





Page 473

With and without lock.
With cylinder or without – our latches meet the most exacting standards for durability, smooth operation and convenience.



www.elinebydirak.com

Do you prefer a smart solution?
We have that too.
The MLU1003 electronic rotary latch lock is the solution for a smart and concealed latching solution, for example on parcel stations. It can easily be integrated into an access control system and its opening status can be evaluated.



Page 403

Two in one.
The locking pin not only secures the pullouts, but is also perfect for use as a hinge.



Page 448

From the front only.
The compression lever latch features front installation in the cutout. There is no cumbersome installation from inside.



TAKING A FURRY FRIEND WITH YOU ON VACATION, SAFELY?

No problem with our latch for small animal boxes. The slam latch 6-151 locks automatically when the door closes. The locked door cannot be opened from the inside because the handle has to be moved to open it.

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Page 418

DIRAK-SNAP-Technology. Unique.

Did you know? Most of our products are also available with DIRAK-SNAP-Technology.



Page 409

The new polyamide over center toggle latch is reliable, strong and corrosion-resistant, which makes it suitable for indoor and outdoor areas.



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Sturdy and flexible.
The sturdy slam latch with flexible profile cylinder ensures reliable closing in different installation positions.



Latches

Slam latch

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399 Snap-Lock [1-060]



400 Snap-Lock L30 [1-500]



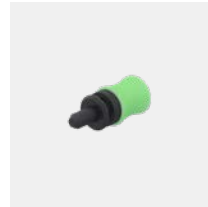
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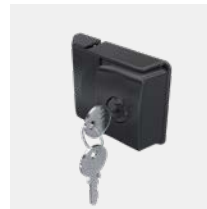
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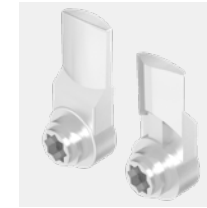
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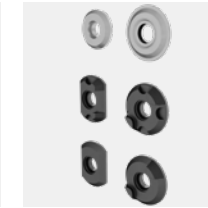
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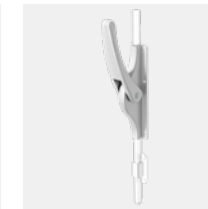
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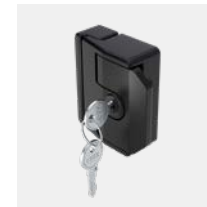
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IP 65

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Advantages

- Quick-release fastener for mounting covers, side and rear panels.
- The fastener consists of two basic components.
- IP65 according to DIN EN 60529 (optional).

Materials

- **Stud:** PA black or grey RAL 7032 or Durethan BKV 30 N1 matte black
- **Wing:** PA
- **Cam:** spring steel, zinc plated

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Advantages

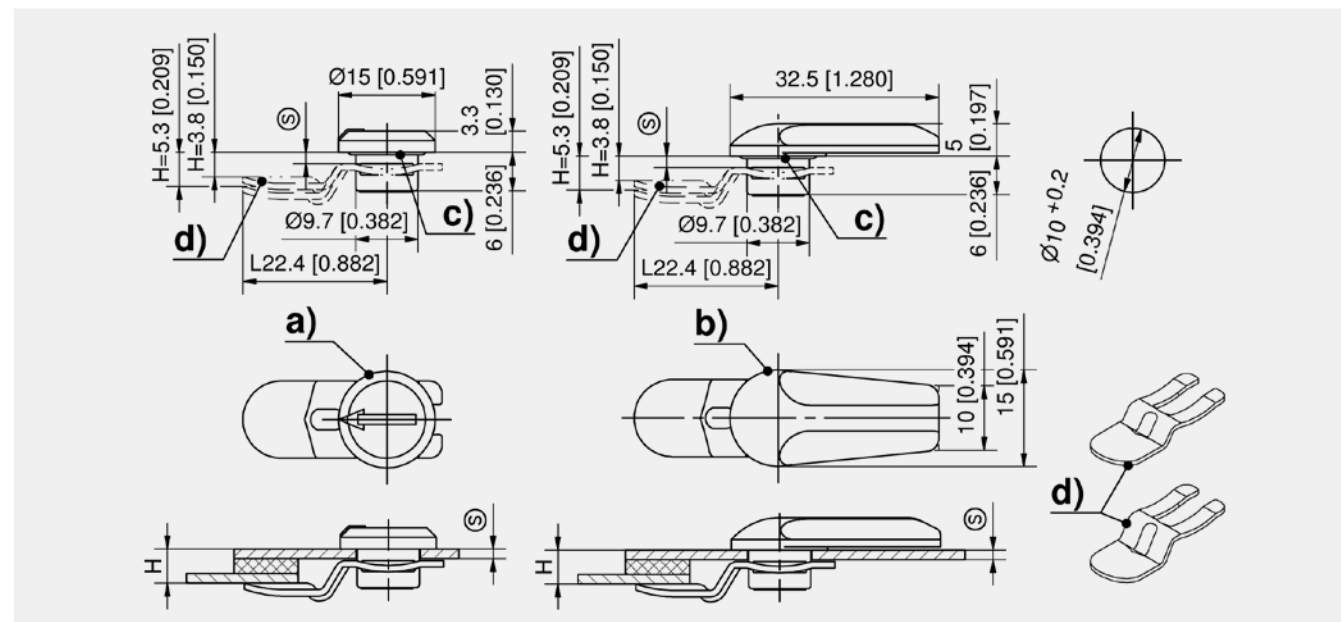
- With slam function.
- Nut fixing.
- Released by pushing.

Materials

- **Snap-lock:** zinc die, chrome plated
- **Nuts:** steel, zinc plated

Remarks

- (S) Door-thickness max. 6.5mm
Finger pull only suitable for version a)
Larger lockable version see product system 1-500 or 1-501.
1. locked
2. unlocked



Quick release fastener, stud

	Part Number	Material	Surface	Installation type	Delivery Unit
a)	246-0103.03-00000	PA	black	tool-less	20 pcs.
a)	246-0103.06-07032	PA	grey RAL 7032	tool-less	20 pcs.
a)	246-0103.50-00000	Durethan BKV 30 N1	black matt	tool-less	20 pcs.

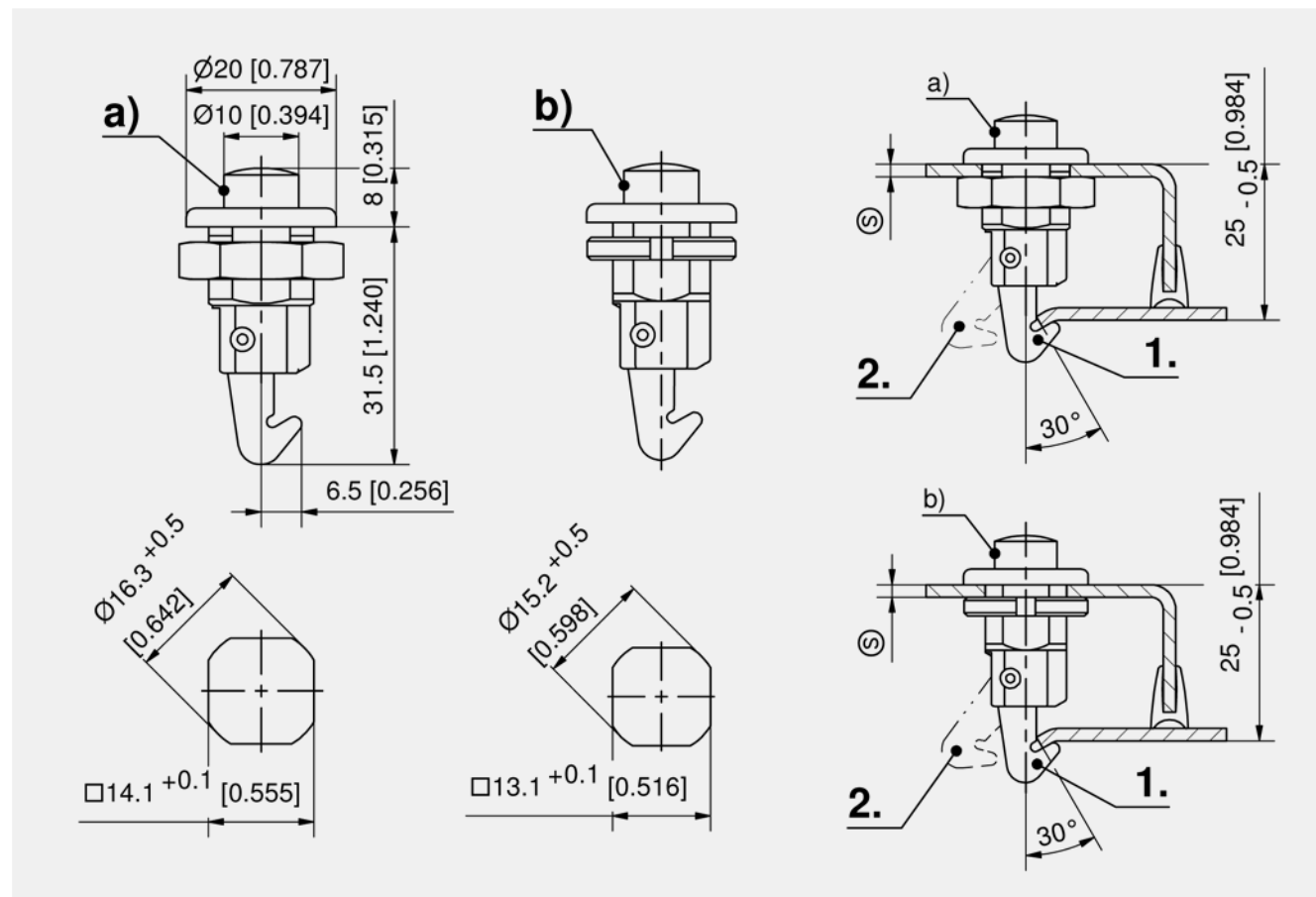
Quick release fastener, wing

	Part Number	Material	Surface	Installation type	Delivery Unit
b)	246-0104.03-00000	PA	black	tool-less	20 pcs.
b)	246-0104.06-07032	PA	grey RAL 7032	tool-less	20 pcs.

Cams

	Part Number	Name	Material	Delivery Unit
d)	246-0202.00-00000	Cam H 3.5mm	spring steel	20 pcs.
d)	246-0204.00-00000	Cam H 5mm	spring steel	20 pcs.

	Function extension
c)	220-0601.00-00000 O-ring 9.1 x 1.6mm



Snap-lock

	Part Number	Fastening type	Cutout	Delivery Unit
a)	252-9001.00-00000	Nut	□ 14.1 mm	10 pcs.
b)	252-9004.00-00000	Groove nut	□ 13.1mm	10 pcs.

	Accessories
a)	148 220-1301.00-00000 Finger pull





Advantages

- The spring loaded cam of this snap-lock is operated by the key.
- Lock is supplied with nut and wide stabilizing washer underneath nut.
- All locks supplied with two keys.

Materials

- **Snap-Lock:** zinc die, chrome plated
- **Washer and nut:** steel, zinc plated

Remarks

- (S) Door-thickness max. 10mm
1. black coating
 2. washer

Advantages

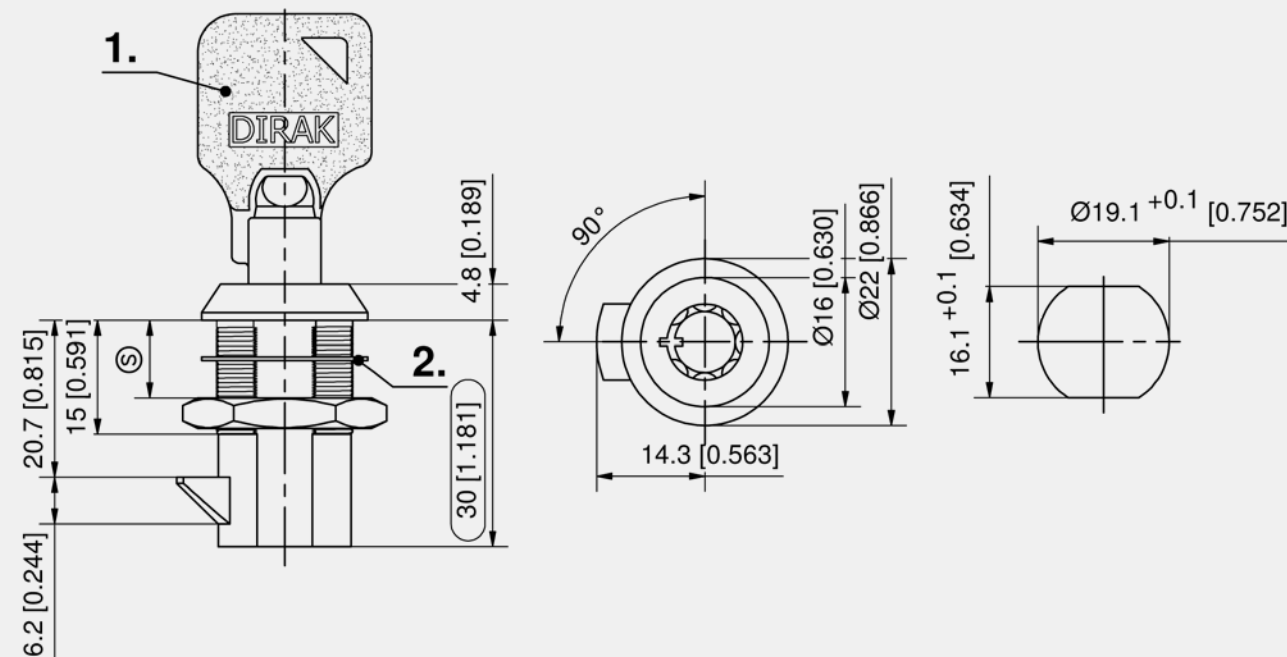
- **Version a):** the spring loaded cam is operated by the key.
- **Version b):** the spring loaded cam is operated by a lockable push-button.
- **Version c):** the spring loaded cam is operated by a push-button.
- All locks supplied with two keys.
- Grounding by single-sided grounding nut.

Materials

- **Snap-Lock:** zinc die, chrome plated
- **Grounding Nut:** zinc die

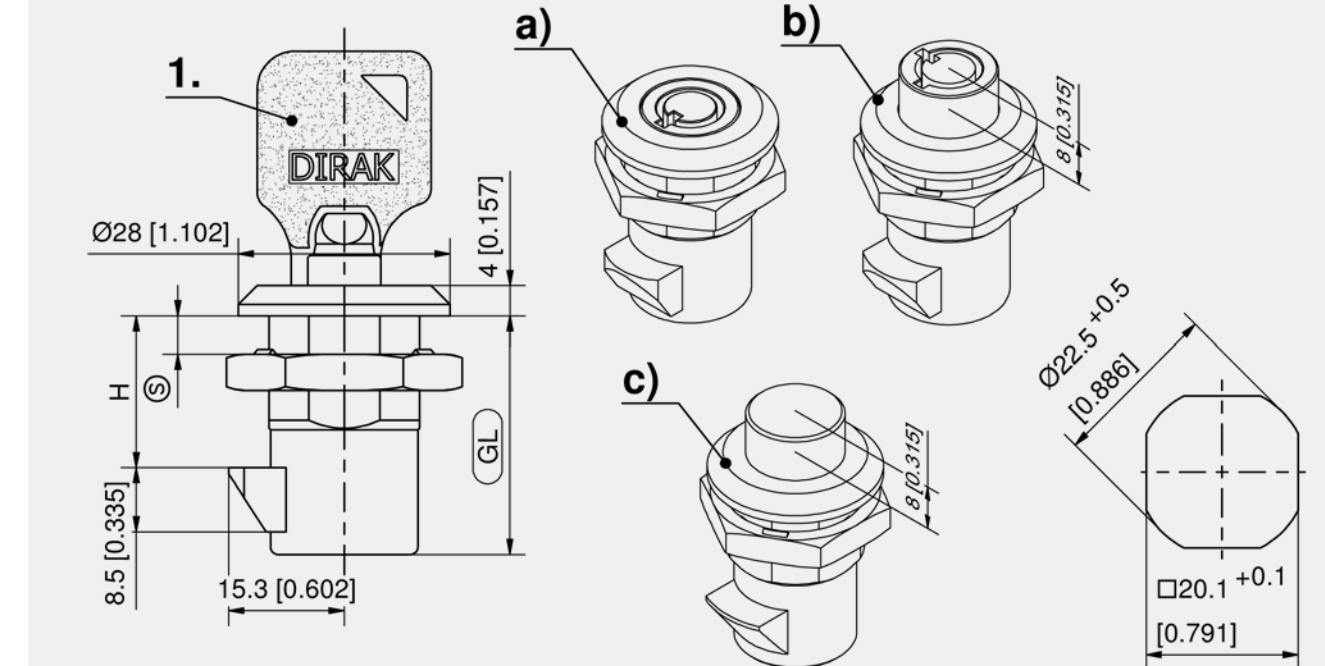
Remarks

- By using a finger pull the dimensions (S) and H decreases by **2mm!**
1. black coating



Snap-lock

Part Number	Latching type	Cutout	Delivery Unit
264-9102.00-00000	keyed alike DIRAK D0205	16.1 x 19.1 mm	1 pc.
264-9101.00-00000	keyed different	16.1 x 19.1 mm	1 pc.



Snap-lock

	Part Number	Latching type	Housing length	H-dimension	Door-thickness (S)	Delivery Unit
a)	264-9001.00-00000	keyed different	31.5 mm	20 mm	10 mm	1 pc.
a)	264-9002.00-00000	keyed alike DIRAK D0205	31.5 mm	20 mm	10 mm	1 pc.
a)	264-9003.00-00000	keyed different	36.5 mm	25 mm	15 mm	1 pc.
a)	264-9004.00-00000	keyed alike DIRAK D0205	36.5 mm	25 mm	15 mm	1 pc.
b)	264-9005.00-00000	keyed different	31.5 mm	20 mm	10 mm	1 pc.
b)	264-9006.00-00000	keyed alike DIRAK D0205	31.5 mm	20 mm	10 mm	1 pc.
b)	264-9007.00-00000	keyed different	36.5 mm	25 mm	15 mm	1 pc.
b)	264-9008.00-00000	keyed alike DIRAK D0205	36.5 mm	25 mm	15 mm	1 pc.
c)	264-9009.00-00000	Push button	31.5 mm	20 mm	10 mm	1 pc.

+	Accessories
172	200-4703.03-00000 Finger pull for Ø28





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Advantages

- Indexing plunger with spring-loaded handle.
- Installed using a simple push into the cutout.
- Enables fixing of drawers.
- Large, ergonomically designed handle for ease of use.

Materials

- Housing:** PA, black
- Handle:** PA, green
- Plunger pin and spring:** steel, zinc plated

Remarks

- cutout plunger pin
- cutout housing
- indexing plunger
- handle

Also available as concealed hinge, see product system 4-393.



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Advantages

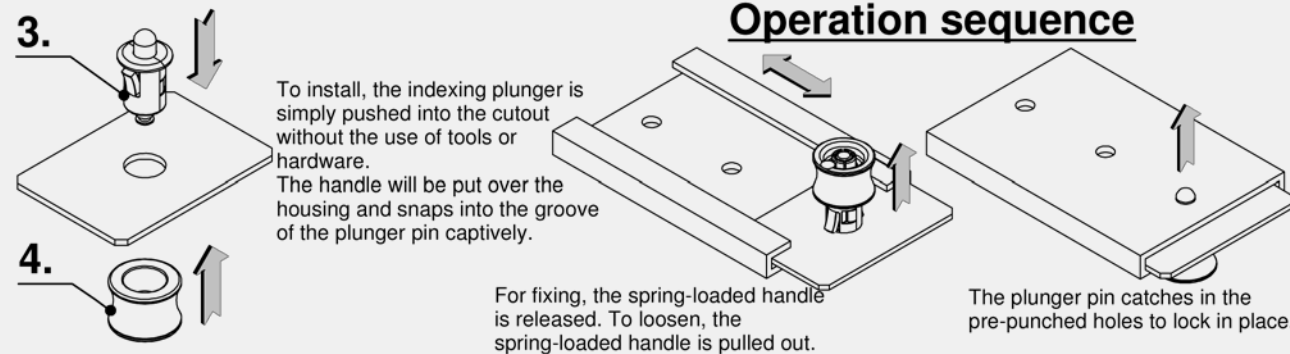
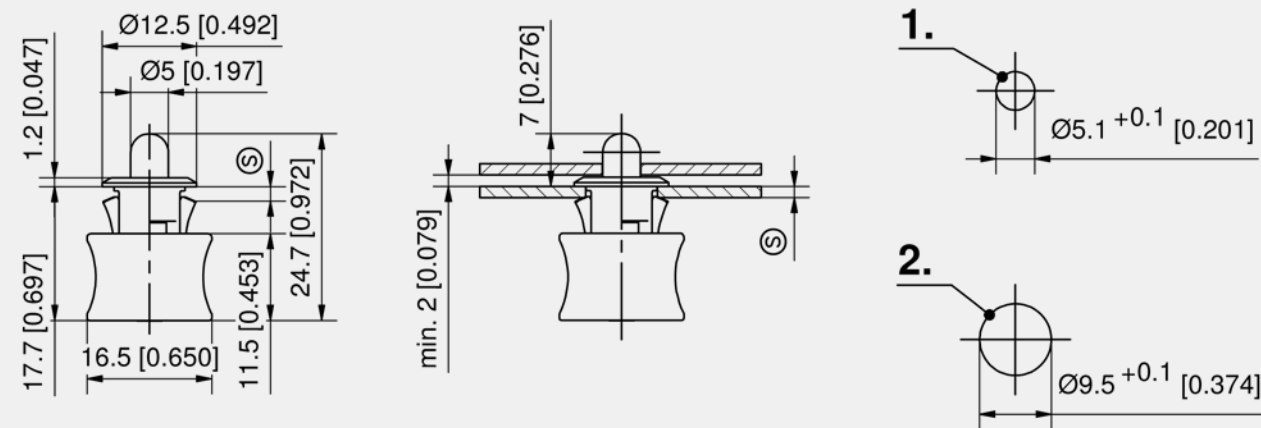
- Indexing plunger with spring-loaded handle.
- Installed using a simple push into the cutout.
- Enables fixing of covers and flaps in defined positions.
- Also usable as a hinge.
- Flexible use for material thicknesses from 1 - 13mm.
- Distance ring 8 and 4mm included in scope of delivery.

Materials

- Indexing plunger:** steel, zinc plated
- Handle:** PA, green
- Distance ring:** PA, black

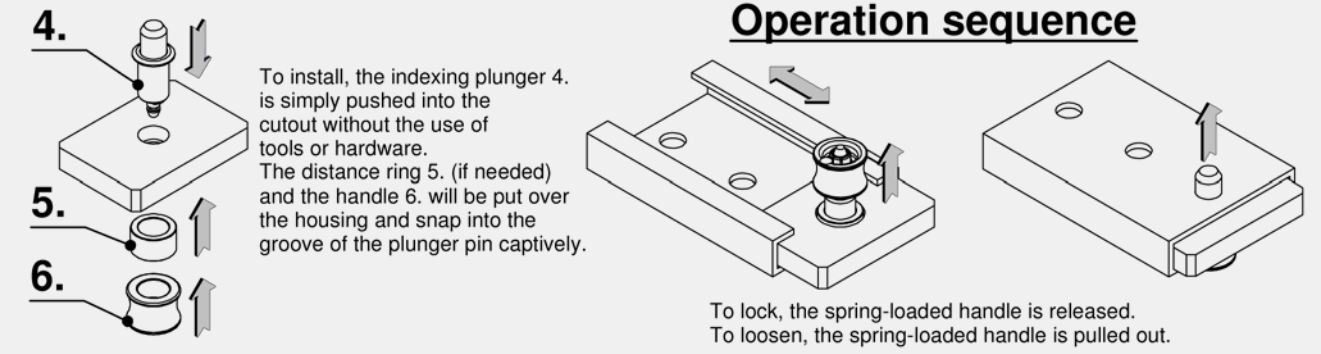
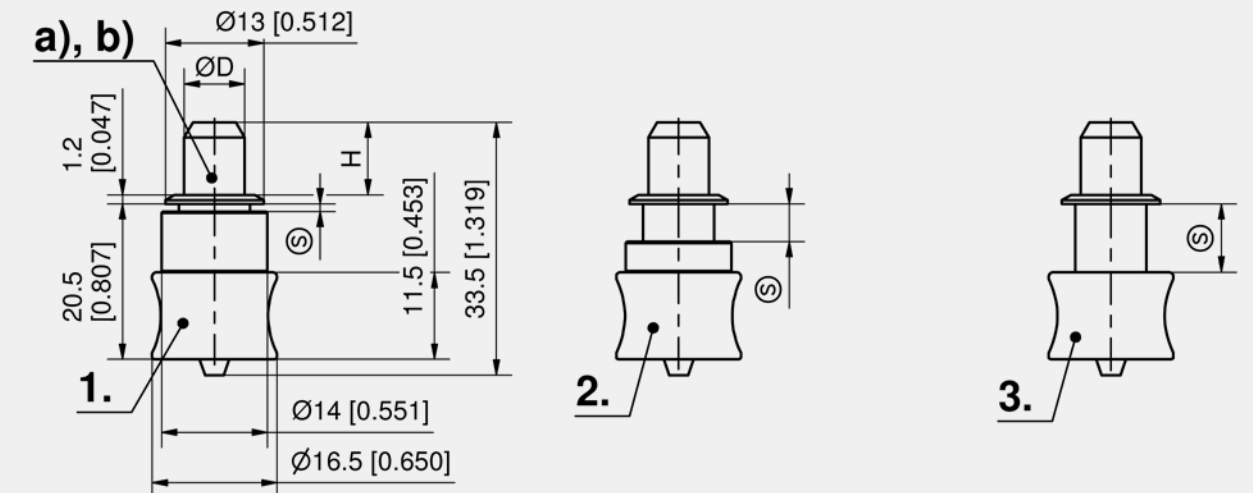
Remarks

- H depending on clamping range (S) 9.6 - 5.6mm
- assembled product with distance ring 8mm (clamping range (S) 1 - 5mm).
 - assembled product with distance ring 4mm (clamping range (S) 5 - 9mm).
 - assembled product **without** distance ring (clamping range (S) 9 - 13mm).



Indexing plunger with handle

Part Number	Clamping range (S)	Pin diameter $\varnothing$	Cutout pin	Delivery Unit
245-9304.00-00000	1.4 - 1.6 mm	5 mm	$\varnothing 5.1 + 0.1$ mm	10 pcs.



Indexing plunger with handle

	Part Number	Cutout pin	D	1. clamping range (S) with 8mm distance ring	2. clamping range (S) with 4mm distance ring	3. clamping range (S) without distance ring	H depending on clamping range (S)	Cutout housing	Delivery Unit
a)	245-9305.00-00000	$\varnothing 6.1 + 0.1$ mm	6 mm	1 - 5 mm	5 - 9 mm	9 - 13 mm	$\varnothing 9.6 - 5.6$ mm	$\varnothing 9.5 + 0.1$ mm	20 pcs.
b)	245-9306.00-00000	$\varnothing 8.1 + 0.1$ mm	8 mm	1 - 5 mm	5 - 9 mm	9 - 13 mm	$\varnothing 9.6 - 5.6$ mm	$\varnothing 9.5 + 0.1$ mm	20 pcs.





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Advantages

- Indexing plunger with spring-loaded handle and rest position.
- Installed using a simple push into the cutout.
- Enables fixing of covers and flaps in defined positions.
- The spring-loaded handle is fixed by pulling and then turning 90°.
- Avoids linear movement between two parts.
- Also useable as a hinge.
- Flexible use for material thicknesses of 1 - 8mm.

Materials

- Housing and distance ring:** PA, black
- Handle / cap:** PA, green

Remarks

- Available with various head heights: 2, 3 and 4mm for different gap dimensions.
- 1. possible countersunk in the cutout. As a result, the gap between two components and the thickness of the material can be adjusted.



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Advantages

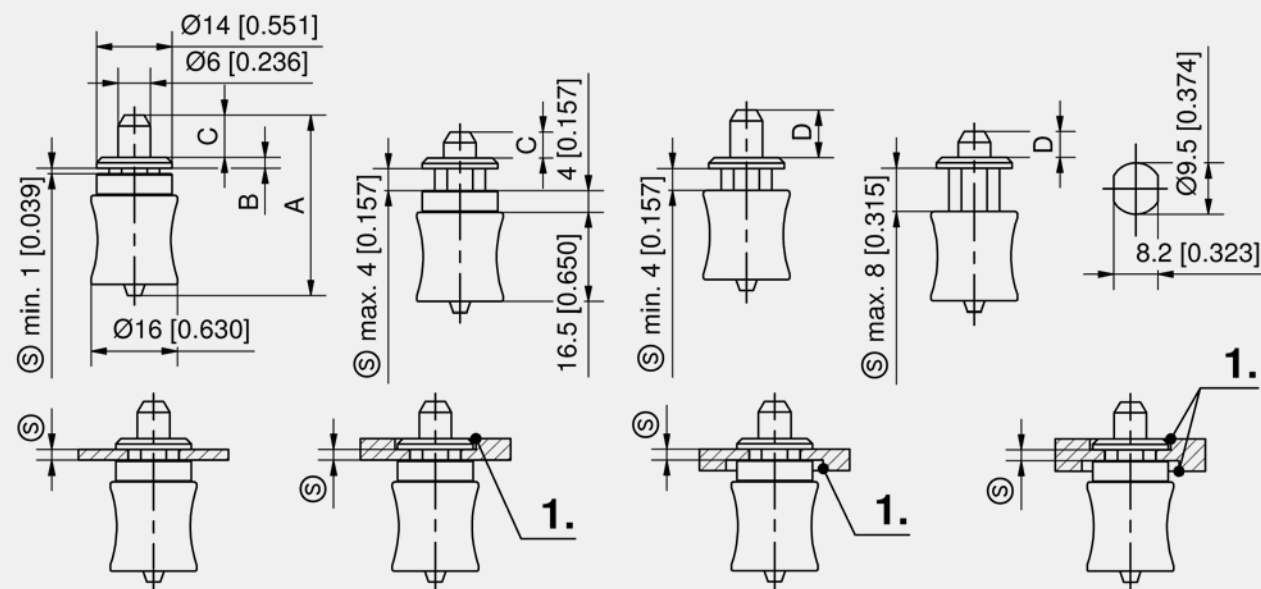
- Pin hinge with spring-loaded handle.
- For nested doors.
- Hinge concealed.
- RH / LH application.
- 120° Opening angle.
- Flexible use for material thicknesses up to 4mm.
- The spring loaded pin allows for an easy and quick installation and removal of the door.
- Installed using a simple push into the cutout.
- The installation is tool-less with a simple push into the appropriate cutout.
- Usable also as locking pin.

Materials

- Pin:** steel, zinc plated
- Handle:** PA, green
- Spacer:** PA, black

Remarks

- assembled without tools by pressing the locking pin into the handle.
 - disassembling the door.
 - door installed.
 - by reducing the material in the cutout, the distance between the two components can be adjusted.
- On request also available with another handle (see 6-211).

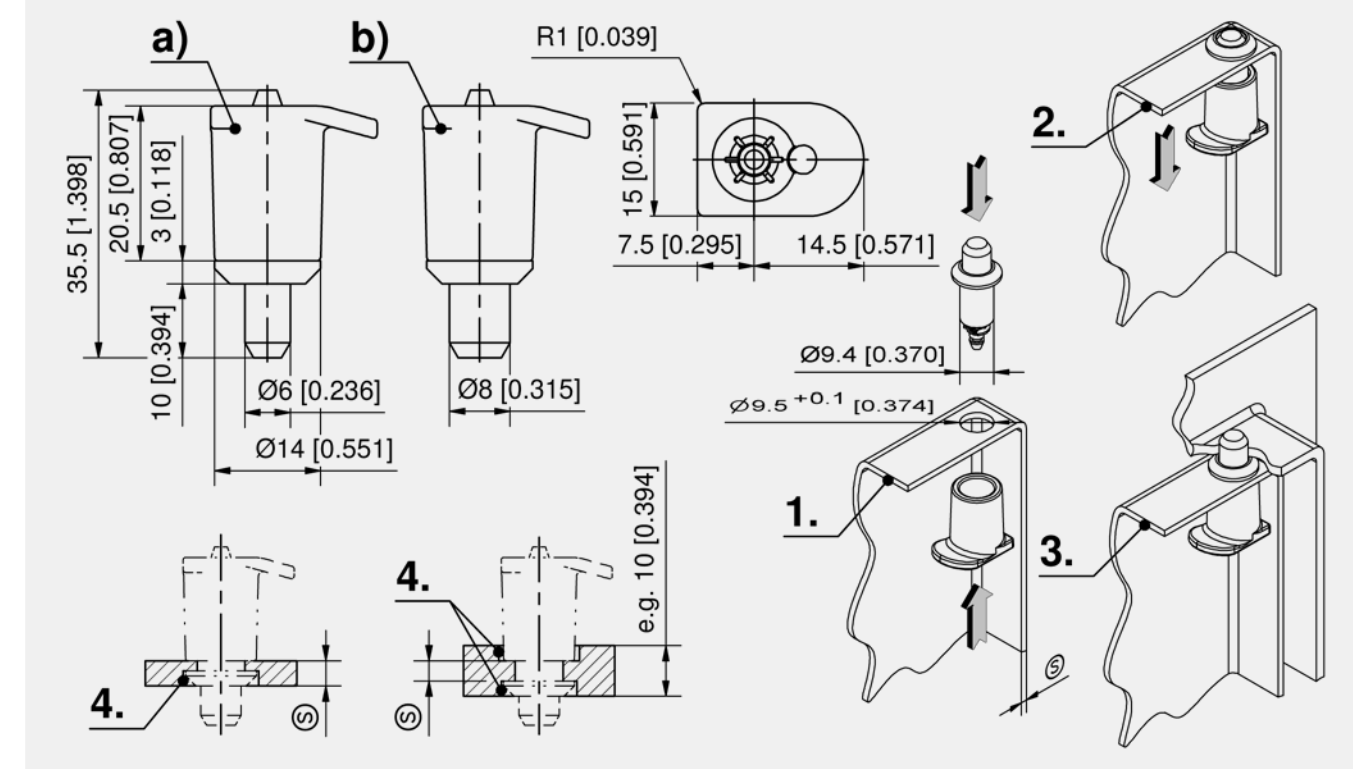


Operation sequence

- To install, the indexing plunger 1. is simply pushed into the cutout without the use of tools or hardware.
- The distance ring 2. (if needed) and the handle 3. will be put over the housing and snap into the groove of the plunger pin captively.
- For fixing of the indexing plunger the handle has to be pulled and turned by 90°.
- For loosening the spring-loaded handle has to be turned back.

Indexing plunger with rest position

Part Number	Head height B	at a min. - max. clamping range (S) without distance ring the plunger pin height is Cs	at a min. - max. clamping range (S) without distance ring the plunger pin height is D	total Length A	Cutout housing	Cutout pin	Pin diameter Ø	Delivery Unit
245-9317.00-00020	2 mm	4.8 - 7.8 mm	4.8 - 8.8 mm	33.4 mm	$\varnothing 9.5 \times 8.2$ mm	$\varnothing 6,1 + 0,1$ mm	6 mm	20 pcs.
245-9317.00-00030	3 mm	5.8 - 8.8 mm	5.8 - 9.8 mm	35.4 mm	$\varnothing 9.5 \times 8.2$ mm	$\varnothing 6,1 + 0,1$ mm	6 mm	20 pcs.
245-9317.00-00040	4 mm	4.8 - 7.8 mm	4.8 - 8.8 mm	35.4 mm	$\varnothing 9.5 \times 8.2$ mm	$\varnothing 6,1 + 0,1$ mm	6 mm	20 pcs.



Pin hinge

	Part Number	Clamping range (S)	Pin diameter Ø	Cutout pin	Pin version	Installation type	Delivery Unit
a)	245-9312.00-00000	0 - 4 mm	6 mm	$\varnothing 6,1 + 0,1$ mm	spring-loaded	tool-less	50 pcs.
b)	245-9313.00-00000	0 - 4 mm	8 mm	$\varnothing 8,1 + 0,1$ mm	spring-loaded	tool-less	50 pcs.





Advantages

- Handle freely adjustable by pressing the button.
- Automatic latching of the handle after releasing the push-button.
- Secure and tool-less clamping and tensioning of components.

Materials

- **Handle:** PA, black
- **Bush:** brass
- **Stud:** steel, zinc plated



Advantages

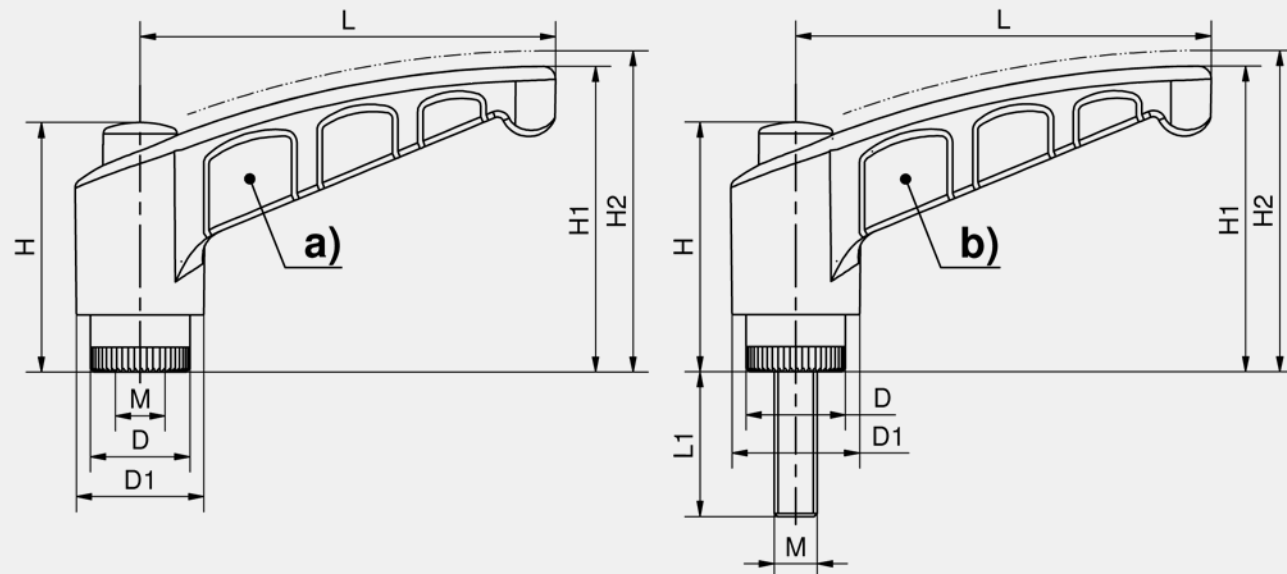
- Secure tightening and locking of two components.
- Clamping takes place via the dead center override.
- Version b) and c) release push button and vibration-proof
- Catch hooks are included.
- The surface of the over center toggle latches is satin polished.

Materials

- **Over center toggle latch:** AISI 304

Remarks

1. release push button
2. catch hook

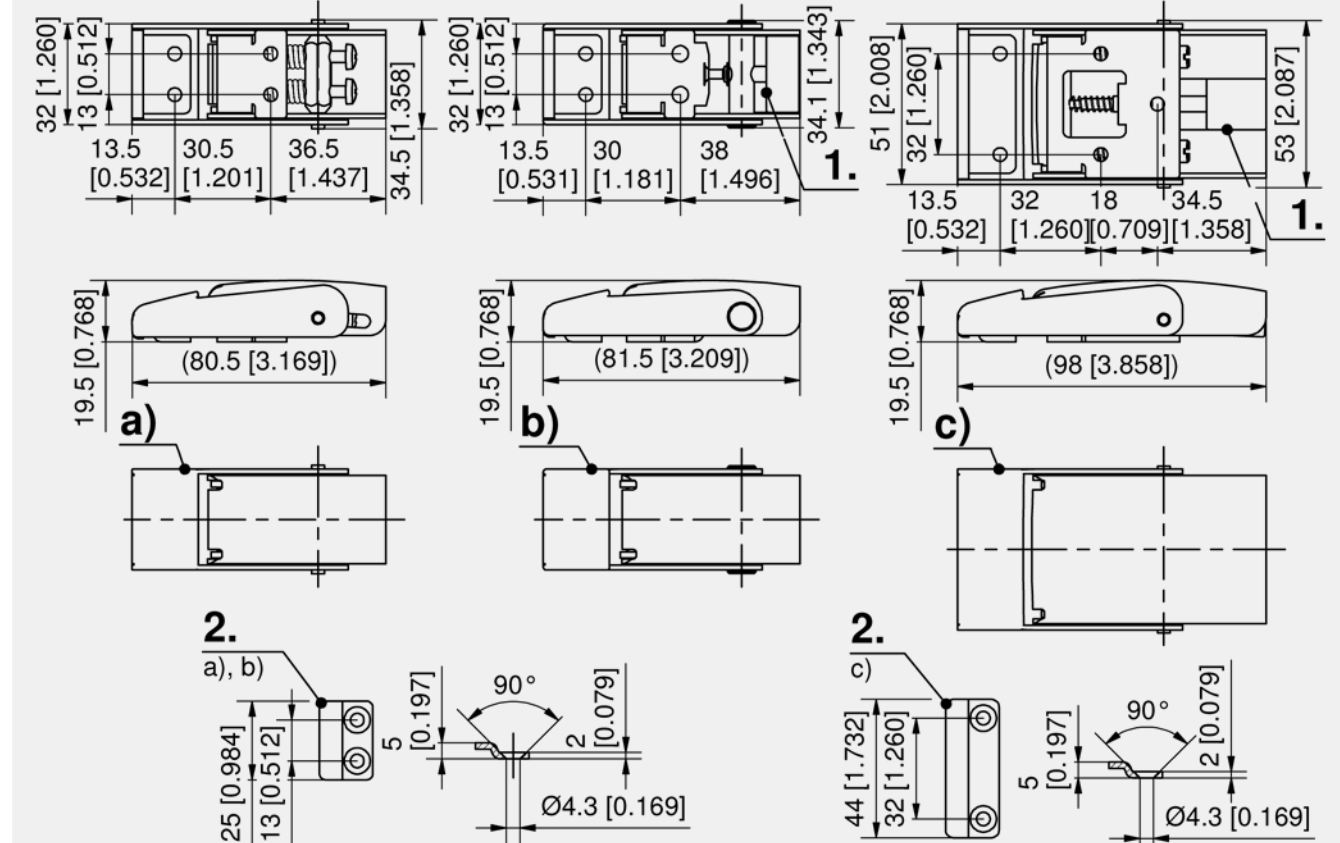


Adjustable clamping lever with internal thread

	Part Number	D	D1	H	H1	H2	L	M	Delivery Unit
a)	214-9101.00-00000	12 mm	15 mm	29 mm	34 mm	37 mm	45 mm	M5	100 pcs.
a)	214-9102.00-00000	12 mm	15 mm	29 mm	34 mm	37 mm	45 mm	M6	100 pcs.
a)	214-9103.00-00000	16 mm	20 mm	36 mm	45 mm	48 mm	65 mm	M8	100 pcs.
a)	214-9104.00-00000	19 mm	23 mm	46 mm	56 mm	59 mm	80 mm	M10	100 pcs.

Adjustable clamping lever with threaded stud

	Part Number	D	D1	H	H1	H2	L	L1	M	Delivery Unit
b)	214-9101.00-00510	12 mm	15 mm	29 mm	34 mm	37 mm	45 mm	10 mm	M5	100 pcs.
b)	214-9102.00-00620	12 mm	15 mm	29 mm	34 mm	37 mm	45 mm	20 mm	M6	100 pcs.
b)	214-9102.00-00625	12 mm	15 mm	29 mm	34 mm	37 mm	45 mm	25 mm	M6	100 pcs.
b)	214-9103.00-00820	16 mm	20 mm	36 mm	45 mm	48 mm	65 mm	20 mm	M8	100 pcs.
b)	214-9103.00-00825	16 mm	25 mm	36 mm	45 mm	48 mm	65 mm	25 mm	M8	100 pcs.
b)	214-9103.00-00830	16 mm	20 mm	36 mm	45 mm	48 mm	65 mm	30 mm	M8	100 pcs.
b)	214-9104.00-01020	19 mm	23 mm	46 mm	56 mm	59 mm	80 mm	20 mm	M10	100 pcs.
b)	214-9104.00-01025	19 mm	23 mm	46 mm	56 mm	59 mm	80 mm	25 mm	M10	100 pcs.
b)	214-9104.00-01030	19 mm	23 mm	46 mm	56 mm	59 mm	80 mm	30 mm	M10	100 pcs.



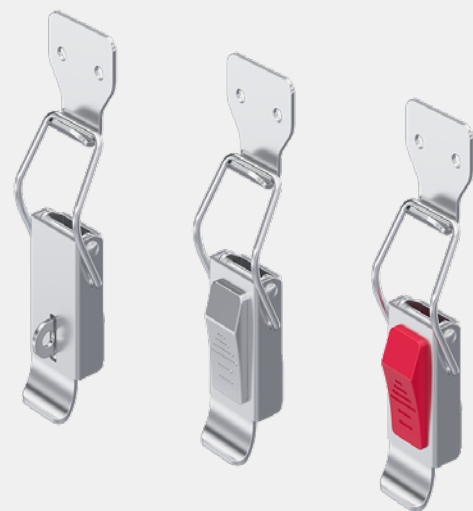
Over center toggle latch

	Part Number	Dimension	Push button release	Delivery Unit
a)	259-9001.00-00000	80 x 32		1 pc.
b)	259-9101.00-00000	82 x 32	Yes	1 pc.
c)	259-9102.00-00000	100 x 52	Yes	1 pc.





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Advantages

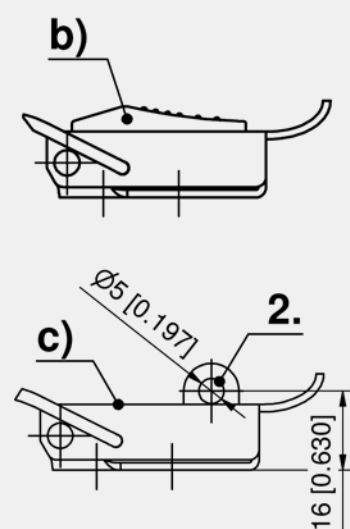
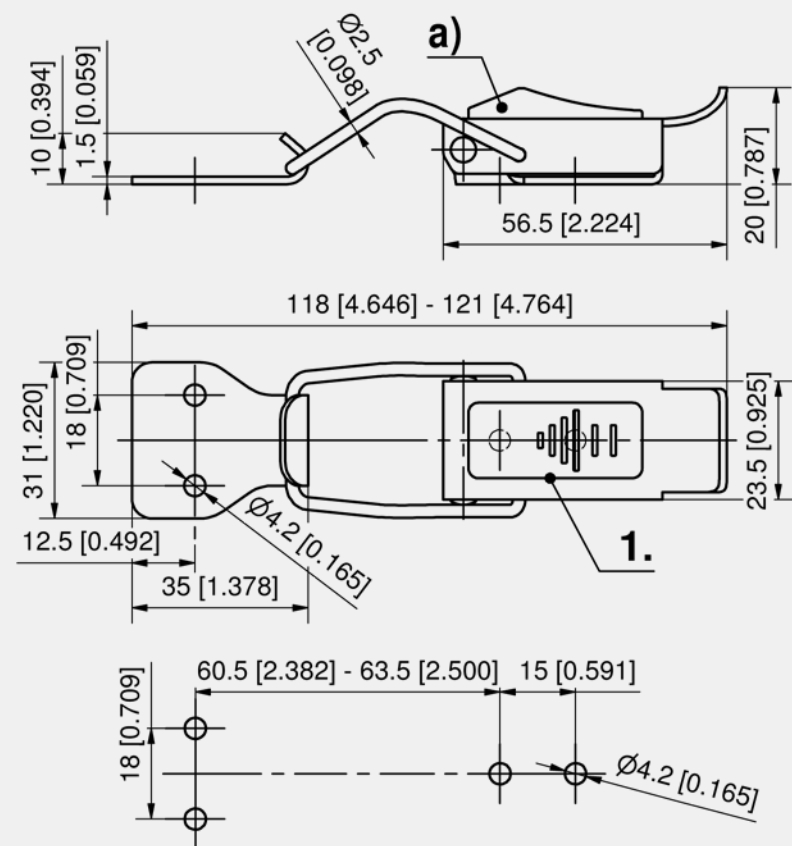
- Secure tightening and locking of two components.
- Clamping takes place via the dead center override.
- Version a) release push button with recessed raffle, stainless steel, Version b) release push button with raised raffle, ABS Version c) with padlock eye.
- Vibration-proof version a) and b).
- Catch hooks included.
- The surface of the over center toggle latches is satin polished.

Materials

- Toggle Latch:** AISI 304
- Release slider:** AISI 304 or ABS, red

Remarks

- release slider
- padlock eye



Over center toggle latch

	Part Number	Version	Delivery Unit
a)	350-2080.00-00000	with stainless steel release slider and recessed raffle	25 pcs.
b)	350-2080.00-00001	with ABS release slider and raised raffle	25 pcs.
c)	350-2080.00-00002	with eyelet for padlock	25 pcs.



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Advantages

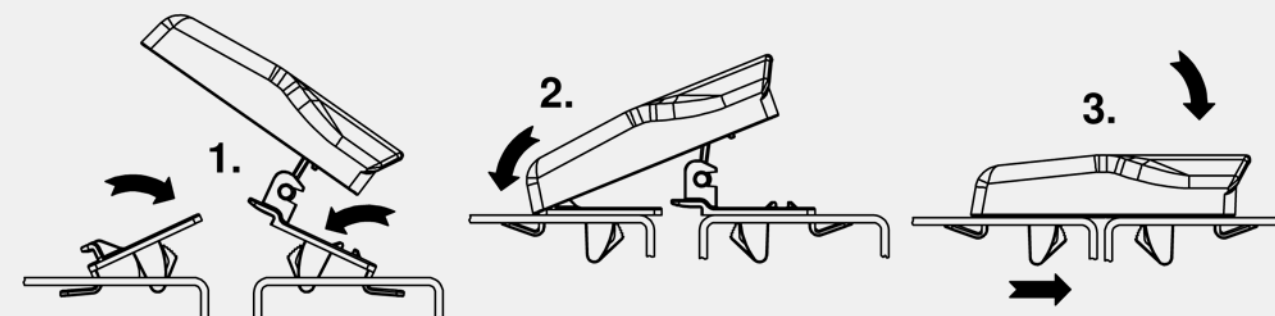
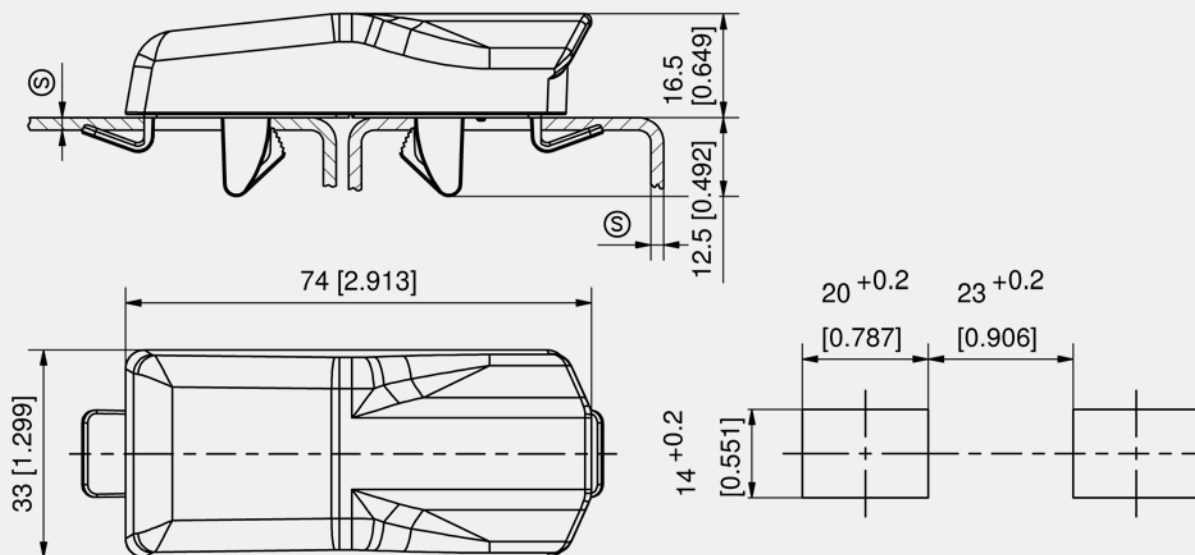
- Secure tightening and locking of two components.
- Clamping takes place via the dead center override.
- Clip-in / tool-less assembly.
- Max. closing force 250N.
- For sheet metal thicknesses from 1.2 to 3mm.
- Catch hook included.

Materials

- Over center toggle latch, catch hook:** PA, black

Remarks

- guide the closing hook and the latch under the door panel and clip them in place.
- hook the latch into the closing hook.
- press the latch down and tighten it.



Over center toggle latch PA

Part Number	Dimension	Installation type	Delivery Unit
259-9103.00-00000	74 x 33 mm	tool-less	10 pcs.





Advantages

- The pull latch handle is used by the 19" rack industry for locking insertions.
- The completely pre-assembled unit is fastened by a countersunk screw M4.
- When inserting the pull latch, the free running slam hook slides into the cutout of the door to keep the latch from rotating. (3.)
- Pulling on the handle will unlock the drawer, enabling it to be pulled out. (4.)
- RH / LH application.

Materials

- **Housing and handle:** zinc die, matte chrome plated
- **Spring for insert:** spring steel
- **Hook:** sintered steel, zinc plated

Remarks

- (S) Door-thickness max. 5mm
1. cutout handle
 2. alternative cutouts for locking hole
- The countersunk screw is not included.



Advantages

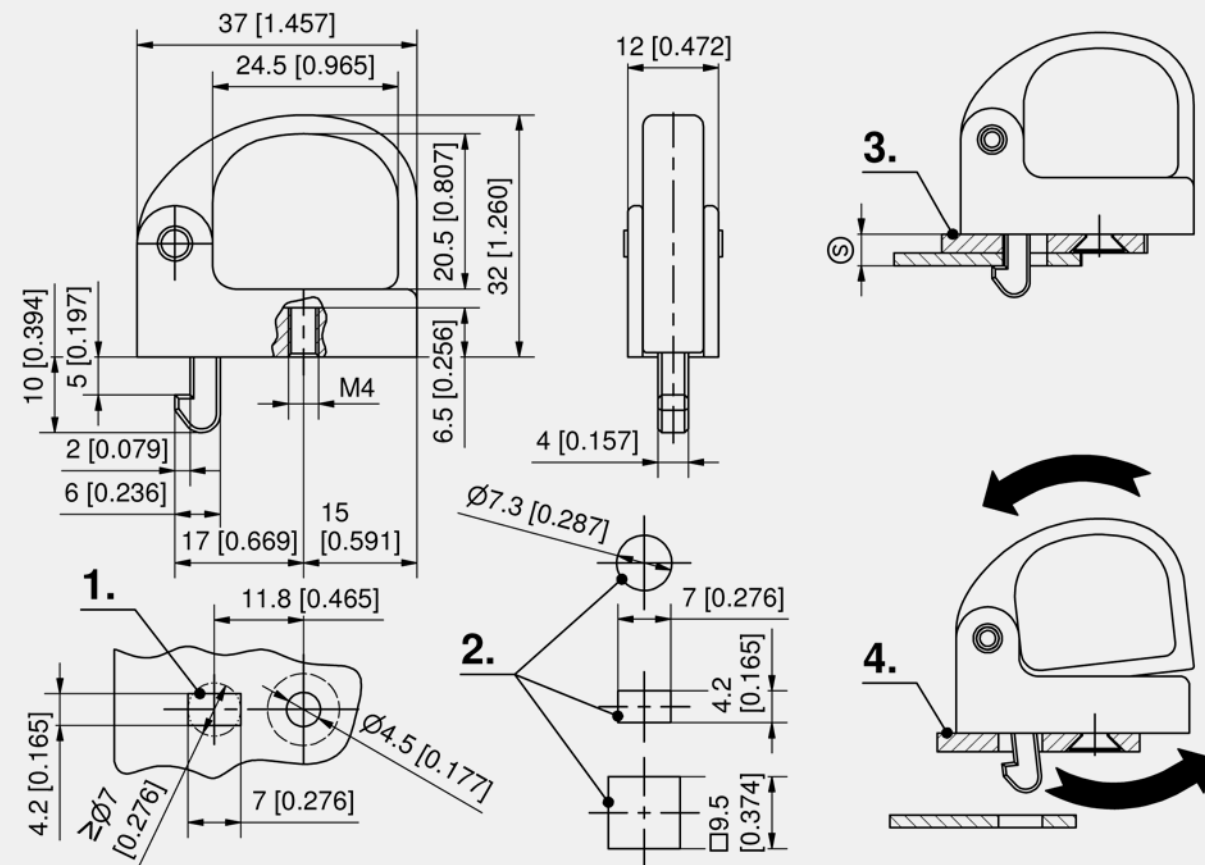
- The pull latch handle with DIRAK-SNAP-Technology is used by the 19" rack industry.
- Tool-less installation.
- When inserting the pull latch, the free running slam hook slides into the cutout of the door to keep the latch from rotating.
- By tilting the handle, the hook is removed from the cutout, enabling the drawer to be pulled out by the handle. The asymmetrical design allows the handle to tilt when it is pulled.
- RH / LH application.

Materials

- **Housing and handle:** zinc die, matte chrome plated
- **Spring for insert:** spring steel
- **Snap wedges and hook:** sintered steel, zinc plated

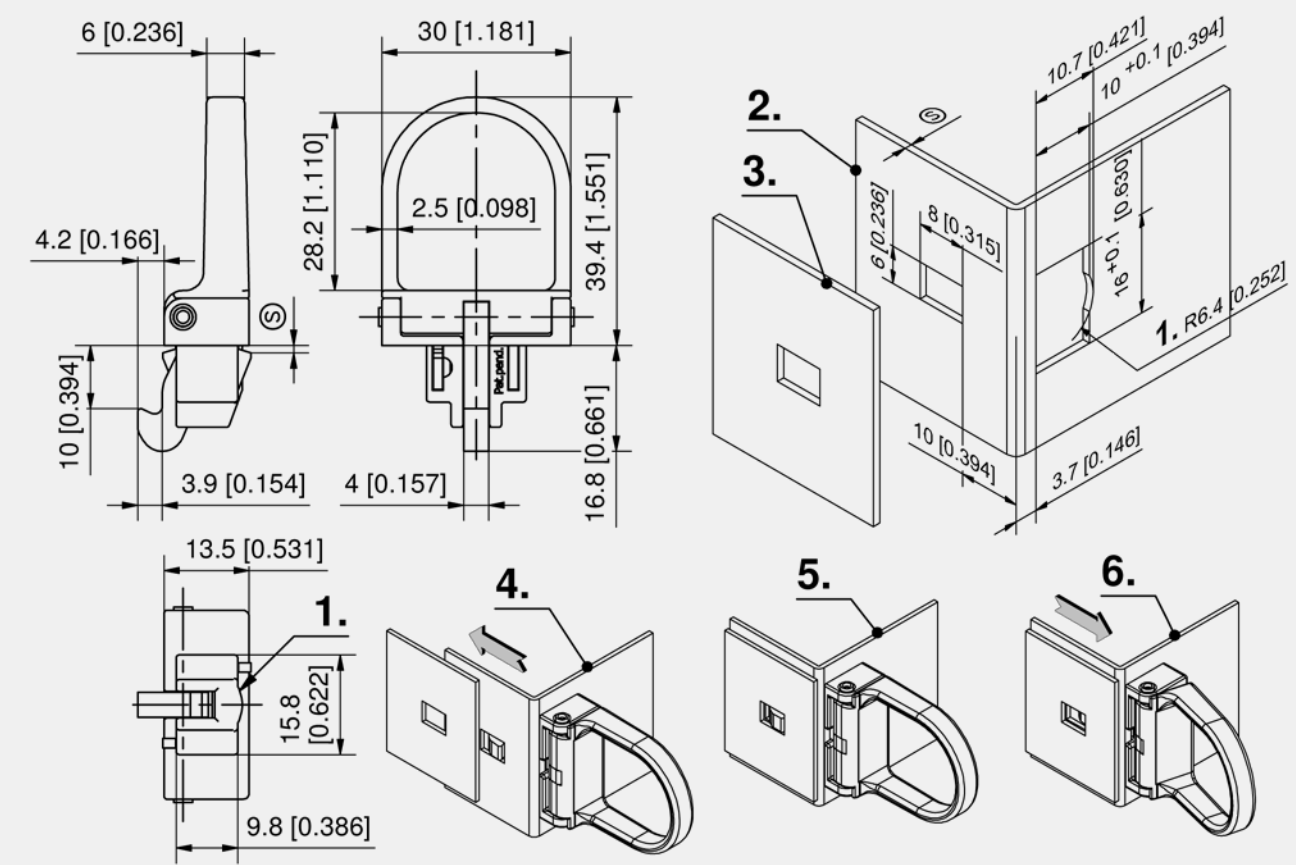
Remarks

- This cutout guarantees a unique and constant fitting.
1. bulge for correct positional installation
 2. cutout door
 3. cutout frame
 4. pushing in
 5. locked
 6. unlocked



Pull latch handle

Part Number	Installation type	Delivery Unit
280-9101.00-00000	screw-on	1 pc.



Pull latch handle

Part Number	Clamping range (S)	Installation type	Delivery Unit
480-9002.00-00810	0.8 - 1.0 mm	tool-less	1 pc.
480-9002.00-01113	1.1 - 1.3 mm	tool-less	1 pc.
480-9002.00-01416	1.4 - 1.6 mm	tool-less	1 pc.





Advantages

- Mini clamping latch with DIRAK-SNAP-Technology and indicator.
- ~7.5mm compression stroke (1.).
- Tool-less installation.
- The knob can also be controlled by a Phillips screwdriver.
- The direction of opening/closing is clearly marked on the housing.
- By turning the knob, the cam is put into the latched position. Once latched, a further turning of the knob makes the cam start its compression feature.
- RH and LH version.

Materials

- Housing:** zinc die, matte chrome plated
- Insert:** steel, matte chrome plated
- Washer and straight cam:** steel, zinc plated
- Spring:** stainless steel
- Snap wedges:** sintered steel, zinc plated

Remarks

- The latching and compression operation for the RH version is clockwise, for the LH version counterclockwise.
- 2. open
- 3. cam pivoted
- 4. cam compressed



Advantages

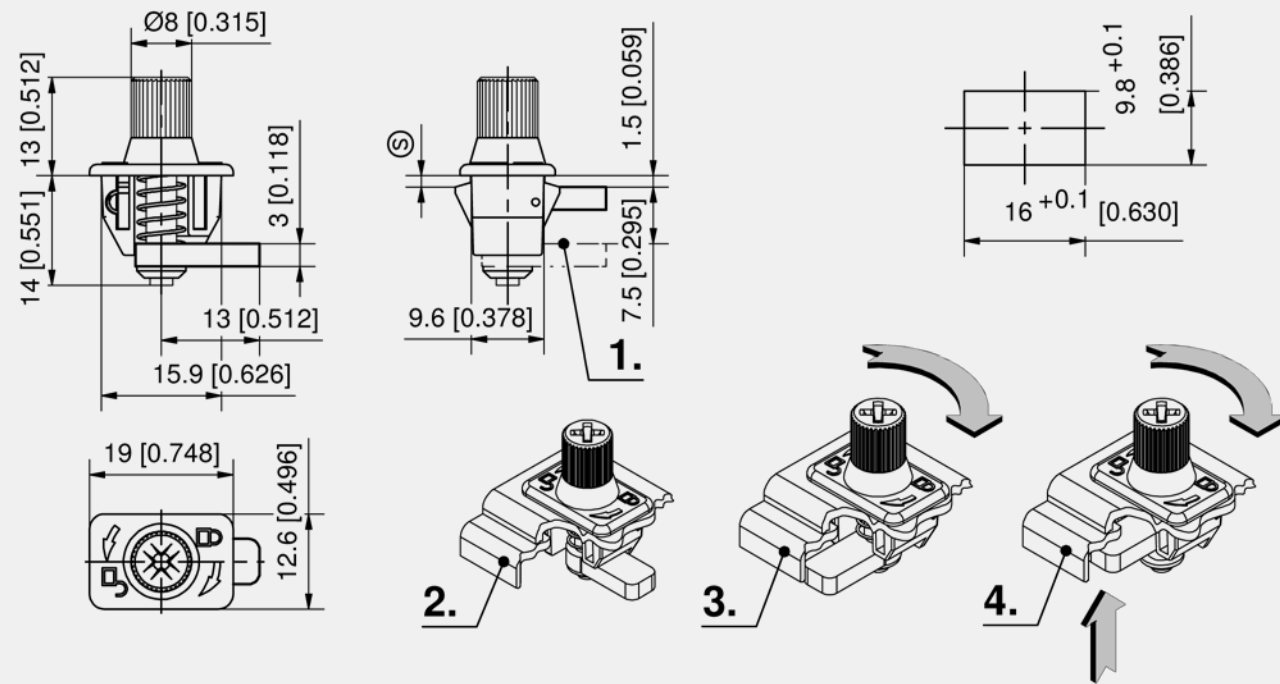
- Mini clamping latch with indicator red/green.
- The indicator stays visible and is not concealed in any fitted situation.
- ~6mm compression stroke. (1.)
- Tool-less installation.
- Hand turning knob operated.
- In open position the indicator shows "red".
- By turning the knob, the cam is put into the latched position and the "green" indicator appears. Once latched, a further turning of the knob makes the cam start its compression feature.
- RH / LH application.

Materials

- Housing, sleeve:** zinc die, matte chrome plated or black coated
- Insert:** steel, matte chrome plated or black coated
- Washers:** steel, zinc plated
- Spring:** stainless steel
- Cam and snap wedges:** sintered steel, zinc plated

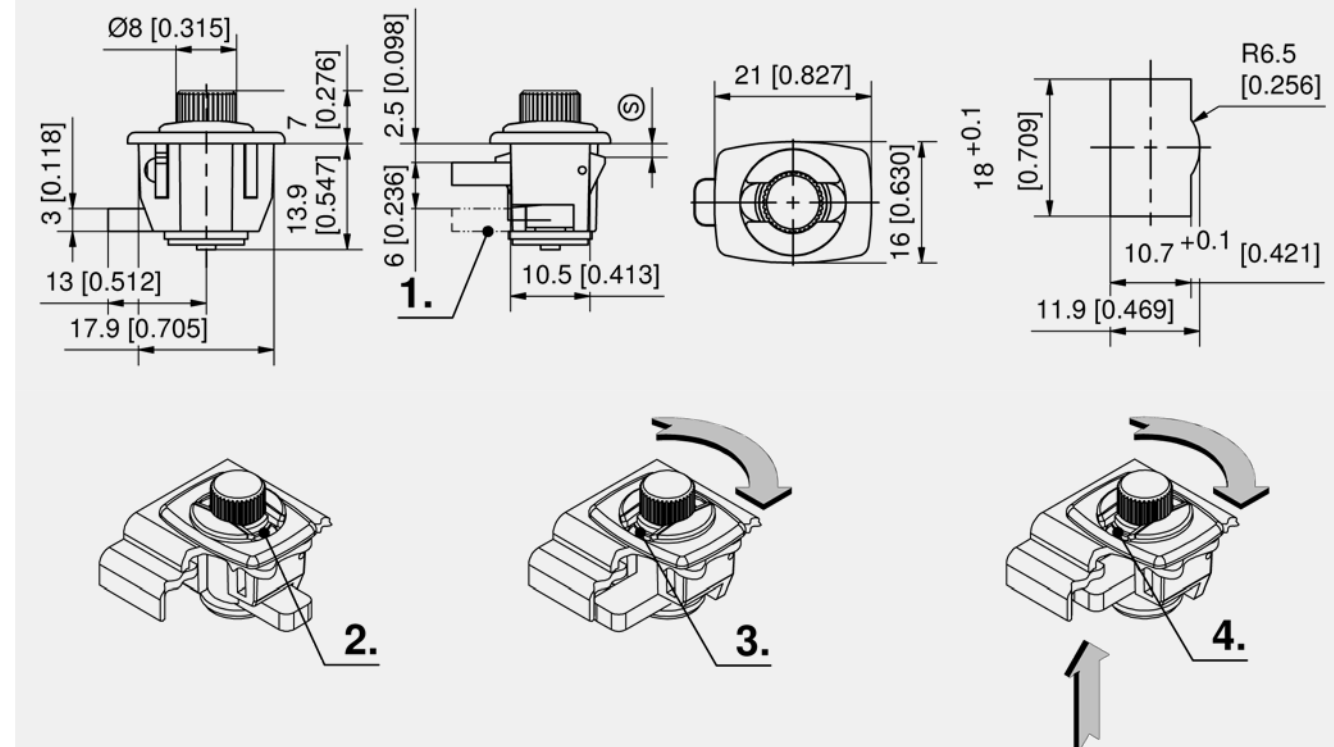
Remarks

- 2. open, indicator red
- 3. cam latched, not pulled-down, indicator green
- 4. cam pulled-down, closed, indicator green



Mini compression latch

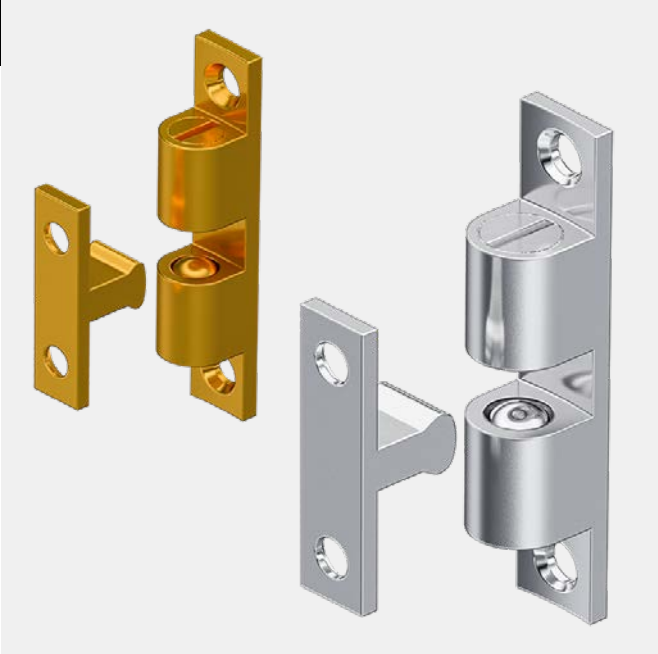
Part Number	Version	Clamping range (S)	Closing stroke	Installation type	Delivery Unit
448-9001.00-00810	RH version	0.8 - 1.0 mm	clockwise	tool-less	1 pc.
448-9001.00-01113	RH version	1.1 - 1.3 mm	clockwise	tool-less	1 pc.
448-9001.00-01416	RH version	1.4 - 1.6 mm	clockwise	tool-less	1 pc.
448-9002.00-00810	LH version	0.8 - 1.0 mm	counter clockwise	tool-less	1 pc.
448-9002.00-01113	LH version	1.1 - 1.3 mm	counter clockwise	tool-less	1 pc.
448-9002.00-01416	LH version	1.4 - 1.6 mm	counter clockwise	tool-less	1 pc.



Clamping latch with hand turning knob

Part Number	Clamping range (S)	Surface	Installation type	Delivery Unit
448-9007.00-00810	0.8 - 1.0 mm	matte chrome plated	tool-less	1 pc.
448-9007.00-01113	1.1 - 1.3 mm	matte chrome plated	tool-less	1 pc.
448-9007.00-01416	1.4 - 1.6 mm	matte chrome plated	tool-less	1 pc.
448-9014.00-00810	0.8 - 1.0 mm	black	tool-less	1 pc.
448-9014.00-01113	1.1 - 1.3 mm	black	tool-less	1 pc.
448-9014.00-01416	1.4 - 1.6 mm	black	tool-less	1 pc.





Advantages

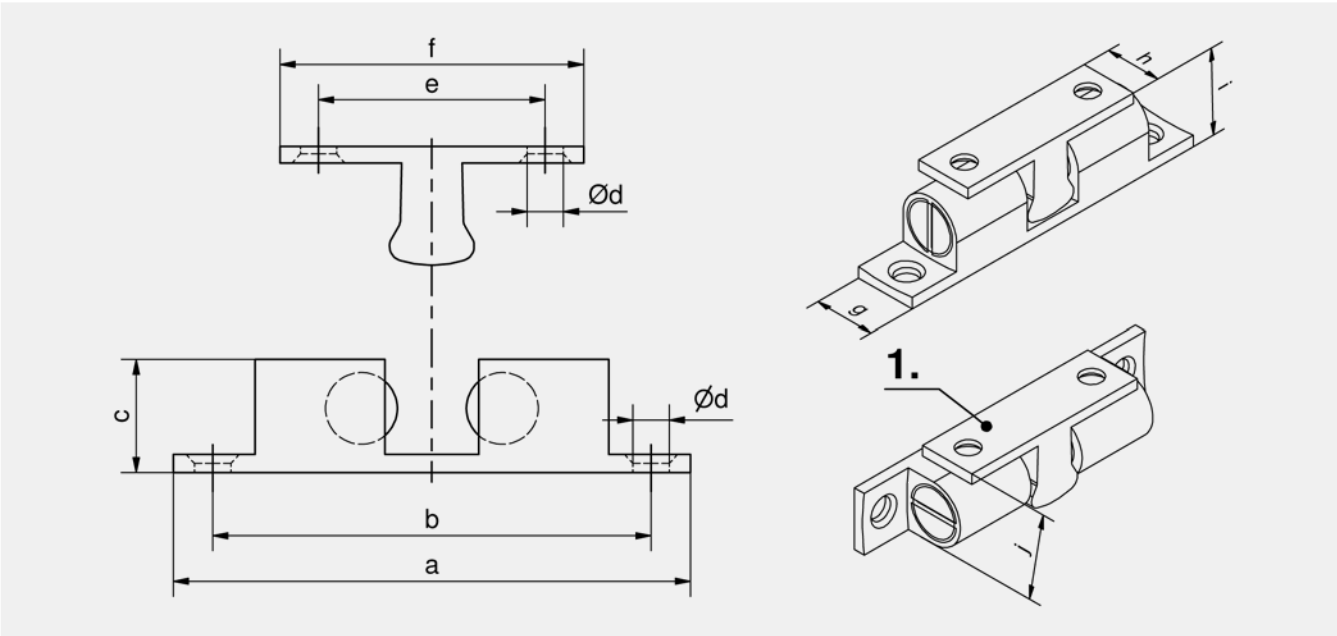
- Dual ball catch, screw-on.

Materials

- **Ball catch and counterpart:** brass or brass, chrome plated
- **Springs and balls:** stainless steel

Remarks

1. alternative turned 90°



Ball catch + counter part, brass

Part Number	a	b	c	d	e	f	g	h	i	j	Delivery Unit
263-9001.00-00000	44 mm	35 mm	9.4 mm	3.5 mm	15.2 mm	24.7 mm	8 mm	6.6 mm	11.8 mm	10.4 mm	10 pcs.
263-9002.00-00000	49 mm	39.8 mm	10.6 mm	3.8 mm	19.8 mm	28.8 mm	8.8 mm	7.6 mm	13.2 mm	11.4 mm	10 pcs.
263-9003.00-00000	59.8 mm	49.8 mm	13.2 mm	4.8 mm	24 mm	34.8 mm	11.2 mm	9.2 mm	15.9 mm	13.9 mm	10 pcs.
263-9004.00-00000	68.4 mm	58 mm	15 mm	4.8 mm	30 mm	40.2 mm	13 mm	12 mm	18.1 mm	16.1 mm	10 pcs.

Ball catch + counterpart, brass, chrome plated

Part Number	a	b	c	d	e	f	g	h	i	j	Delivery Unit
263-9007.00-00000	44 mm	35 mm	9.4 mm	3.5 mm	15.2 mm	24.7 mm	8 mm	6.6 mm	11.8 mm	10.4 mm	10 pcs.
263-9008.00-00000	49 mm	39.8 mm	10.6 mm	3.8 mm	19.8 mm	28.8 mm	8.8 mm	7.6 mm	13.2 mm	11.4 mm	10 pcs.
263-9009.00-00000	59.8 mm	49.8 mm	13.2 mm	4.8 mm	24 mm	34.8 mm	11.2 mm	9.2 mm	15.9 mm	13.9 mm	10 pcs.
263-9010.00-00000	68.4 mm	58 mm	15 mm	4.8 mm	30 mm	40.2 mm	13 mm	12 mm	18.1 mm	16.1 mm	10 pcs.

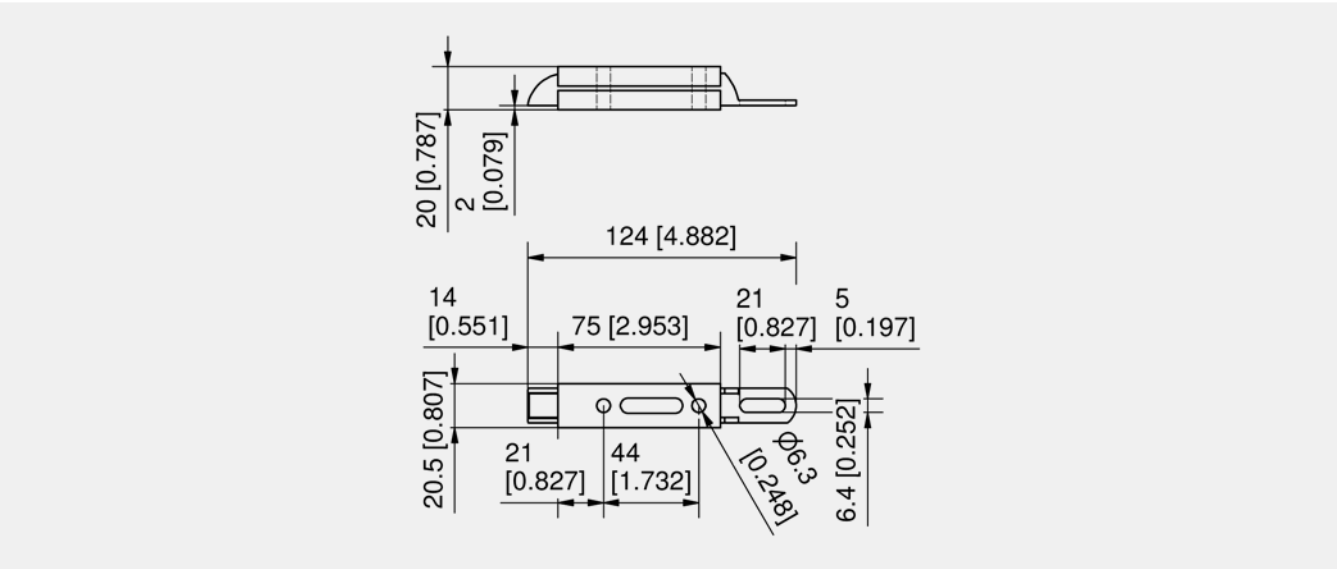


Advantages

- Robust, screw-on slam lock.

Materials

- **Slam lock:** steel, zinc plated



Slam lock

Part Number	Installation type	Delivery Unit
229-9001.00-00000	screw-on	10 pcs.





Advantages

- Flush mounted trap-door latch with integrated T-handle and safety insert.
- Vibration-proof design.
- T-handle with 95° opening angle.
- Width of T-handle 25mm.
- T-handle with rubber stop to prevent rattling.
- Encasement surface perfectly smooth to prevent dirt deposits.
- Mounted with fastening bracket with two M6 allen screws DIN EN ISO 4762.
- Cutout with anti-twist safe-guard.
- Also available without locking device (only flush-mounted T-handle).

Materials

- **Housing and T-handle:** zinc die, chrome plated
- b)
- **Insert:** AISI 303
- c)
- **Insert:** zinc die, chrome plated

Remarks

The door-thickness (S) amounts to max. 6mm with the screw provided M6x16.

1. fastening bracket
2. spring-loaded link
3. locking device for T-handle

Attention:

H-dimension L=35 cam ≥14mm
H-dimension L=45 cam ≥14mm
Only for use with cams part-no. 200-06XX and 200-04XX!



Advantages

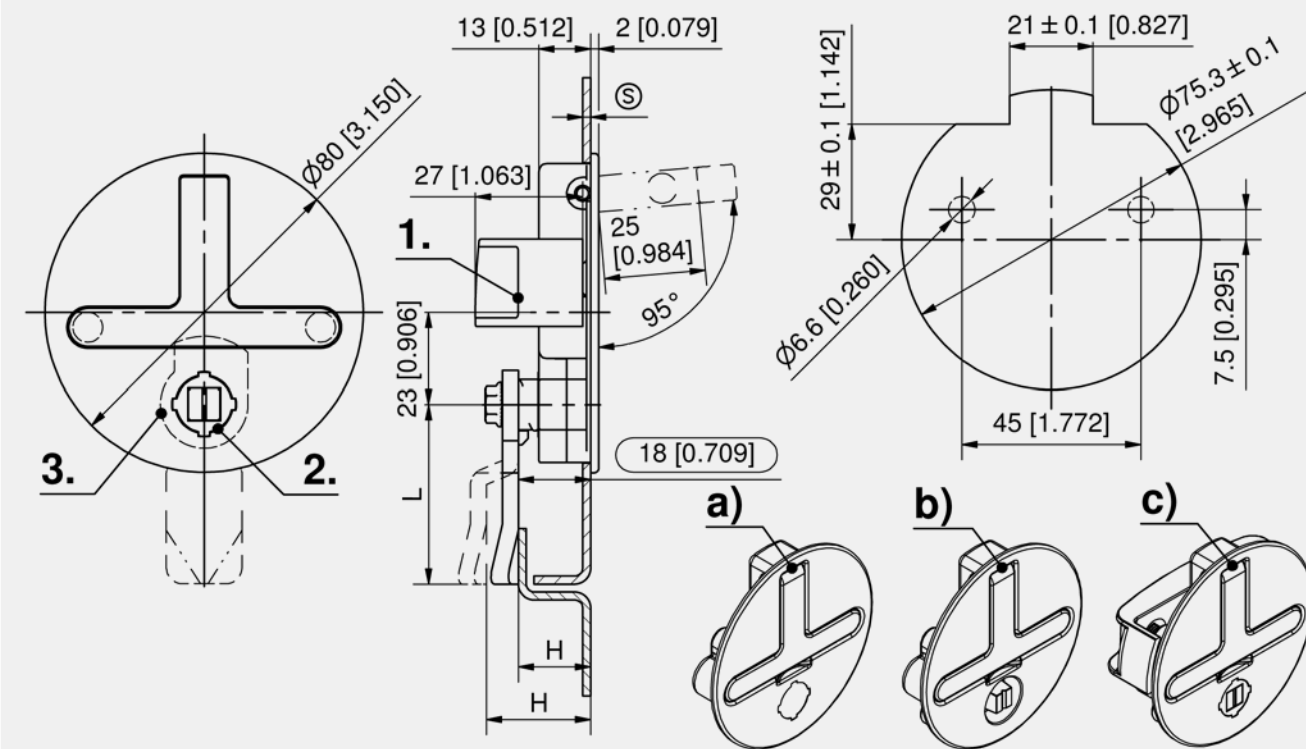
- Flush slam latch with free stroke.
- The recessed grip below the lever allows an easy access for operating the lever.
- For unlocking (5.) the lever has to be opened about 45°, the spring loaded lever automatically returns to the flush position.
- By the finger-pull on the latch, unlocking from inside is possible.

Materials

- **Housing, handle and latch:** AISI 316, surface polished
- **Screw, cam angle, pin and spring:** stainless steel
- **Spacer:** nylon, black

Remarks

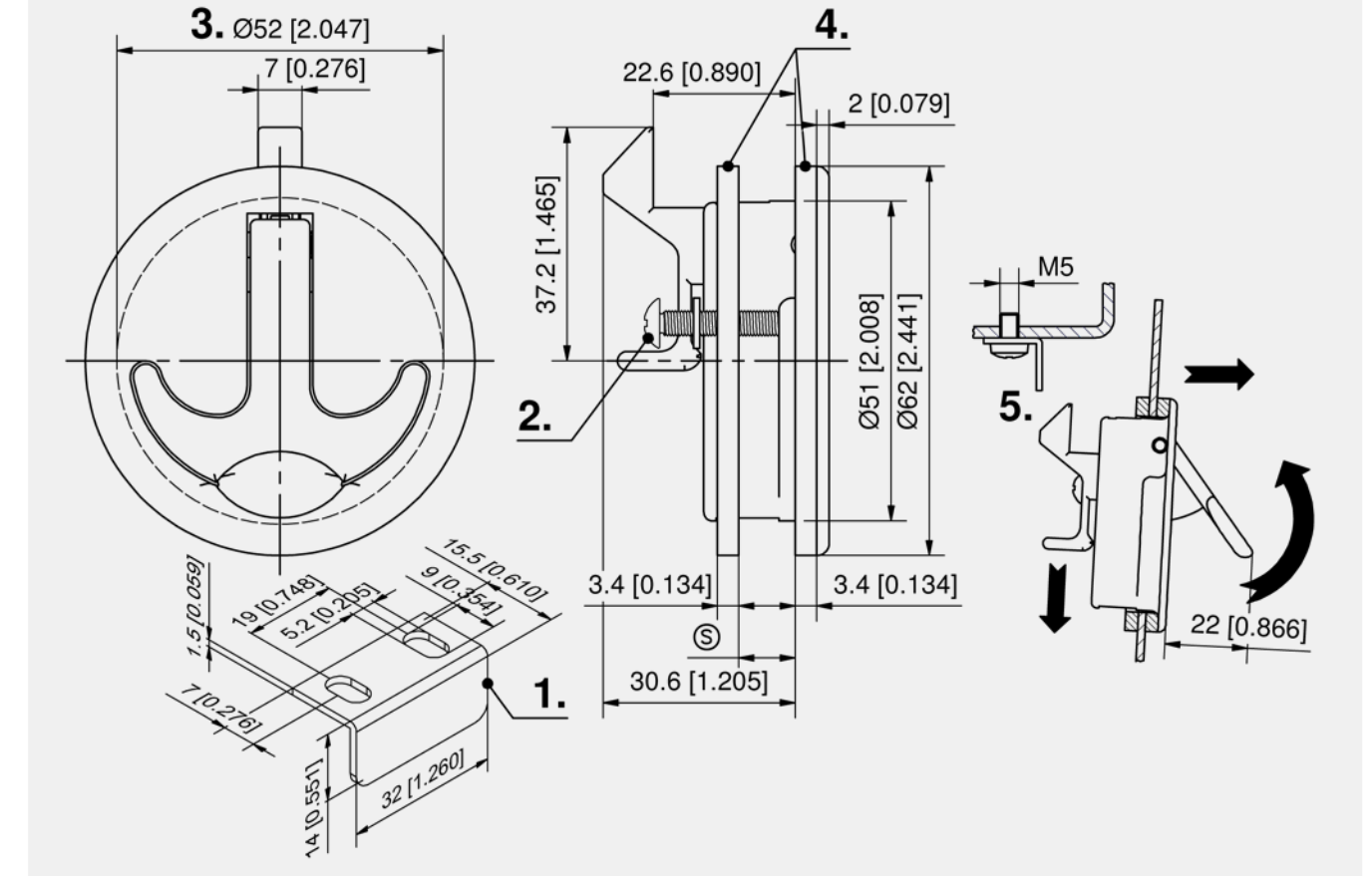
- (S) Door-thickness max. 15mm.
By omitting the front packing plate the height dimension (S) can be increased by 3.4mm.
1. cam angle, included
 2. fastening screws 8-32 UNC x 22, for thinner door-thicknesses (S) please cut the screw accordingly.
 3. cutout Ø52mm
 4. base plates



Trap-door latch

	Part Number	Insert	Version	Installation type	Delivery Unit
a)	213-9401.00-00000	without	without Fixing bracket	screw-on	1 pc.
b)	213-9403.00-00000	Conical square 9mm	without Fixing bracket and without spring-loaded link	screw-on	1 pc.
c)	213-9402.00-00000	Square 8mm	with fixing bracket and cylinder head screws M6x16	screw-on	1 pc.

Accessories	
154, 292	1-102 Cams L35/45 Steel
769	204-0103.00-00000 Wrenches
766	204-0701.07-07500 Universal key for Inserts
770	204-0702.80-00000 Rail Keys



Slam latch

Part Number	Cutout	Installation type	Delivery Unit
282-9601.00-00000	Ø52	screw-on	1 pc.





Advantages

- Pullhandle with slam-hook with DIRAK-SNAP-Technology.
- RH / LH application.
- A non-locked handle has a detent in the door-dish.

Materials

- **Dish:** PA, black
- **Handle:** zinc die, black
- **Bolt/hook:** zinc die, untreated
- **Pin:** steel, zinc plated
- **Snap wedges and locking cylinder:** PA

Remarks

Installation: hook lower part into the lower cutout. Snap top part into the upper cutout with a simple push.

Opening operation: unlock handle and pull handle by 35°.

Closing operation: push handle into the dish, lock the barrel and slam the door closed. (the spring-loaded hook is free-running)



Advantages

- Clip-in slam latch for doors and panels.
- Low profile.
- Tool-less installation.
- Weight: without cylinder: 33g with cylinder: 46g.

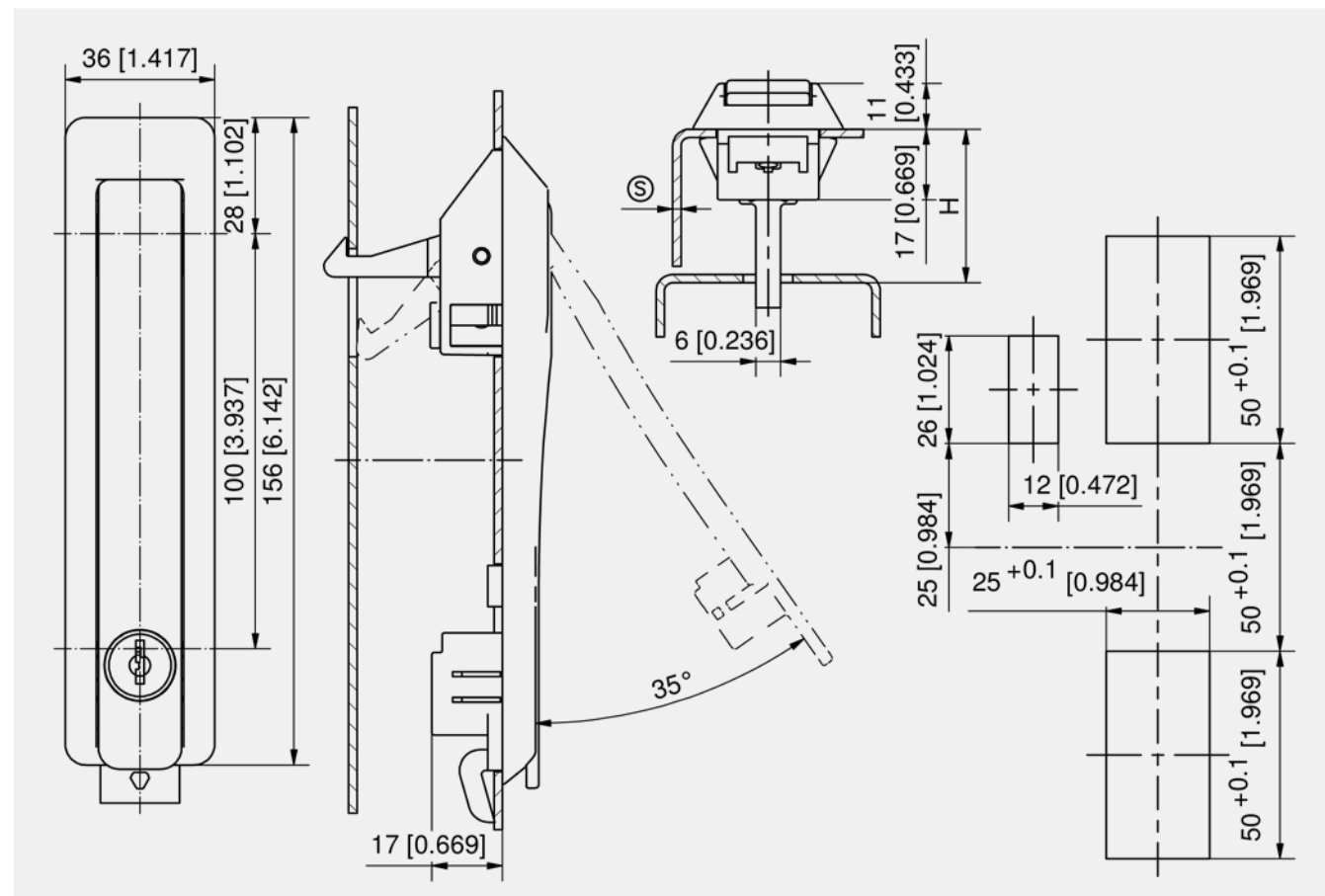
Materials

- **Slam latch:** PA
- **Springs:** spring steel
- **Cylinder:** zinc die
- **Dustcap:** stainless steel, black coated

Remarks

Clamping range (S) 1.5 - 2mm

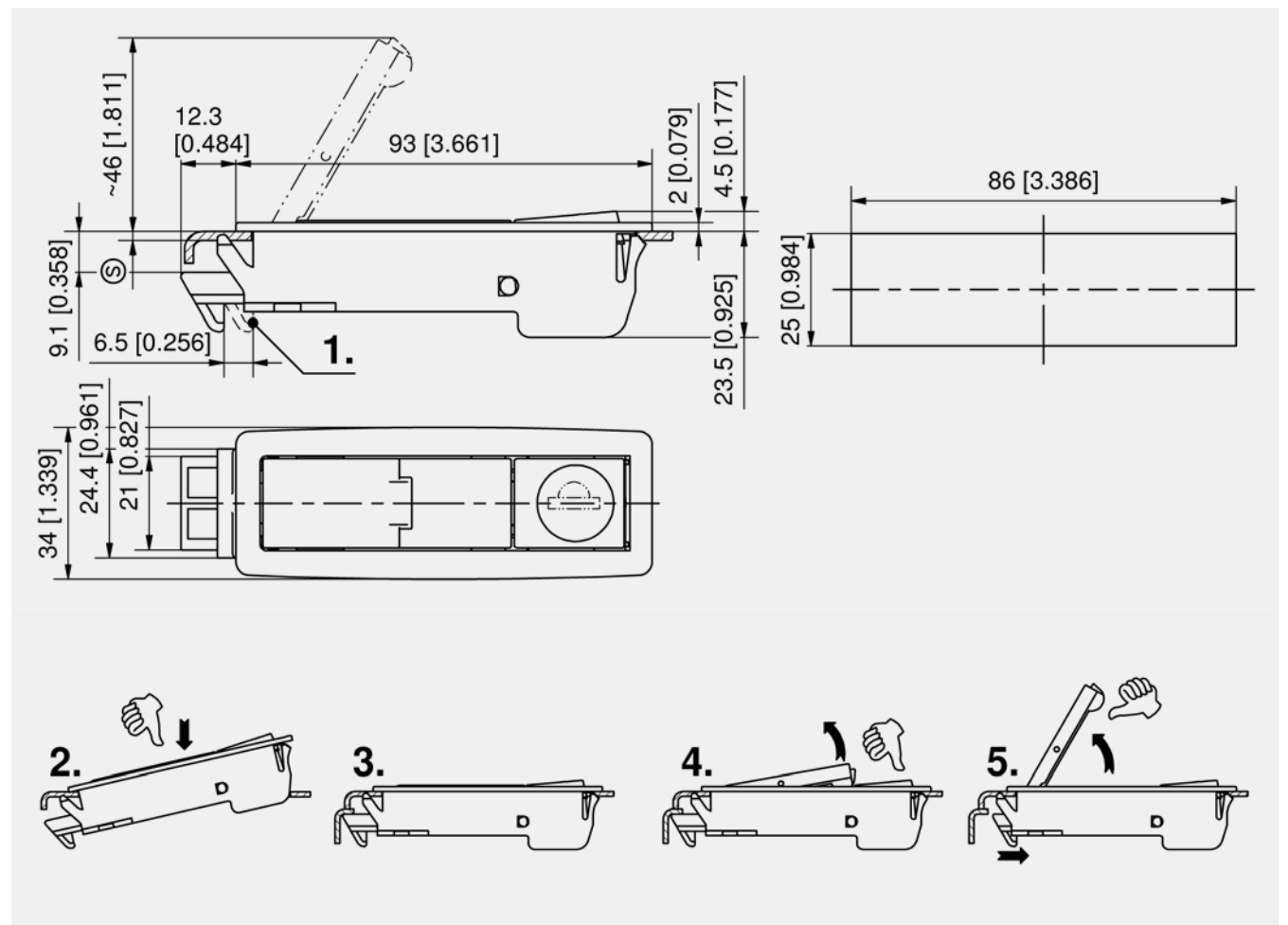
1. stroke of the latch 6.5mm.
2. slide the latch end into the sheet metal.
3. push the housing into its final position.
- Two-step opening process:
4. pressing the trigger button releases the lever and it jumps up. The slam latch stays closed.
5. lifting the lever opens the latch.



Pullhandle with slam-hook

Part Number	Clamping range (S)	Latching type	H	Installation type	Delivery Unit
407-9402.00-37015	1.2 - 1.7 mm	keyed alike DIRAK 1333	37 mm	tool-less	1 pc.
407-9401.00-37015	1.2 - 1.7 mm	keyed different	37 mm	tool-less	1 pc.
407-9402.00-37020	1.7 - 2.2 mm	keyed alike DIRAK 1333	37 mm	tool-less	1 pc.
407-9401.00-37020	1.7 - 2.2 mm	keyed different	37 mm	tool-less	1 pc.

Accessories	
764	292-0301.15-00000 Tool for uninstallation
764	292-0306.80-02530 Tool for uninstallation



Slam latch

Part Number	Latching type	Installation type	Delivery Unit
282-9501.00-00000		tool-less	1 pc.
282-9502.00-00000	keyed alike DIRAK 1333	tool-less	1 pc.
282-9503.00-00000	keyed different	tool-less	1 pc.





Advantages

- Slam latch consists of two parts (door- and frame-part) for aluminium profiles.
- Due to oblong holes, different profile widths can also be used.
- Gently pulling the handle will disengage the slam-bolt from the frame-part.
- A gentle push will latch the door.
- Version with cylinder is supplied with 2 keys.

Materials

- Handle, door- and frame-part:** zinc die, chrome plated or black
- Bolt:** zinc die, untreated
- Slot nut:** steel, zinc plated

Remarks

- 4 slot nuts M6 are included in scope of delivery
- open
- opened
- close



Advantages

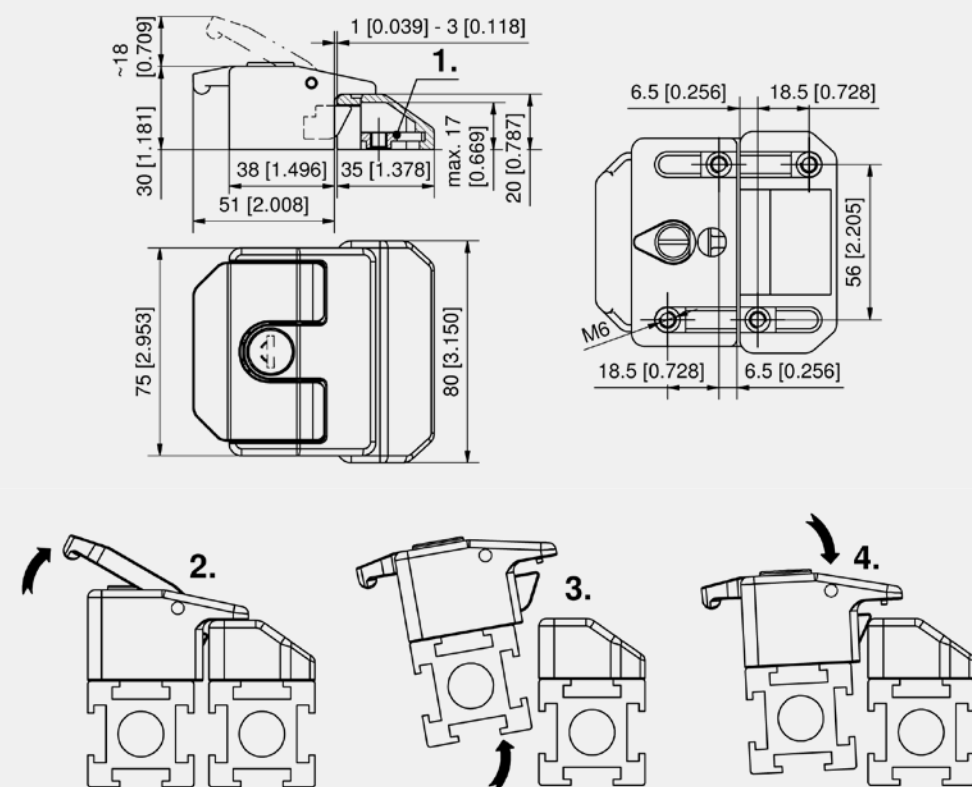
- Slam latch consists of two parts (bolt and locking element) for aluminium profiles.
- Bolt housing with integrated stop.
- Opening by pushing the grip element.
- Finger-tip grip allows easy opening.
- Self-closing of the door.
- Cannot be opened from the inside.
- Noise reduced.
- Version with cylinder is supplied with 2 keys.

Materials

- Bolt and locking element:** zinc die, black
- Slot nuts:** steel, zinc plated
- Cylinder barrel:** PA, black

Remarks

- 4 slot nuts are included in scope of delivery.



Slam latch, zinc die, chrome plated

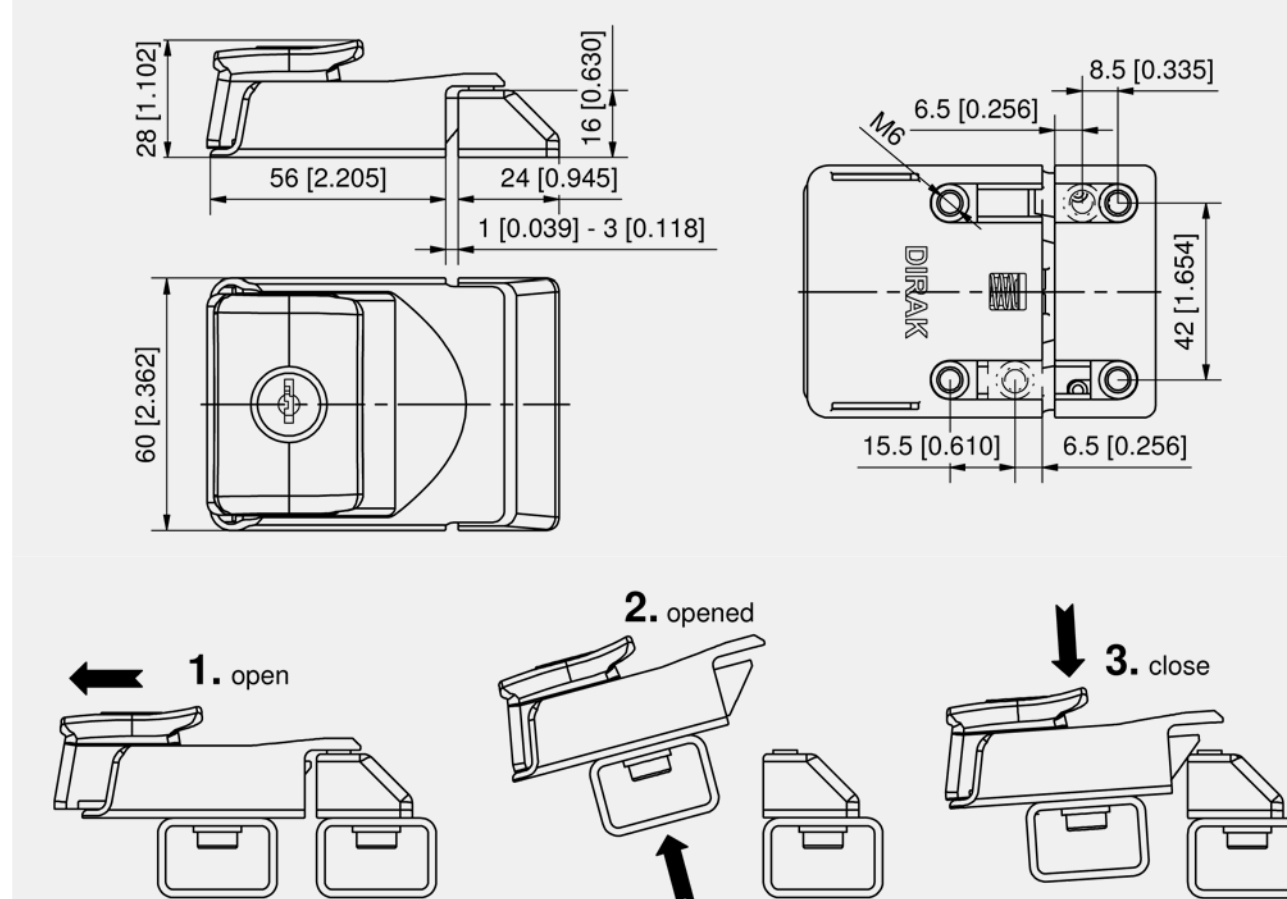
Part Number	Latching type	Installation type	Delivery Unit
265-9606.00-00000		screw-on	1 pc.
265-9601.00-00000	keyed alike DIRAK 1333	screw-on	1 pc.
565-9601.00-00000	keyed alike DS200	screw-on	1 pc.
265-9603.00-00000	keyed different	screw-on	1 pc.

Slam latch, zinc die, black

Part Number	Latching type	Installation type	Delivery Unit
265-9605.00-00000		screw-on	1 pc.
265-9602.00-00000	keyed alike DIRAK 1333	screw-on	1 pc.
565-9602.00-00000	keyed alike DS200	screw-on	1 pc.
265-9604.00-00000	keyed different	screw-on	1 pc.



all product details
on DIRAK.com



Slam latch, zinc die, black

Part Number	Latching type	Installation type	Delivery Unit
265-9607.00-00001	without lock, with plug	screw-on	1 pc.
265-9607.00-01333	keyed alike DIRAK 1333	screw-on	1 pc.
265-9607.00-99999	keyed different	screw-on	1 pc.



all product details
on DIRAK.com



Advantages

- Low profile slam latch PICCOLO with DIRAK-SNAP-Technology.
- For flush doors, suitable for lighter applications.
- This slam latch is particularly suitable for closing doors and flaps.
- To release after unlocking, just push the upper, clearly marked part of the handle. The lower part then can be pulled-out and this disengages the spring loaded slam-bolt.
- The spring-loaded slam bolt has a free-stroke, allowing slamming of closed and locked handles.

Materials

- **Housing, handle and slam-bolt:** PA, black
- **Cam and pin:** steel, zinc plated
- **Snap wedges:** sintered steel
- **Cylinder:** zinc die, black

Remarks

Installation:
enter slam-side into the cutout first and then snap-in the unit.

Only available with key number 23211.

1. stroke



Advantages

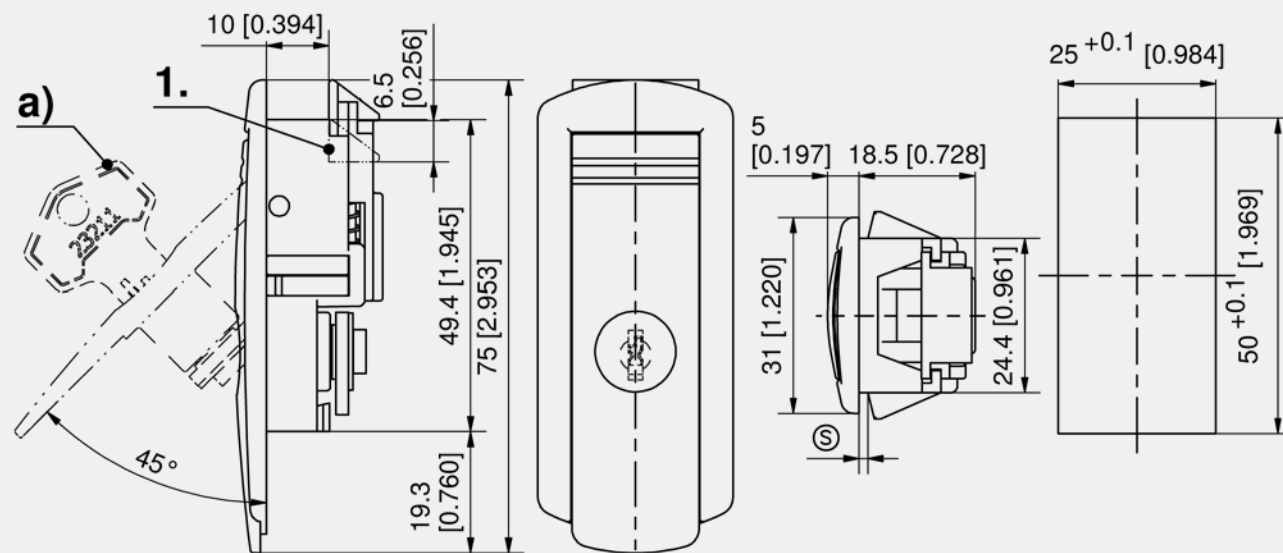
- This low Snap-lock device is especially suitable for latching of doors and lids.
- Tool-less installation.
- Clip-in for door-thickness 0.8mm to 2.0mm.
- The Snap-lock consists of two parts, housing and latch.
- The latch moves within the housing, keeping the panel free of scratches.
- Recessed finger-pull for opening.
- Vibration-proof according to DIN EN 61373.

Materials

- **Slam bolt and housing:** PA, black
- **Spring:** stainless steel

Remarks

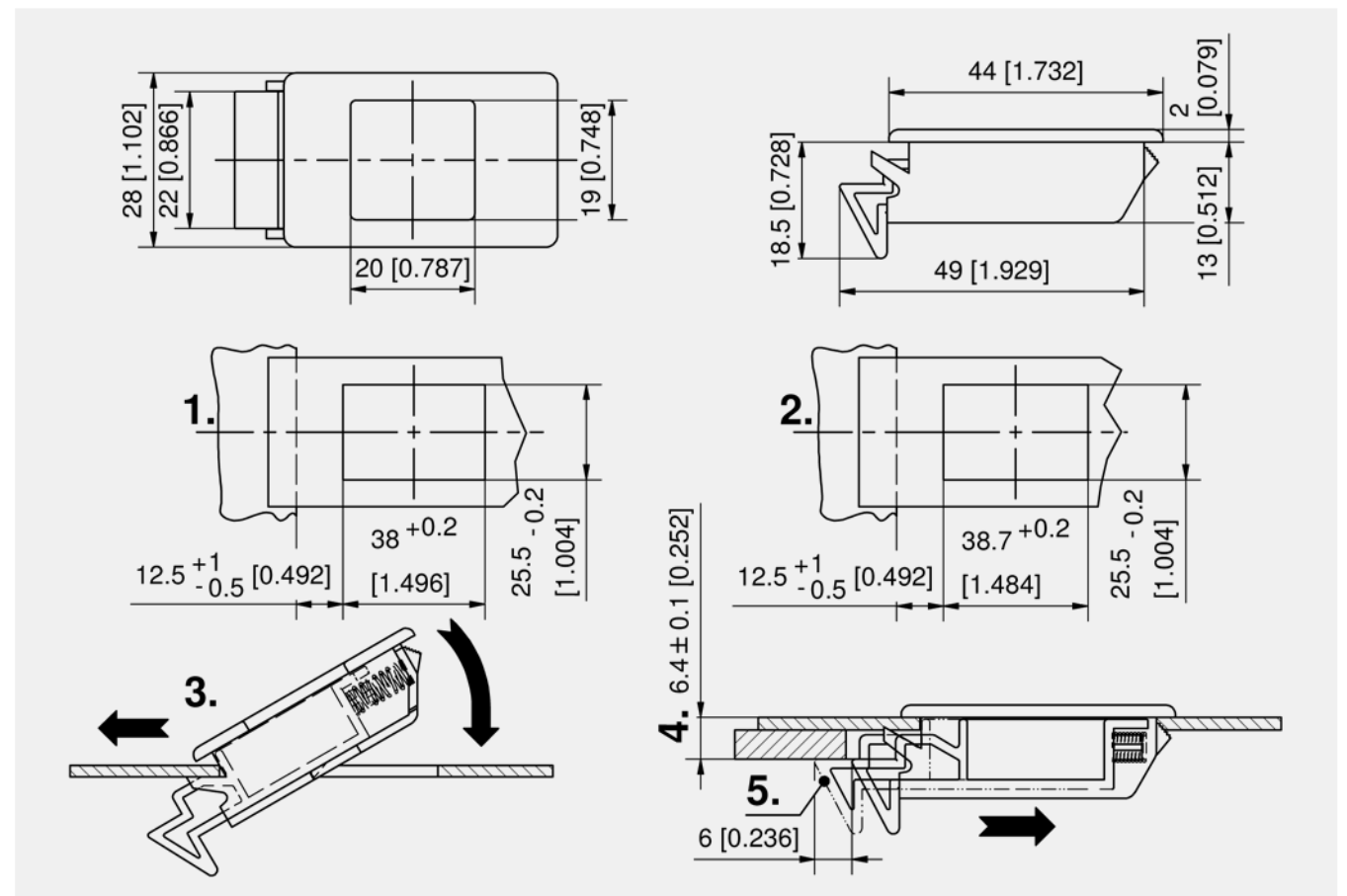
1. cutout for door-thickness 0.8 - 1.6mm
2. cutout for door-thickness 1.7 - 2.0mm
3. installation
- 4 grip
5. stroke



Slam latch

Part Number	Clamping range (S)	Latching type	Version	Installation type	Delivery Unit
482-9001.00-00015	1.2 - 1.7 mm	keyed alike No. 23211	without key	tool-less	10 pcs.
482-9001.00-00020	1.7 - 2.2 mm	keyed alike No. 23211	without key	tool-less	10 pcs.
482-9001.00-00025	2.2 - 2.7 mm	keyed alike No. 23211	without key	tool-less	10 pcs.
482-9002.00-00015	1.2 - 1.7 mm	keyed alike No. 23211	with 2 keys	tool-less	10 pcs.
482-9002.00-00020	1.7 - 2.2 mm	keyed alike No. 23211	with 2 keys	tool-less	10 pcs.
482-9002.00-00025	2.2 - 2.7 mm	keyed alike No. 23211	with 2 keys	tool-less	10 pcs.
482-9003.00-00015	1.2 - 1.7 mm		with blind plug	tool-less	10 pcs.
482-9003.00-00020	1.7 - 2.2 mm		with blind plug	tool-less	10 pcs.
482-9003.00-00025	2.2 - 2.7 mm		with blind plug	tool-less	10 pcs.

Specific accessories
a) 205-9530.00-23211 2 Keys on ring



Snap-lock

Part Number	Installation type	Delivery Unit
282-9001.00-00000	tool-less	10 pcs.





Advantages

- Plastic bolt lock.

Materials

- **Bolt lock, complete.:** POM, natural

Remarks

Profile-cylinder see product system 2-140 **a)** and **f)**

Install with polyamide lock covers see product system 6-115.

1. stroke
2. mounting hole for M5 screw of profile-cylinder

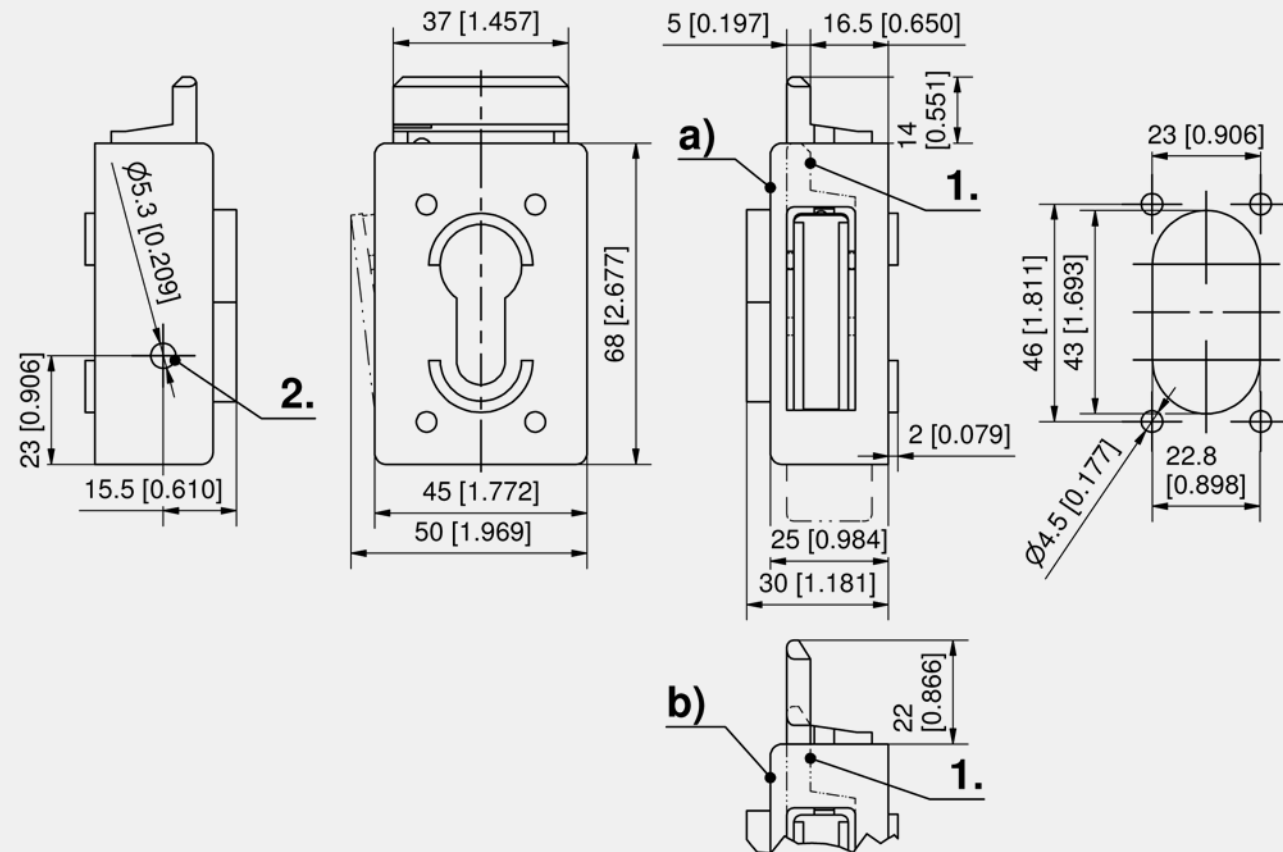


Advantages

- For PHZ or KABA-cylinders and quarter-turns.
- 180° Opening angle.
- Polyamide lock covers c) and d): **170° Opening angle, spring-loaded cover.**
- Cover is locked by quarter-turn with bolt.

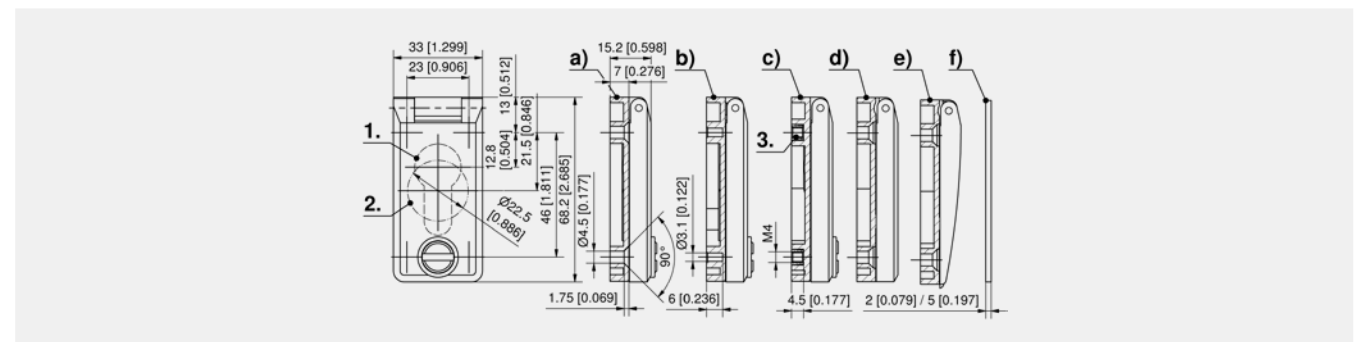
Materials

- **Lower part, cover and base plate:** PA, RAL 7032 and RAL 7035.
- Wing knob: PA or brass, nickel plated
- **Shaft:** stainless steel or steel, zinc plated
- **Spring:** stainless steel



Bolt lock

	Part Number	Version	Delivery Unit
a)	228-9202.00-00000	Bolt 14mm	1 pc.
b)	228-9201.00-00000	Bolt 22mm	1 pc.



Polyamide lock cover

	Part Number	Application	Surface	Securable	Wing knob	Version	Screwing type	Delivery Unit
a)	237-9001.00-00000	for PHZ	pebbel grey RAL 7032		PA	shaft: stainless steel	with countersunk holes	10 pcs.
a)	237-9031.00-00000	for PHZ	signal white RAL 9003		PA	shaft: stainless steel	with countersunk holes	10 pcs.
a)	237-9051.00-00000	for PHZ	light grey RAL 7035		PA	shaft: stainless steel	with countersunk holes	10 pcs.
a)	237-9101.00-00000	for PHZ	pebbel grey RAL 7032	Yes	brass, nickel plated	shaft: stainless steel	with countersunk holes	10 pcs.
a)	237-9002.00-00000	for round cylinder Ø22 or quarter-turn housing Ø28	pebbel grey RAL 7032		PA	shaft: stainless steel	with countersunk holes	10 pcs.
a)	237-9102.00-00000	for round cylinder Ø22 or quarter-turn housing Ø28	pebbel grey RAL 7032	Yes	brass, nickel plated	shaft: stainless steel	with countersunk holes	10 pcs.
b)	237-8031.00-00000	for PHZ	signal white RAL 9003		PA	shaft: stainless steel	with blind holes Ø3.1	10 pcs.
c)	237-9103.00-00000	for PHZ	pebbel grey RAL 7032	Yes	brass, nickel plated	shaft: stainless steel	with bushings M4	10 pcs.
c)	237-8004.00-00000	for round cylinder Ø22 or quarter-turn housing Ø28	light grey RAL 7035		brass, nickel plated	shaft: steel, zinc plated	with bushings M4	10 pcs.
c)	237-9154.00-00000	for round cylinder Ø22 or quarter-turn housing Ø28	light grey RAL 7035	Yes	brass, nickel plated	shaft: stainless steel	with bushings M4	10 pcs.
d)	237-8002.00-00000	for PHZ	pebbel grey RAL 7032		without, spring loaded	shaft: stainless steel	with countersunk holes	10 pcs.
d)	237-9303.00-00000	for round cylinder Ø22 or quarter-turn housing Ø28	pebbel grey RAL 7032		without, spring loaded	shaft: stainless steel	with countersunk holes	10 pcs.
e)	237-9304.00-00000	for PHZ	pebbel grey RAL 7032		without, spring loaded	shaft: stainless steel	with countersunk holes	10 pcs.

Spacer

	Part Number	Application	Version	Surface	Delivery Unit
f)	237-0401.06-07032	for Ø22, PHZ	5mm thick	pebbel grey RAL 7032	10 pcs.
f)	237-0401.06-07035	for Ø22, PHZ	5mm thick	light grey RAL 7035	10 pcs.
f)	237-0401.06-09003	for Ø22, PHZ	5mm thick	signal white RAL 9003	10 pcs.
f)	237-0402.06-07032	for PHZ	2mm thick	pebbel grey RAL 7032	10 pcs.





Advantages

- RH / LH or vertical / horizontal application.
- Lock cylinder can be adjusted to accommodate different latch mounting positions.
- Profile-cylinder with lengths of 40 and 45mm and cam acc. to DIN 18252 can be used.
- Pull back of the latch bolt by rotation of the key.
- Closing is possible by self-locking of the latch bolt with free stroke.

Materials

- **Slam latch:** zinc die, zinc plated
- **Latch bolt:** spheroidal graphite, cast iron

Remarks

- Please order separately:**
- profile-cylinder, lock support and lock cover
 - Installation with 4 carriage bolts or weld-studs M5.
 - 1. stroke
 - 2. latch bolt
 - 3. plug



Advantages

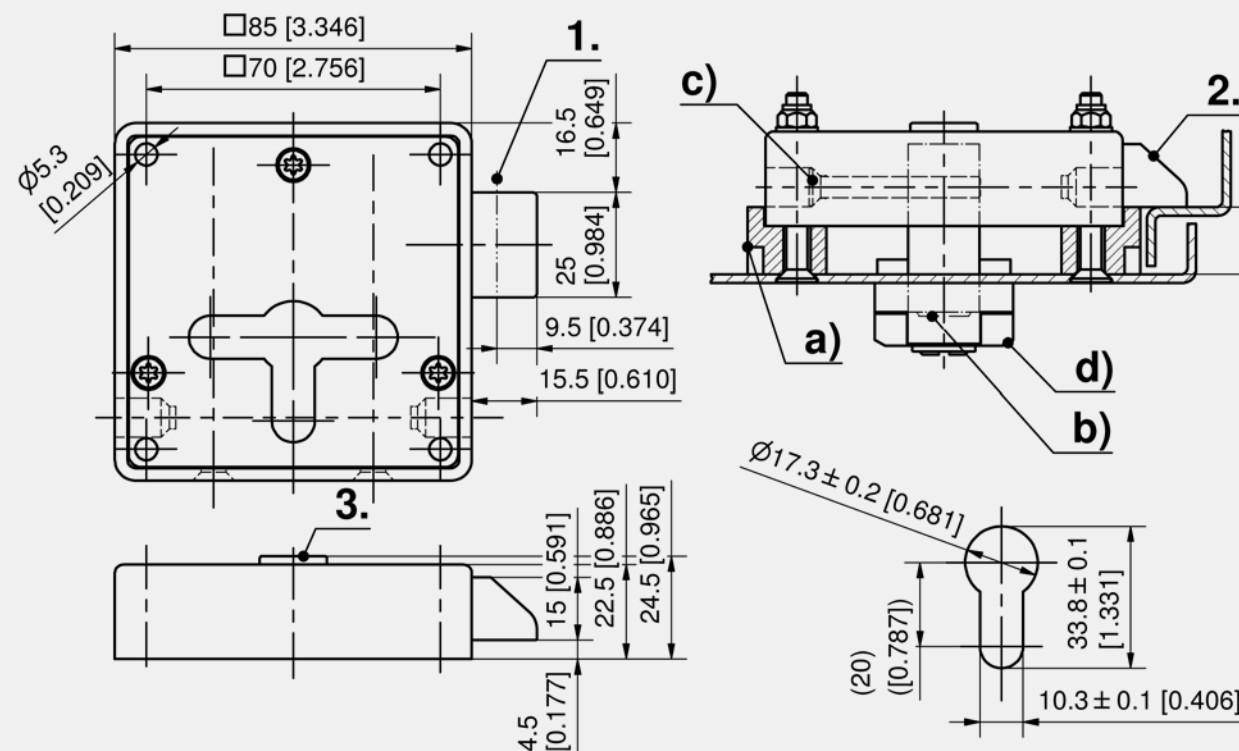
- Profile-cylinder with lengths of 40/45mm and cam acc. to DIN 18252 can be used.
- Two profile-cylinder allow opening by each cylinder without unlocking the other one.
- Made of spheroidal graphite cast iron to ensure high wear resistance.
- Use of different keys and profile-cylinders possible.
- Closing is possible by self-locking of the latch bolt with free stroke.

Materials

- **Slam latch:** zinc die, zinc plated
- **Latch bolt:** spheroidal graphite, cast iron

Remarks

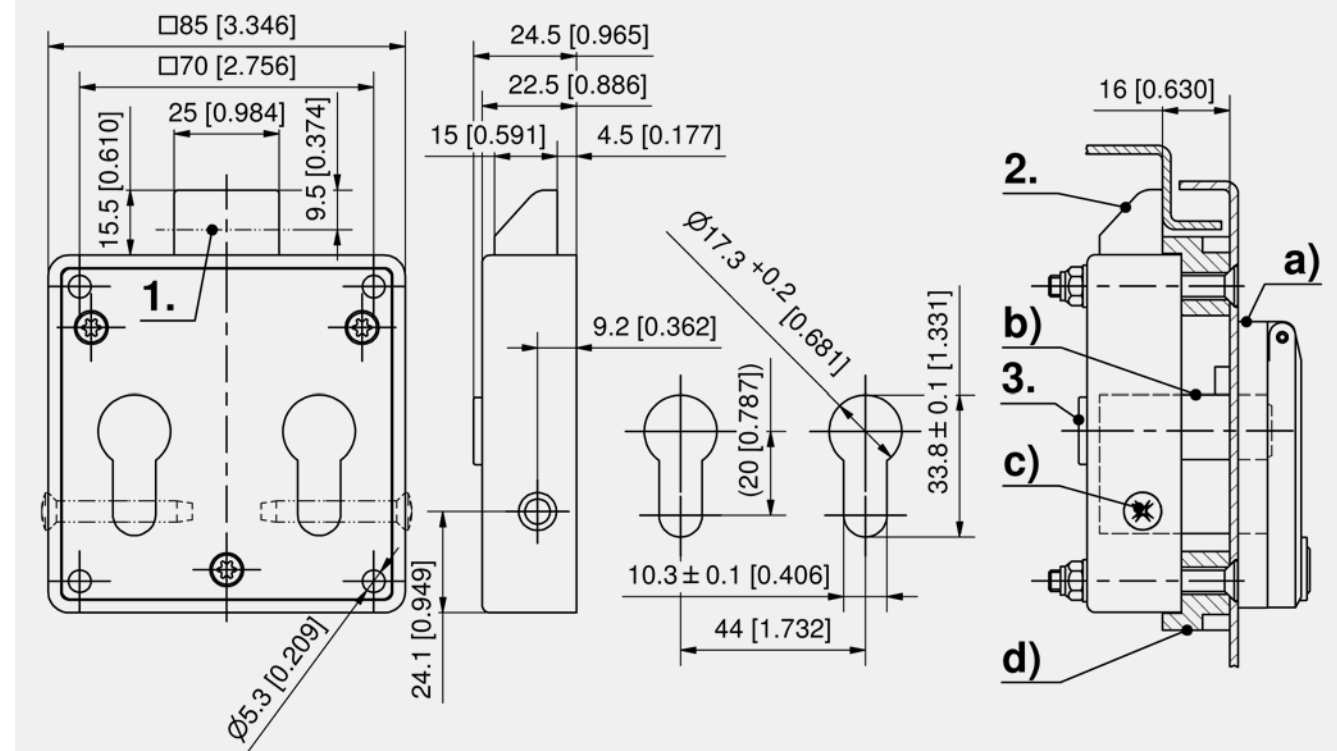
- Please order separately:**
- profile-cylinder, lock support and lock cover
 - Installation with 4 carriage bolts or weld-studs M5.
 - 1. stroke
 - 2. latch bolt
 - 3. plug



Slam latch for profile-cylinder

Part Number	Version	Installation type	Delivery Unit
229-9111.00-00000	LH door	screw-on	1 pc.
229-9112.00-00000	RH door	screw-on	1 pc.

+	Accessories
a)	429 6-111.03 Lock Support for Slam Latch
b)	304, 388 211-9003.00-00000 DIRAK Profile-cylinder
c)	304, 388 211-9004.00-00000 DIRAK Profile-cylinder
d)	755 860-0965.00-00540 Countersunk screw
e)	425 6-115 Polyamide Lock Cover



Slam latch for profile-cylinder

Part Number	Installation type	Delivery Unit
229-9113.00-00000	screw-on	1 pc.

+	Accessories
a)	425 6-115 Polyamide Lock Cover
b)	304, 388 211-9003.00-00000 DIRAK Profile-cylinder
c)	304, 388 211-9004.00-00000 DIRAK Profile-cylinder
d)	755 860-0965.00-00540 Countersunk screw
e)	429 6-111.03 Lock Support for Slam Latch





RoHS
WEEE



Advantages

- RH / LH or vertical / horizontal application.
- Pull back of the bolt by rotation of the insert.
- Closing is possible by self-locking of the latch bolt with free stroke.

Materials

- **Slam latch:** zinc die, zinc plated
- **Latch bolt:** spheroidal graphite, cast iron

Remarks

Please order separately:
insert, lock support, lock cover and serrated screw.
Use of inserts according to product system 2-141.
Installation with 4 carriage bolts or weld-studs M5.

1. stroke
2. latch bolt
3. plug



Advantages

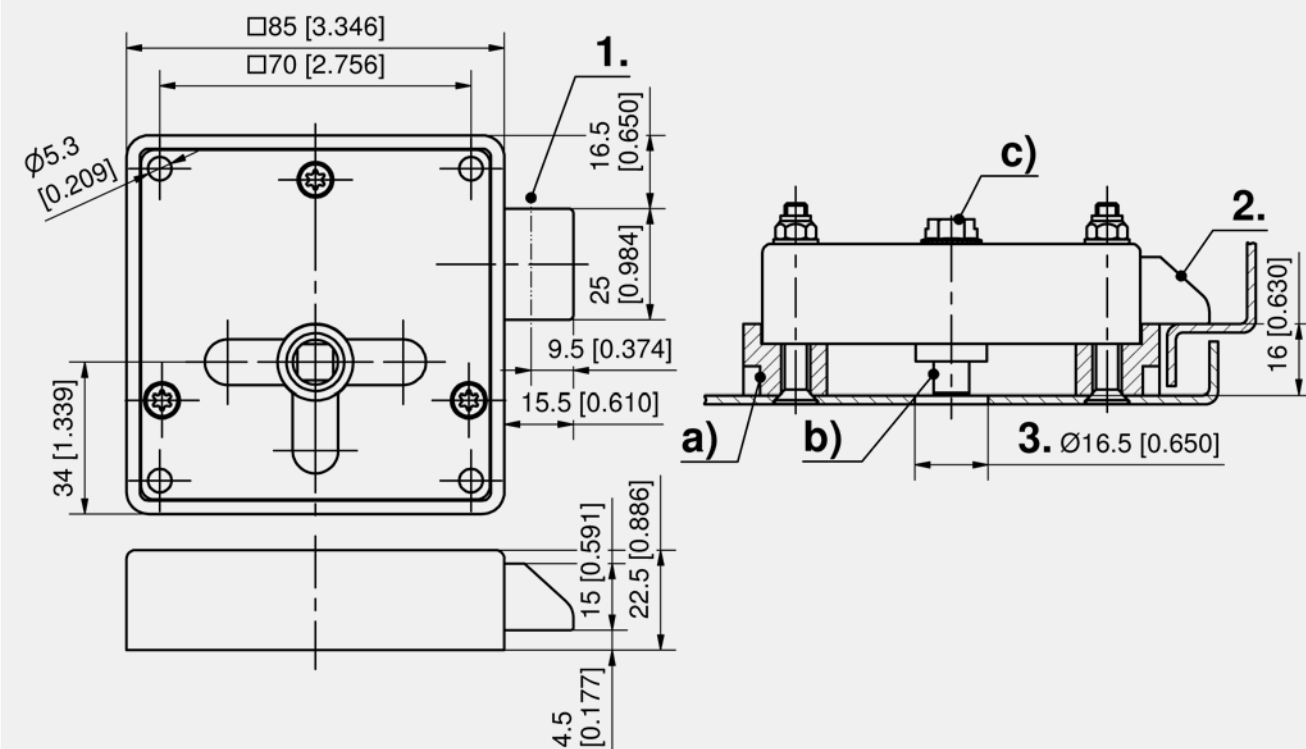
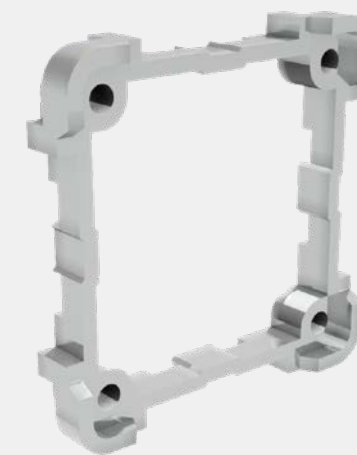
- Lock support 229-0504.35-04045 for bending of 11.5 or 16mm.
- Lock support 229-0504.35-04050 for bending of 11.5 or 21mm.

Materials

- **Lock support:** zinc die, untreated

Remarks

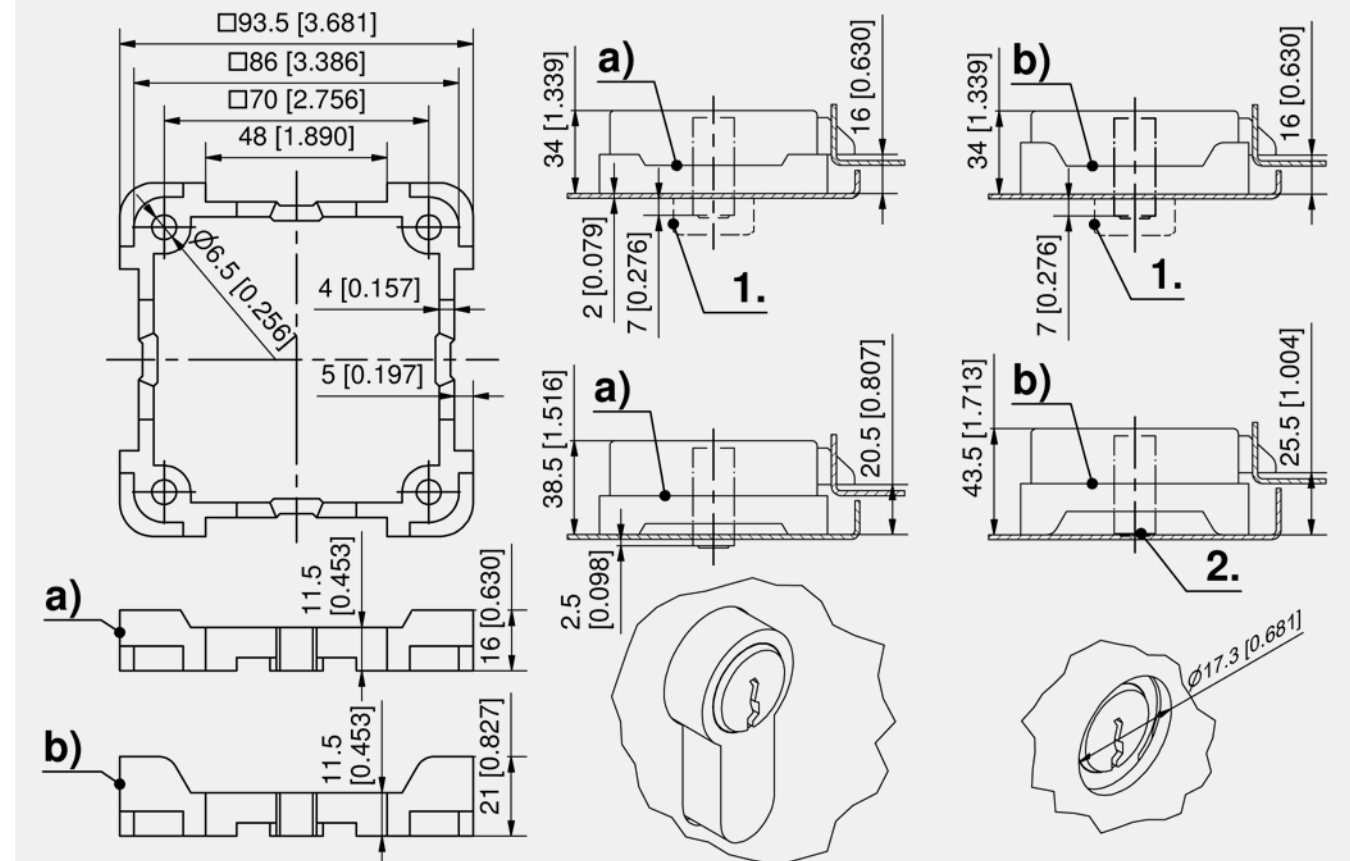
1. e.g. lock cover 237-9001
2. PHZ is under the door panel



Slam latch for insert

Part Number	Version	Installation type	Delivery Unit
229-9109.00-00000	RH door	screw-on	1 pc.
229-9110.00-00000	LH door	screw-on	1 pc.

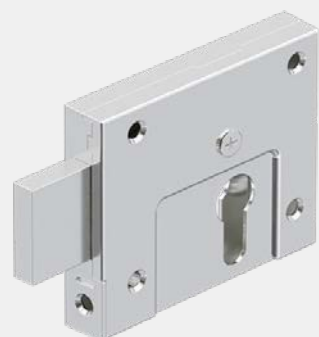
+	Accessories
a) 429	6-111.03 Lock Support for Slam Latch
b) 303	2-141 Inserts
c) 754	202-0616.00-00000 Serrated screw
768	6-100 Wrench
766	6-101 Universal key
425	6-115 Polyamide Lock Cover



Lock support for slam latch

	Part Number	for bending	Installation type	Delivery Unit
a)	229-0504.35-04045	11,5 or 16mm	screw-on	1 pc.
b)	229-0504.35-04050	11,5 or 21mm	screw-on	1 pc.





Advantages

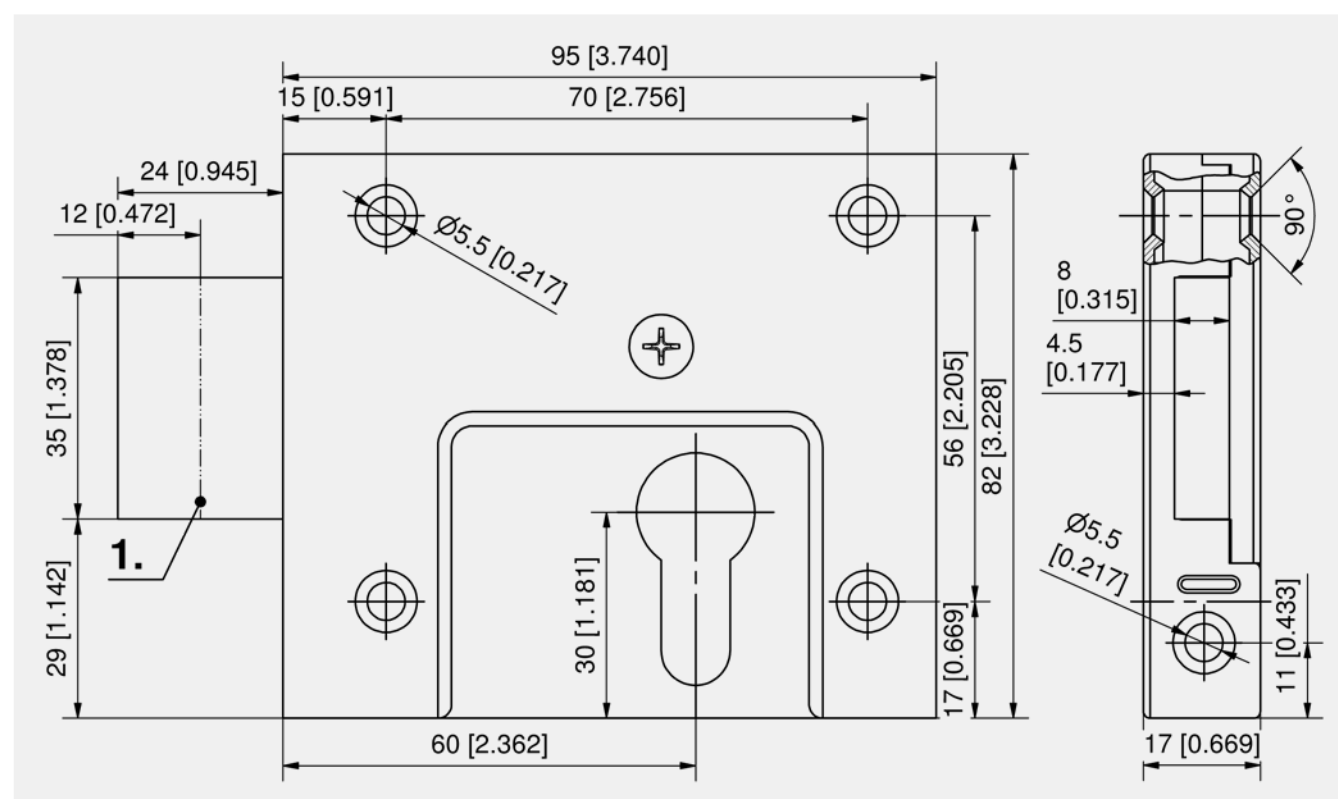
- Double-rotating lockable application.
- RH / LH application.
- For Profile-cylinder DIN 18252.
- Countersunk machine screw for PHZ is included.

Materials

- **Dead bolt lock:** steel, zinc plated

Remarks

1. latch bolt



Dead bolt lock

Part Number	Version	Installation type	Delivery Unit
228-9001.00-00000	RH / LH	screw-on	1 pc.



Accessories

304, 388 2-140 **Profile-Cylinder DIN 18252**
860-0965.00-00570 **Countersunk machine screw for dead bolt lock**

2-Point Latch PHZ with Lock Cover

See page 440



DIN
61373



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RoHS
WEEE



Advantages

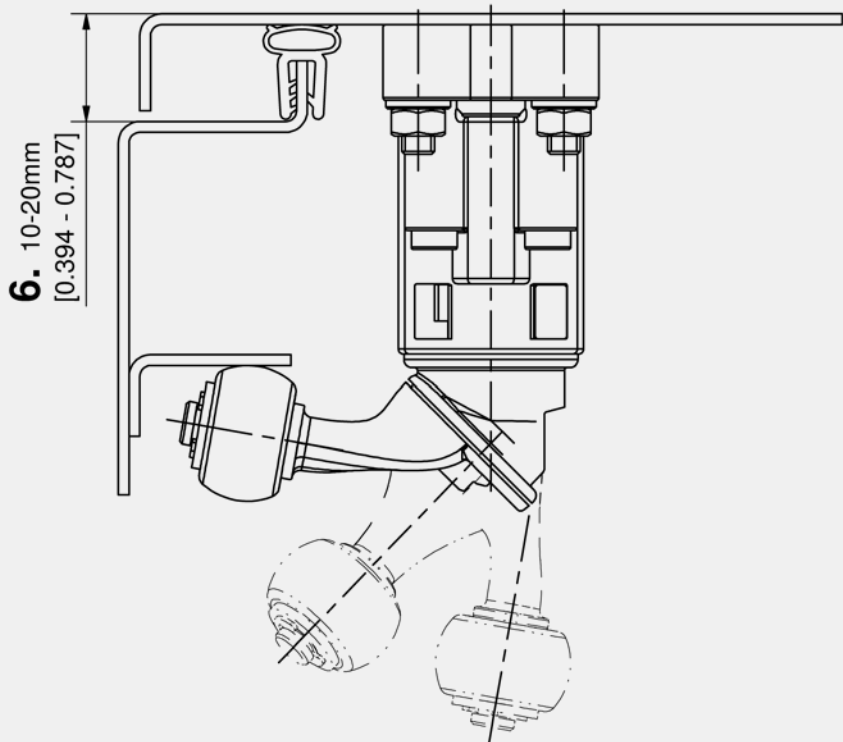
- Compression 10 - 20mm. (6.)
- No protruding handle or knob.
- The key inserted into the profile-cylinder opens and closes the lock according to DIN 18252.
- Closing- and opening operation 180°.
- The key is removable only in the locked position.
- IP65 according to DIN EN 60529. (2.)
- Vibration-proof according to DIN EN 61373.
- 1300N of force at the latching point.

Materials

- **Housing, housing cover, slider and cam:** zinc die, zinc plated
- **Roller:** POM, black
- **Washer, retaining clip and fastening screws:** steel, zinc plated
- **Shoulder bolt:** stainless steel
- **Gear cover:** PA6, black
- **O-Rings:** NBR, black
- **Flat external seal:** EPDM, black

Remarks

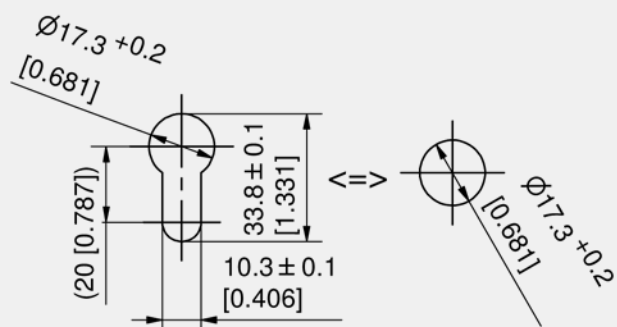
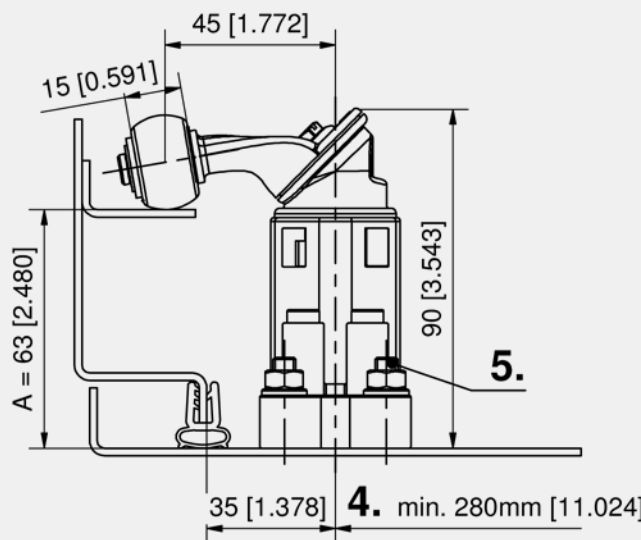
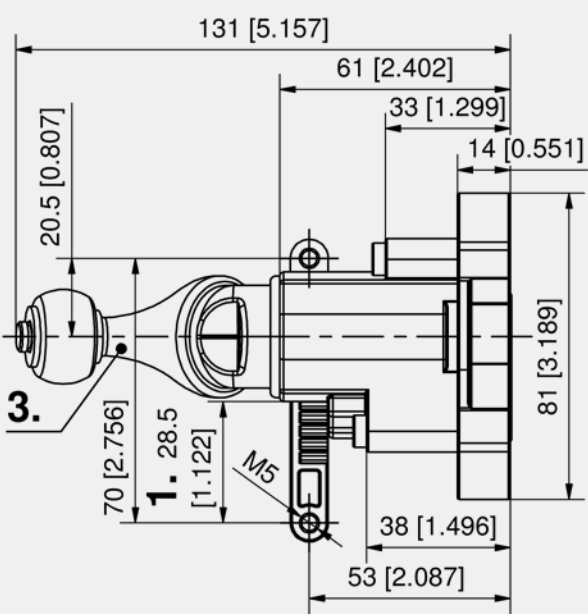
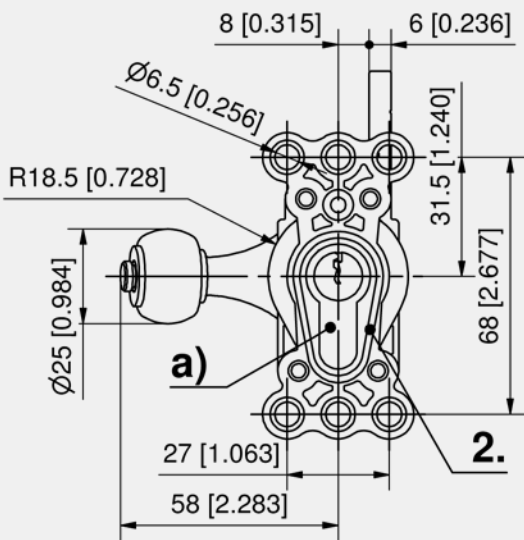
1. stroke 28,5mm
 3. cam open position
 4. to the pivot to the hinge min. 280mm
 5. e.g. weld stud M6x20
- Version DIN RH (as shown).
Version DIN LH on request.



Compression latch PHZ (internal)

Part Number	1-point cam	A-dimension	Installation type	Delivery Unit
448-9112.00-00020	Yes	63 mm	screw-on	1 pc.

Accessories			
a)	304, 388	211-9004.00-00000	DIRAK Profile-cylinder
a)	304, 388	211-9003.00-00000	DIRAK Profile-cylinder





Advantages

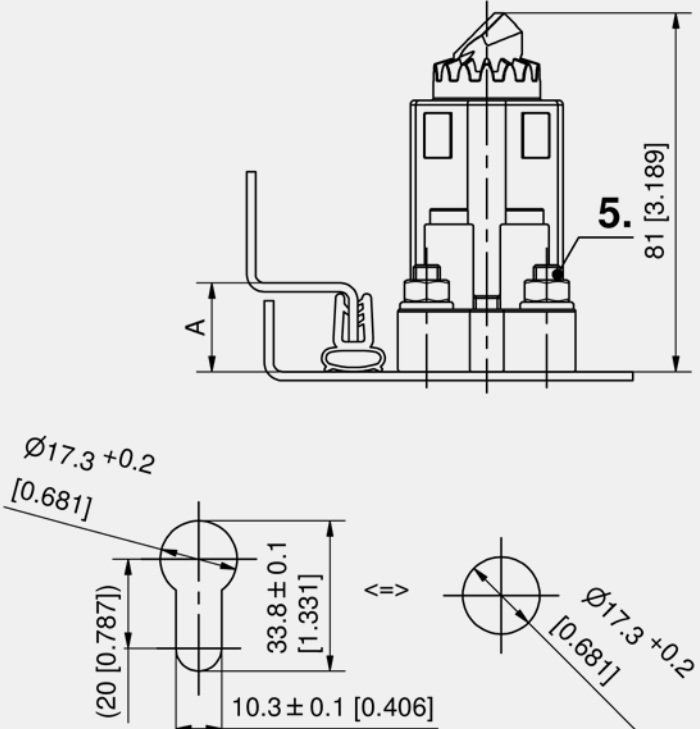
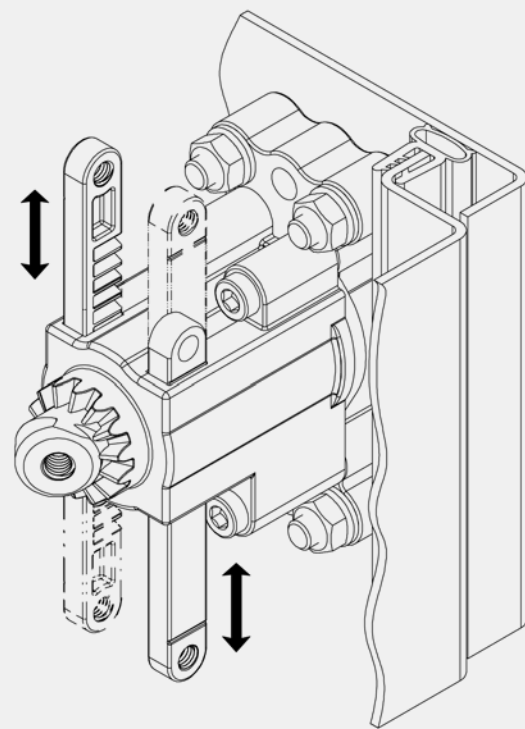
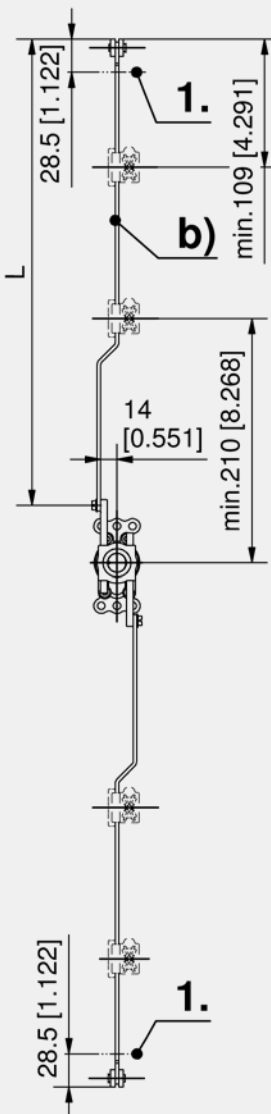
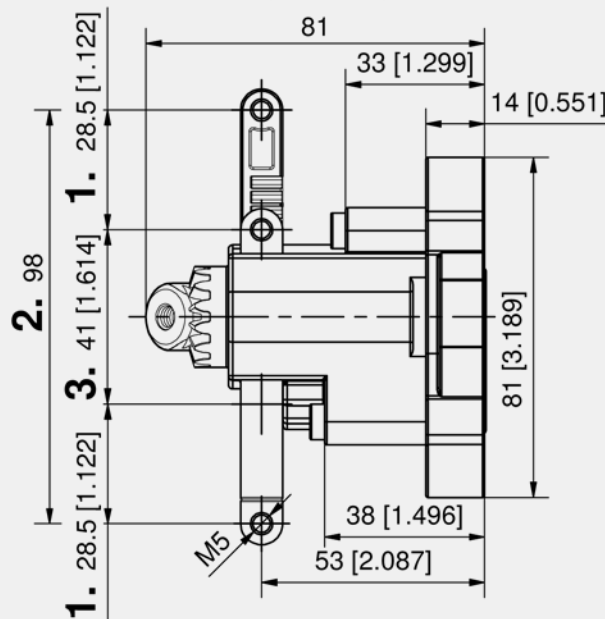
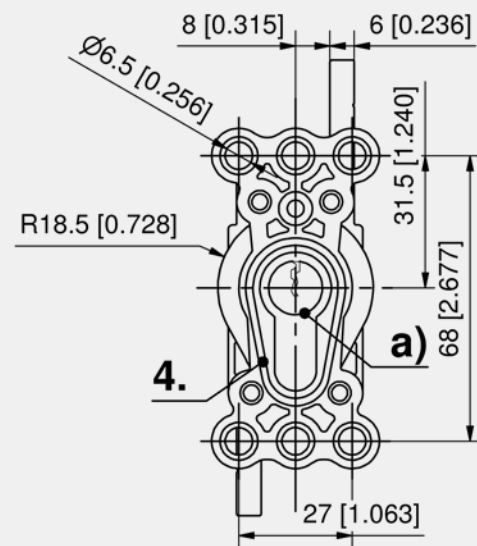
- No protruding handle or knob.
- Perfectly suited to control flat rods.
- The key inserted into the profile-cylinder opens and closes the lock according to DIN 18252.
- Closing- and opening operation 180°.
- The key is removable only in the locked position.
- IP65 according to DIN EN 60529. (4.)

Materials

- **Housing, housing cover and slider:** zinc die, zinc plated
- **Screws:** steel, zinc plated
- **O-rings:** NBR, black
- **Flat external seal:** EPDM, black

Remarks

1. stroke 28.5mm
 2. extracted
 3. retracted
 5. e.g. weld stud M6x20
- Version DIN RH (as shown).
Version DIN LH on request.



Rod formular:

$$L = \frac{\text{clearance of the cabinet} - 10\text{mm [0.394] (tolerance)} - 41 \text{ (Rod Latch System in retracted condition)}}{2}$$

2-point latch PHZ (internal)

Part Number	Version	Multi-point latches	Installation type	Delivery Unit
448-9119.00-00000	for flat rods	Yes	screw-on	1 pc.

Accessories
378 3-910 Rod Guide FS 23mm
379 3-911 Rod Guide FS 23mm
a) 304, 388 211-9003.00-00000 DIRAK Profile-cylinder
a) 304, 388 211-9004.00-00000 DIRAK Profile-cylinder
Specific accessories
b) 447 448-9303.00-Lxxmm Flat rod, special length
b) 447 448-9304.00-Lxxmm Flat rod, special length





Advantages

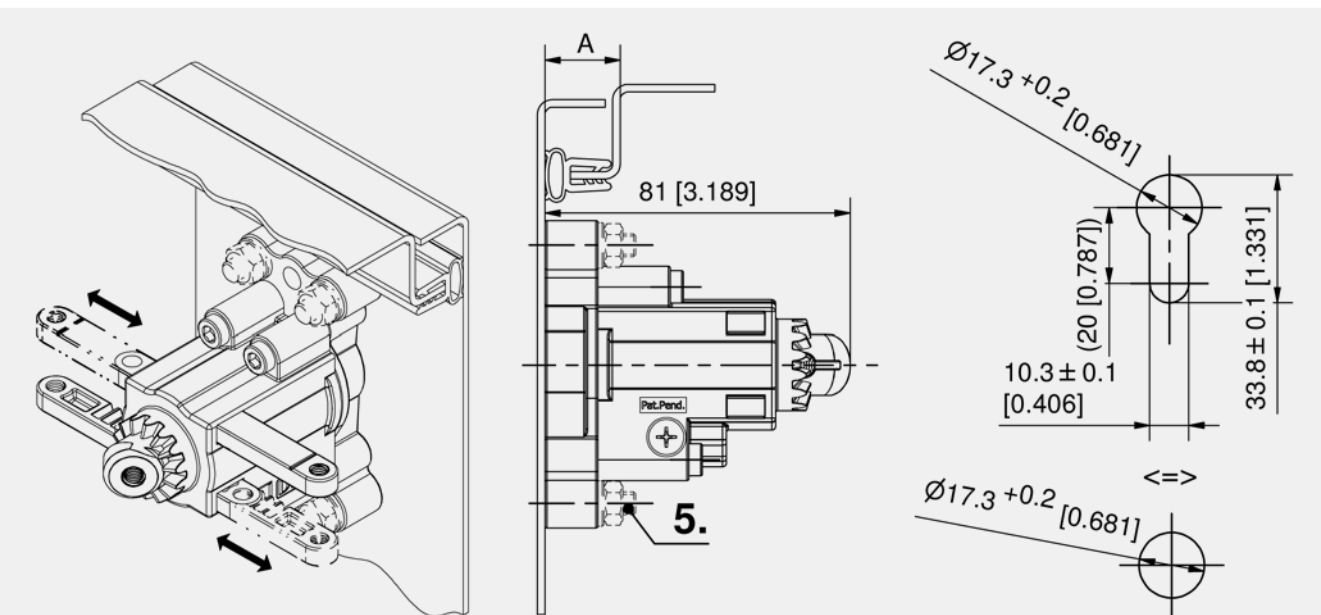
- No protruding handle or knob.
- Perfectly suited to control flat rods.
- The key inserted into the profile-cylinder opens and closes the lock according to DIN 18252.
- Closing- and opening operation 180°.
- The key is removable only in the locked position.
- IP65 according to DIN EN 60529. (4.)

Materials

- **Housing, housing cover and slider:** zinc die, zinc plated
- **Screws:** steel, zinc plated
- **O-rings:** NBR, black
- **Flat external seal:** EPDM, black

Remarks

- Version DIN RH (as shown).
Version DIN LH on request.
1. stroke 28.5mm
 2. extended
 3. retracted
 5. e.g. weld stud M6x20



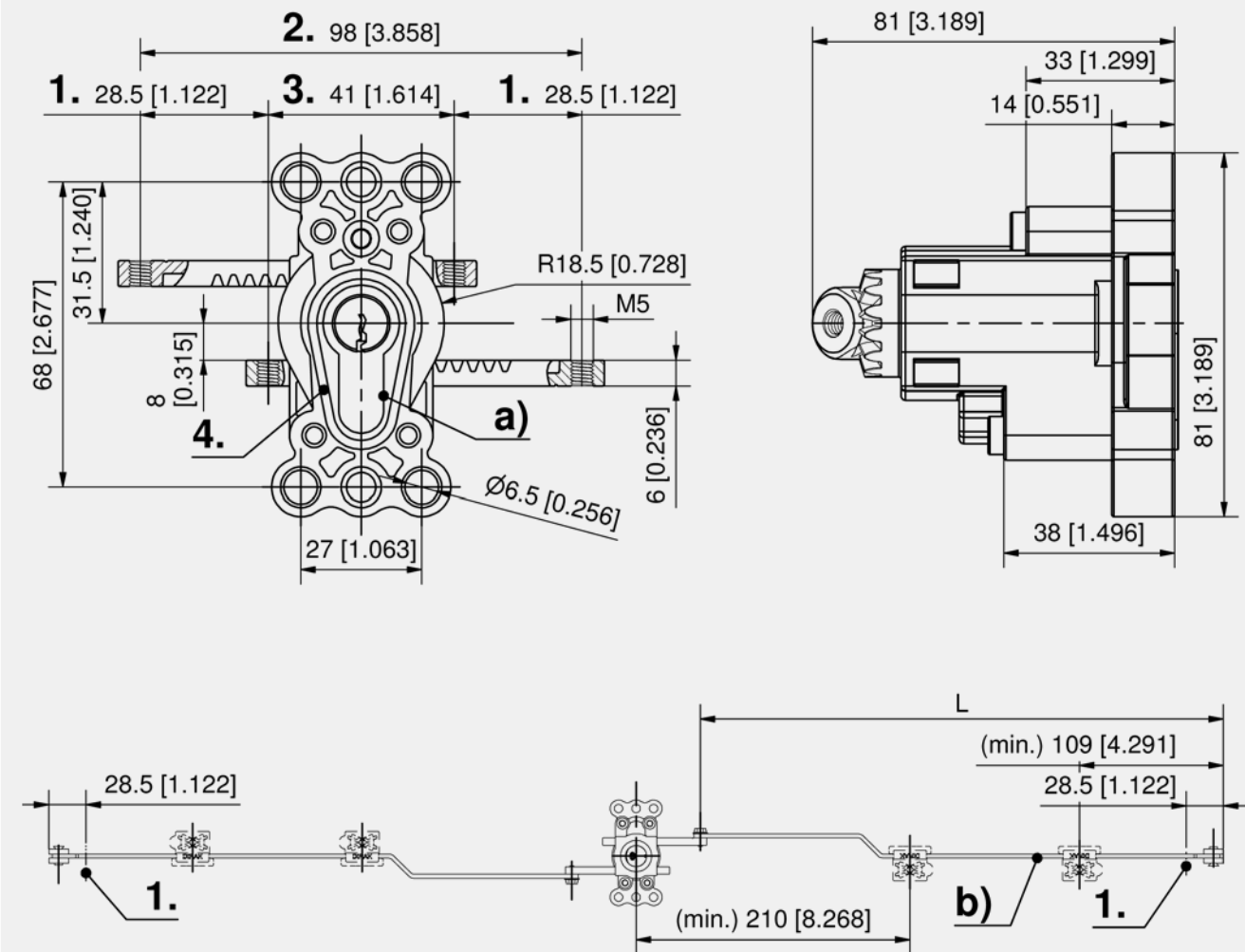
Rod formula:

$$L = \text{clearance of the cabinet} - 10\text{mm [0.394] (tolerance)} - 41 [1.614] \text{ (Rod Latch System in retracted condition)} + 2 [0.079]$$

2-point latch PHZ (internal)

Part Number	Version	Multi-point latches	Installation type	Delivery Unit
448-9125.00-00000	for flat rods	Yes	screw-on	1 pc.

Accessories	
a) 304, 388	211-9003.00-00000 DIRAK Profile-cylinder
a) 304, 388	211-9004.00-00000 DIRAK Profile-cylinder
378	3-910 Rod Guide FS 23mm
379	3-911 Rod Guide FS 23mm
b) 447	6-511 Flat Rod for Multi-Point Locking



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65

**RoHS
WEEE**



Advantages

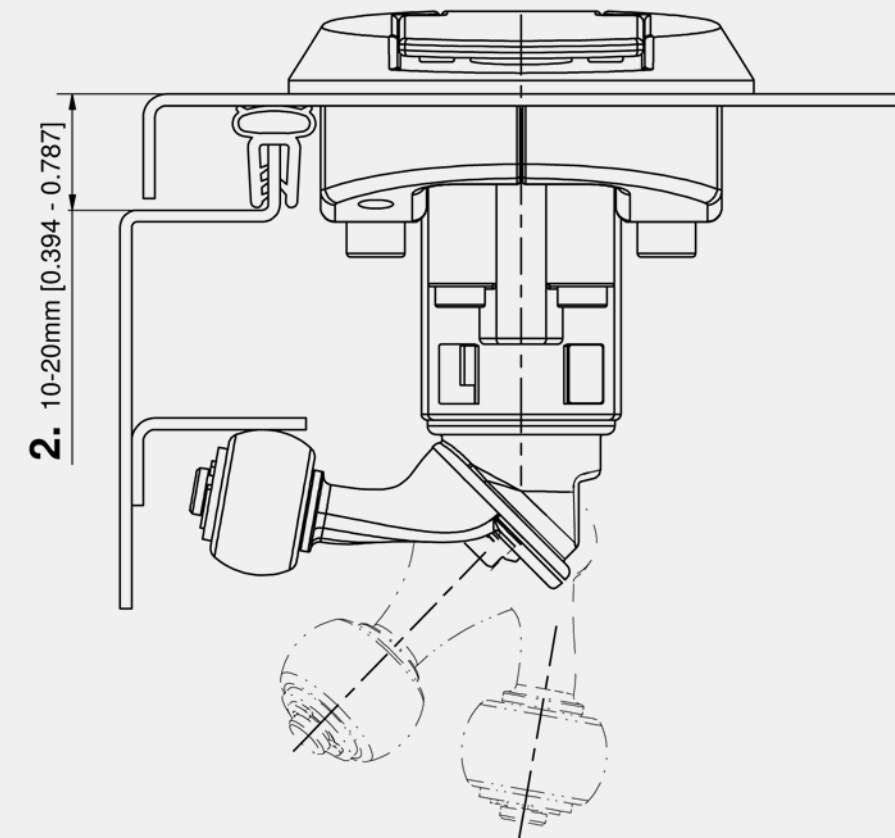
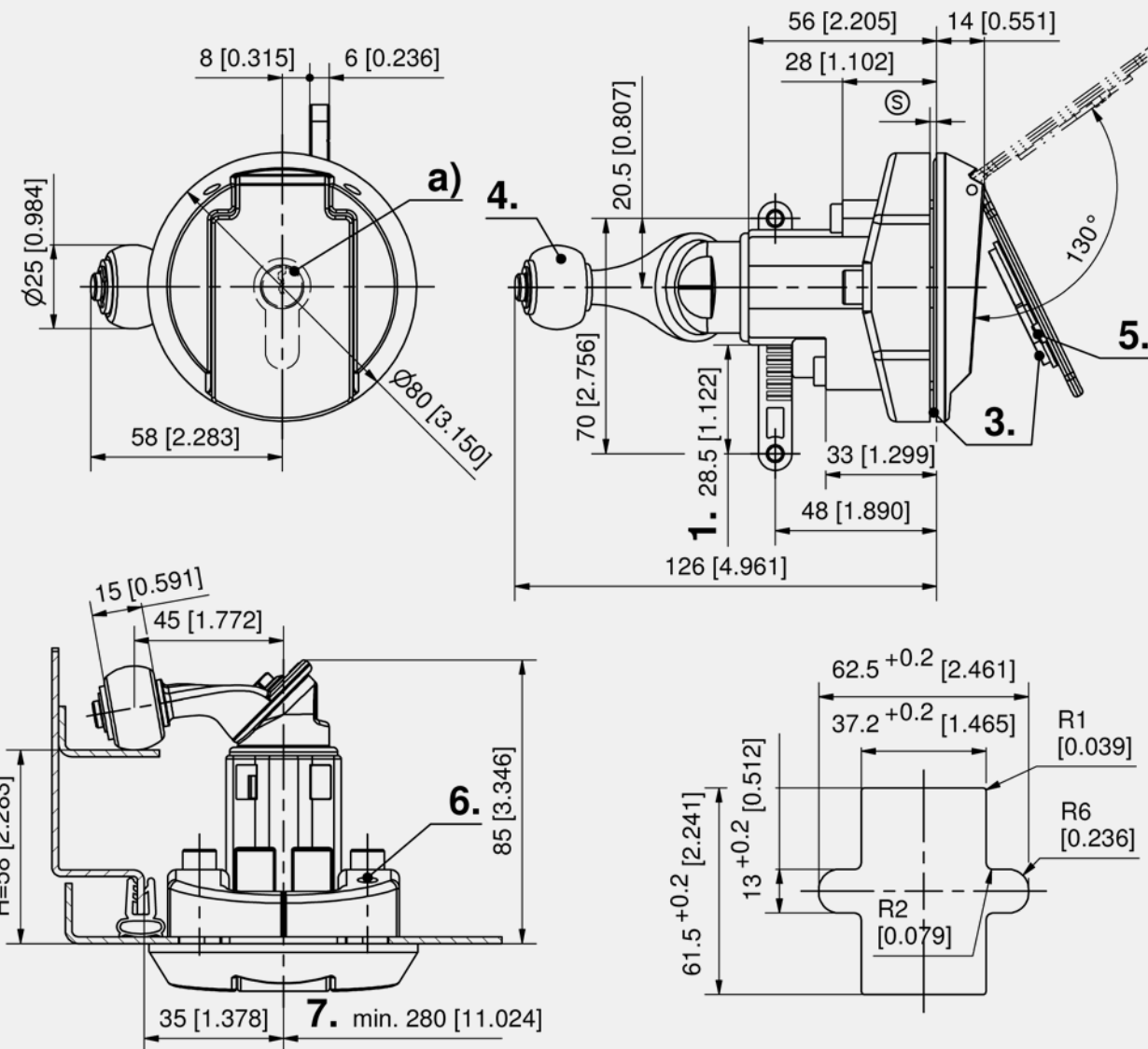
- Ergonomically designed lock cover.
- Magnet supported cylinder flap. (5.)
- Compression 10 - 20mm. (2.)
- The key inserted into the profile-cylinder opens and closes the lock according to DIN 18252.
- Closing- and opening operation 180°.
- The key is removable only in the locked position.
- Grounding with set screw DIN 914 (incl.). (6.)
- Seismic-proof according to GR-63-CORE, Issue 4.
- IP65 according to DIN EN 60529. (3.)
- 1300N of force at the latching point.

Materials

- **Housing, slider and cam:** zinc die, zinc plated
- **Lock cover:** zinc die, matte chrome plated
- **Clamp:** zinc die, untreated
- **Seal:** CR / NBR
- **Roller:** POM, black
- **Washer, fastening screws and set screw:** steel, zinc plated
- **Collar screw:** stainless steel
- **Gear cover:** PA6, black

Remarks

- (S) Door-thickness max. 3mm
1. stroke 28.5mm
4. opened
7. min 280mm to the pivot point (hinge)
Version DIN RH (as shown).
Version DIN LH on request.



Compression latch with cover

Part Number	1-point cam	H-dimension	Installation type	Delivery Unit
448-9114.00-00020	Yes	58 mm	screw-on	1 pc.

	Accessories
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a)	304, 388	211-9004.00-00000	DIRAK Profile-cylinder
a)	304, 388	211-9003.00-00000	DIRAK Profile-cylinder



DIN
61373



IP
69K

RoHS
WEEE



Advantages

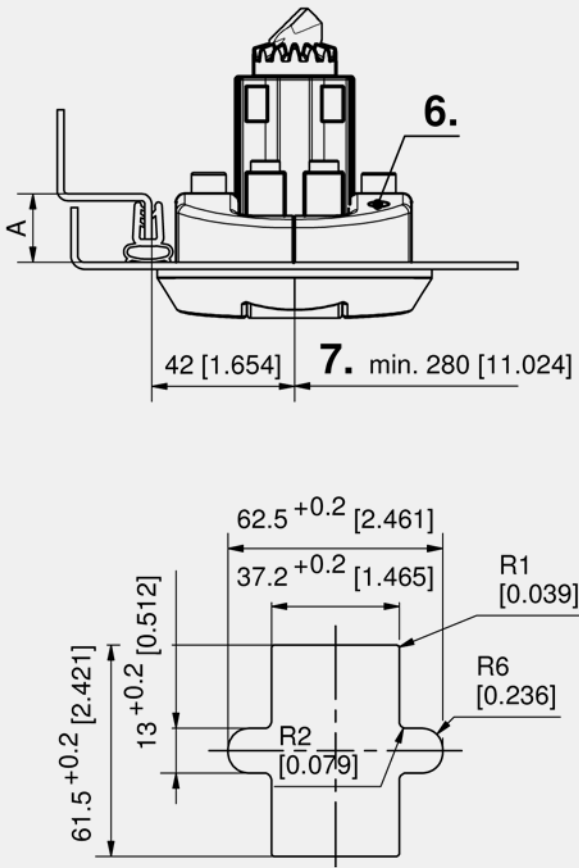
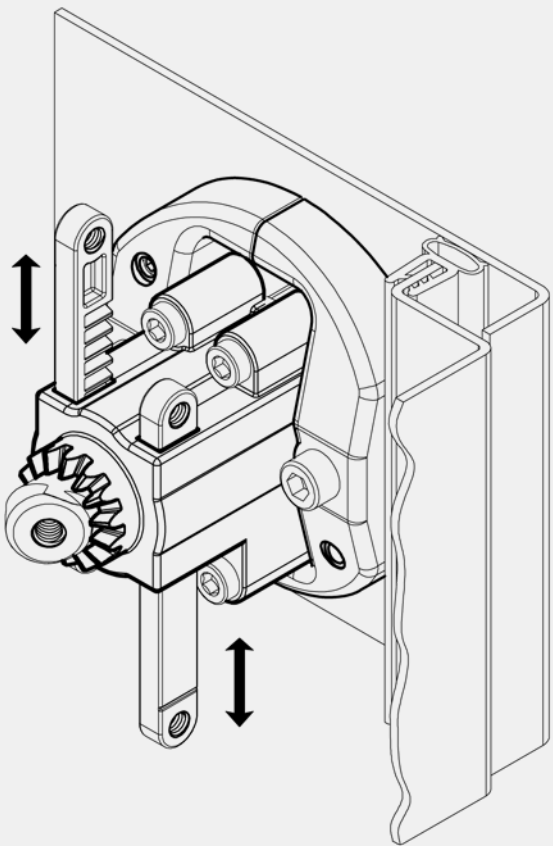
- Ergonomically designed vertical 2-point latch.
- Magnet supported cylinder flap. (5.)
- Perfectly suited to control flat rods.
- The key inserted into the profile-cylinder opens and closes the lock according to DIN 18252.
- Closing- and opening operation 180°.
- The key is removable only in the locked position.
- Grounding with set screw DIN 914 (incl.). (6.)
- Vibration-proof according to DIN EN 61373.
- IP69K according to DIN 40050. (4.)

Materials

- **Housing and slider:** zinc die, zinc plated
- **Clamp:** zinc die, untreated
- **Lock cover:** zinc die, matte chrome plated
- **Seal:** CR / NBR
- **Fastening screws and set screw:** steel, zinc plated

Remarks

- (S) Door-thickness max. 3mm
1. stroke 28.5mm
 2. extended
 3. retracted
 7. min. 280mm to pivot (hinge)
- Version DIN RH (as shown).
Version DIN LH on request.



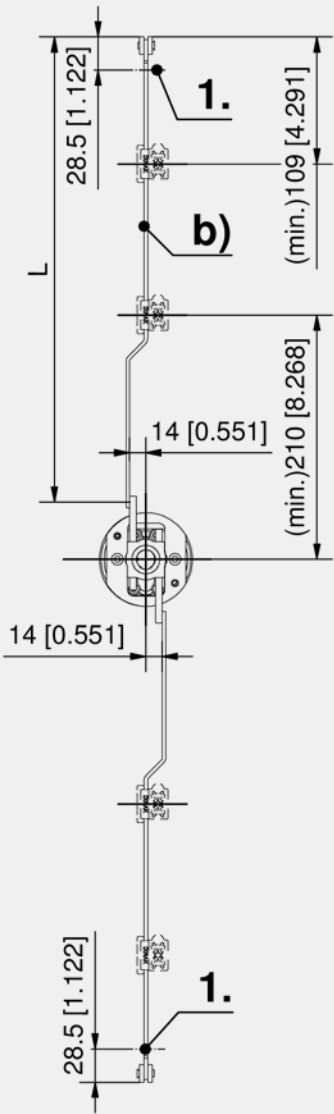
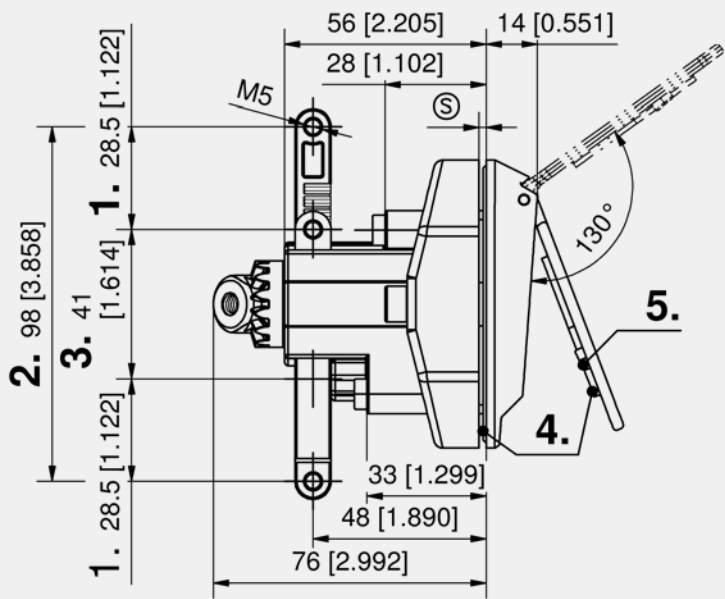
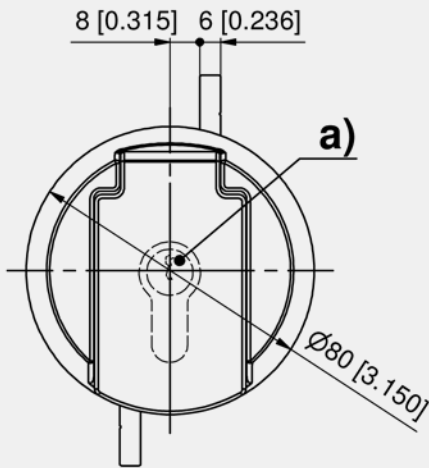
Rod formular:

$$L = \frac{\text{clearance of the cabinet} - 10\text{mm [0.394] (tolerance)} - 3. 41 \text{ (Rod Latch System in retraced condition)}}{2}$$

2-point latch with cover

Part Number	Version	Multi-point latches	Installation type	Delivery Unit
448-9120.00-00000	for flat rods	Yes	screw-on	1 pc.

Accessories	
a)	304, 388 211-9004.00-00000 DIRAK Profile-cylinder
a)	304, 388 211-9003.00-00000 DIRAK Profile-cylinder
b)	448-9305.00-Lxxmm
b)	448-9306.00-Lxxmm
378	3-910 Rod Guide FS 23mm
379	3-911 Rod Guide FS 23mm





Advantages

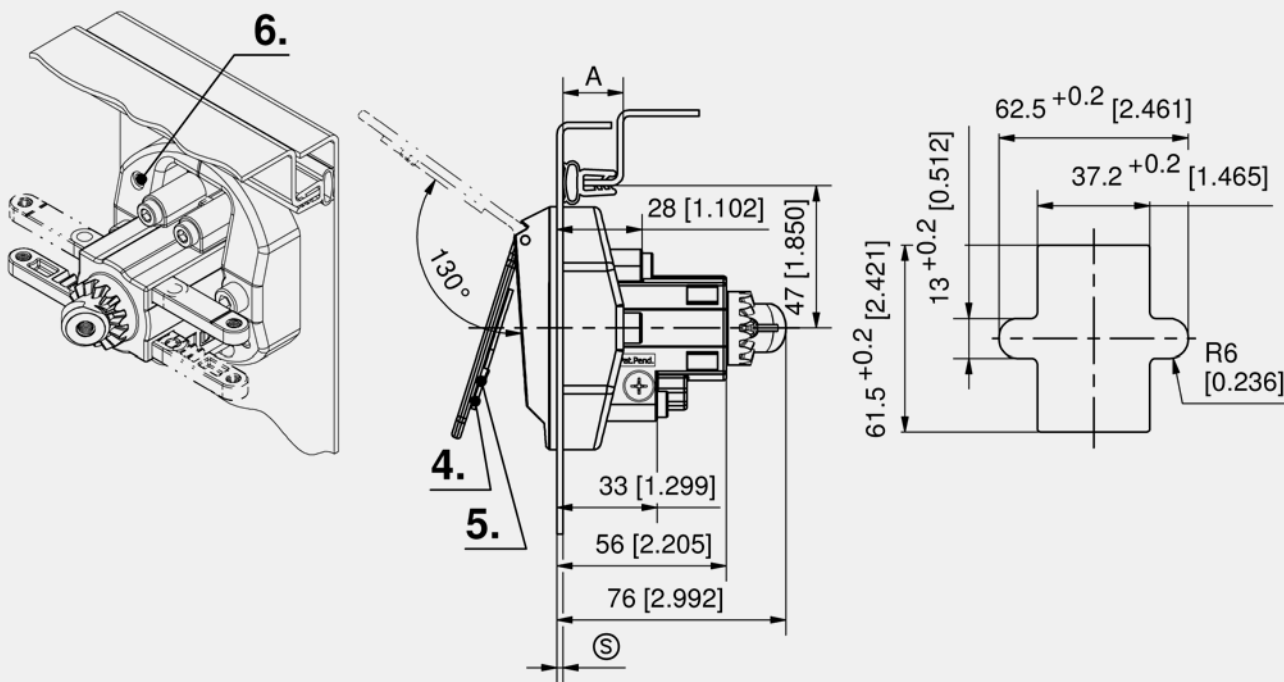
- Ergonomically designed horizontal 2-point latch.
- Magnet supported cylinder flap. (5.)
- Perfectly suited to control flat rods.
- The key inserted into the profile-cylinder opens and closes the lock according to DIN 18252.
- Closing- and opening operation 180°.
- The key is removable only in the locked position.
- Grounding with set screw DIN 914 (incl.). (6.)
- IP65 according to DIN EN 60529.(4.)

Materials

- **Housing and slider:** zinc die, zinc plated
- **Clamp:** zinc die, untreated
- **Lock cover:** zinc die, matt chrome plated
- Other surfaces on request!
- **O-rings:** NBR, black
- **Seal for cylinder flap:** CR
- **Fastening screws and set screw:** steel, zinc plated

Remarks

- (S) Door-thickness max. 3mm
- 1. stroke 28.5mm
- 2. extended
- 3. retracted
- Version DIN RH (as shown).
- Version DIN LH on request.



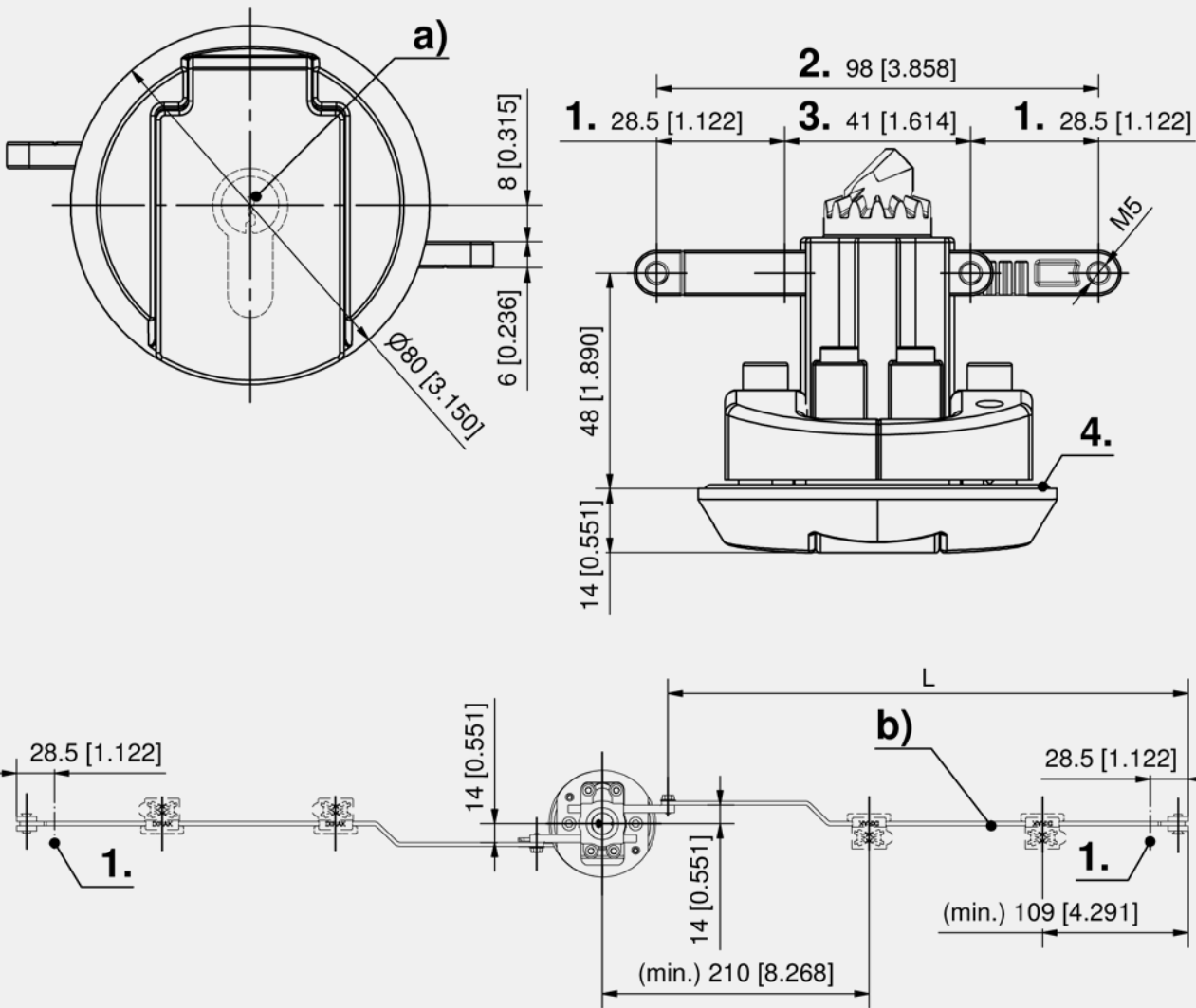
Rod formular:

$$L = \text{clearance of the cabinet} - 10\text{mm [0.394] (tolerance)} - \frac{3. 41 [1.614] \text{ (Rod Latch System in retracted condition)}}{2 [0.079]}$$

2-point latch PHZ with lock cover

Part Number	Version	Multi-point latches	Installation type	Delivery Unit
448-9123.00-00000	for flat rods	Yes	screw-on	1 pc.

Accessories				
a)	304, 388	211-9003.00-00000	DIRAK Profile-cylinder	
a)	304, 388	211-9004.00-00000	DIRAK Profile-cylinder	
b)	448-9305.00-Lxxmm			
b)	448-9306.00-Lxxmm			
	378	3-910	Rod Guide FS 23mm	
	379	3-911	Rod Guide FS 23mm	



DIN
61373



IP
65

RoHS
WEEE



Advantages

- Flush latch.
- High transmission ratio with high contact pressure due to planetary gear.
- Compression 10 - 20mm. (6.)
- Single-point latch.
- Multi-point latch in combination with locking element 6-510 and flat rods (h).
- Closing-and opening operation 90°.
- 1300N of force per latching point.
- IP65 according to DIN EN 60529. (5)
- Vibration-proof according to DIN EN 61373.

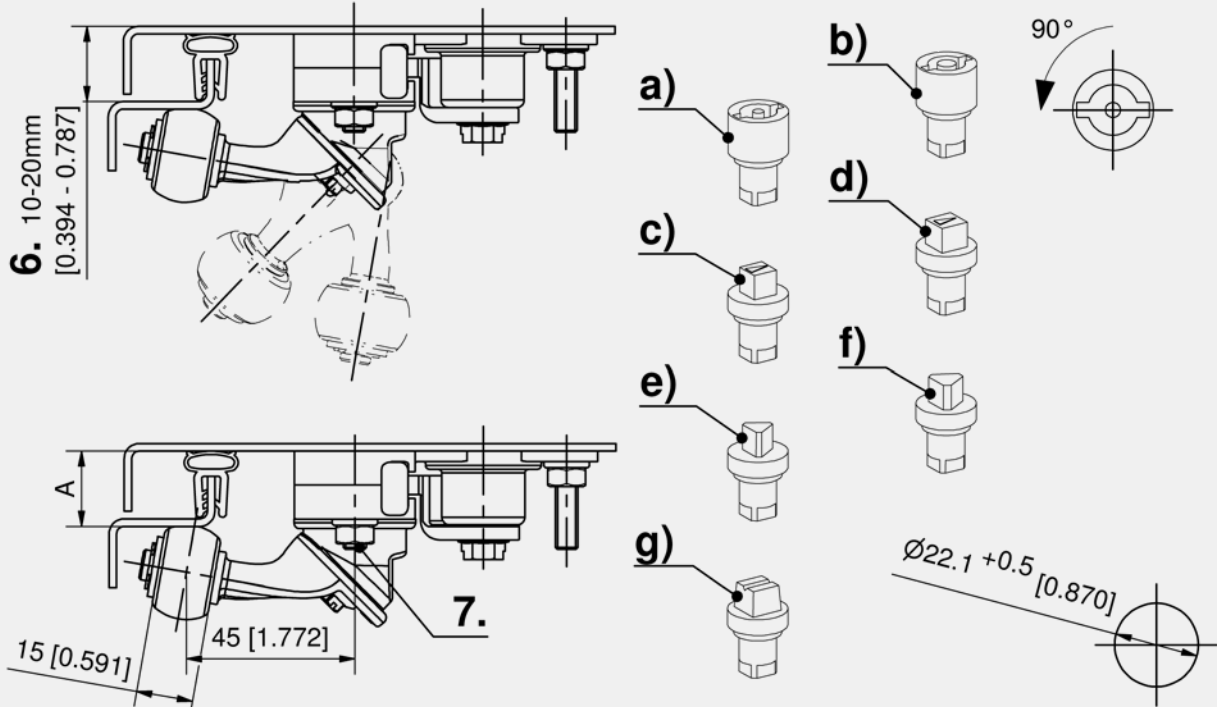
Materials

- **Housing, slider and cam:** zinc die, zinc plated
- **O-rings:** NBR, black
- **Roller:** POM, black
- **Collar screw:** stainless steel
- **Insert:** zinc die, chrome plated
- **Gear cover:** PA6, black
- **Connecting rod:** steel, zinc plated

Remarks

1. stroke 28,5mm
2. clearance
3. closed
4. open
7. e.g. welding stud M6x25

Accessories connecting rod: price and delivery time on request



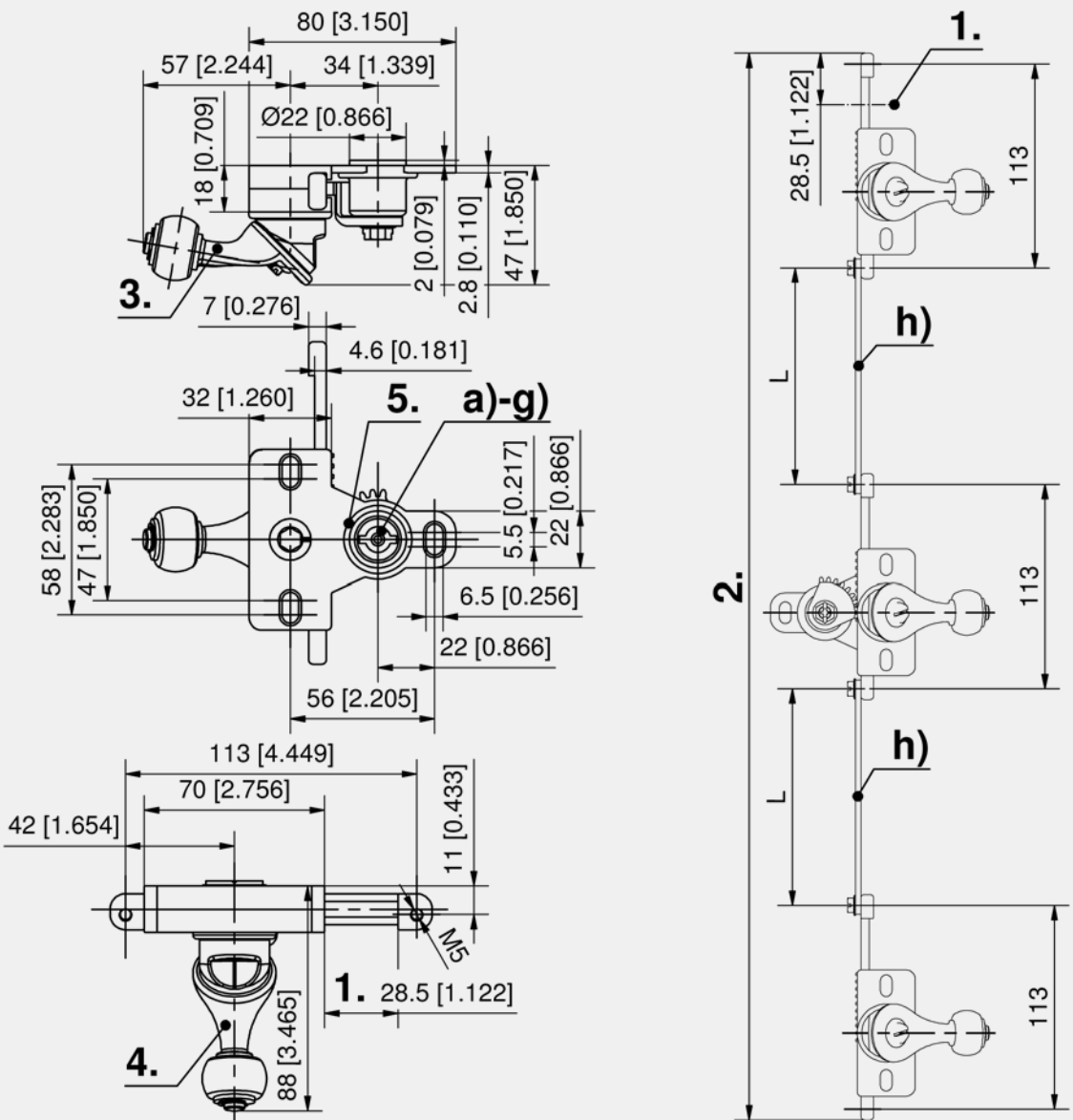
Compression latch

	Part Number	Insert	A	Installation type	Delivery Unit
a)	448-9117.00-01018	Double bit 3mm pin	18 mm	screw-on	1 pc.
b)	448-9117.00-02018	Double bit 5mm pin	18 mm	screw-on	1 pc.
c)	448-9117.00-03018	Square 7mm	18 mm	screw-on	1 pc.
d)	448-9117.00-04018	Square 8mm	18 mm	screw-on	1 pc.
e)	448-9117.00-05018	Triangular 7mm	18 mm	screw-on	1 pc.
f)	448-9117.00-06018	Triangular 8mm	18 mm	screw-on	1 pc.
g)	448-9117.00-07018	Conical square 9mm	18 mm	screw-on	1 pc.
a)	448-9117.00-01020	Double bit 3mm pin	20 mm	screw-on	1 pc.
b)	448-9117.00-02020	Double bit 5mm pin	20 mm	screw-on	1 pc.
c)	448-9117.00-03020	Square 7mm	20 mm	screw-on	1 pc.
d)	448-9117.00-04020	Square 8mm	20 mm	screw-on	1 pc.
e)	448-9117.00-05020	Triangular 7mm	20 mm	screw-on	1 pc.
f)	448-9117.00-06020	Triangular 8mm	20 mm	screw-on	1 pc.
g)	448-9117.00-07020	Conical square 9mm	20 mm	screw-on	1 pc.
a)	448-9117.00-01023	Double bit 3mm pin	23 mm	screw-on	1 pc.
b)	448-9117.00-02023	Double bit 5mm pin	23 mm	screw-on	1 pc.
c)	448-9117.00-03023	Square 7mm	23 mm	screw-on	1 pc.
d)	448-9117.00-04023	Square 8mm	23 mm	screw-on	1 pc.
e)	448-9117.00-05023	Triangular 7mm	23 mm	screw-on	1 pc.
f)	448-9117.00-06023	Triangular 8mm	23 mm	screw-on	1 pc.
g)	448-9117.00-07023	Conical square 9mm	23 mm	screw-on	1 pc.
a)	448-9117.00-01025	Double bit 3mm pin	25 mm	screw-on	1 pc.
b)	448-9117.00-02025	Double bit 5mm pin	25 mm	screw-on	1 pc.
c)	448-9117.00-03025	Square 7mm	25 mm	screw-on	1 pc.
d)	448-9117.00-04025	Square 8mm	25 mm	screw-on	1 pc.
e)	448-9117.00-05025	Triangular 7mm	25 mm	screw-on	1 pc.
f)	448-9117.00-06025	Triangular 8mm	25 mm	screw-on	1 pc.
g)	448-9117.00-07025	Conical square 9mm	25 mm	screw-on	1 pc.

Accessories

	Part Number	Name	Delivery Unit
h)	448-0802.15-Lxxmm	Connecting Rod	on request

	Accessories
+	768 6-100 Wrench
	446 6-510 Latching Device





Advantages

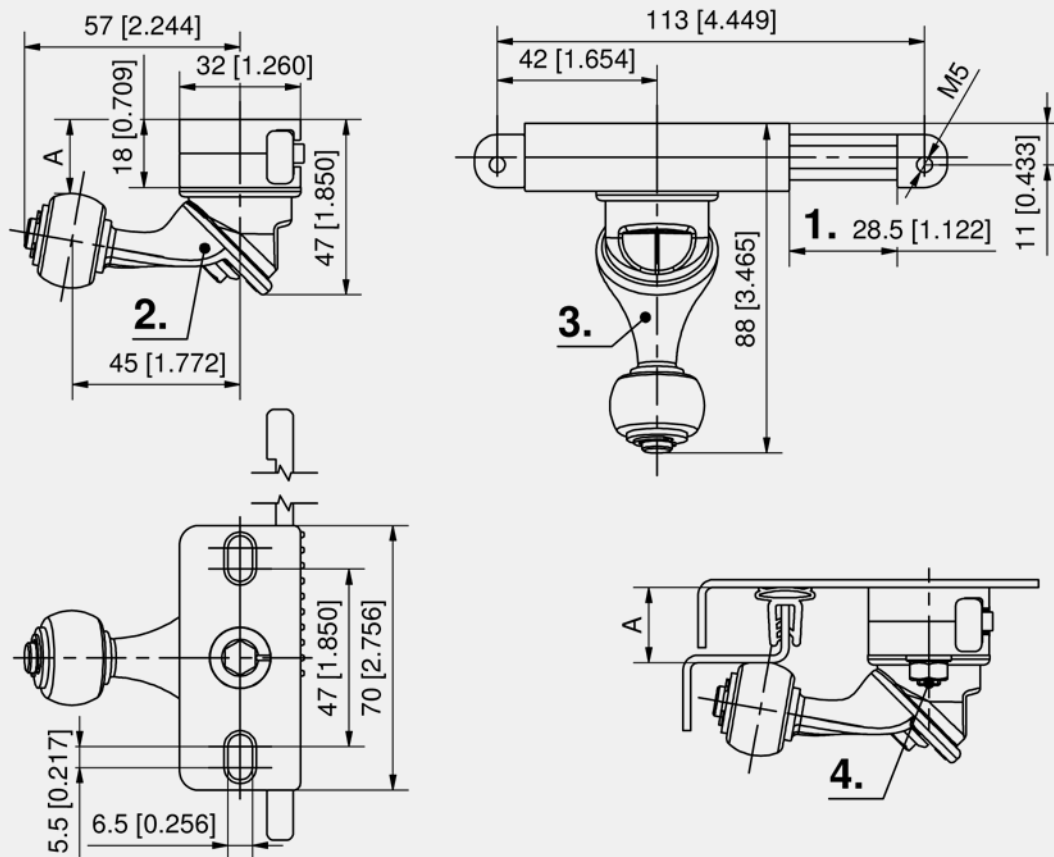
- Latch element compatible with compression latch with insert 6-504.
- High transmission ratio with high contact pressure due to planetary gear.
- Compression 10 - 20mm.
- Multi-point latch by using flat rods.
- Closing-and opening operation 90°.
- 1300N of force per latching point.
- Vibration-proof according to DIN EN 61373.

Materials

- **Housing, slider and cam:** zinc die, zinc plated
- **Cover:** PA6, black
- **Roller:** POM, black

Remarks

1. stroke 28.5mm
2. closed
3. open
4. e.g. welding stud M6x25



Latching device, internal

Part Number	A	Installation type	Delivery Unit
448-9106.00-00018	18 mm	screw-on	1 pc.
448-9106.00-00020	20 mm	screw-on	1 pc.
448-9106.00-00023	23 mm	screw-on	1 pc.
448-9106.00-00025	25 mm	screw-on	1 pc.

Accessories
444 6-504 Compression Latch with Insert



all product details
on DIRAK.com



Advantages

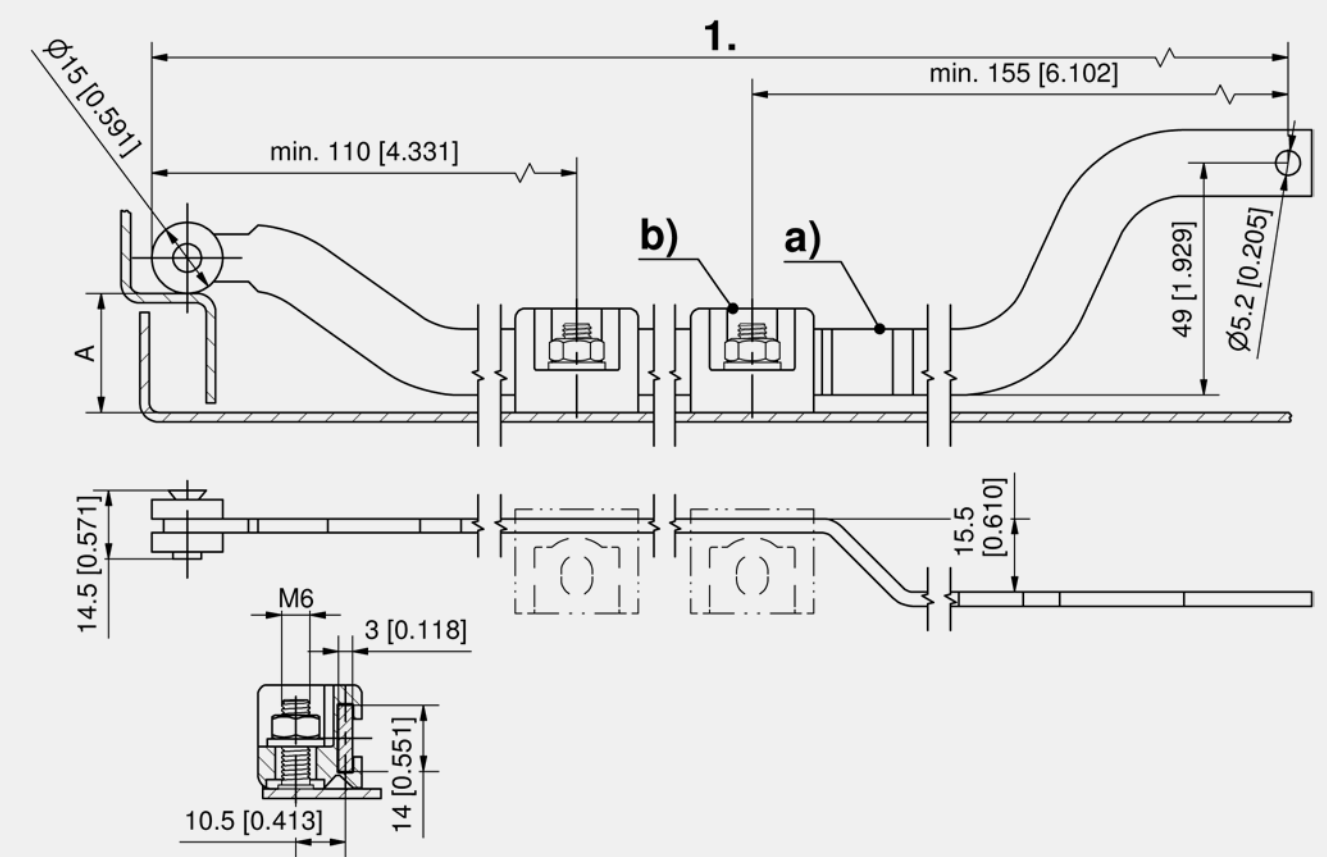
- Use for 6-501, 6-501.01, 6-503 and 6-503.01.
- With rollers.
- Bending 20 / 26mm.
- Length variable.

Materials

- **Flat rod:** steel, zinc plated
- **Rollers:** PA, black

Remarks

- DIRAK recommends 2 rod guides for rods with length greater than 200mm.
- Price and delivery time on request.
1. length



Flat rod with brass rollers, special length

	Part Number	Bending	Rod dimension WxH	Delivery Unit
a)	448-9303.00-Lxxmm	20 mm	14 x 3 mm	on request
a)	448-9304.00-Lxxmm	26 mm	14 x 3 mm	on request

Accessories
b) 378 3-910 Rod Guide FS 23mm
b) 379 3-911 Rod Guide FS 23mm



all product details
on DIRAK.com

DIN
61373

RoHS
WEEE



Advantages

- Flat compression lever latch with release button.
- With pre-assembled mounting bracket.
- No rear access needed for assembly.
- In closed position the lever latch cannot be disassembled.
- Vibration-proof according to DIN EN 61373.
- Adjustment of the H-dimension (1.) from 3 to 46mm.
- Lockable latches with stainless dust cap and 2 keys.
- Visibility of closing position by indicator at the insert variants (c.).

Materials

- **Compression lever latch:** zinc die, black, powder coated
- **Clamp:** steel, zinc plated
- **Insert:** zinc die, black, powder coated

Remarks

- (S) Door-thickness max. 3.2mm
Installation:
2. the complete latch can be installed in the cutout from the front.
 3. by turning the screw (PH2) from the outside, the mounting bracket spreads and fixes the latch in the door panel.
 4. the latch is securely fastened by the mounting bracket in the cutout.
 5. by closing the latch the door is pulled against the frame.

Compression lever latch, lockable

	Part Number	variable H-dimension	Length lever arm	Latching type	Installation type	Delivery Unit
a)	282-9417.00-00000	3 - 24 mm	35 mm	keyed alike DIRAK 1333	screw-on	1 pc.
a)	282-9418.00-00000	3 - 24 mm	35 mm	keyed different	screw-on	1 pc.
a)	282-9420.00-00000	22 - 46 mm	57 mm	keyed alike DIRAK 1333	screw-on	1 pc.
a)	282-9421.00-00000	22 - 46 mm	57 mm	keyed different	screw-on	1 pc.

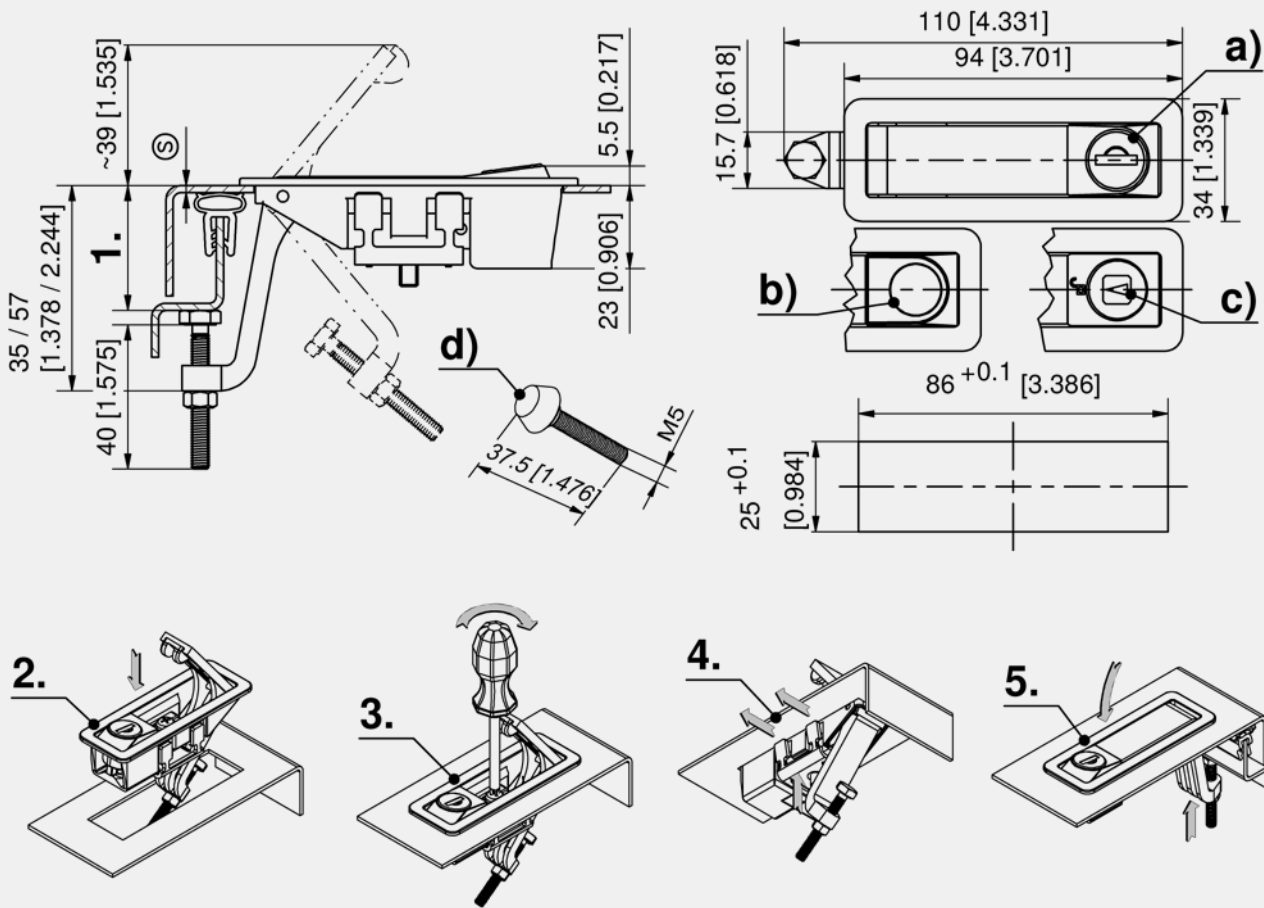
Compression lever latch, without lock

	Part Number	variable H-dimension	Length lever arm	Installation type	Delivery Unit
b)	282-9416.00-00000	3 - 24 mm	35 mm	screw-on	1 pc.
b)	282-9419.00-00000	22 - 46 mm	57 mm	screw-on	1 pc.

Compression lever latch, with insert

	Part Number	variable H-dimension	Length lever arm	Insert	Installation type	Delivery Unit
c)	282-9428.00-00001	3 - 24 mm	35 mm	Square 6mm	screw-on	1 pc.
c)	282-9428.00-00002	3 - 24 mm	35 mm	Square 7mm	screw-on	1 pc.
c)	282-9428.00-00003	3 - 24 mm	35 mm	Square 8mm	screw-on	1 pc.
c)	282-9428.00-00004	3 - 24 mm	35 mm	Triangular 7mm	screw-on	1 pc.
c)	282-9428.00-00005	3 - 24 mm	35 mm	Triangular 8mm	screw-on	1 pc.
c)	282-9428.00-00006	3 - 24 mm	35 mm	Double bit 3mm pin	screw-on	1 pc.
c)	282-9428.00-00007	3 - 24 mm	35 mm	Double bit 5mm pin	screw-on	1 pc.
c)	282-9428.00-00008	3 - 24 mm	35 mm	Slotted 2x4mm	screw-on	1 pc.
c)	282-9429.00-00001	22 - 46 mm	57 mm	Square 6mm	screw-on	1 pc.
c)	282-9429.00-00002	22 - 46 mm	57 mm	Square 7mm	screw-on	1 pc.
c)	282-9429.00-00003	22 - 46 mm	57 mm	Square 8mm	screw-on	1 pc.
c)	282-9429.00-00004	22 - 46 mm	57 mm	Triangular 7mm	screw-on	1 pc.
c)	282-9429.00-00005	22 - 46 mm	57 mm	Triangular 8mm	screw-on	1 pc.
c)	282-9429.00-00006	22 - 46 mm	57 mm	Double bit 3mm pin	screw-on	1 pc.
c)	282-9429.00-00007	22 - 46 mm	57 mm	Double bit 5mm pin	screw-on	1 pc.
c)	282-9429.00-00008	22 - 46 mm	57 mm	Slotted 2x4mm	screw-on	1 pc.

	Accessories
d)	202-1001.00-00000 Screw with rubber bumper



DIN
61373

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Advantages

- Flat compression lever latch with release button.
- With pre-assembled mounting bracket.
- No rear access needed for assembly.
- In closed position the lever latch cannot be disassembled.
- Vibration-proof according to DIN EN 61373.
- Adjustment of the H-dimension (1.) from 0 to 40mm.
- Lockable lever latches with stainless dust cover and 2 keys.
- The spring bolt keeps doors and flaps always under tension against the frame.
- No need for readjusting if the pressure if the sealing decreases.

Materials

- **Compression lever latch:** zinc die, black, powder coated
- **Clamp:** steel, zinc plated
- **Spring bolt and spring:** stainless steel

Remarks

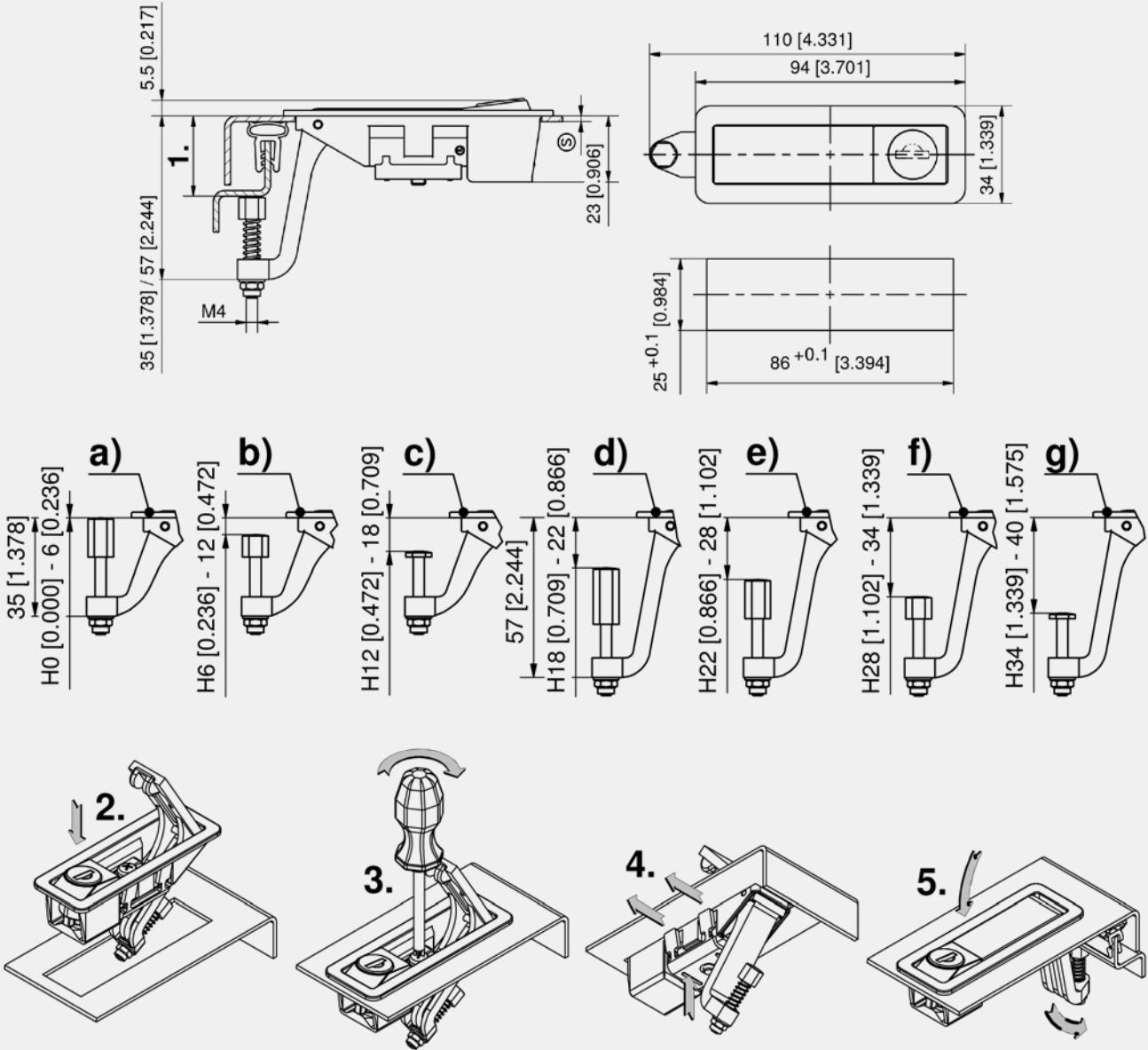
- (S) Door-thickness max. 3.2mm
- Installation:
2. the complete latch can be installed in the cutout from the front.
 3. by turning the screw (PH2) from the outside, the mounting bracket spreads and fixes the latch in the door panel.
 4. the latch is securely fastened by the mounting backet in the cutout.
 5. by closing the latch the door is pulled against the frame.

Compression lever latch, without lock

	Part Number	variable H-dimension	Installation type	Delivery Unit
a)	282-9413.00-00003	0 - 6 mm	screw-on	1 pc.
b)	282-9413.00-00009	6 - 12 mm	screw-on	1 pc.
c)	282-9413.00-00015	12 - 18 mm	screw-on	1 pc.
d)	282-9413.00-00020	18 - 22 mm	screw-on	1 pc.
e)	282-9413.00-00025	22 - 28 mm	screw-on	1 pc.
f)	282-9413.00-00031	28 - 34 mm	screw-on	1 pc.
g)	282-9413.00-00037	34 - 40 mm	screw-on	1 pc.

Compression lever latch, lockable

	Part Number	variable H-dimension	Latching type	Installation type	Delivery Unit
a)	282-9414.00-00003	0 - 6 mm	keyed alike DIRAK 1333	screw-on	1 pc.
a)	282-9415.00-00003	0 - 6 mm	keyed different	screw-on	1 pc.
b)	282-9414.00-00009	6 - 12 mm	keyed alike DIRAK 1333	screw-on	1 pc.
b)	282-9415.00-00009	6 - 12 mm	keyed different	screw-on	1 pc.
c)	282-9414.00-00015	12 - 18 mm	keyed alike DIRAK 1333	screw-on	1 pc.
c)	282-9415.00-00015	12 - 18 mm	keyed different	screw-on	1 pc.
d)	282-9414.00-00020	18 - 22 mm	keyed alike DIRAK 1333	screw-on	1 pc.
d)	282-9415.00-00020	18 - 22 mm	keyed different	screw-on	1 pc.
e)	282-9414.00-00025	22 - 28 mm	keyed alike DIRAK 1333	screw-on	1 pc.
e)	282-9415.00-00025	22 - 28 mm	keyed different	screw-on	1 pc.
f)	282-9414.00-00031	28 - 34 mm	keyed alike DIRAK 1333	screw-on	1 pc.
f)	282-9415.00-00031	28 - 34 mm	keyed different	screw-on	1 pc.
g)	282-9414.00-00037	34 - 40 mm	keyed alike DIRAK 1333	screw-on	1 pc.
g)	282-9415.00-00037	34 - 40 mm	keyed different	screw-on	1 pc.





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Advantages

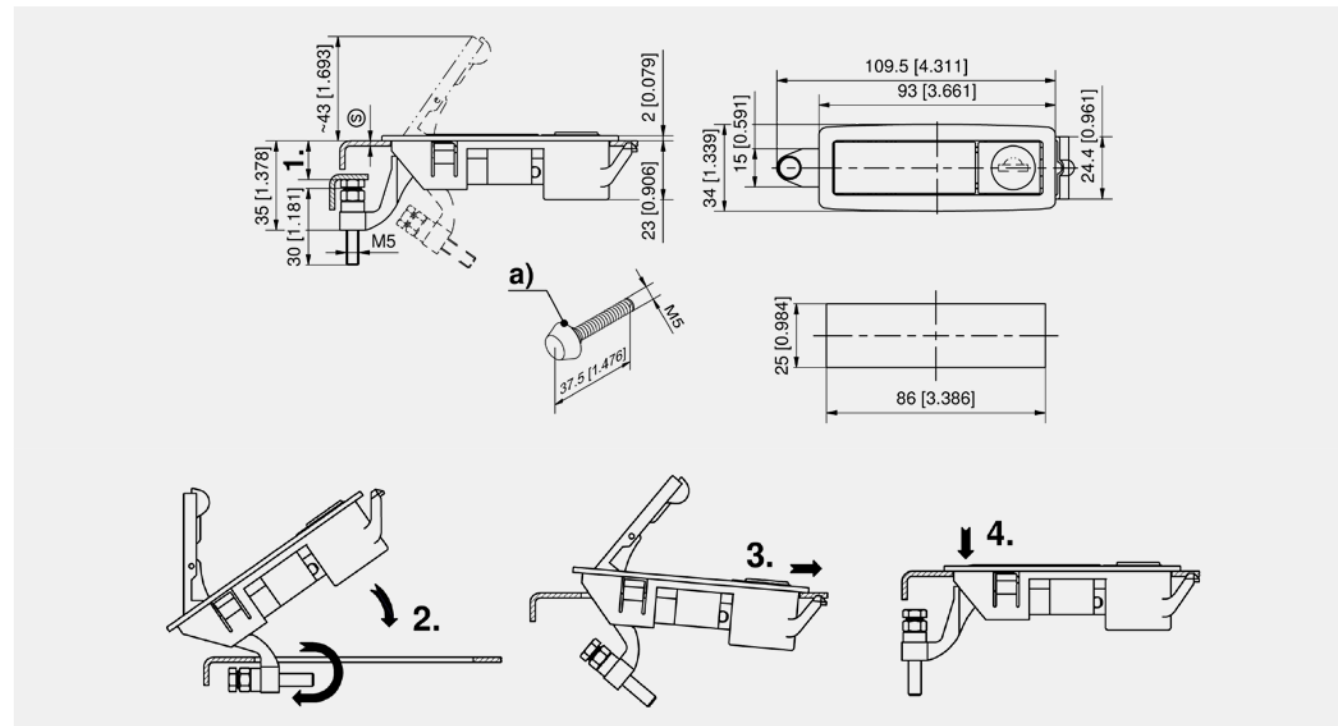
- Flat compression lever latch with release button.
- Tool-less installation, clip-in.
- In closed position the lever latch cannot be disassembled.
- Adjustment of the H-dimension (1.) from 0 to 20mm.
- Lockable latches with stainless dust cover.
- Weight: without lock 40g, with lock 55g.

Materials

- **Compression lever latch:** PA, black
- **Screw and nut:** steel, zinc plated
- **Spring:** stainless steel

Remarks

2. insert the locking side in the open position
3. push the spring hook under the sheet metal
4. clip in



Compression lever latch, without lock

Part Number	Door-thickness (S)	Installation type	Delivery Unit
282-9408.00-00000	1.4 - 3.0 mm	tool-less	1 pc.
282-9410.00-00000	3.0 - 3.4 mm	tool-less	1 pc.

Compression lever latch, lockable

Part Number	Door-thickness (S)	Latching type	Installation type	Delivery Unit
282-9407.00-00000	1.4 - 3.0 mm	keyed alike DIRAK 1333	tool-less	1 pc.
282-9409.00-00000	1.4 - 3.0 mm	keyed different	tool-less	1 pc.
282-9411.00-00000	3.0 - 3.4 mm	keyed alike DIRAK 1333	tool-less	1 pc.
282-9412.00-00000	3.0 - 3.4 mm	keyed different	tool-less	1 pc.

Accessories
a) 202-1001.00-00000 Screw with rubber bumper



all product details
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IP
66

RoHS
WEEE



Advantages

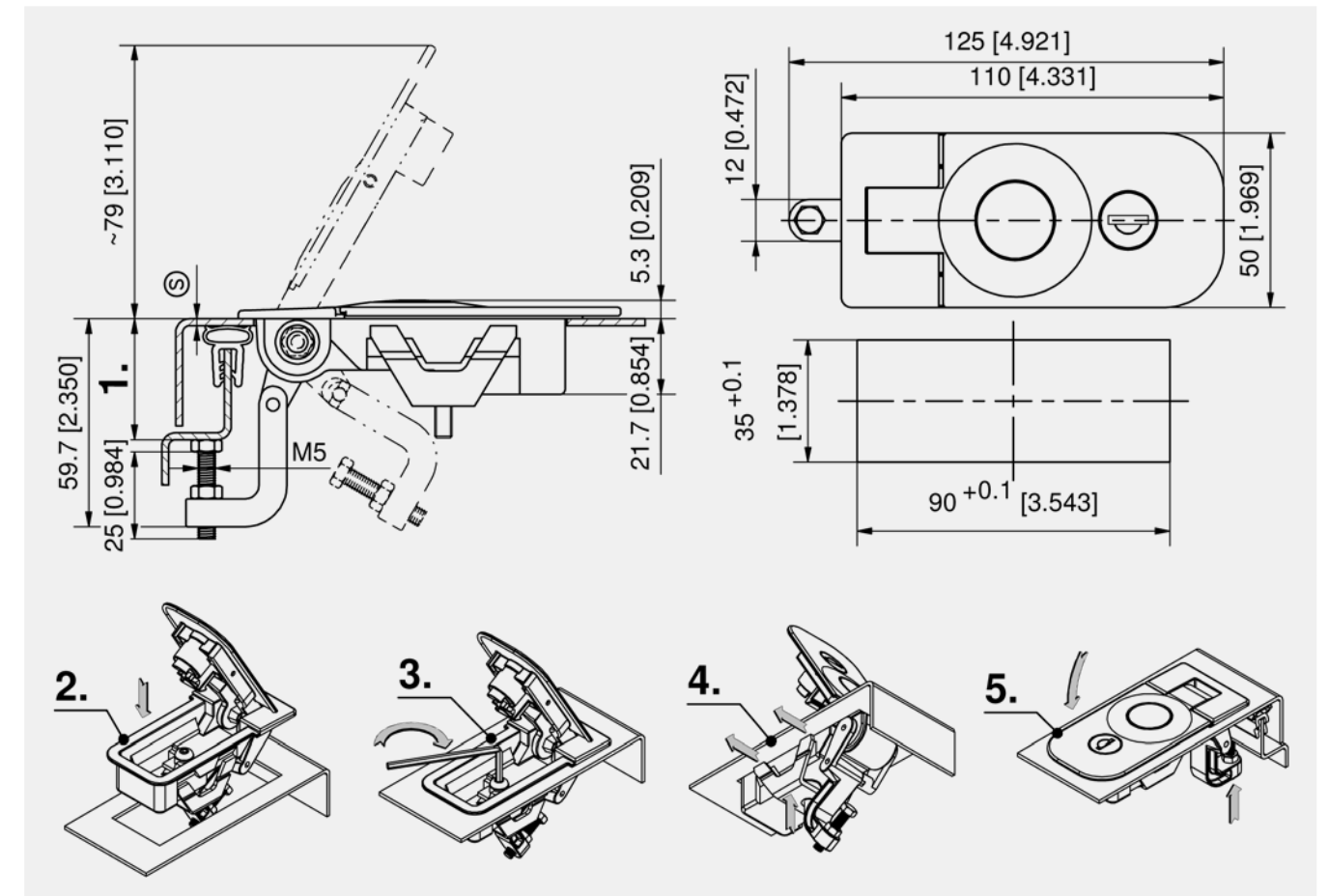
- Flat compression lever latch with handle plate and release button.
- Including pre-assembled mounting bracket.
- No rear access needed for assembly.
- No loose parts.
- In closed position the latch cannot be disassembled.
- Easy adjustment of the H-dimension from 31 to 43mm (1.)
- Seismic-proof according to GR-63-CORE, Issue 4.
- IP66 according to DIN EN 60529.
- Foamed sealing (captive).

Materials

- **Compression lever latch:** zinc die, black textured powder coated
- **Mounting bracket and screw:** steel, zinc plated

Remarks

- (S) Door-thickness max. 3.2mm
1. H-dimension
 2. the complete latch can be installed in the cutout from the front.
 3. by turning the screw (socket hex. SW3) from the outside, the mounting bracket spreads and fixes the latch in the door panel.
 4. the latch is securely fastened by the mounting bracket in the cutout.
 5. by closing the lever the door is pulled against the frame.



Compression lever latch, lockable

Part Number	Latching type	Installation type	Delivery Unit
353-2052.00-00001	keyed alike DIRAK 1333	screw-on	1 pc.



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Advantages

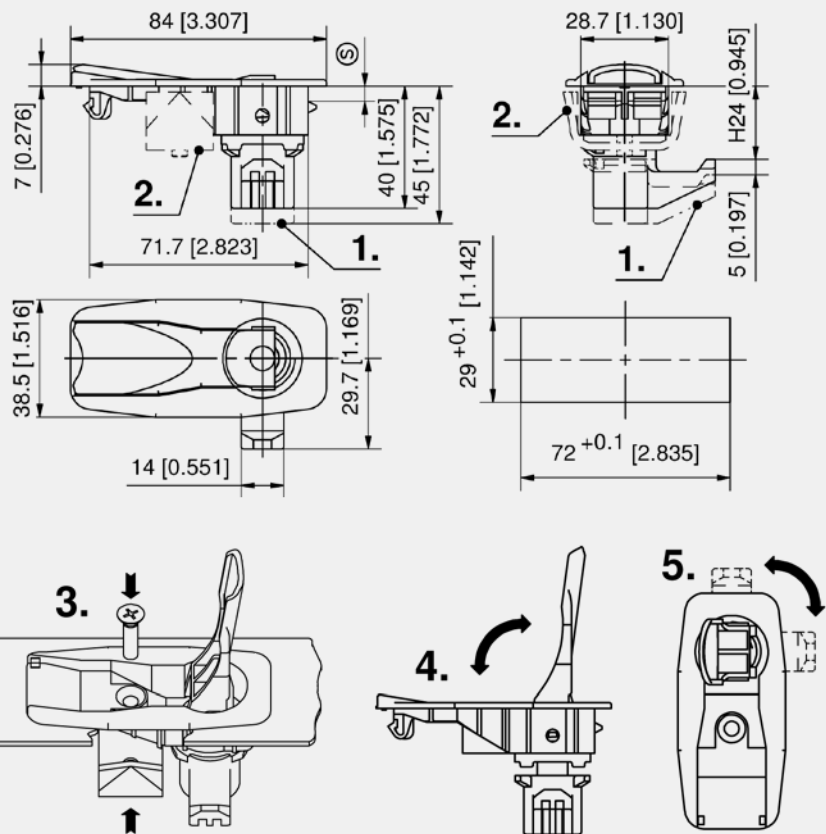
- Clip-in, lever actuation compression latch.
- Release = lift lever and turn.
- Close = turn and fold lever down.
- When closed, the cam is held in place using detents.
- **Clip-in version**
- (S) -dimension of 5 to 5.5mm.
- The latch comes pre-assembled and can be installed into the cutout.
- **Screw-on version**
- With the bridge and a M5 x 20 countersunk screw, a (S) -dimension of 0 to 3.5 mm can be achieved.

Materials

- **Compression latch:** PA, black
- **Spring:** spring steel
- **Pin, bridge and screw:** steel, zinc plated

Remarks

- Stroke 24mm
1. compression 5mm
 2. fastening bridge
 3. installation situation with bridge
 4. decompress
 5. cam open / closed



Compression latch, clip-in version

Part Number	Version	Installation type	Delivery Unit
282-9008.00-00000	LH door	tool-less	1 pc.
282-9009.00-00000	RH door	tool-less	1 pc.

Compression latch, screw-on version

Part Number	Version	Installation type	Delivery Unit
282-9010.00-00000	LH door	screw-on	1 pc.
282-9011.00-00000	RH door	screw-on	1 pc.



Slam Latch

See page 421



IP
65RoHS
WEEE**Advantages**

- **Version a):** the H-dimension can be adjusted on the square threaded rod with the included nuts by +/- 20mm.
- Use of cams c).
- **Version b):** the H-dimension can be varied via the cranking of the cams.
- Use of cams d).
- The cams can be installed in four positions by rotating them 90°.
- IP65 according to DIN EN 60529 with flat seal (optional).

Materials

- **Compression latch:** zinc die, black or zinc plated
- **Square threaded rod, shaft and cams:** steel, zinc plated

Remarks

- Installation with blind rivets or screws.
1. compression 7mm
 2. open position
 3. cam behind the locking surface
 4. by folding of the handle the cam is tightened at the locking surface
 5. lockable with padlock

d) Cam (e.g. L=45mm/1.772inch)

Frame size H at TS max.	42/1.654	62/2.441	82/3.228	102/4.016	Part No.
	32/1.260	52/2.047	72/2.835	92/3.622	200-0404
	34/1.339	54/2.126	74/2.913	94/3.701	200-0406
	36/1.417	56/2.205	76/2.992	96/3.780	200-0408
	38/1.496	58/2.283	78/3.071	98/3.858	200-0410
	41/1.614	61/2.402	81/3.189	101/3.976	200-0413
	42/1.654	62/2.441	82/3.228	102/4.016	200-0414
	44/1.732	64/2.520	84/3.307	104/4.094	200-0416
	46/1.811	66/2.598	86/3.386	106/4.173	200-0418
	48/1.890	68/2.677	88/3.465	108/4.252	200-0420
	50/1.969	70/2.756	90/3.543	110/4.331	200-0422
	52/2.047	72/2.835	92/3.622	112/4.409	200-0424
	54/2.216	74/2.913	94/3.701	114/4.488	200-0426

Compression latch, zinc die, black, version a)

	Part Number	Door-thickness (S)	variable H-dimension	Installation type	Delivery Unit
a)	200-9935.00-00000	max. 50 mm	30 - 60 mm	screw-on	10 pcs.
a)	200-9936.00-00000	max. 70 mm	50 - 80 mm	screw-on	10 pcs.
a)	200-9937.00-00000	max. 90 mm	70 - 100 mm	screw-on	10 pcs.
a)	200-9938.00-00000	max. 110 mm	90 - 120 mm	screw-on	10 pcs.

Compression latch, zinc die, zinc plated, version a)

	Part Number	Door-thickness (S)	variable H-dimension	Installation type	Delivery Unit
a)	200-9939.00-00000	max. 50 mm	30 - 60 mm	screw-on	10 pcs.
a)	200-9940.00-00000	max. 70 mm	50 - 80 mm	screw-on	10 pcs.
a)	200-9941.00-00000	max. 90 mm	70 - 100 mm	screw-on	10 pcs.
a)	200-9942.00-00000	max. 110 mm	90 - 120 mm	screw-on	10 pcs.

Compression latch, zinc die, black, version b)

	Part Number	Door-thickness (S)	variable H-dimension	Installation type	Delivery Unit
b)	200-9916.00-00000	max. 42 mm	32 - 54 mm	screw-on	10 pcs.
b)	200-9918.00-00000	max. 62 mm	52 - 74 mm	screw-on	10 pcs.
b)	200-9920.00-00000	max. 82 mm	72 - 94 mm	screw-on	10 pcs.
b)	200-9922.00-00000	max. 102 mm	92 - 114 mm	screw-on	10 pcs.

Compression latch, zinc die, zinc plated, version b)

	Part Number	Door-thickness (S)	variable H-dimension	Installation type	Delivery Unit
b)	200-9926.00-00000	max. 42 mm	32 - 54 mm	screw-on	10 pcs.
b)	200-9928.00-00000	max. 62 mm	52 - 74 mm	screw-on	10 pcs.
b)	200-9930.00-00000	max. 82 mm	72 - 94 mm	screw-on	10 pcs.
b)	200-9932.00-00000	max. 102 mm	92 - 114 mm	screw-on	10 pcs.

Cam, straight

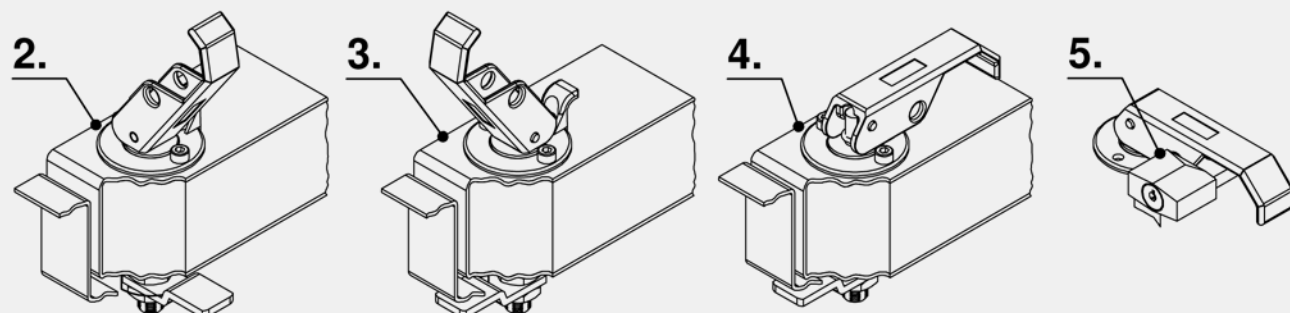
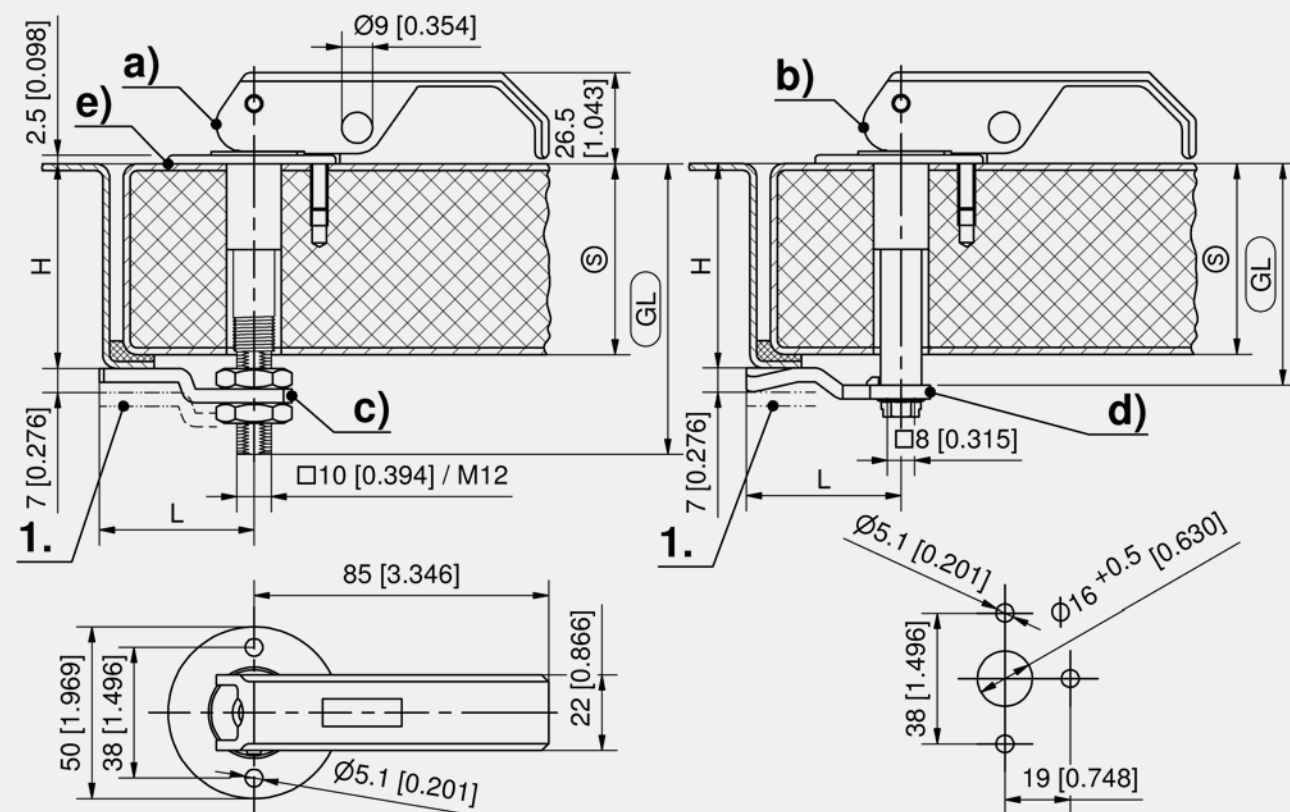
	Part Number	Length	Delivery Unit
c)	200-5508.00-00045	45 mm	10 pcs.
c)	200-5508.00-00060	60 mm	10 pcs.
c)	200-5508.00-00065	65 mm	10 pcs.

Cam, cranked

	Part Number	Length	Delivery Unit
c)	200-5507.00-00045	45 mm	10 pcs.
c)	200-5507.00-00060	60 mm	10 pcs.

**Accessories**

- d) 154, 292 1-102 Cams L35/45 Steel
- d) 161 1-262 Cams variable
- e) 200-0902.00-00000 Flat external seal Ø17mm / 22mm





IP 69K

RoHS WEEE



Advantages

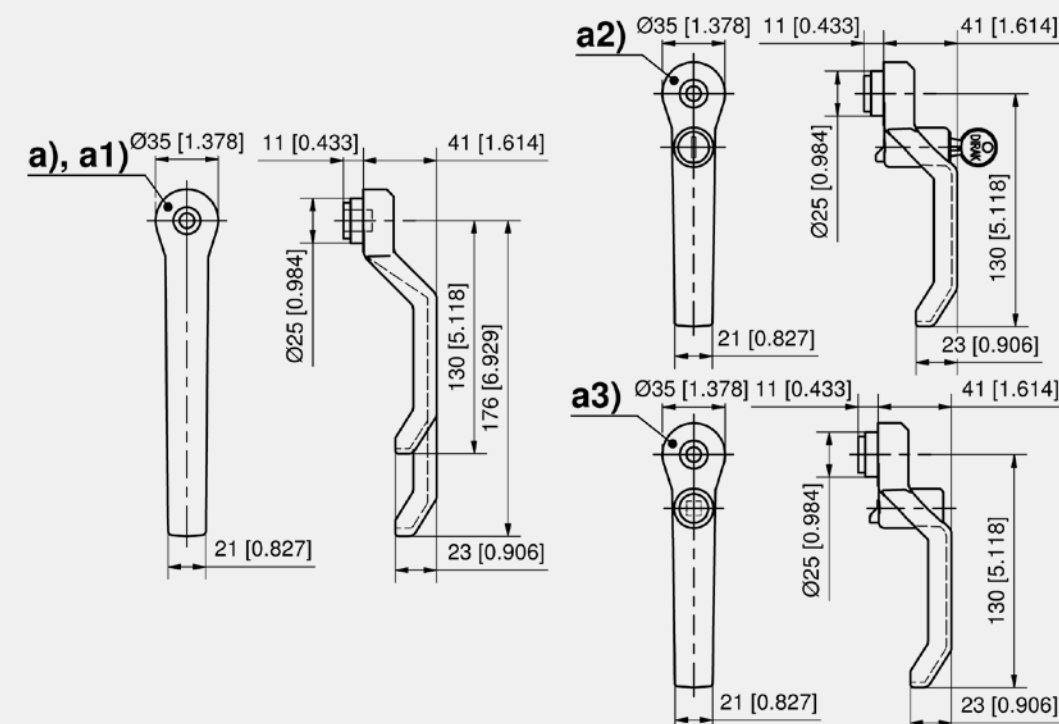
- Handle outside.
- Without lock, with cylinder barrel or insert.
- Suitable for different door-thicknesses.
- Lockable handles, keyed alike, are equipped with stainless steel dust-shutter.
- IP69K according to DIN 40050 by sealing kit.

Materials

- a), a2) and a3)
- **Handle:** PA, black
- a1)
- **Handle:** PA, black / steel, zinc plated
- a3)
- **Insert:** zinc die, chrome plated

Remarks

(S) Door-thickness see product system 6-280.02
Cutout see product system 6-280.05.
Sealing kits see product system 6-280.05.
Fastening with cylinder head screws M8.



Handle outside, without lock

	Part Number	Handle length	Version	Delivery Unit
a)	232-0201.00-00000	130 mm		1 pc.
a)	232-0202.00-00000	176 mm		1 pc.
a1)	232-0207.00-00000	130 mm	with steel core	1 pc.
a1)	232-0208.00-00000	176 mm	with steel core	1 pc.

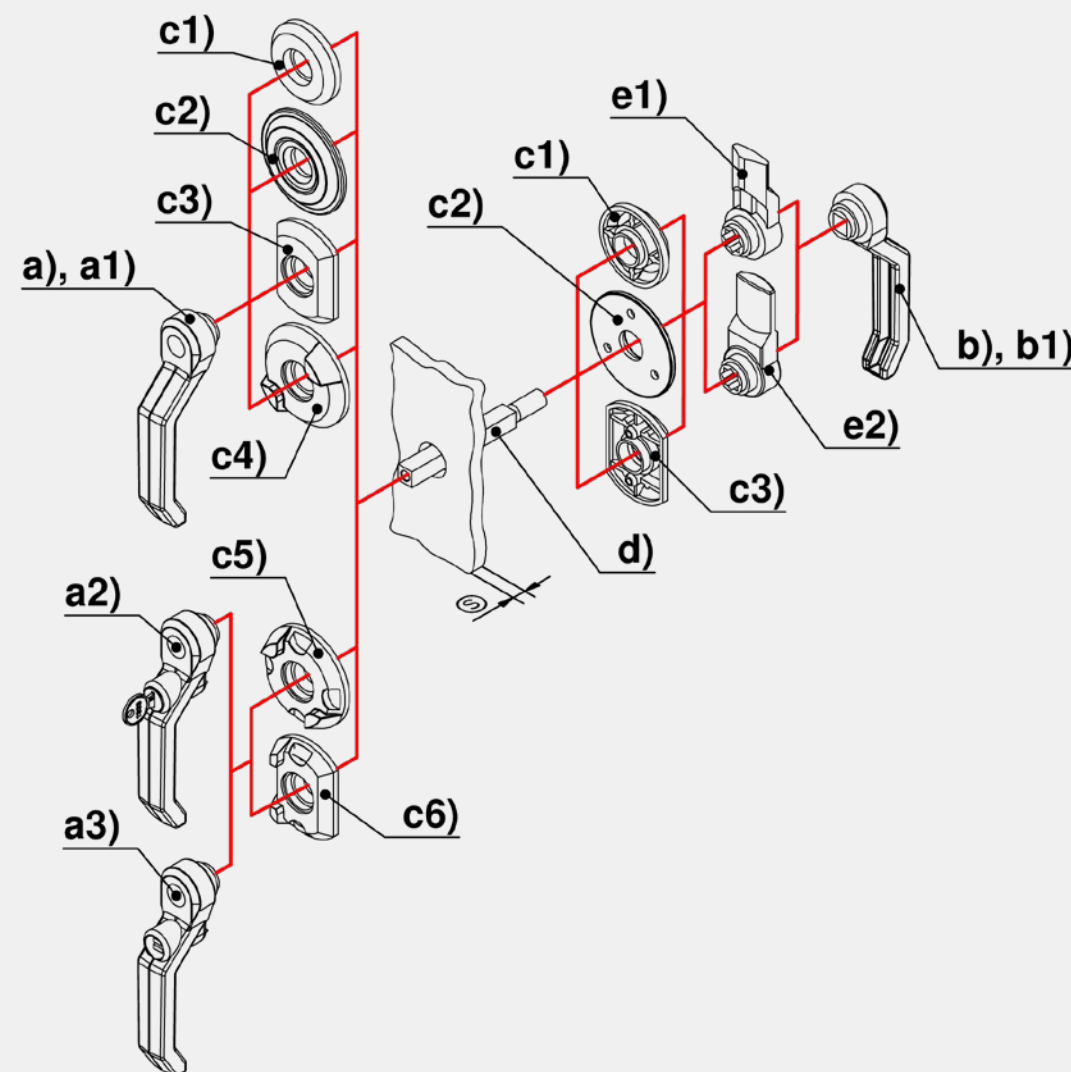
Handle outside, with cylinder

	Part Number	Handle length	Latching type	Delivery Unit
a2)	232-9303.00-00000	130 mm	keyed alike DIRAK 1333	1 pc.
a2)	532-9303.00-00000	130 mm	keyed alike DS200	1 pc.
a2)	232-9304.00-00000	130 mm	keyed different	1 pc.

Handle outside, with insert

	Part Number	Handle length	Insert	Delivery Unit
a3)	232-9401.00-00000	130 mm	Square 6mm	1 pc.
a3)	232-9402.00-00000	130 mm	Square 7mm	1 pc.
a3)	232-9403.00-00000	130 mm	Square 8mm	1 pc.
a3)	232-9404.00-00000	130 mm	Square 8mm, slotted	1 pc.
a3)	232-9405.00-00000	130 mm	Triangular 6.5mm CNOMO	1 pc.
a3)	232-9406.00-00000	130 mm	Triangular 7mm	1 pc.
a3)	232-9407.00-00000	130 mm	Triangular 8mm	1 pc.
a3)	232-9408.00-00000	130 mm	Triangular 6.5mm CNOMO	1 pc.
a3)	232-9409.00-00000	130 mm	Double bit 3mm pin	1 pc.
a3)	232-9410.00-00000	130 mm	Double bit 5mm pin	1 pc.
a3)	232-9411.00-00000	130 mm	Socket hex. 6mm	1 pc.
a3)	232-9412.00-00000	130 mm	Socket hex. 10mm	1 pc.
a3)	232-9413.00-00000	130 mm	Square socket 6mm	1 pc.
a3)	232-9414.00-00000	130 mm	Square socket 7mm	1 pc.
a3)	232-9415.00-00000	130 mm	Square socket 8mm	1 pc.
a3)	232-9416.00-00000	130 mm	Daimler Benz type	1 pc.
a3)	232-9417.00-00000	130 mm	Slotted 2x4mm	1 pc.
a3)	232-9418.00-00000	130 mm	Crown type key	1 pc.
a3)	232-9419.00-00000	130 mm	Slotted insert	1 pc.
a3)	232-9420.00-00000	130 mm	Half-round czech	1 pc.

	Specific accessories
b)-b1)	460 6-280.01 Handle Inside, for Heavy Duty Latch System
c1)-c6)	464 6-280.05 Bezels for Heavy Duty Latches
d)	461 6-280.02 Shafts for Heavy Duty Latches
e1)-e2)	462 6-280.03 Cams for Heavy Duty Latches
f1)-f3)	463 6-280.04 Compression Cam for Heavy Duty Latches



Handle Inside, for Heavy Duty Latch System [6-280.01]



Advantages

- Handle for opening from inside.

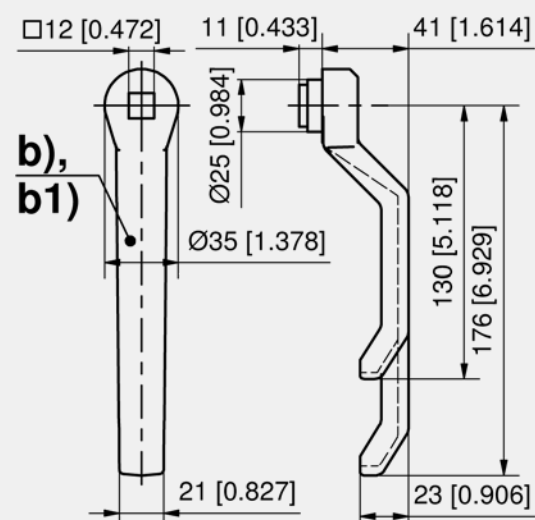
Materials

b)

■ **Handle** : PA, black

b1)

■ **Handle:** PA, black / steel, zinc plated



Handle inside

	Part Number	Handle length	Material	Installation type	Delivery Unit
b)	232-0301.00-00000	130 mm	PA	attachable on shaft 12x12	1 pc.
b)	232-0302.00-00000	176 mm	PA	attachable on shaft 12x12	1 pc.
b1)	232-0303.00-00000	130 mm	PA with steel core	attachable on shaft 12x12	1 pc.
b1)	232-0304.00-00000	176 mm	PA with steel core	attachable on shaft 12x12	1 pc.

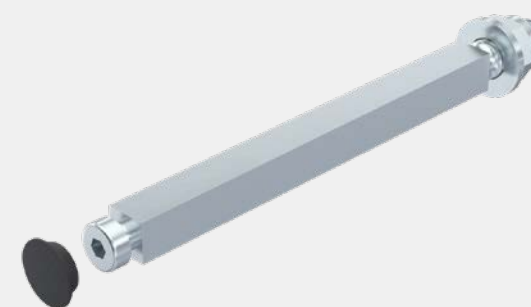


Specific accessories

458	6-280	Heavy Duty Latch System for HVAC Applications
461	6-280.02	Shafts for Heavy Duty Latches
462	6-280.03	Cams for Heavy Duty Latches
463	6-280.04	Compression Cam for Heavy Duty Latches
464	6-280.05	Bezels for Heavy Duty Latches

Shafts for Heavy Duty Latches

[6-280.02]



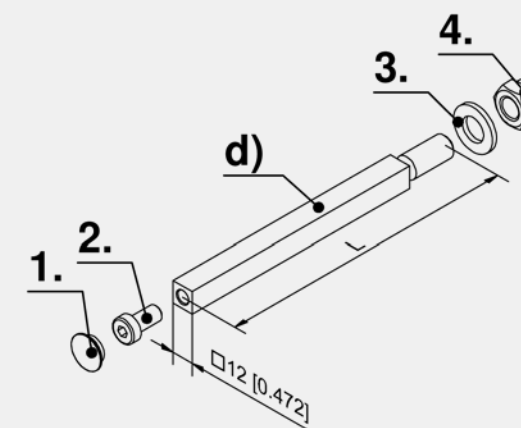
Advantages

- Shaft 12 x 12 consisting off:
- 1. cover
- 2. fastening screw at the front M8 .
- 3. washer and fastening nut inside M12.

Materials

■ 1.: PA, black

■ **2., 3., 4. and shaft:** steel, zinc plated



Shafts

	Part Number	Length	Heavy duty latch (without inside handle) door thickness (S)	Heavy duty latch with cam and inside handle door thickness (S)	Heavy duty latch with compression cam (without inside handle, with distance bushing) door thickness (S)	Heavy duty latch with compression cam and inside handle door thickness (S)	Delivery Unit
d)	232-9101.00-00000	82 mm	20 + / - 10				5 pcs.
d)	232-9102.00-00000	92 mm	30 + / - 10				5 pcs.
d)	232-9103.00-00000	102 mm	40 + / - 10				5 pcs.
d)	232-9104.00-00000	112 mm	50 + / - 10	20 + / - 5	20 + / - 5	20 + / - 5	5 pcs.
d)	232-9105.00-00000	122 mm	60 + / - 10	30 + / - 5	30 + / - 5	30 + / - 5	5 pcs.
d)	232-9106.00-00000	132 mm	70 + / - 10	40 + / - 5	40 + / - 5	40 + / - 5	5 pcs.
d)	232-9107.00-00000	142 mm	80 + / - 10	50 + / - 5	50 + / - 5	50 + / - 5	5 pcs.
d)	232-9109.00-00000	162 mm	100 + / - 10	60 + / - 5	60 + / - 5	60 + / - 5	5 pcs.
d)	232-9111.00-00000	182 mm	120 + / - 10	80 + / - 5	80 + / - 5	80 + / - 5	5 pcs.
d)	232-9111.00-00000	182 mm	120 + / - 10	100 + / - 5	100 + / - 5	100 + / - 5	5 pcs.



Specific accessories

464	6-280.05	Bezels for Heavy Duty Latches
460	6-280.01	Handle Inside, for Heavy Duty Latch System
458	6-280	Heavy Duty Latch System for HVAC Applications
462	6-280.03	Cams for Heavy Duty Latches
463	6-280.04	Compression Cam for Heavy Duty Latches



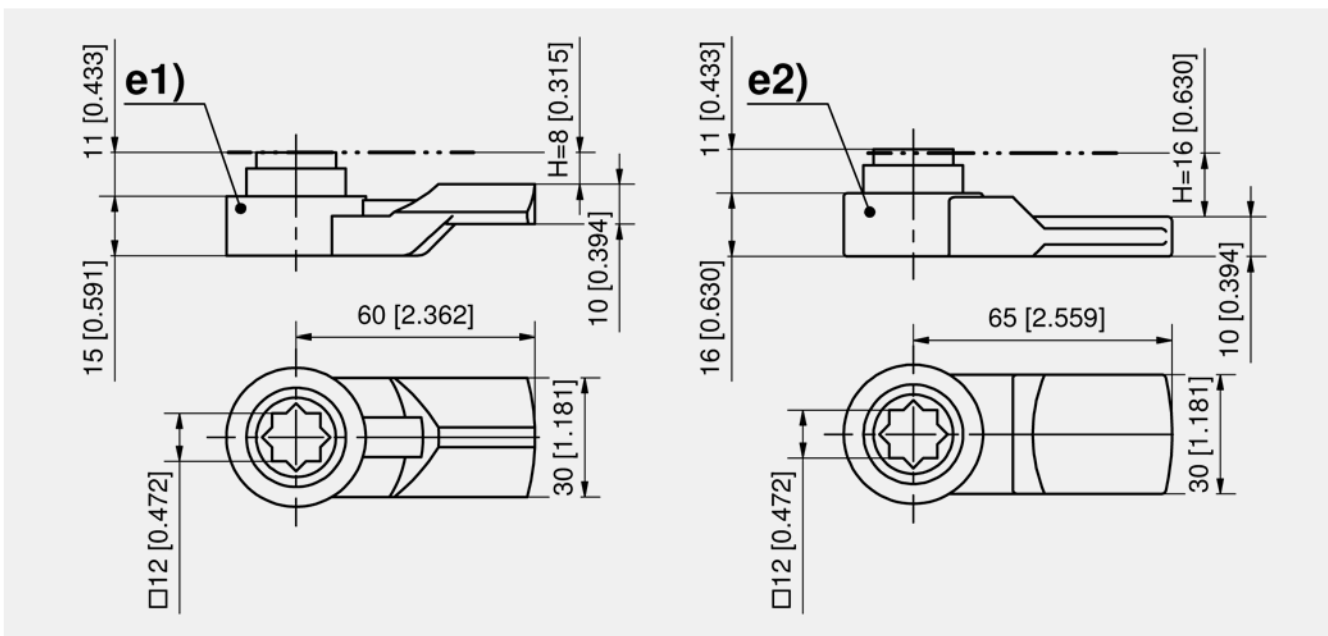


Advantages

- 8 x 45° adjustable.

Materials

- **Cams:** zinc die, zinc plated



Cams

	Part Number	Height H	Length	Delivery Unit
e1)	232-0501.00-00000	8 mm	60 mm	1 pc.
e2)	232-0502.00-00000	16 mm	65 mm	1 pc.

+	Specific accessories
464	6-280.05 Bezels for Heavy Duty Latches
460	6-280.01 Handle Inside, for Heavy Duty Latch System
458	6-280 Heavy Duty Latch System for HVAC Applications
461	6-280.02 Shafts for Heavy Duty Latches



6-280.03

all product details
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Advantages

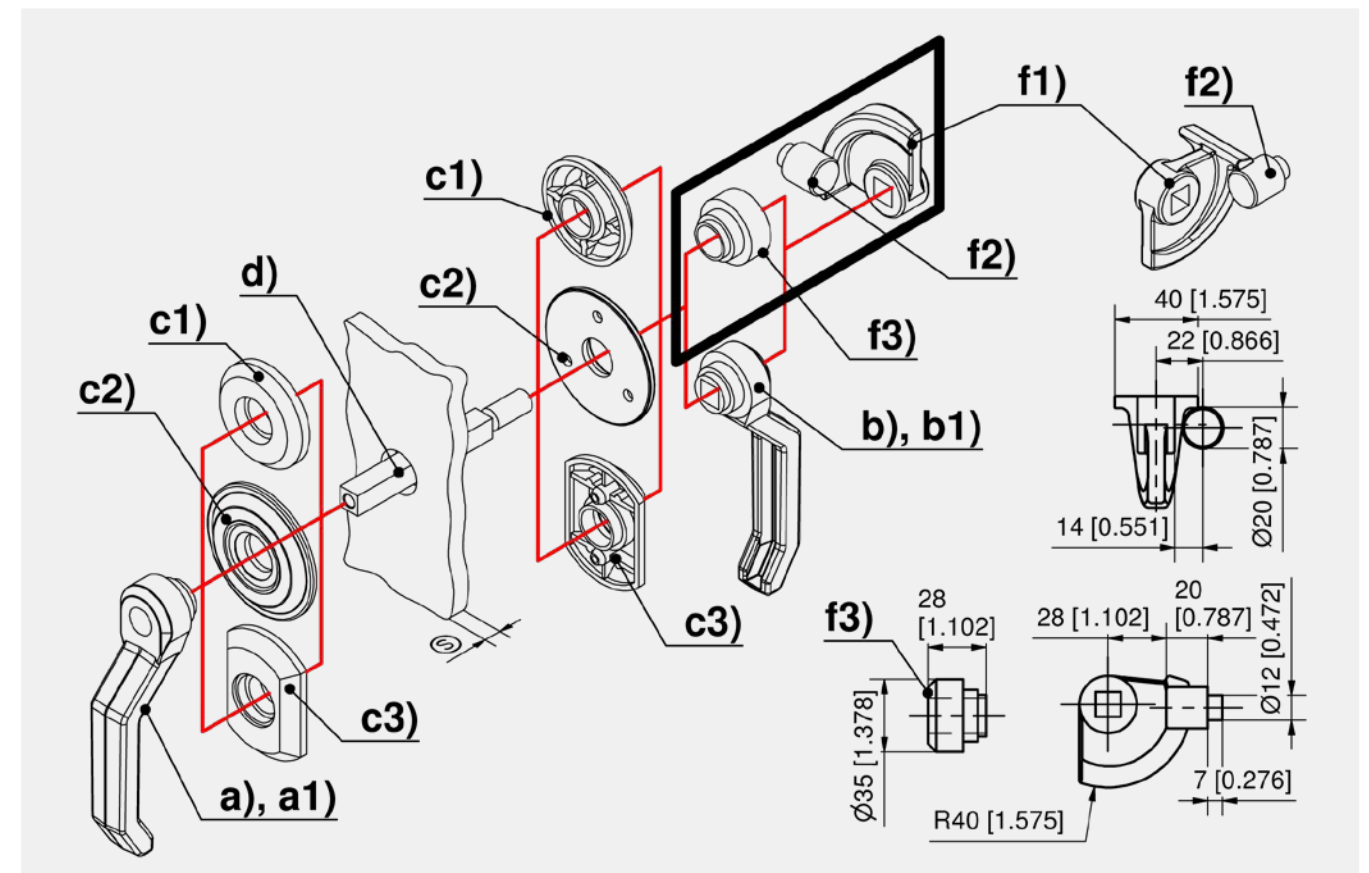
- Compression 6mm.

Materials

- **Compression cam:** aluminum, untreated
- **Locking bolt and spacer:** steel, zinc plated

Remarks

(S) see product system
6-280.02.



Compression cam and accessories

	Part Number	Name	Version	Delivery Unit
f1)	232-0601.00-00000	Compression cam		1 pc.
f2)	232-0801.00-00000	Locking bolt	suitable for compression cam	1 pc.
f3)	232-0701.00-00000	Distance bushing	when used without inside handle	1 pc.

+	Specific accessories
c1)-c6)	464 6-280.05 Bezels for Heavy Duty Latches
b)-b1)	460 6-280.01 Handle Inside, for Heavy Duty Latch System
a)-a3)	458 6-280 Heavy Duty Latch System for HVAC Applications
d)	461 6-280.02 Shafts for Heavy Duty Latches



6-280.04

all product details
on DIRAK.com

IP 65

RoHS
WEEE



Advantages

- Bezels round and oblong.
- With and without stop.
- With or without latch recesses.

Materials

- **Bezels:** PA, black or steel, zinc plated
- **Sealing kits:** EPDM / NBR, black

Remarks

- u) latch recess
- v) stop

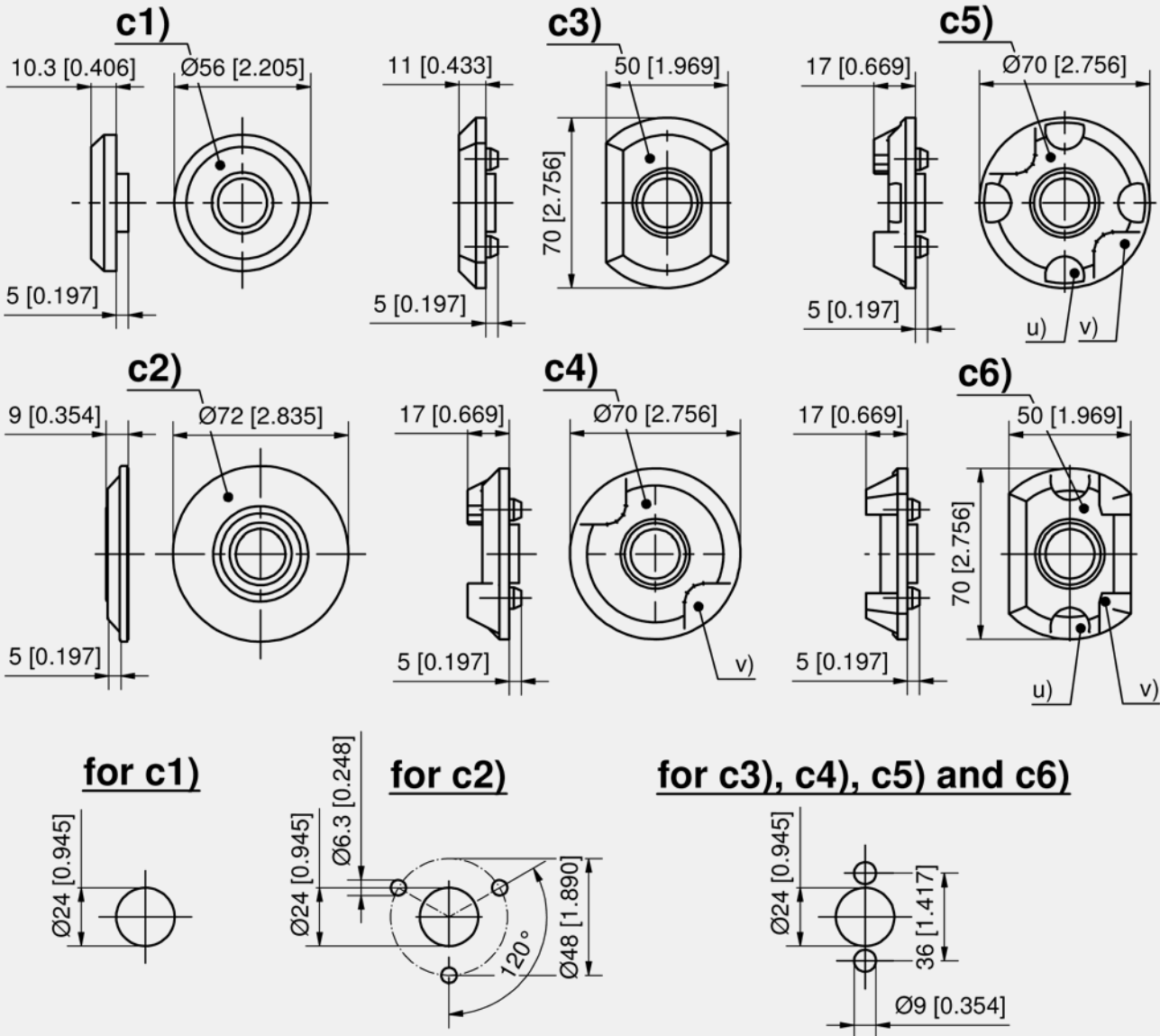
Bezels

	Part Number	Name	Version	Material	Surface	for handle	Delivery Unit
c1)	232-0401.00-00000	Bezel round	without stop	PA	black	a), a1), b), b1)	1 pc.
c2)	232-9141.00-00000	Bezel round with bearing plate	without stop, 2-part	steel	zinc plated	a), a1), b), b1)	1 pc.
c3)	232-0402.00-00000	Bezel oblong	without stop	PA	black	a), a1), b), b1)	1 pc.
c4)	232-0410.03-00000	Bezel round	stop 90°	PA	black	a), a1), b), b1)	1 pc.
c5)	232-0410.00-00001	Bezel round	stop 90°, 4 latches	PA	black	a2), a3)	1 pc.
c6)	232-0409.00-00000	Bezel oblong	stop 180°, 2 latches	PA	black	a2), a3)	1 pc.

Sealing kit

Part Number	Name	Delivery Unit
232-8710.00-01401	Sealing kit for oblong bezels	1 pc.
232-8710.00-01402	Sealing kit for round bezels	1 pc.

	Specific accessories
+	460 6-280.01 Handle Inside, for Heavy Duty Latch System
	458 6-280 Heavy Duty Latch System for HVAC Applications
	461 6-280.02 Shafts for Heavy Duty Latches
	462 6-280.03 Cams for Heavy Duty Latches
	463 6-280.04 Compression Cam for Heavy Duty Latches



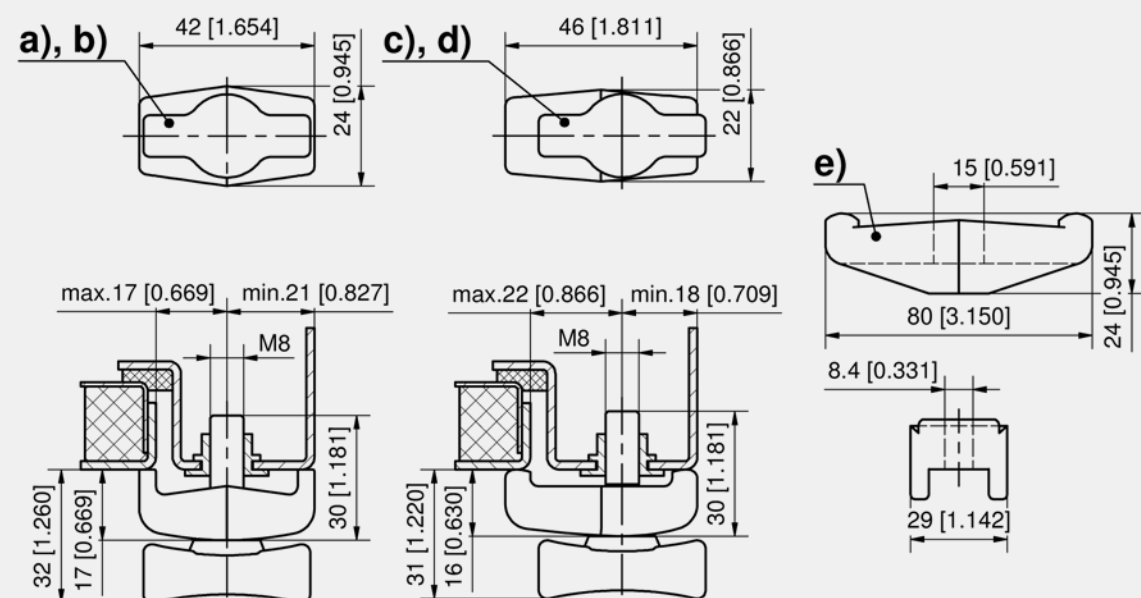


Advantages

- Application in air conditioning technology.
- b) and d) captive by o-ring.

Materials

- **Bridge clamp:** PA, black
- **Tommy screw:** PA, black / steel, zinc plated



Bridge clamp

	Part Number	Variant	Version	Installation type	Delivery Unit
a)	214-9002.00-00000	symmetrical with tommy screw M8		screw-on	10 pcs.
b)	214-9002.00-00001	symmetrical with tommy screw M8	captive	screw-on	10 pcs.
c)	214-9003.00-00000	asymmetrical with tommy screw M8		screw-on	10 pcs.
d)	214-9003.00-00001	asymmetrical with tommy screw M8	captive	screw-on	10 pcs.
e)	214-0103.03-00000	symmetrical and reinforced for clamping two doors	for cylinder head screw M8	screw-on	10 pcs.



Advantages

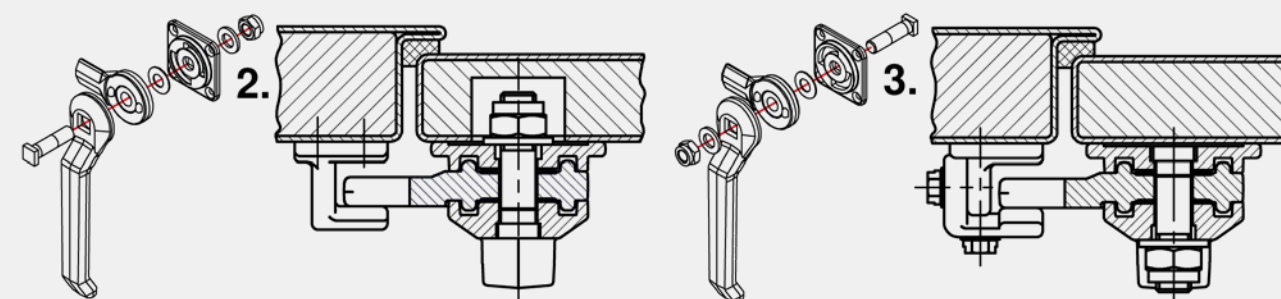
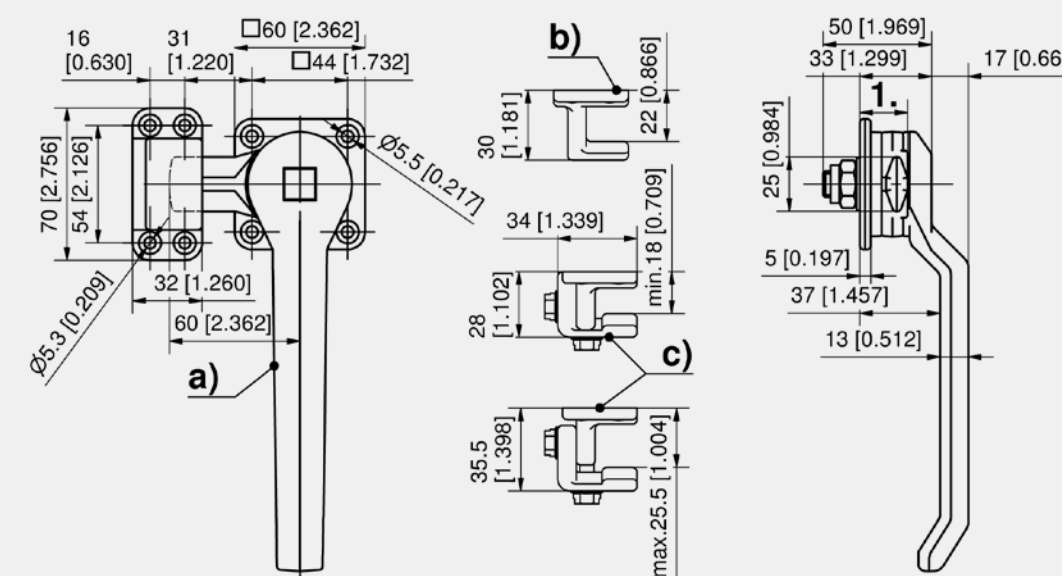
- Heavy duty handle for equipment doors.
- RH / LH application.
- Swivel movement of the handle 90°.
- Cam 45° adjustable.

Materials

- **Handle, cam, base plate and hook:** EN-GJMw-400-5
DIN EN 1562, zinc plated
- **Shaft:** steel, zinc plated

Remarks

- Hook b) fix dimension 22mm
- Hook c) adjustable from
18 - 25.5mm
1. distance dimension by turning the cam 18 - 25.5mm.
 2. nut mounted inwards, axle head flush with handle.
 3. nut mounted outwards, axle head flush with base plate.



Heavy duty latch

	Part Number	Installation type	Delivery Unit
a)	232-9001.00-00000	screw-on	1 pc.

Lock hook

	Part Number	Version	Installation type	Delivery Unit
b)	232-1201.00-00000		screw-on	1 pc.
c)	232-9201.00-00000	adjustable	screw-on	1 pc.





Advantages

- RH / LH application.
- IP65 according to DIN EN 60529.
- Big padlock eye Ø11mm.
- Version a) with fastening plate and additional fastening holes for screws Ø5mm according to DIN ISO 8677.
- Version b) with fastening plate without fastening holes.
- Height adjustment of the cams by H-dimension adjustment for cams 7-077.02 or 3-point cam adapter adjustable 2-151.01 on square threaded rod M10.

Materials

- **Handle, fastening plate, square threaded rod and padlock eye:** AISI 316
- **Flat external seal:** EPDM
- **Washer:** Teflon

Remarks

- (S) Door-thickness max. 5mm with the supplied screw M5x10
1. flat external seal
 2. cutout version a)
 3. cutout version b)
 4. and 5. the padlock eye is asymmetrical. It serves as a stop for RH (4.) / LH (5.) applications.



Advantages

- RH / LH application.
- IP65 according to DIN EN 60529.
- Big padlock eye Ø11mm.
- Version a) with fastening plate and additional fastening holes for screws Ø5mm.
- Version b) with fastening plate without fastening holes.

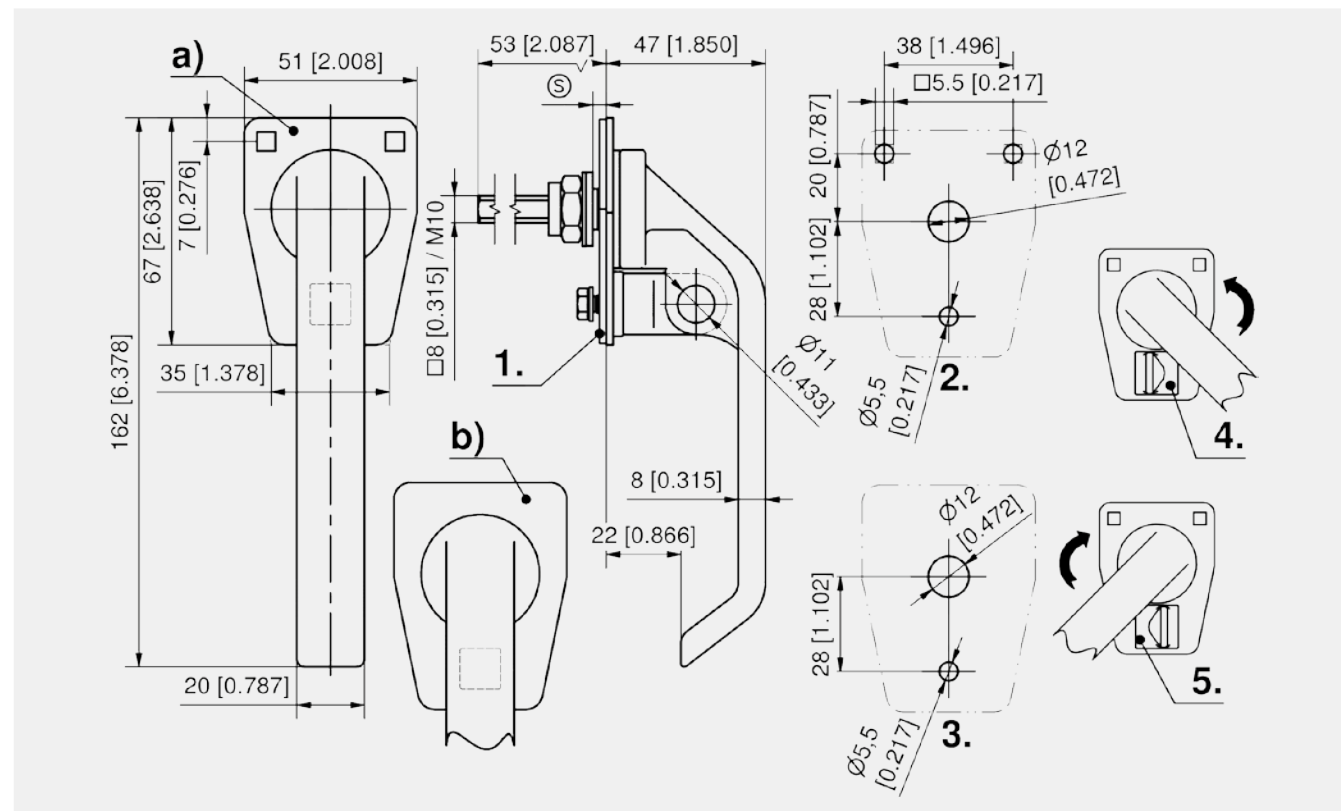
Materials

- **Handle, fastening plate, square threaded rod and padlock eye:** AISI 316
- **Flat external seal:** EPDM
- **Washer:** Teflon

Remarks

- (S) Door-thickness max. 5mm with the supplied screw M5x10
1. flat external seal
 2. cutout version a)
 3. cutout version b)
 4. and 5. the padlock eye is asymmetrical. It serves as a stop for RH (4.) / LH (5.) applications.

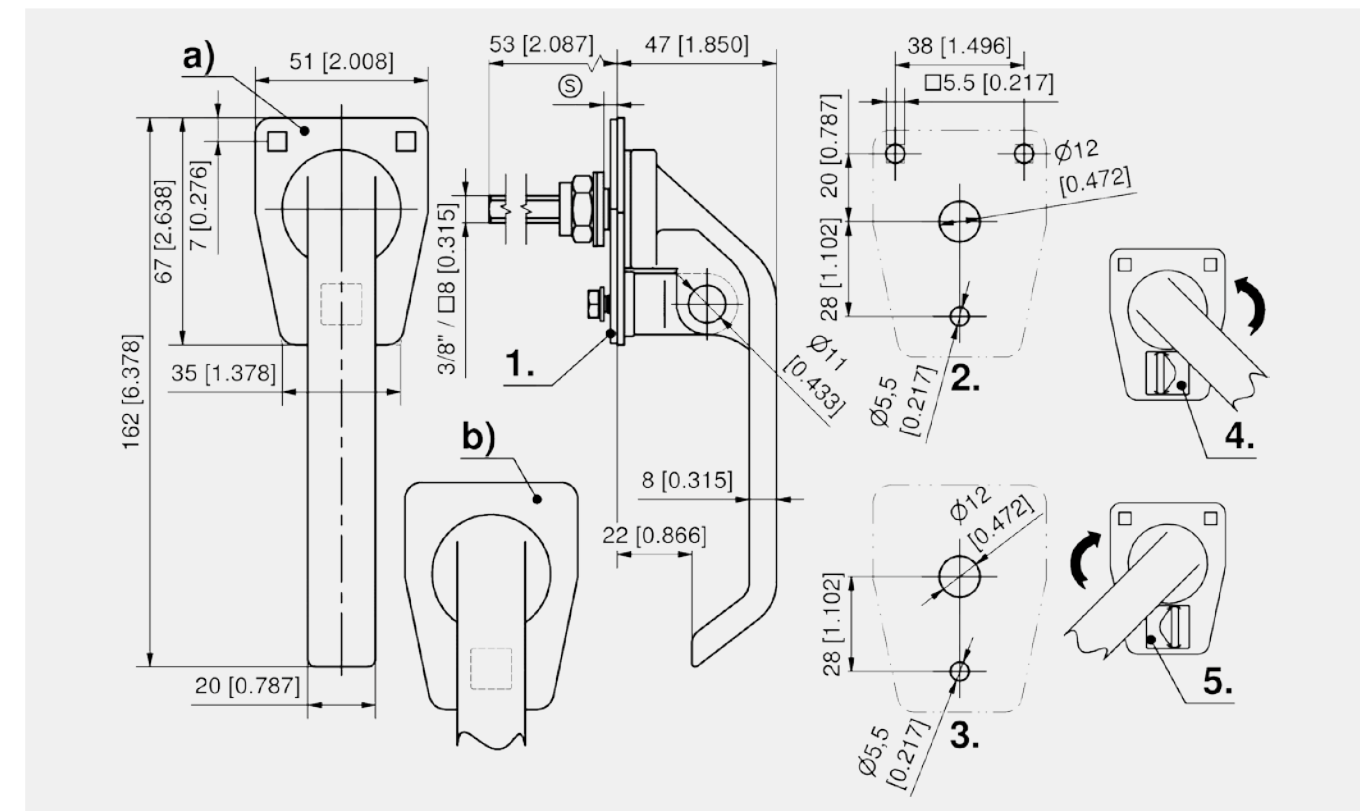
Delivery time on request!



L-handle with thread M10

	Part Number	Version	Installation type	Delivery Unit
a)	281-9006.00-00000	with fastening holes	screw-on	1 pc.
b)	281-9007.00-00000	without fastening holes	screw-on	1 pc.

+	Accessories
156	7-105 Cams L35/45 Stainless Steel
	7-077.02 H-Dimension Adjustment Stainless Steel



L-handle with thread 3/8" - 16 UNC

	Part Number	Version	Installation type	Delivery Unit
a)	281-9006.00-00001	with fastening holes	screw-on	1 pc.
b)	281-9007.00-00001	without fastening holes	screw-on	1 pc.

+	Accessories
	7-077.02 H-Dimension Adjustment Stainless Steel





Advantages

- For heavy doors.
- Both ends come ready to be connected to the handle mechanism.
- By cutting the rod, the handle mechanism can be installed in any position.

Materials

- **Handle:** aluminium
- **Bolt box, base plate, rod guides:** steel, zinc plated

Remarks

- stroke 19mm
- Includes locking bar system incl. base plate and 2 rod guides.
- Please order separately: rod one-piece



Advantages

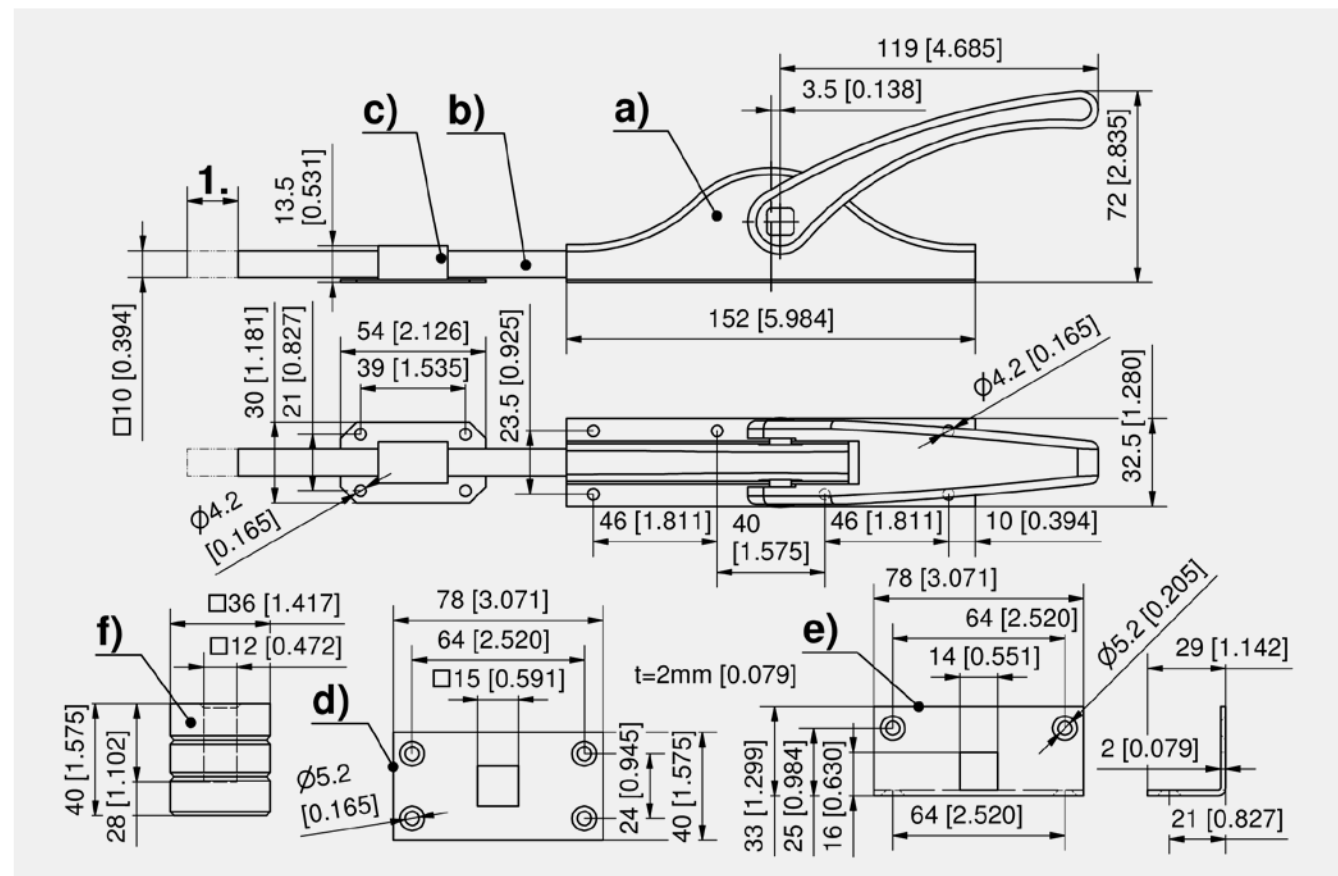
- For heavy doors.
- Both ends come ready to be connected to the handle mechanism.
- By cutting the rod, the handle mechanism can be installed in any position.

Materials

- **Handle:** aluminium
- **Bolt box, base plate, rod guides:** steel, zinc plated

Remarks

- stroke 19mm
- Includes locking bar system incl. base plate and 3 rod guides.
- Please order separately: rod one-piece.



Locking bar system incl. base plate and 2 rod guides

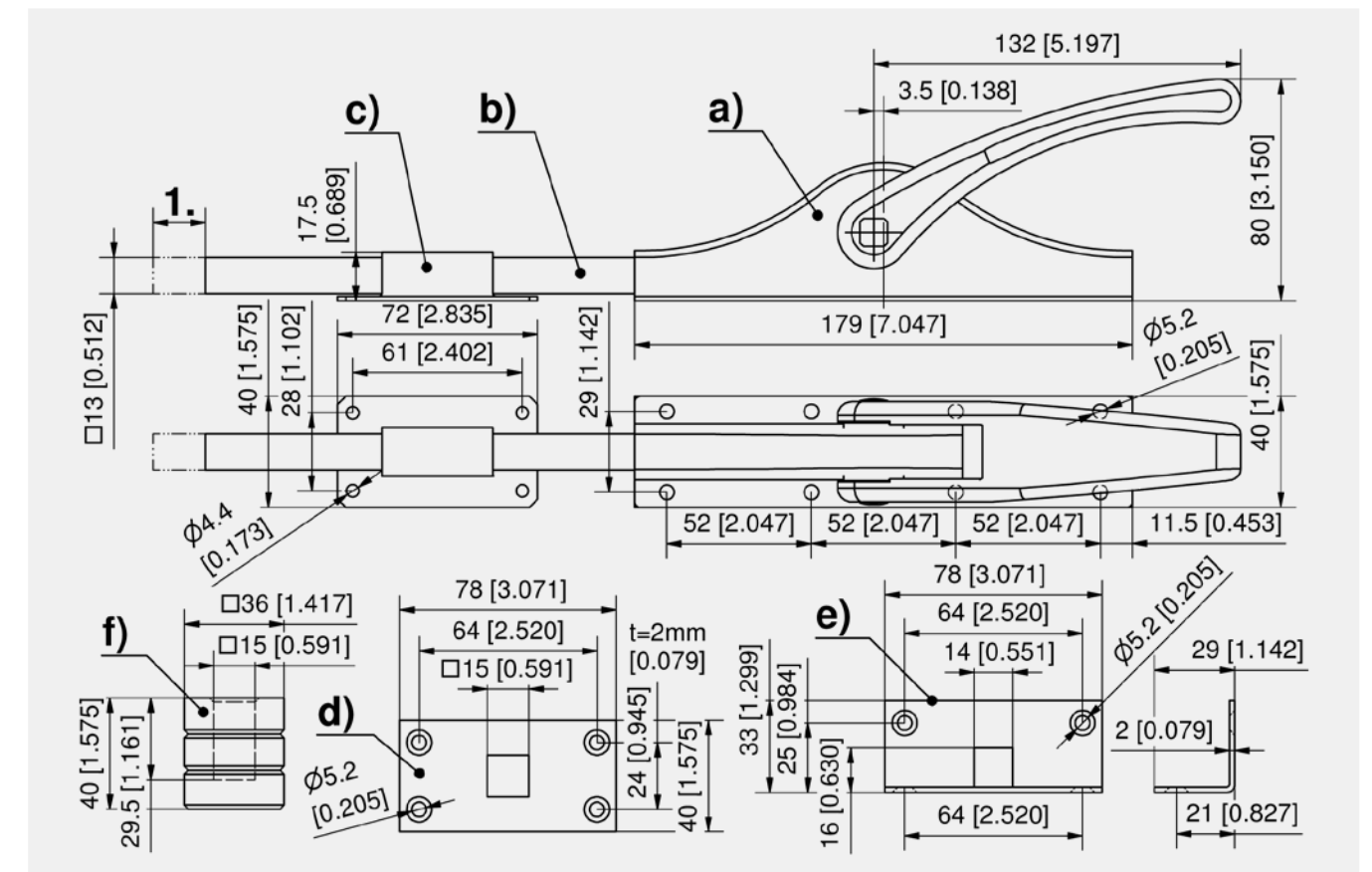
Part Number	Multi-point latches	Installation type	Delivery Unit
a) 249-9005.00-00000	Yes	screw-on	1 pc.

Accessories
b) 249-0502.00-00000 Rod for locking bar system □ 10, 2000mm
b) 249-0503.00-00000 Rod for locking bar system □ 10, 2500mm
b) 249-0504.00-00000 Rod for locking bar system □ 10, 3000mm
c) 249-0408.00-00000 Rod guide for locking bar system □ 10
d) 249-0204.00-00000 Bottom plate, straight
e) 249-0303.00-00000 Bottom plate, angled
f) 249-0601.00-00000 Bar latching bushing for concrete, 2 parts



all product details
on DIRAK.com

6-320.01



Locking bar system incl. base plate and 3 rod guides

Part Number	Multi-point latches	Installation type	Delivery Unit
a) 249-9105.00-00000	Yes	screw-on	1 pc.

Accessories
b) 249-0505.00-00000 Rod for locking bar system □ 13, 2000mm
b) 249-0506.00-00000 Rod for locking bar system □ 13, 2500mm
b) 249-0507.00-00000 Rod for locking bar system □ 13, 3000mm
c) 249-0409.00-00000 Rod guide for locking bar system □ 13
d) 249-0204.00-00000 Bottom plate, straight
e) 249-0303.00-00000 Bottom plate, angled
f) 249-0602.00-00000 Bar latching bushing for concrete, 2 parts



all product details
on DIRAK.com

6-320.02



Advantages

- For heavy doors.
- Both ends come ready to be connected to the handle mechanism.
- By cutting the rod, the handle mechanism can be installed in any position.

Materials

- **Handle:** aluminium
- **Bolt box, base plate, rod guides:** steel, zinc plated

Remarks

- 1. stroke 28mm
- Includes locking bar system incl. base plate and 4 rod guides.
- Please order separately: rod one-piece.



Advantages

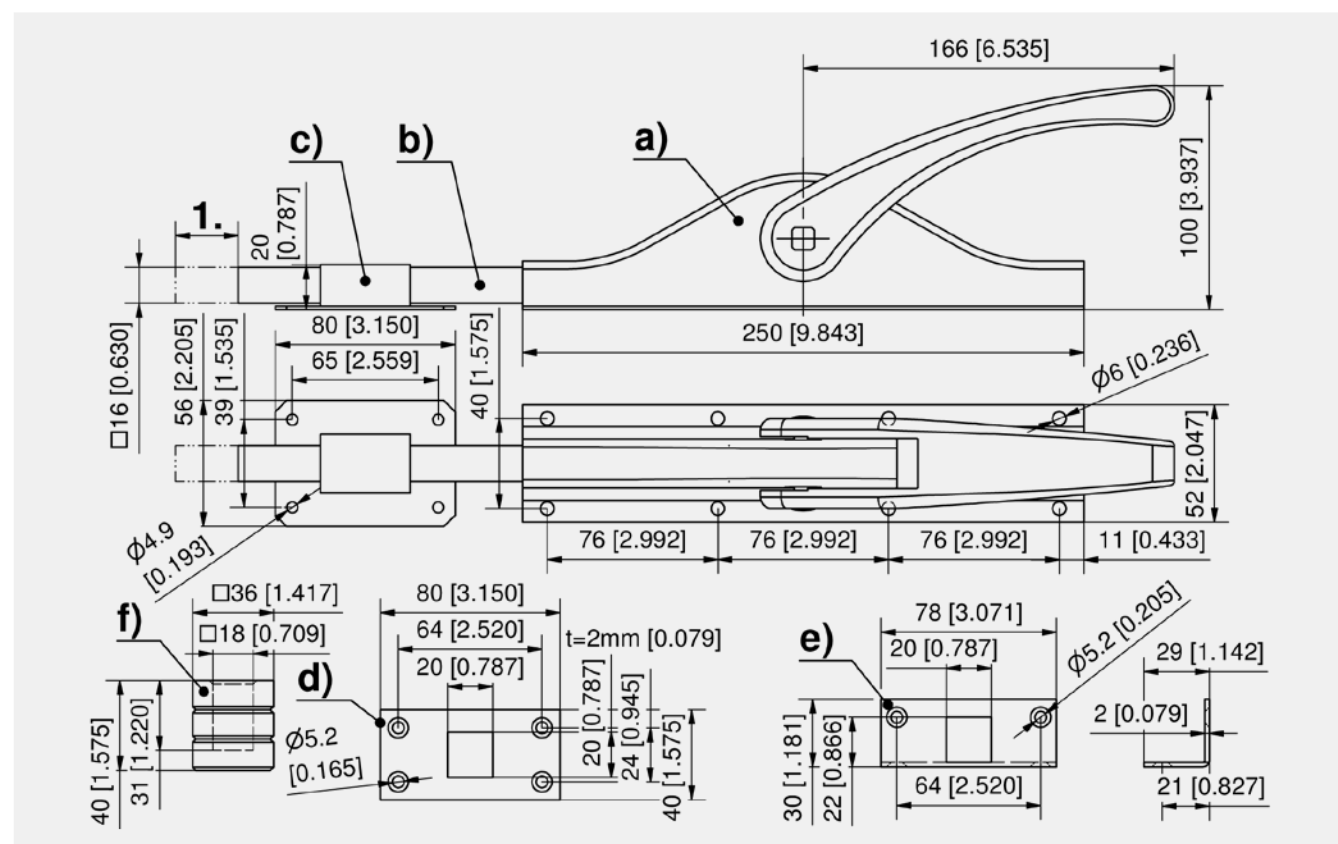
- Slam latch consists of two parts (bolt and locking element) for sliding doors.
- The door-part catches the slam-bolt and is also the limit stop for the frame-part.
- When using extruded aluminium profiles, different profile widths can be used due to oblong holes.
- Finger-tip grip allows easy opening.
- Opening by pulling the handle element.
- Self-closing by sliding the door shut.
- Both self-adhesive rectangular profiles have to be installed after assembly of the slam latch at the inner side of the locking element to absorb noise and vibrations.

Materials

- **Bolt and locking element:** zinc die, black
- **Slot nuts:** steel, zinc plated
- **Cylinder barrel:** PA, black
- **Spring:** stainless steel
- **Rectangular seal:** polyurethane, black

Remarks

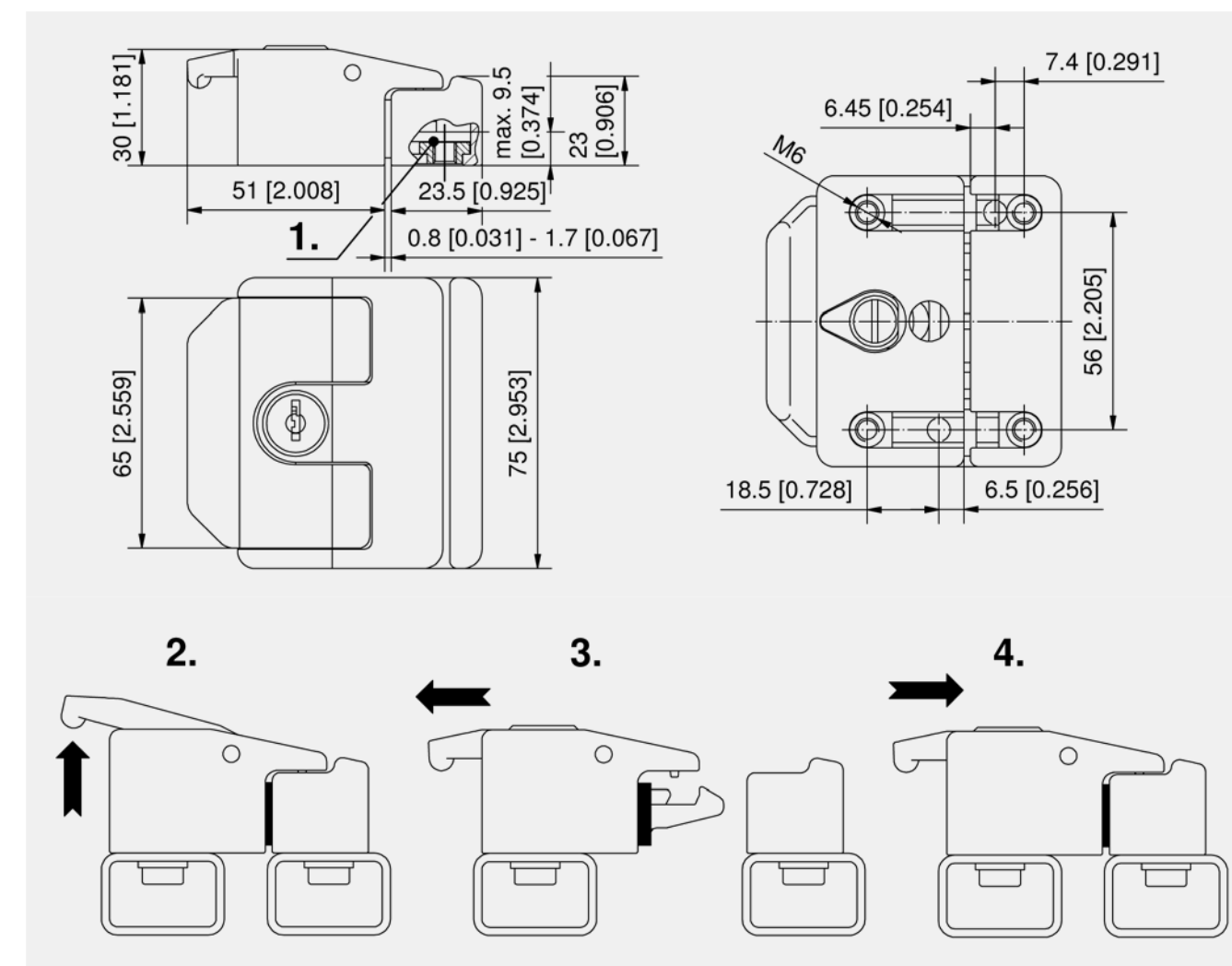
- Fastening with 4 M6 screws (e.g. DIN912) and the slot nuts included in the scope of delivery.
- 1. slot nuts
- 2. open
- 3. opened
- 4. close
- Version with cylinder barrel includes 2 keys.



Locking bar system incl. base plate and 4 rod guides

	Part Number	Multi-point latches	Installation type	Delivery Unit
a)	249-9205.00-00000	Yes	screw-on	1 pc.

+	Specific accessories
b)	249-0508.00-00000 Rod for locking bar system □ 16, 2000mm
b)	249-0509.00-00000 Rod for locking bar system □ 16, 2500mm
b)	249-0510.00-00000 Rod for locking bar system □ 16, 3000mm
c)	249-0410.00-00000 Rod guide for locking bar system □ 16
e)	249-0304.00-00000 Bottom plate, angled
f)	249-0603.00-00000 Bar latching bushing for concrete, 2 parts
d)	249-0205.00-00000 Bottom plate, straight



Slam latch for sliding door

Part Number	Latching type	Bolt with slam feature	Installation type	Delivery Unit
265-9610.00-00000	without lock, with plug	Yes	screw-on	1 pc.
265-9610.00-01333	keyed alike DIRAK 1333		screw-on	1 pc.
265-9610.00-09999	keyed different		screw-on	1 pc.





RoHS
WEEE



Advantages

- By pulling on the handle, the hooked cam with free stroke is disengaged and the lock released.
- Mechanical separation of the handle and the hooked cam.
- As handles any Ø30mm tubes in variable lengths can be used.
- The top and bottom latching devices can be used with or without hooked cam.
- For low or smaller doors, also possible with one hooked cam element.

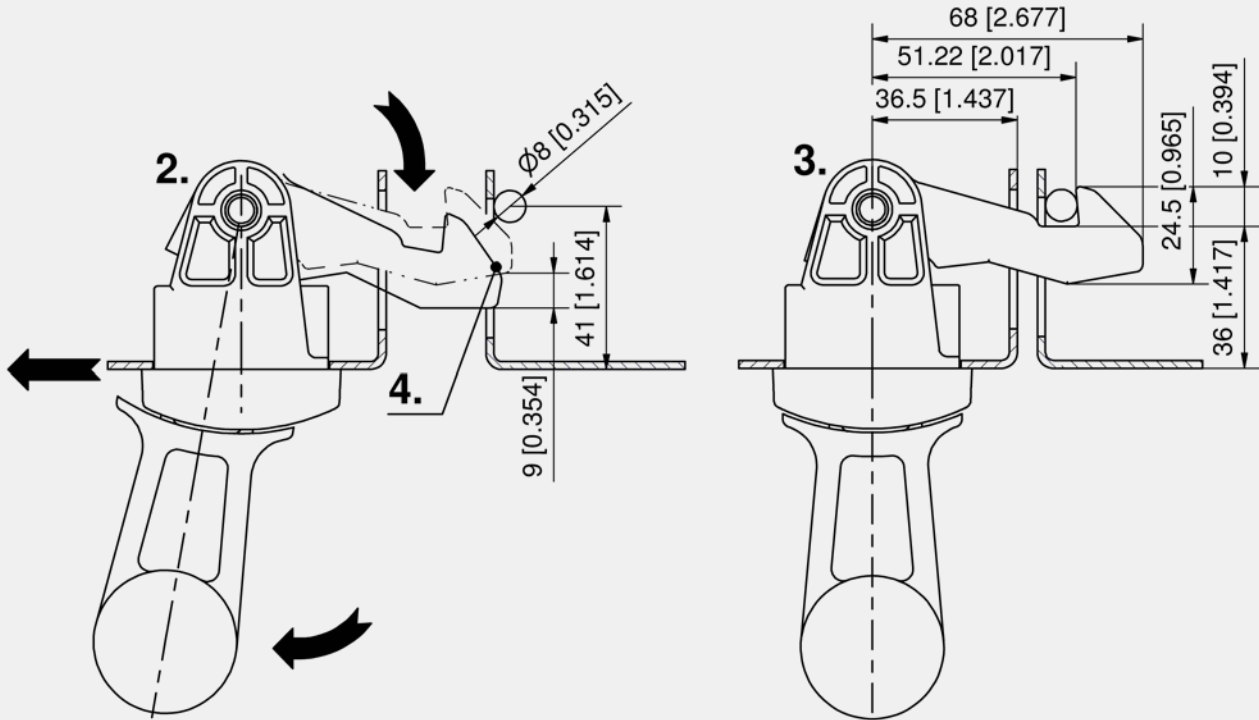
Materials

- **Tube housing:** zinc die, black
- **Pins:** brass
- **Spring:** stainless steel
- **Hooked cam:** steel, zinc plated
- **Handle-tube:** steel tube with synthetic coating, black

Remarks

1. alternative cutout
2. open position
3. closed position
4. stroke 9mm

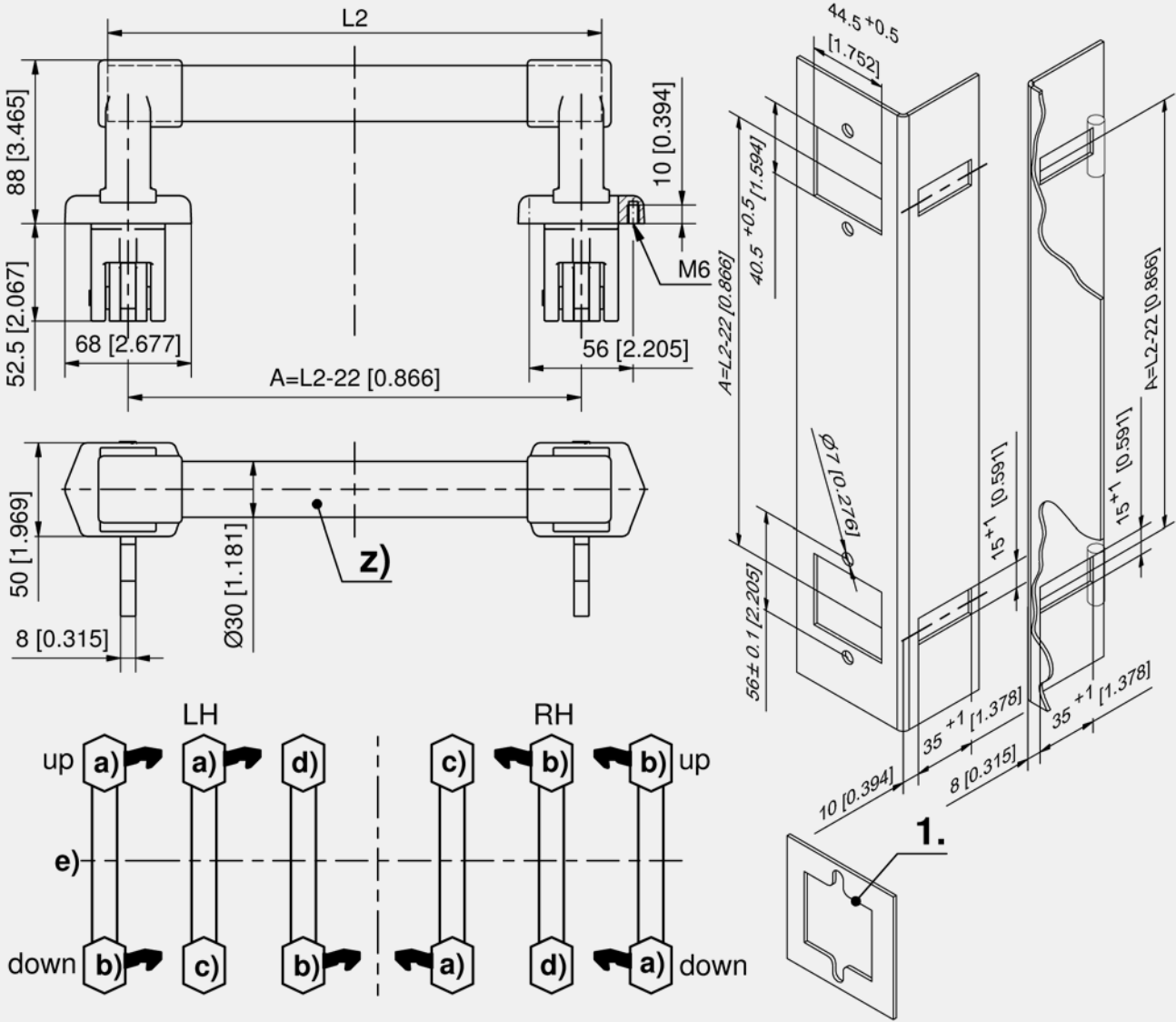
A = distance between the center of the cutouts of the endpieces.



Latching device

	Part Number	Version	Delivery Unit
a)	280-9001.00-00000	with hooked cam	1 pc.
b)	280-9002.00-00000	without hooked cam	1 pc.
c)	280-9003.00-00000	with hooked cam	1 pc.
d)	280-9004.00-00000	without hooked cam	1 pc.

+	Accessories
z)	213-0401.00-00000 Steel tube, 266mm
z)	213-0402.00-00000 Steel tube, 366mm
z)	213-0403.00-00000 Steel tube, 466mm
z)	213-0404.00-00000 Steel tube, 566mm
z)	213-0405.00-00000 Steel tube, 666mm
z)	213-0406.00-00000 Steel tube, 766mm





Advantages

- Hooked cam with free stroke.
- Version RH, hook LH.
- Version LH, hook RH.
- Opening angle of the hook 15°.

Materials

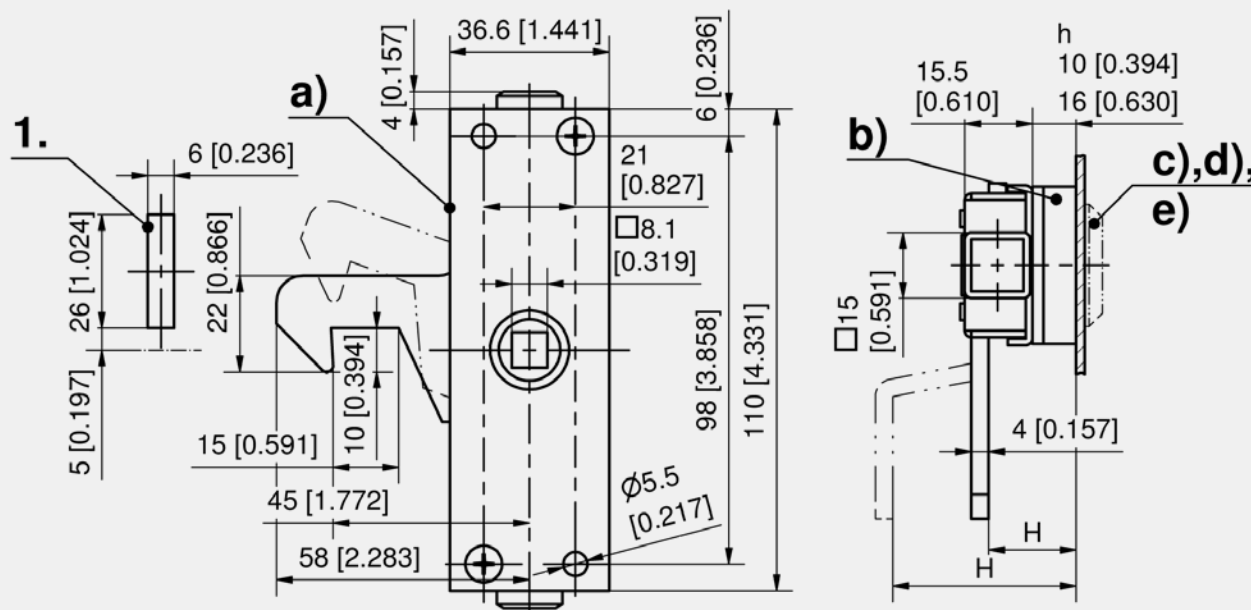
- **Sliding door latch and cam:**
steel, zinc plated
- **Plug:** PE, black

Remarks

Please order separately:
b) lock support

Please configure the sliding door latch with escutcheon and insert or T- and L-handle or with swinghandle.

- ### 1. example for frame cutout



Sliding door version LH, slide direction RH

	Part Number	H-dimension without support	H-dimension with lock support A20	H-dimension with lock support A26	Installation type	Delivery Unit
a)	235-9015.00-00000	10 mm	20 mm	26 mm	screw-on	1 pc.
a)	235-9017.00-00000	32 mm	42 mm	48 mm	screw-on	1 pc.

Sliding door version RH, slide direction LH

	Part Number	H-dimension without support	H-dimension with lock support A20	H-dimension with lock support A26	Installation type	Delivery Unit
a)	235-9016.00-00000	10 mm	20 mm	26 mm	screw-on	1 pc.
a)	235-9018.00-00000	32 mm	42 mm	48 mm	screw-on	1 pc.

	Accessories	
b)	205, 206	235-1001.00-00000 Lock support A20
b)	205, 206	235-1002.00-00000 Lock support A26
c)	212	235-9101.00-00000 Insert Square 6mm
c)	212	235-9102.00-00000 Insert square 7mm
c)	212	235-9103.00-00000 Insert square 8mm
c)	212	235-9104.00-00000 Insert triangular 6.5mm CNOMO
c)	212	235-9105.00-00000 Insert triangular 7mm

		Accessories	
c)	212	235-9106.00-00000	Insert triangular 8mm
c)	212	235-9107.00-00000	Insert double bit 3mm pin
c)	212	235-9108.00-00000	Insert double bit 5mm pin
c)	212	235-9109.00-00000	Insert Daimler Benz pin
d)	210	1-430 T- and L-Handles for Rod Latches	
e)	268	2-300 Swinghandle RS 130 for Rod Latch	



Advantages

- Very suitable for applications on 19" racks and sliding doors.
- This device can be operated by all quarter-turns L18 with insert or handles.
- The extremely positive torque ratio allows for controlling this hook-latch by a cylinder latch.
- 90° stroke.
- Latching direction is always clockwise.
- Vibration-proof.

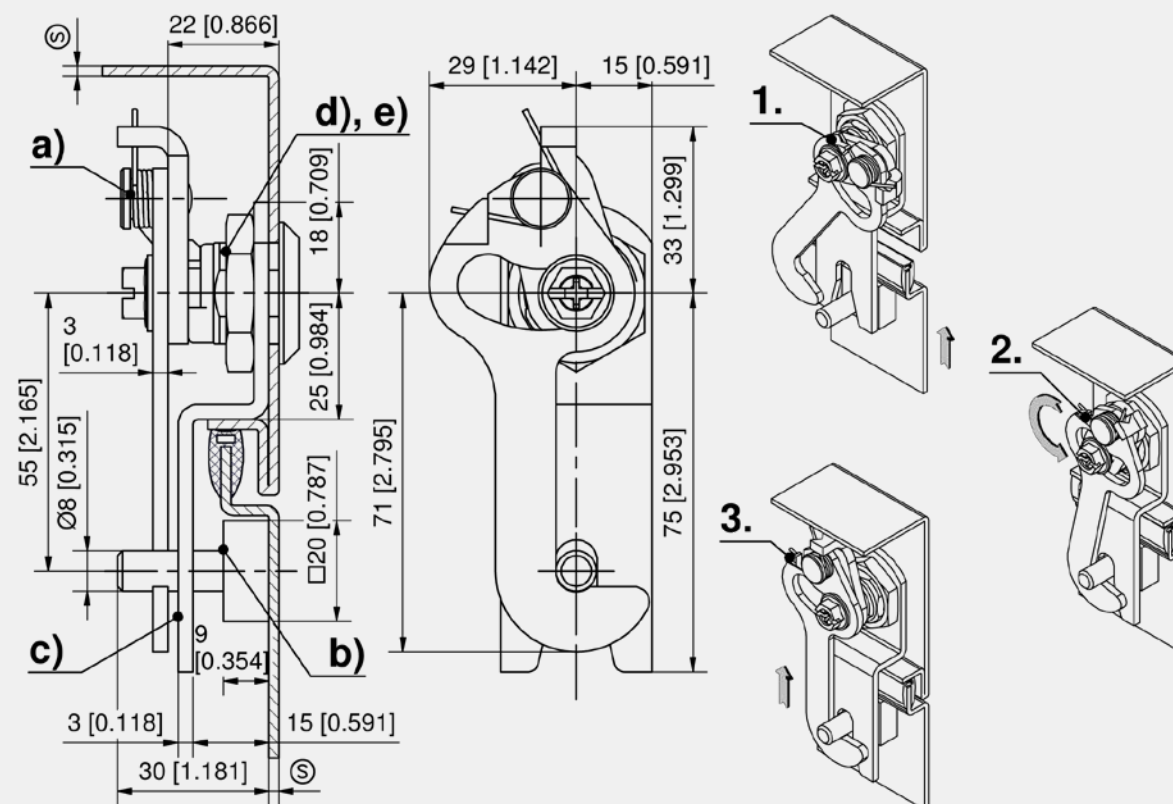
Materials

- **Pull and lock hook, locking bolt, line-up fork:** steel, zinc plated

Remarks

(S) Door-thickness 1.5 - 2.5mm

1. open position.
2. hook catches behind the locking bolt and continuing the closing rotation, the hook is then being pulled automatically against the locking bolt. The pulling stroke is 5mm.
3. at the end of rotation process the hook has a vibration proof latch behind the locking bolt.



Pull and lock hook

	Part Number	Name	Compression	Vibration-proof	Installation type	Delivery Unit
a)	200-9602.00-00000	Pull and Lock Hook	5 mm	Yes	screw-on	10 pcs.
b)	200-3704.00-00000	Locking bolt for Pull and Lock Hook		No	weld-on	10 pcs.
c)	200-3703.00-00000	Line-up fork for Pull and Lock Hook		No	screw-on	10 pcs.

		Accessories
d)	76	1-100 Quarter-Turn Pr20.1 L18
d)	75	1-100.01 Quarter-Turn Pr20.1 L18
d)	88	1-120 Cylinder Quarter-Turn Pr20.1 L18
d)	108	1-140 Quarter-Turn with T-Handle Pr20.1 L18
d)	114	1-150 Quarter-Turn with L-Handle Pr20.1 L18
e)	150	1-101 Inserts Pr20.1





Advantages

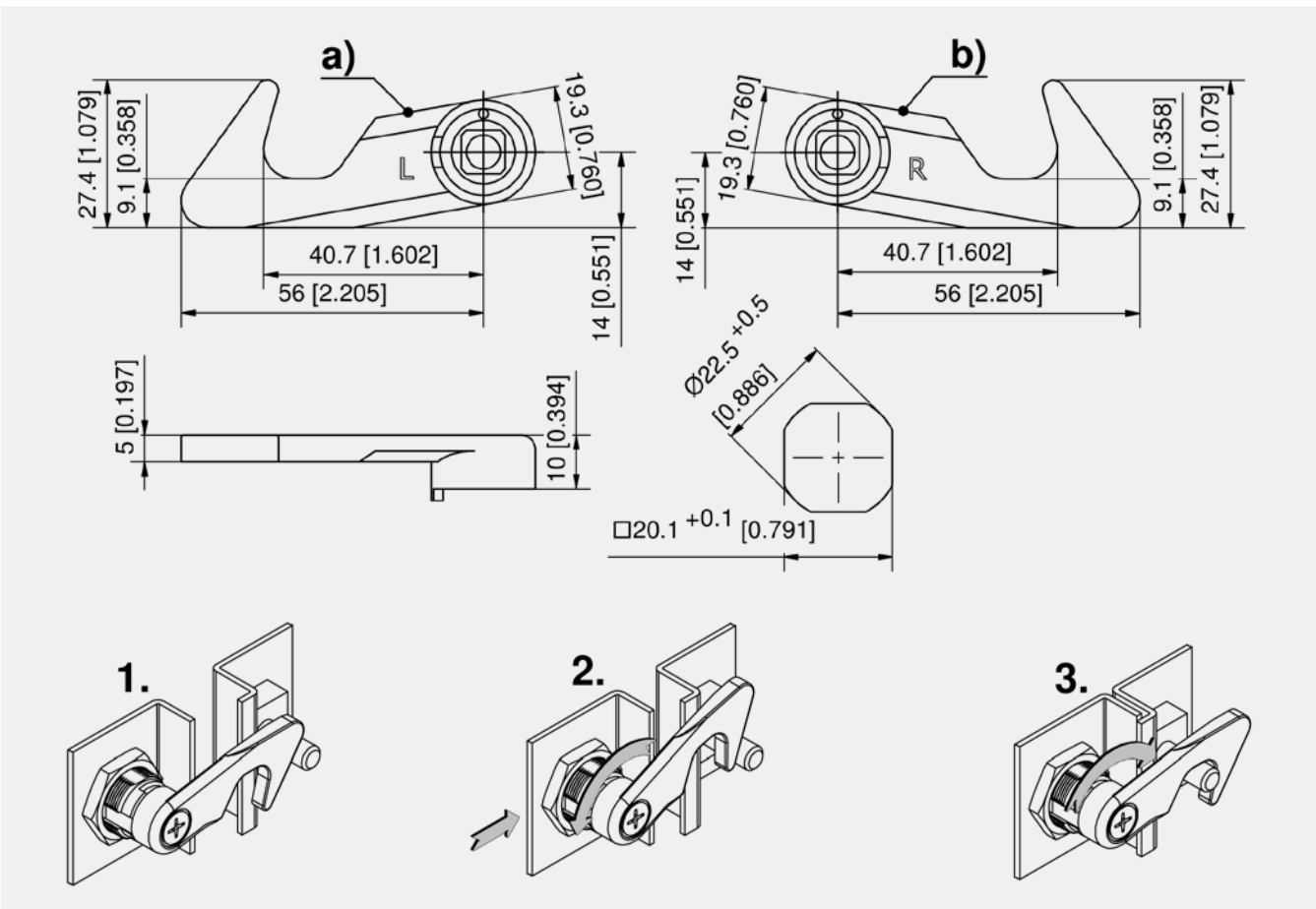
- Slam-cam for slam doors. Locking without key or tool.
- The washer adjust the correct friction for the stroke.
- A pre-assembled quarter-turn can be installed through the cutout.
- RH and LH version.

Materials

- **Slam-cam:** zinc die
- **Spring and countersunk screw:** steel, zinc plated
- **Stepped washer:** POM

Anmerkungen

Only for quarter-turns with insert.
Please order quarter-turn completely pre-assembled by DIRAK.



Slam-cam for inserts

	Part Number	Version	Installation type	Delivery Unit
a)	200-9639.00-00000	LH	screw-on	10 pcs.
b)	200-9638.00-00000	RH	screw-on	10 pcs.

+	Accessories
76	1-100 Quarter-Turn Pr20.1 L18
150	1-101 Inserts Pr20.1
477	200-3704.00-00000 Locking bolt for Pull and Lock Hook



Indexing Plunger with Handle

See page 403

