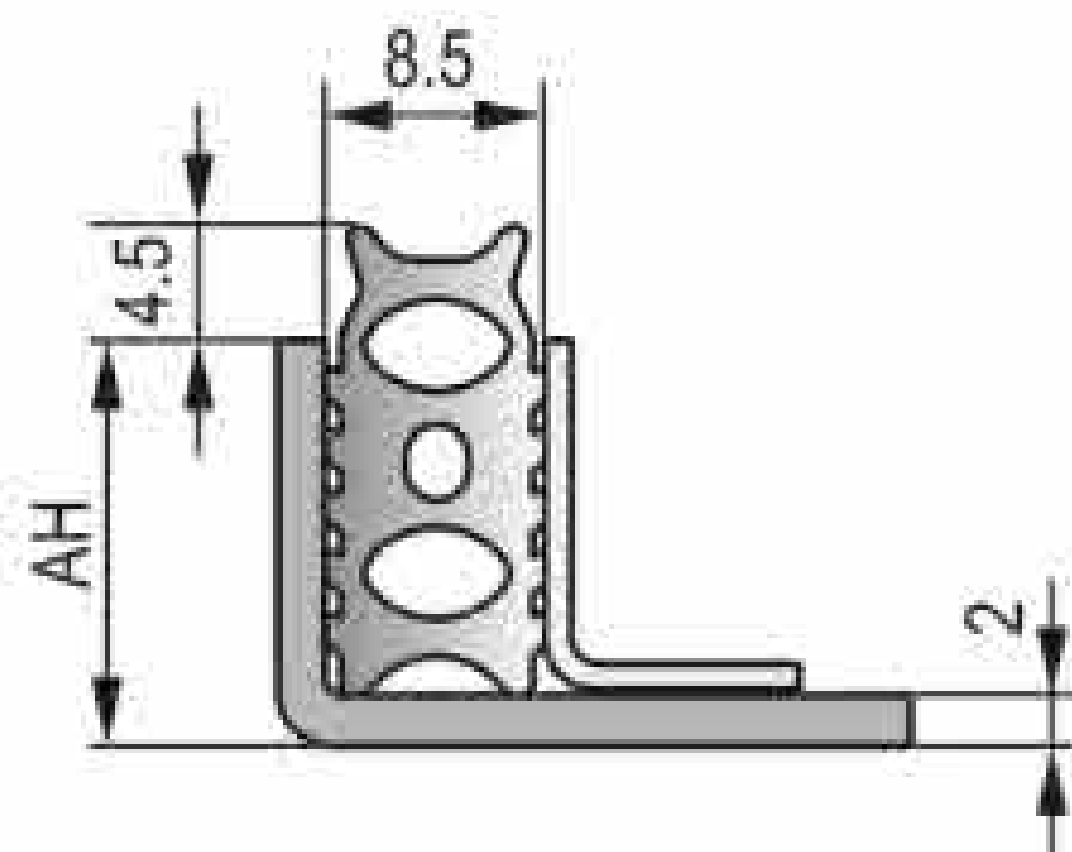
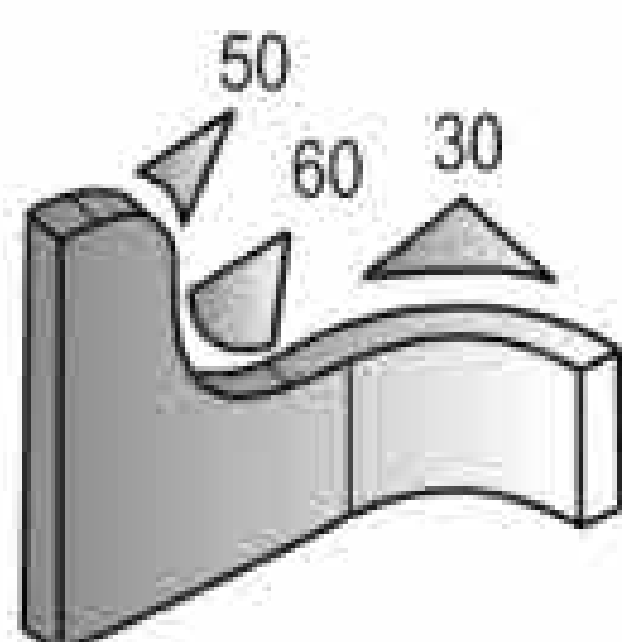
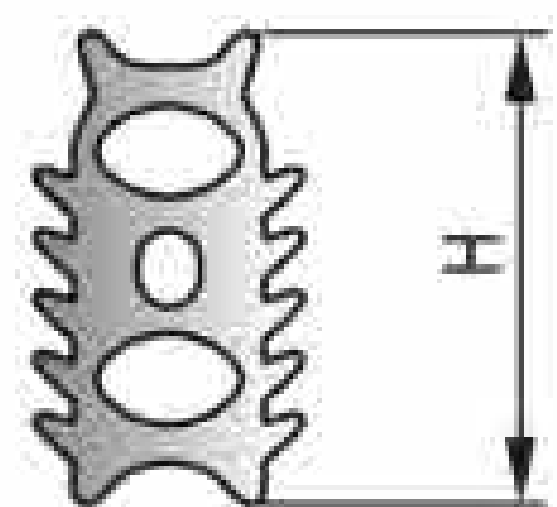
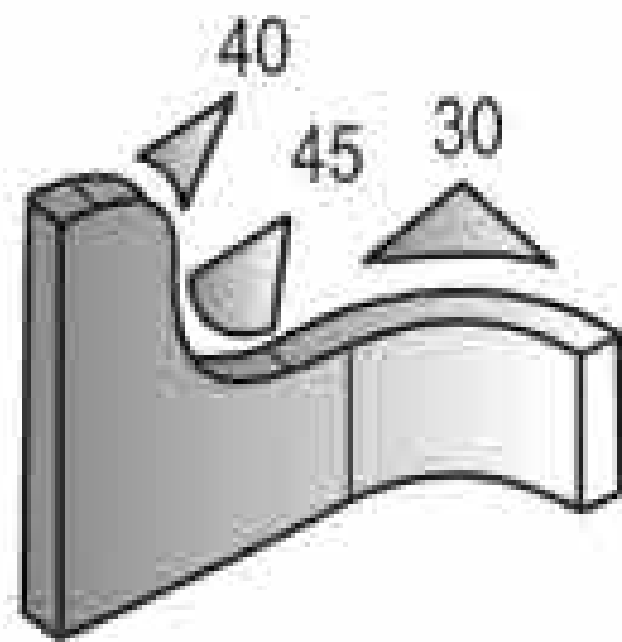
MFT-068

Black EPDM Dense Strip



MFT-070

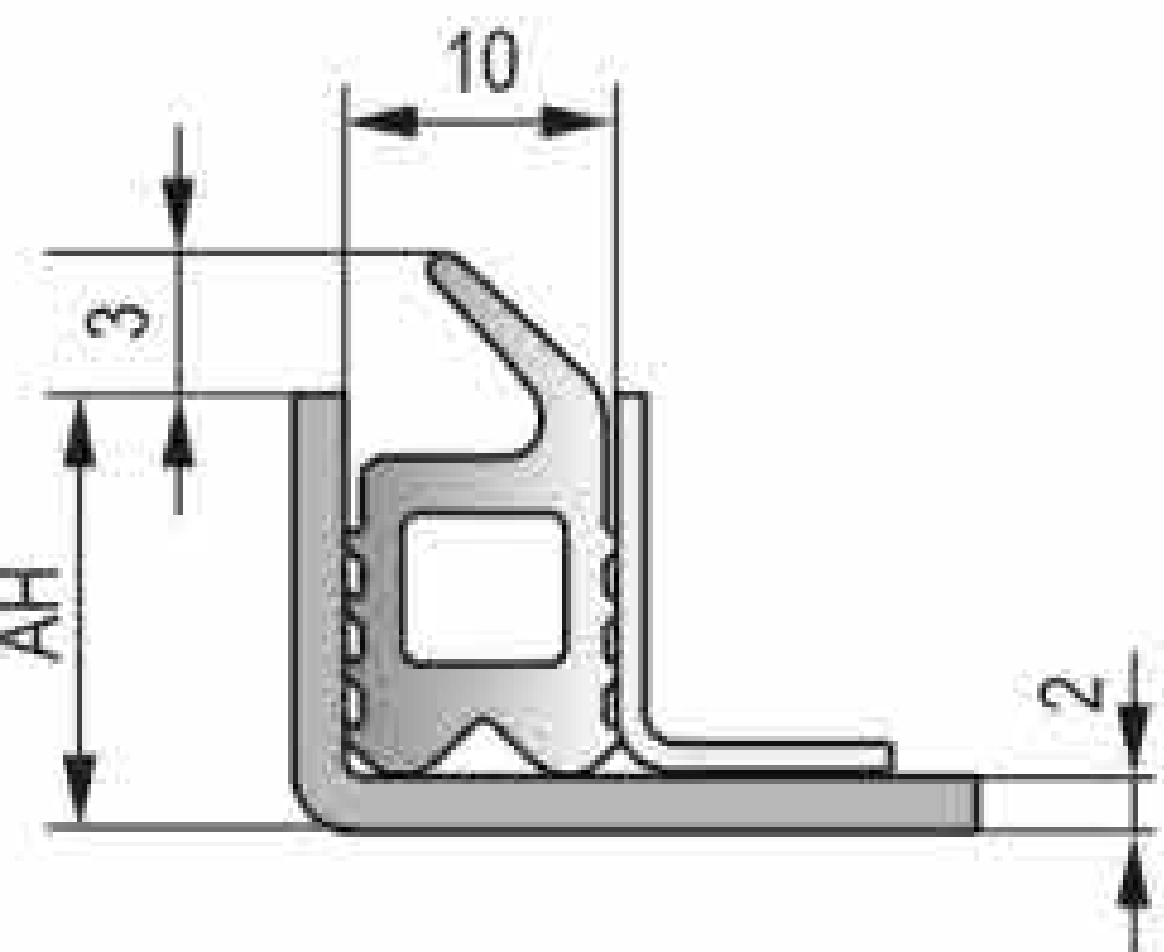
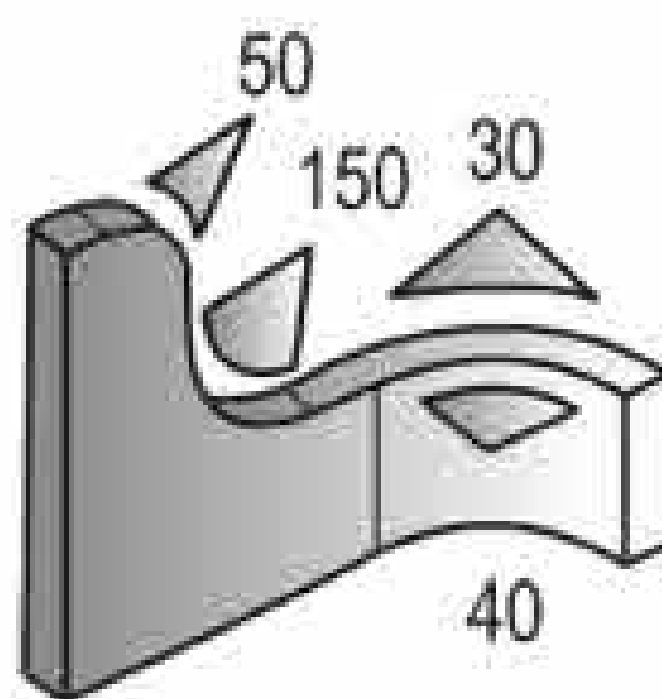
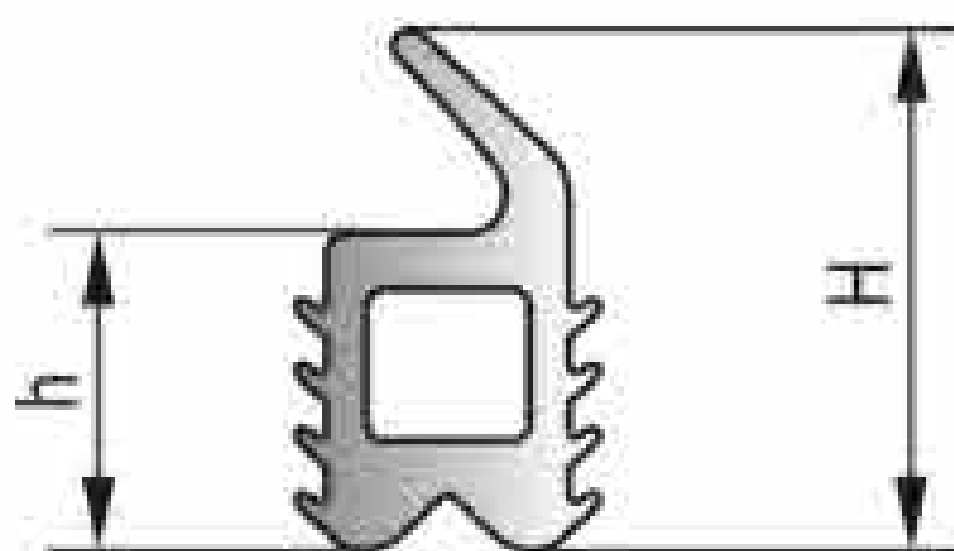
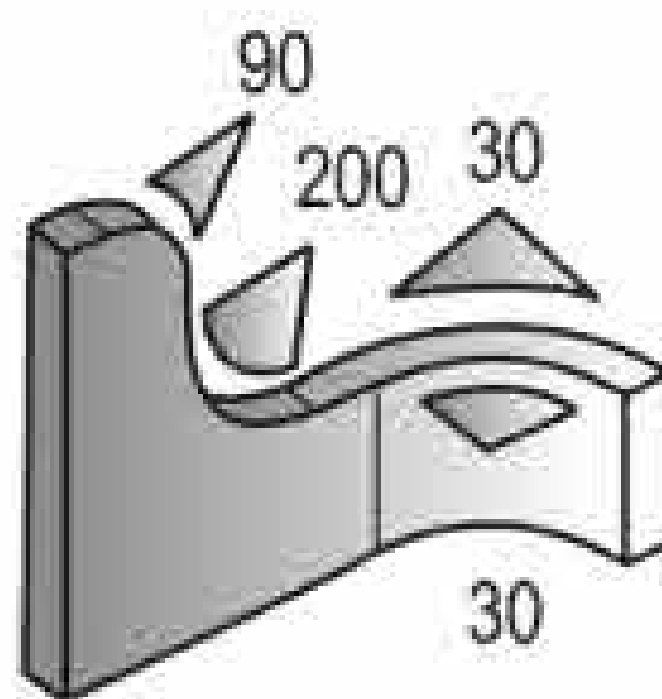
Black EPDM Dense Strip



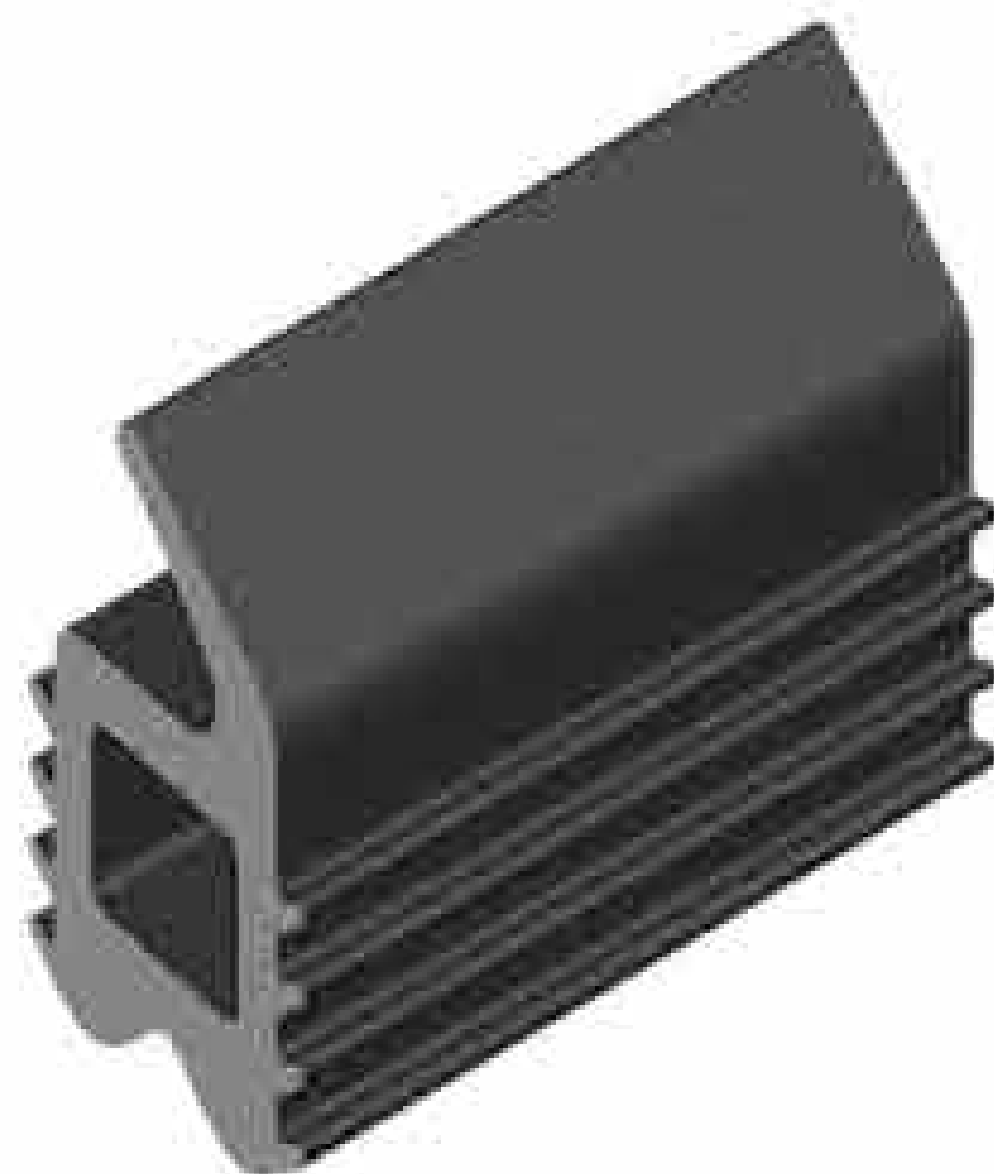
Black Gasket			Hardnes A25°		
AH	Number	Code	AH	Number	Code
16	18.5	MF-031	22	24.5	MF-031
16	18.5	MF-031	22	24.5	MF-031
16	18.5	MF-031	22	24.5	MF-031



MF-031



Black Gasket					Hardnes A25°				
AH	H	h	Number	Code	AH	H	h	Number	Code
16	17	9.5	1	MF-032	20	21	13.5	2	MF-032
18	19	11.5	1	MF-032	26	27	19.5	3	MF-032



MF-032

Lock

Hinge

Handle

Draw Latch

Door Stop

Slide

Lock Accessories

Gasket

Lock

Hinge

Handle

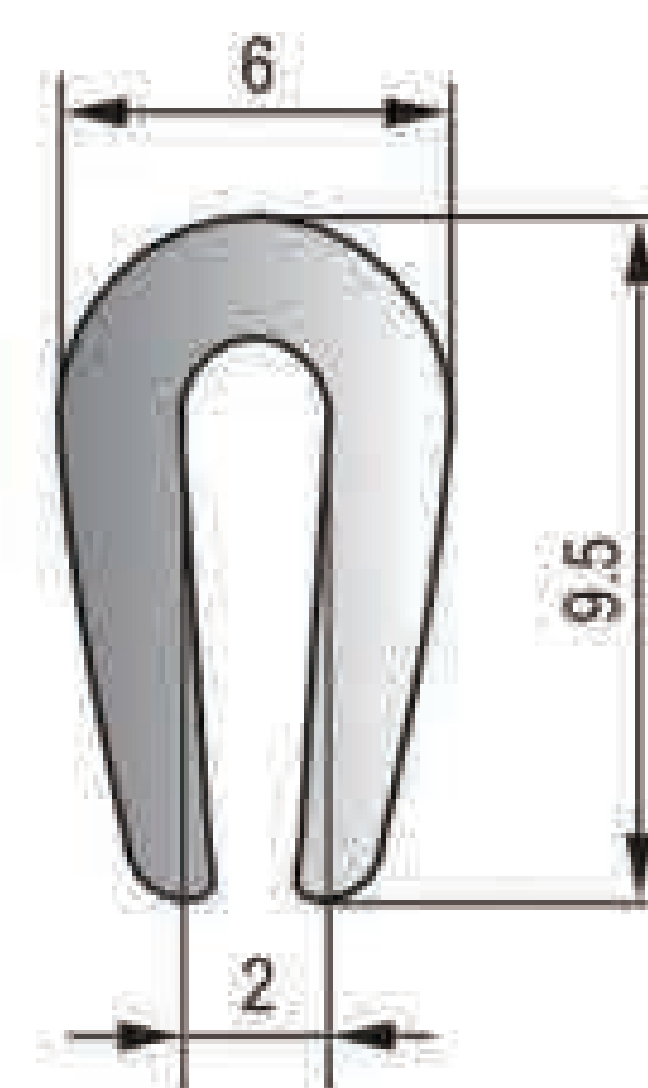
Draw Latch

Door Stop

Slide

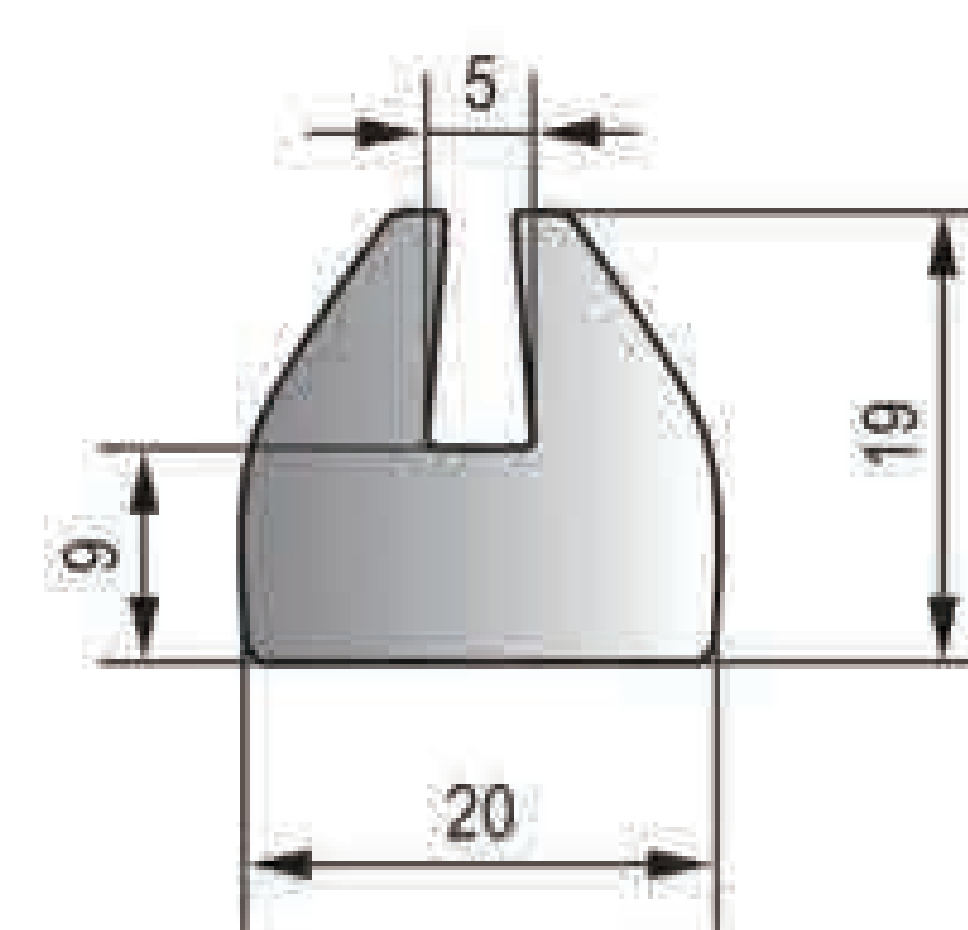
Lock Accessories

Gasket



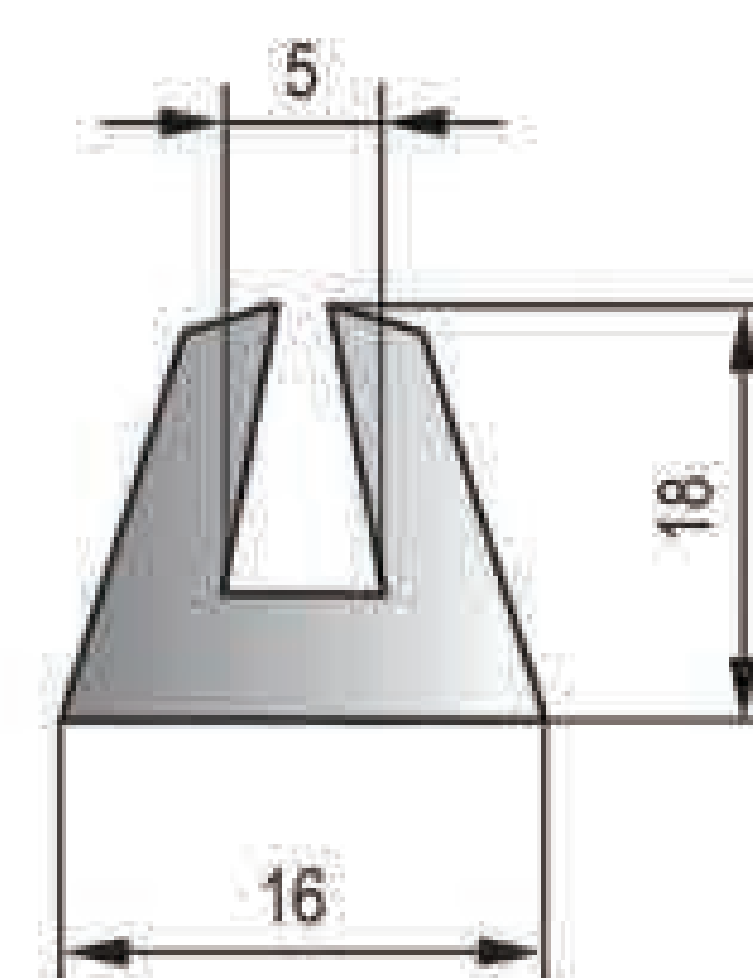
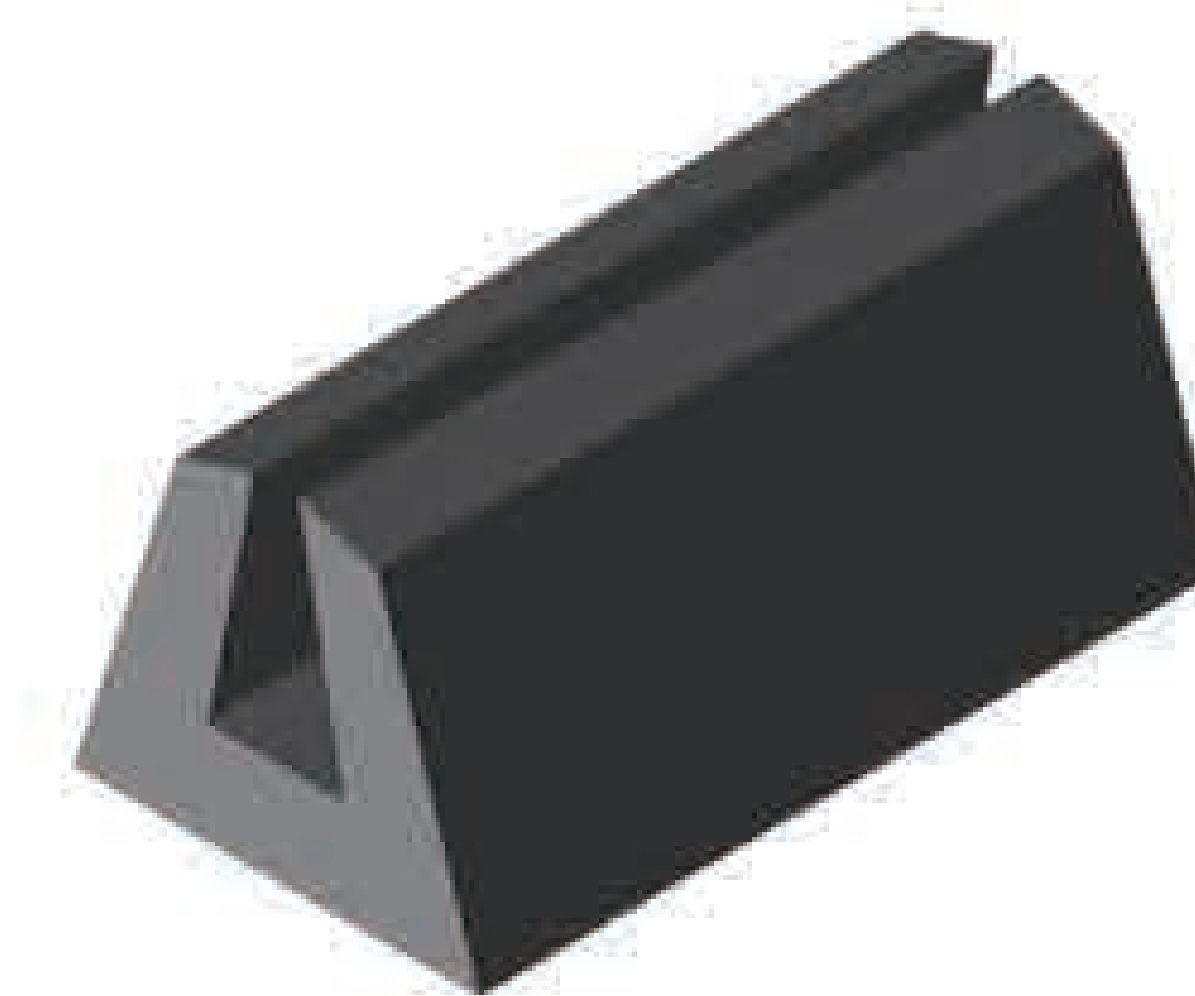
MFT-076

Black EPDM Dense Strip



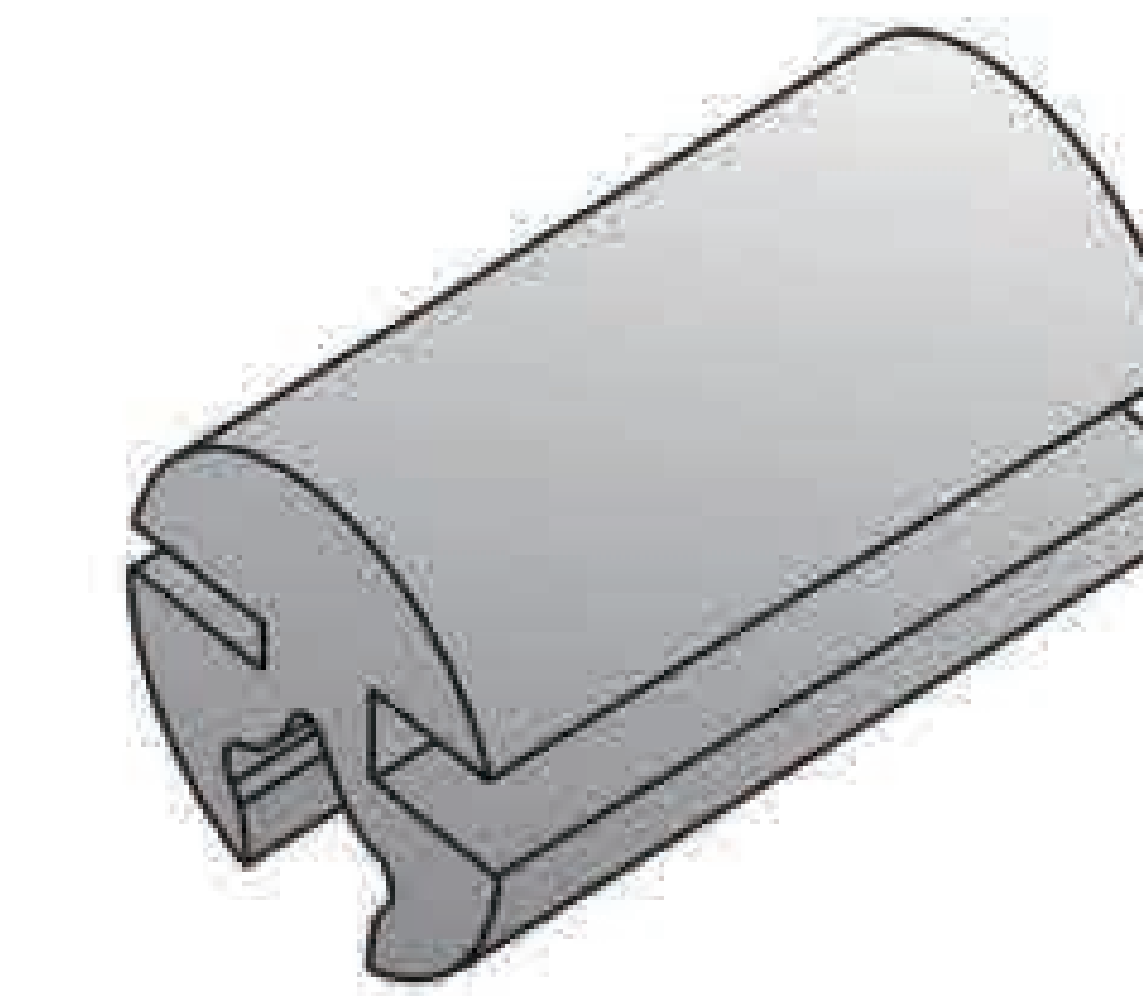
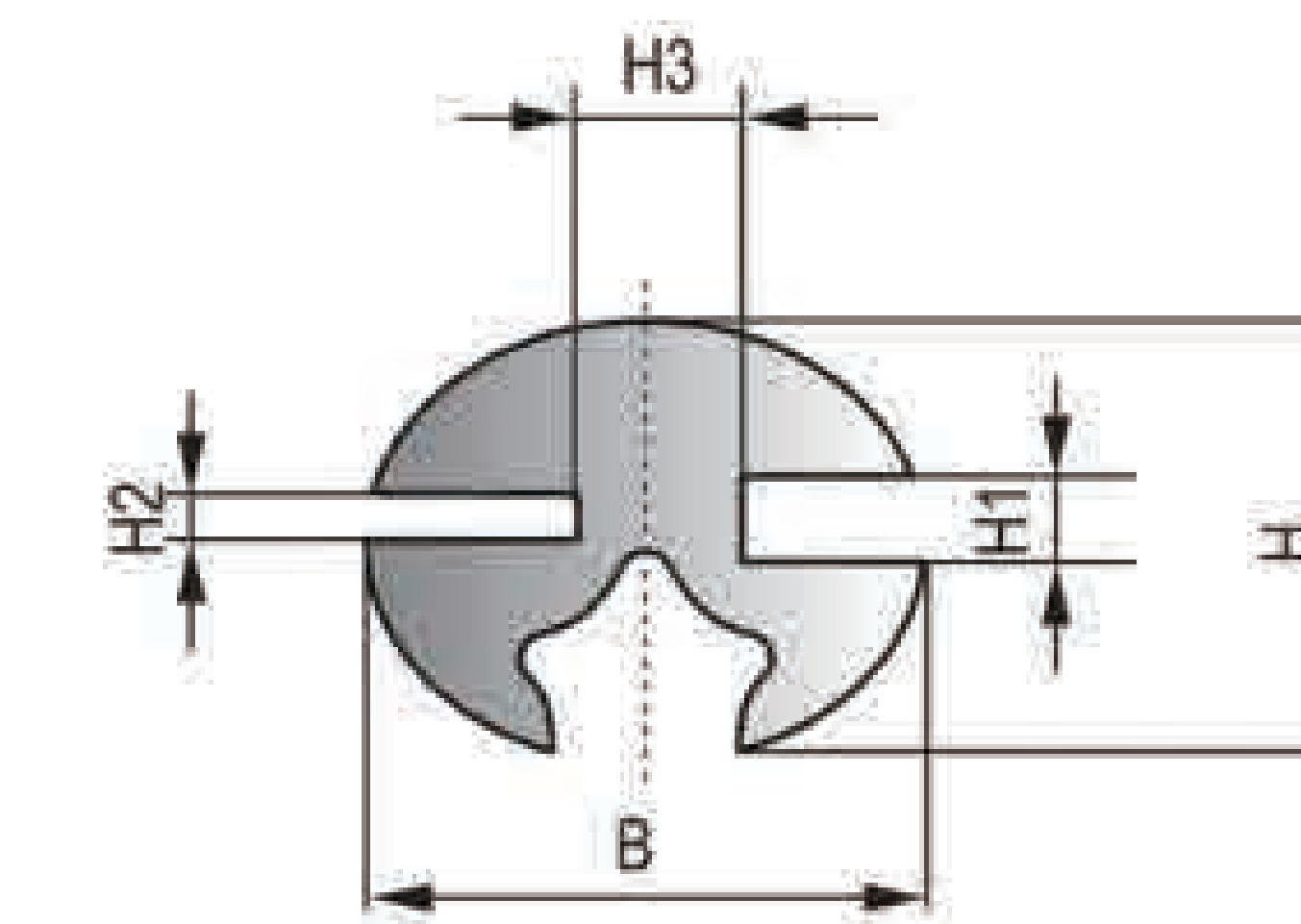
MFT-077

Black EPDM Dense Strip



MFT-078

Black EPDM Dense Strip



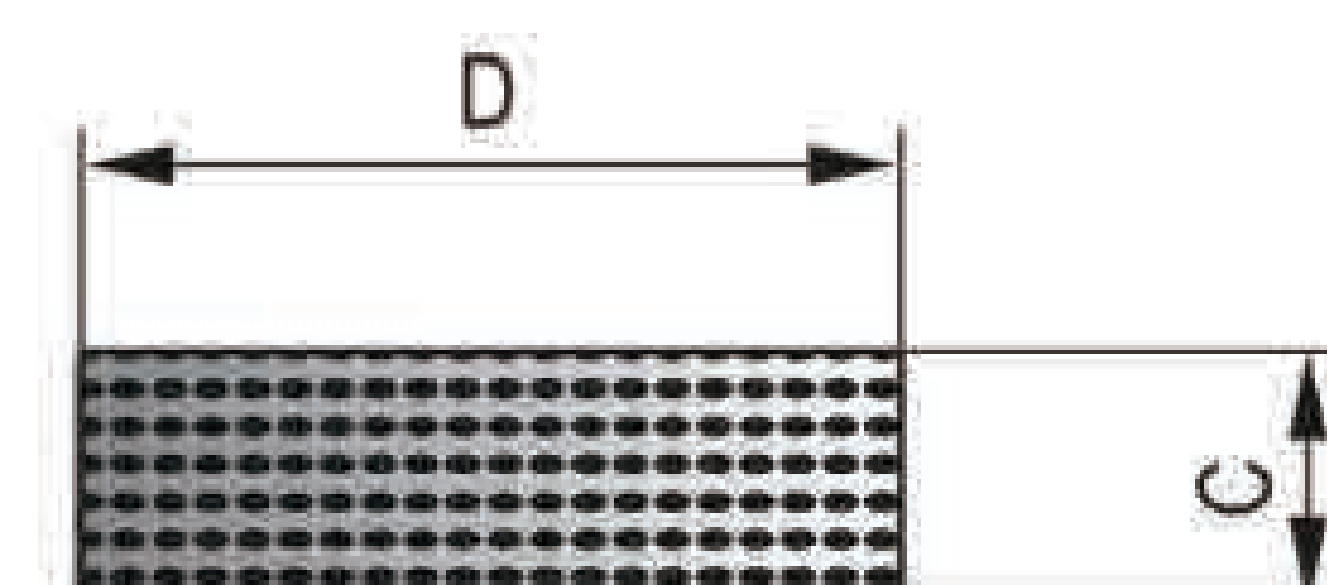
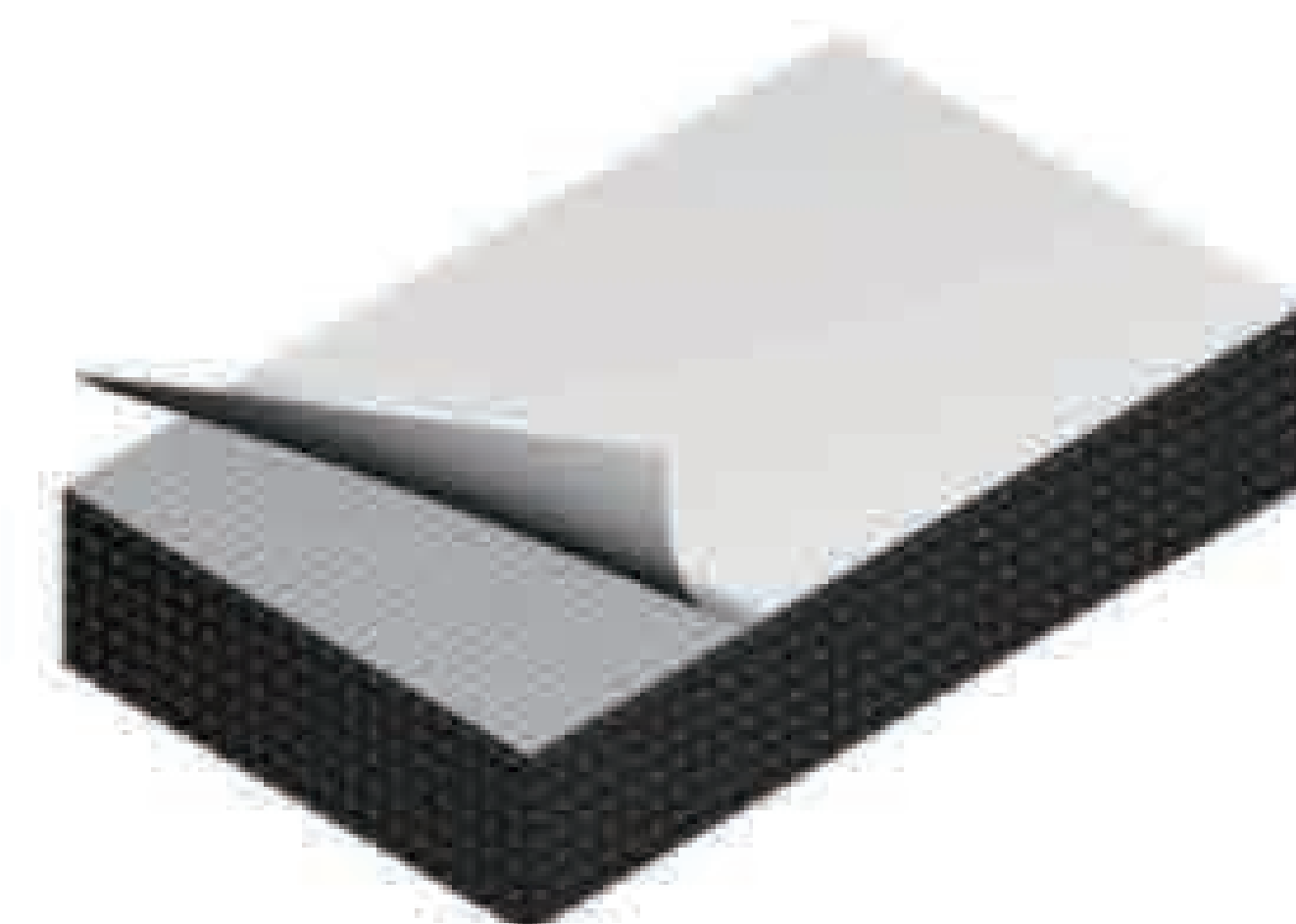
MFT 119—123



Code	B	H	H1	H2	H3
MFT-119	29	23	5	2	8
MFT-120	26	18	5	2	5
MFT-121	21	17	5	2	5
MFT-122	19	14	4	1.5	4
MFT-123	15	10	3	3	3

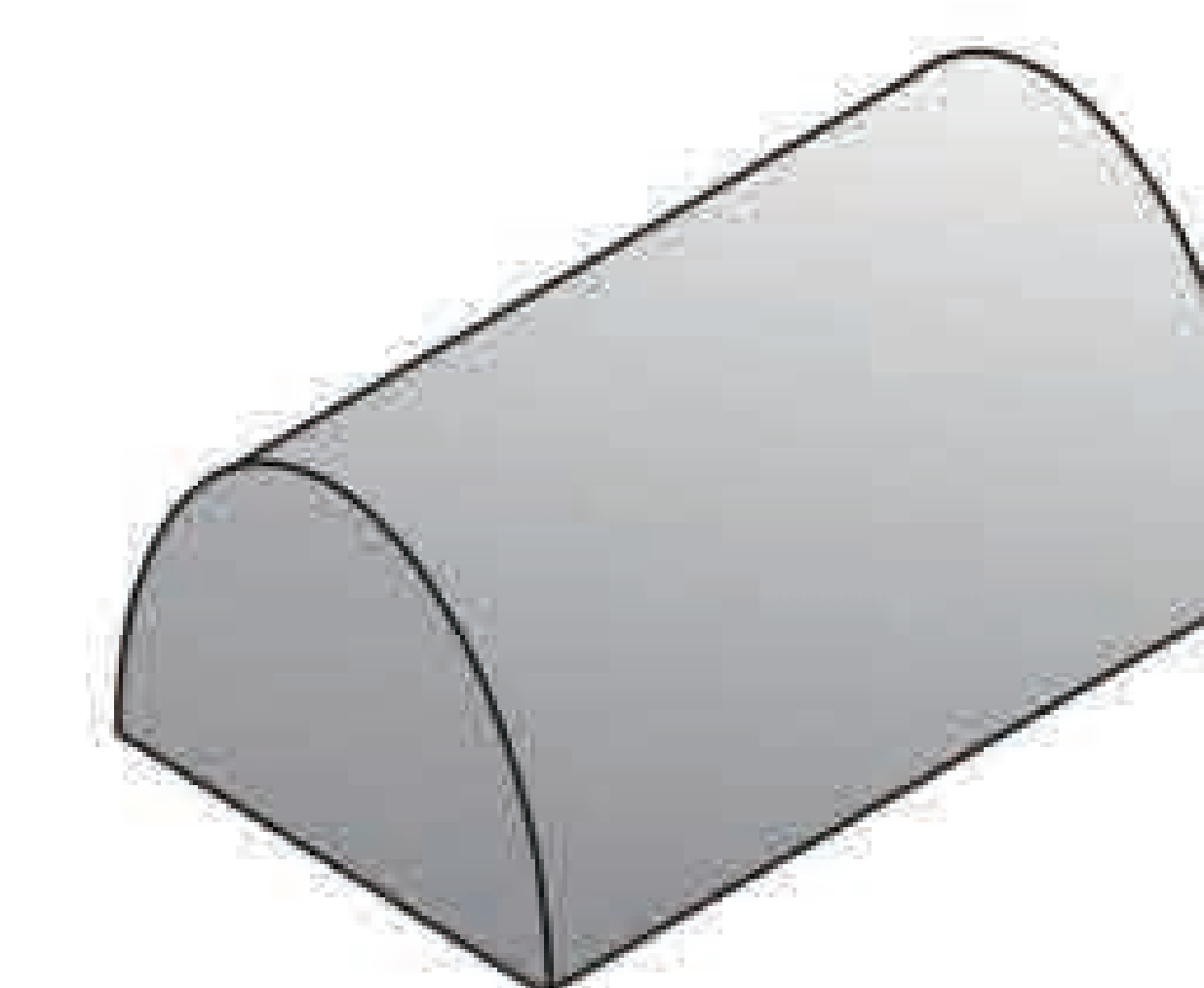
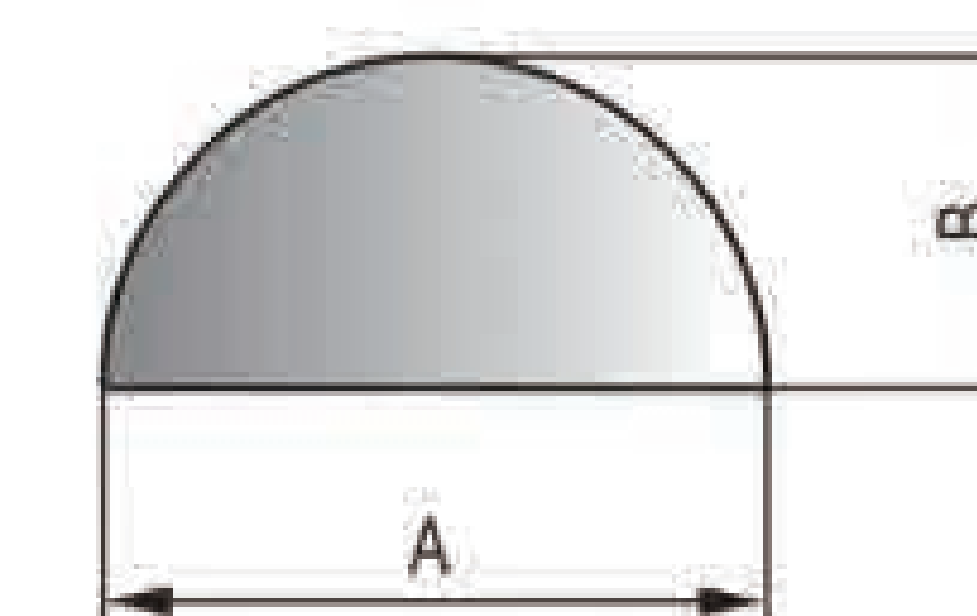
MFT 079—110

Square Gasket



Code	C	D
MFT-079	1.5	18
MFT-080	2	10
MFT-081	2	12
MFT-082	2	15
MFT-083	2	20
MFT-084	3	6
MFT-085	3	10
MFT-086	3	12
MFT-087	3	15
MFT-088	3	18
MFT-089	3	20
MFT-090	3	22
MFT-091	3	30
MFT-092	3	35
MFT-093	4	10
MFT-094	4	12

Code	C	D
MFT-095	4	15
MFT-096	4	20
MFT-097	4	25
MFT-098	4	30
MFT-099	5	10
MFT-100	5	12
MFT-101	5	14
MFT-102	5	15
MFT-103	5	20
MFT-104	5	30
MFT-105	6	10
MFT-106	6	15
MFT-107	6	17
MFT-108	6	20
MFT-109	6	25
MFT-110	6	30



MFT 129—133



Code	A	B	Code	A	B
MFT-129	16	3	MFT-134	12	10
MFT-130	16	5	MFT-135	10	12
MFT-131	16	6.5	MFT-136	10	6.5
MFT-132	16	7	MFT-137	11	7
MFT-133	16	8	MFT-138	11	12

Lock

Hinge

Handle

Draw Latch

Door Stop

Slide

Lock Accessories

Gasket

Index Index

Index Index

[illegible]