

INDUSTRIAL LOCKING SYSTEMS



MAIN CATALOGUE 2018



ROZTOCZE



▼ energy



▼ telecommunications



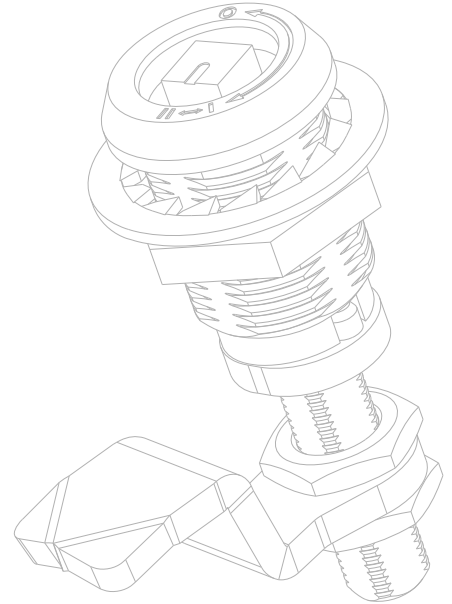
▼ transport



▼ machine



▼ HVAC





RST Roztocze is a company with Polish capital founded in 1991. From the beginning of its activity the company was focused on the needs of the individual client and the demands of the industry. We are open to suggestions for new solutions, according to your requirements and guarantee high technological level of our specialists.

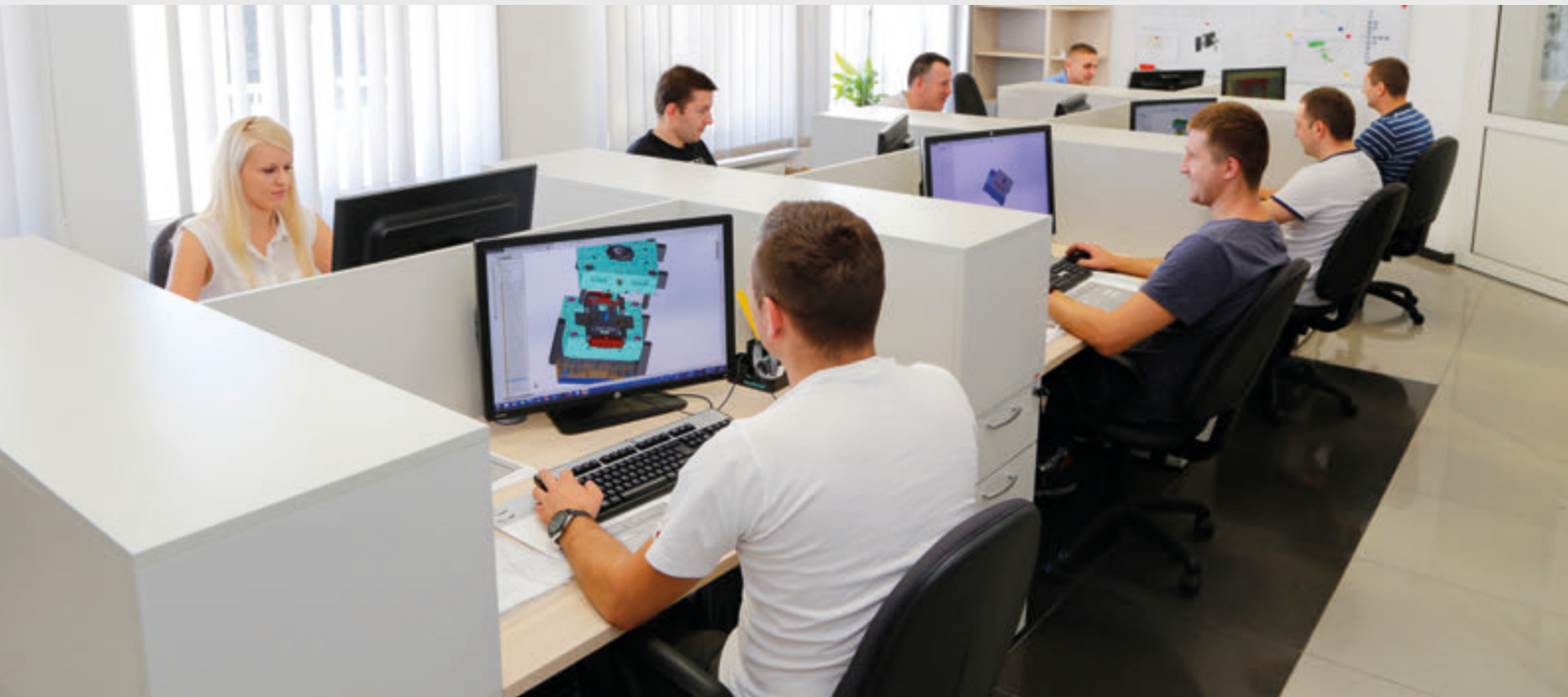
Our products: locks, hinges, power clamps, gaskets, handles, and many other accessories, metal and plastic products are used in the field of energy, telecommunications, railways, road and maritime transport, air conditioning, engineering industry. By constantly investing in new designs, design products, as well as in the

machinery we are competitive among manufacturers of industrial enclosures across the world. We gained mark of a reliable and solid partner.

We stay at your disposal in addition to machinery, many years of practice and experience in manufacturing of our products as well as instruments and technological equipment. We have over 20 000 m² of production area, and over 300 CNC machines.

For more than 25 years of presence on the market, the company has received many prestigious awards that confirm our solid work and innovation in business.





We create technological advantage

Our machine park is constantly upgraded, we've got over 300 machines CNC.

We offer latest technologies and give technical and engineering support to our clients, in such areas as:

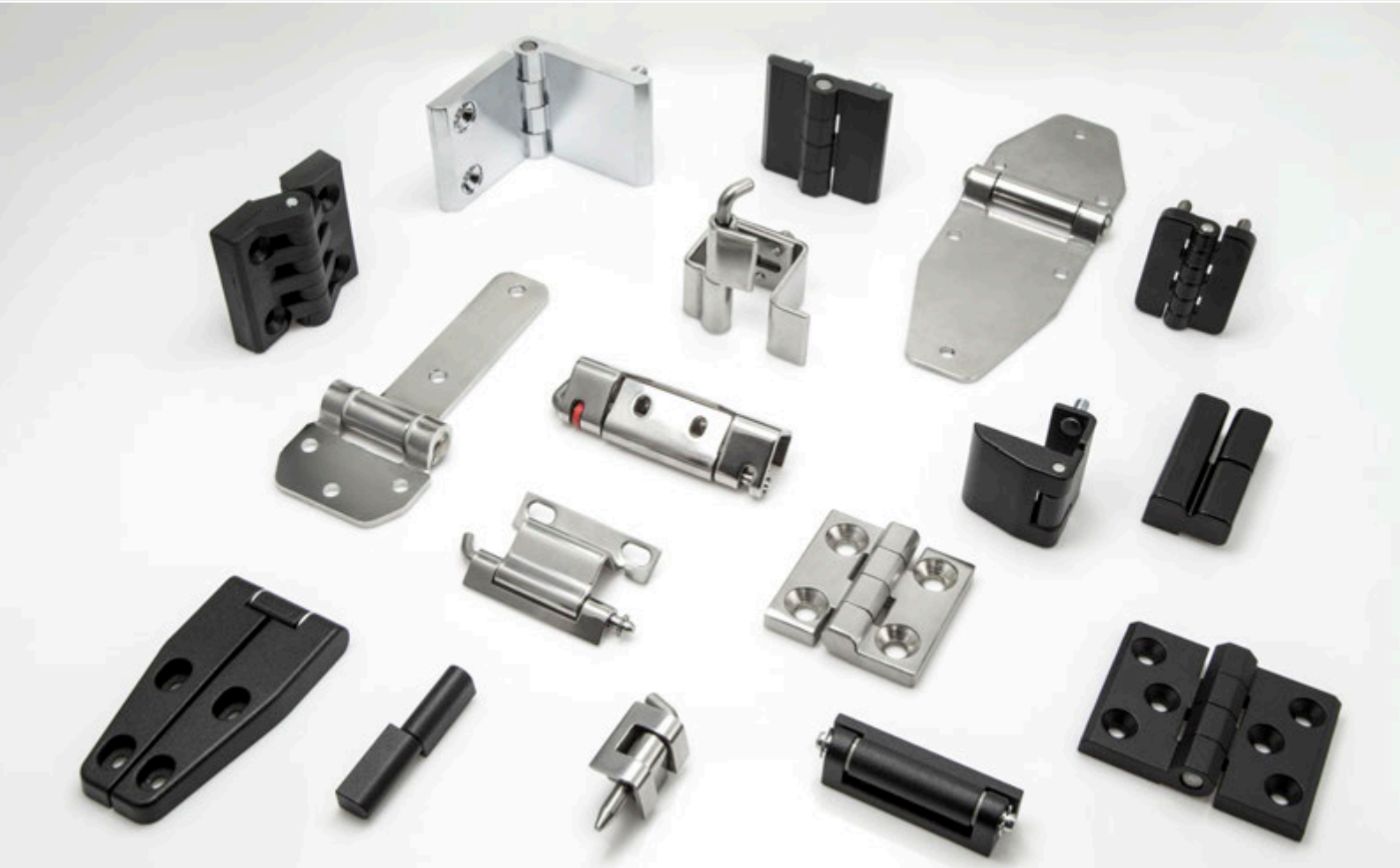
- * manufacturing of details made of zinc alloy (ZnAL)
- * manufacturing of details from polyamide (PA6)
- * CNC machining and processing of sheet metal
- * CNC laser processing of sheet metal
- * galvanic treatment
- * tests of strength of materials
- * salt spray test chamber

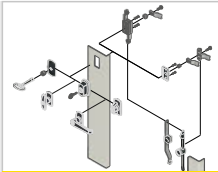
Technological support

that we give to our business partners helps them to gain market advantage and to create product brands with high technological advantage and quality both in Poland and worldwide.

Highest quality of our services is possible due to the constant monitoring and quality systems auditing, knowledge and skills of employees.







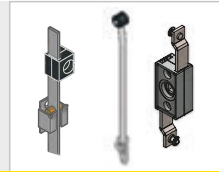
Locking systems 1A



Swinghandles RS 1B



Components 1C



1

Locking systems



Locks 2A



Latches 2B

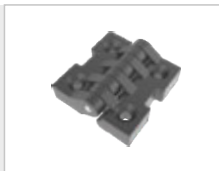


2

Locks
Latches



External hinges 3A



Internal hinges 3B



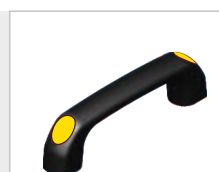
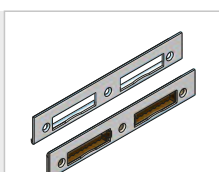
3

Hinges



4

Clamps



5

Accessories






6

Gasketing profiles



7

Custom products

- RoHS** Standard RoHS
- IP 55** Degree of protection IP 55
- IP 65** Degree of protection IP 65
-  Stainless steel
- NEW** New
- LH/RH** The use left / right
- RH** The use right
- LH** The use left
-  Version with padlock
-  Waterproof

1_{PL} → 1-point system

↑
2_{PL} 2-point system
↓

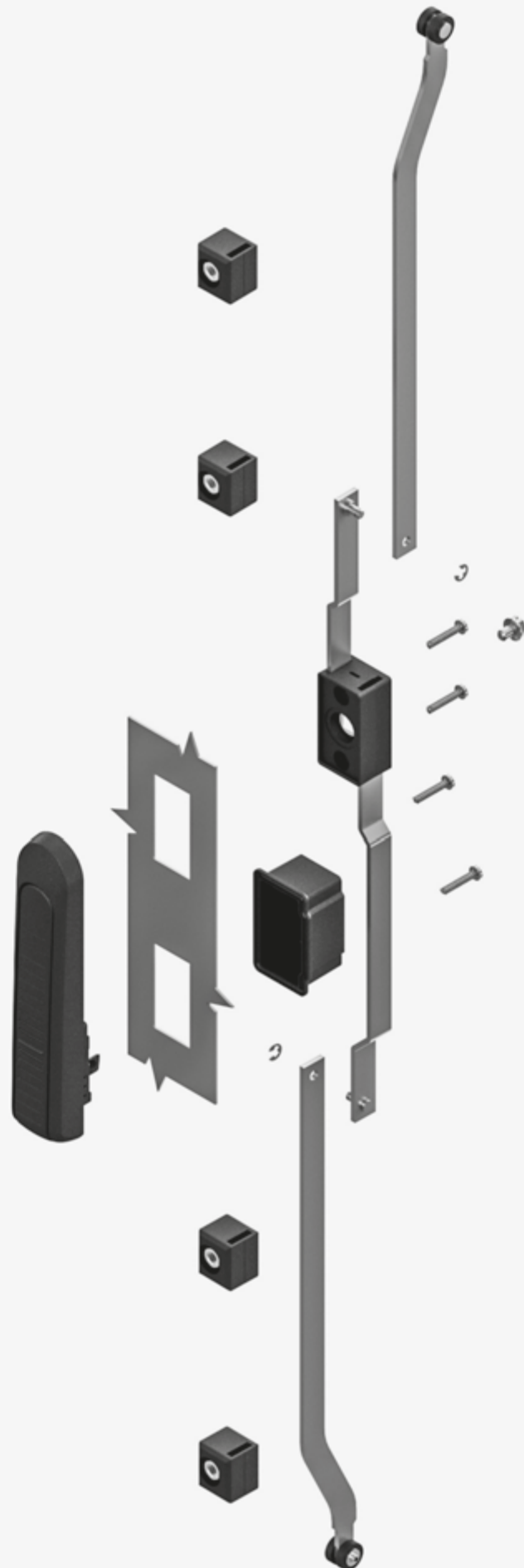
↑
3_{PL} → 3-point system
↓

Finishing type [C]

ZAMAK 5							Polyamide		Stainless steel	
Chrome	Nickel	Galvanized	RAL 9005	RAL 7035	KTL	No coating	RAL 9005	RAL 7035	304	316
01	02	03	04	05	06	0	07	08	9.1	9.2

Clarification of version LH and RH





1

Locking systems

2

Locks
Latches

3

Hinges

4

Clamps

5

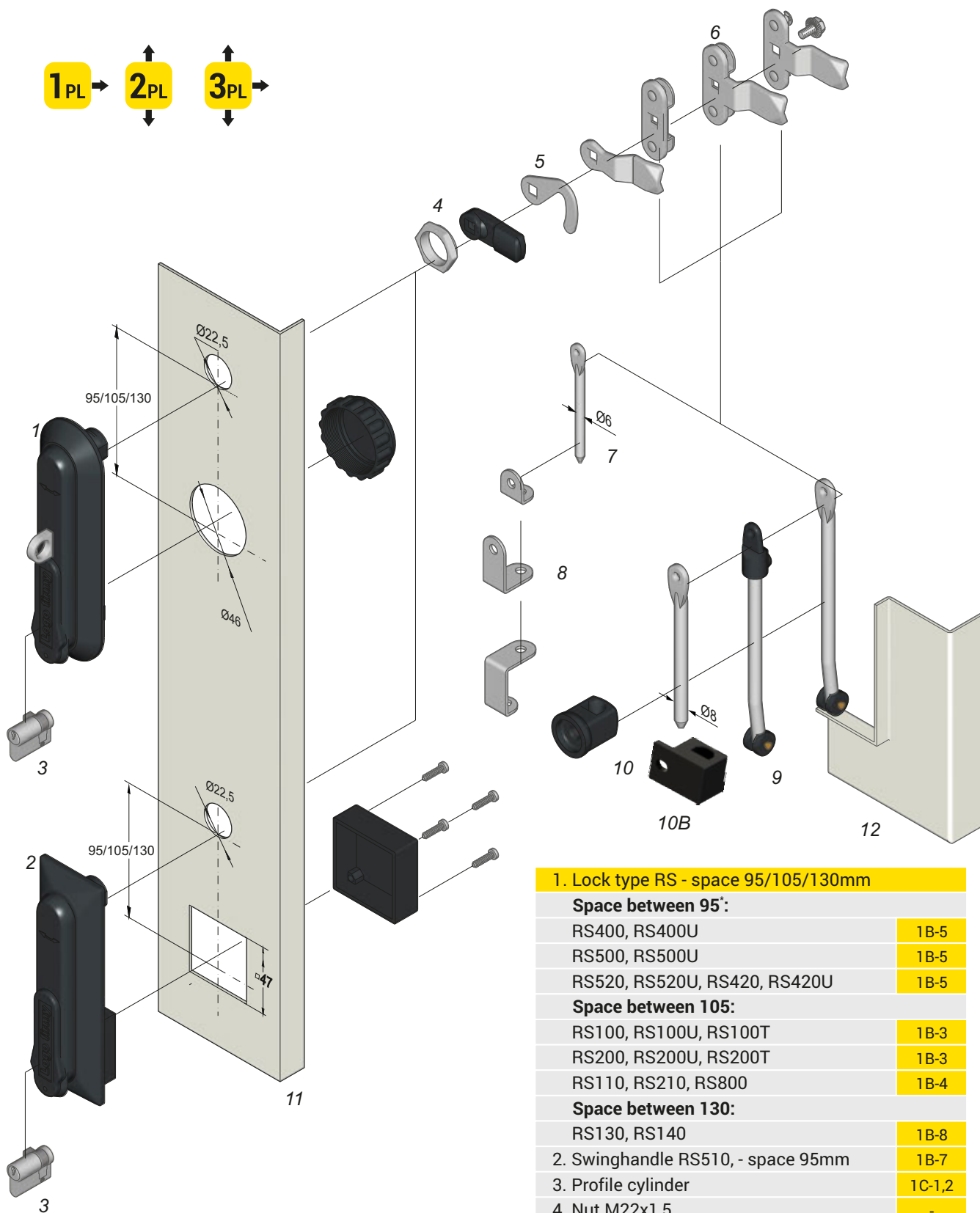
Accessories

6

Gasketing profiles

7

Custom products



1. Lock type RS - space 95/105/130mm

Space between 95':

RS400, RS400U	1B-5
RS500, RS500U	1B-5
RS520, RS520U, RS420, RS420U	1B-5

Space between 105:

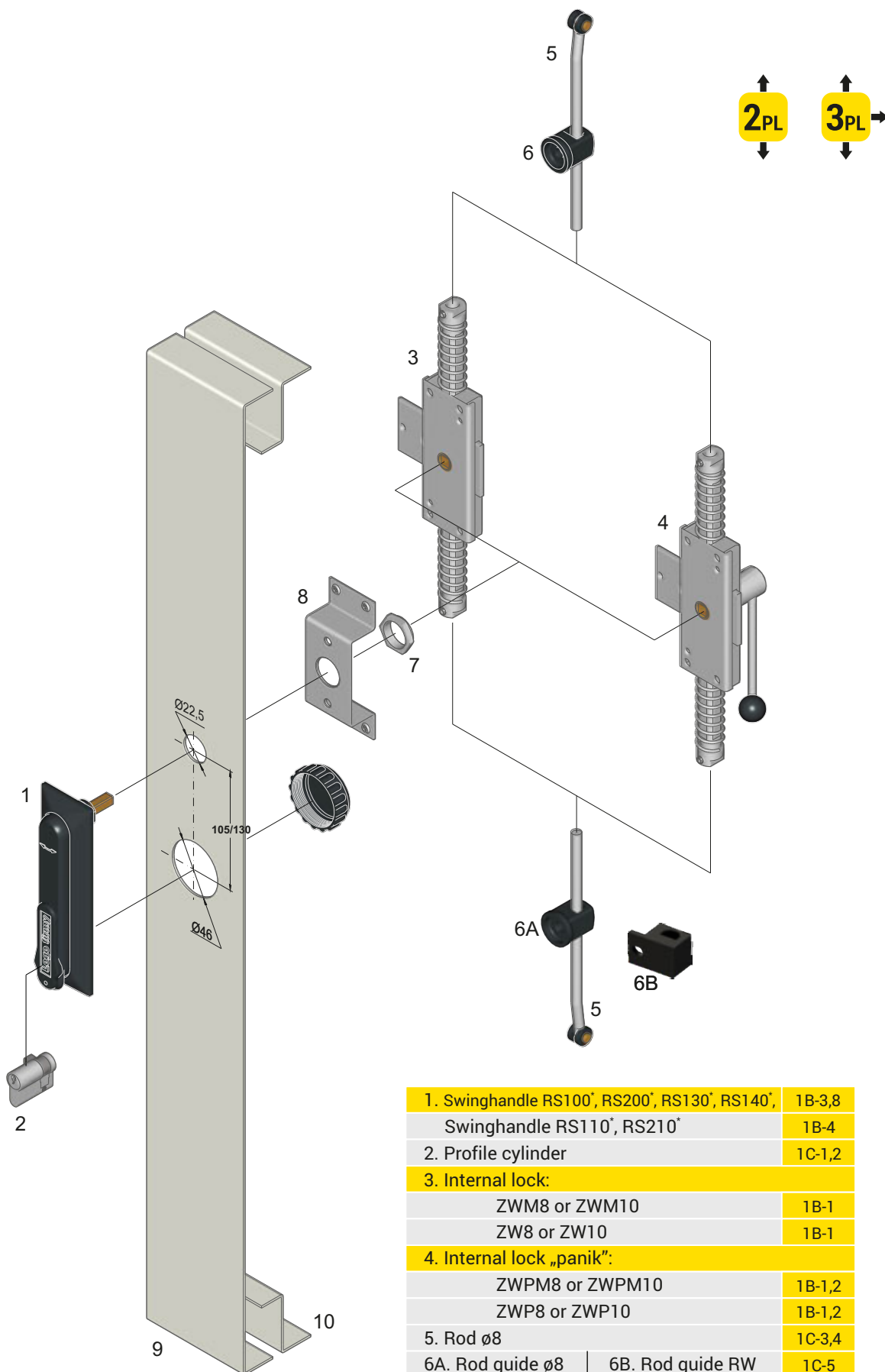
RS100, RS100U, RS100T	1B-3
RS200, RS200U, RS200T	1B-3
RS110, RS210, RS800	1B-4

Space between 130:

RS130, RS140	1B-8
--------------	------

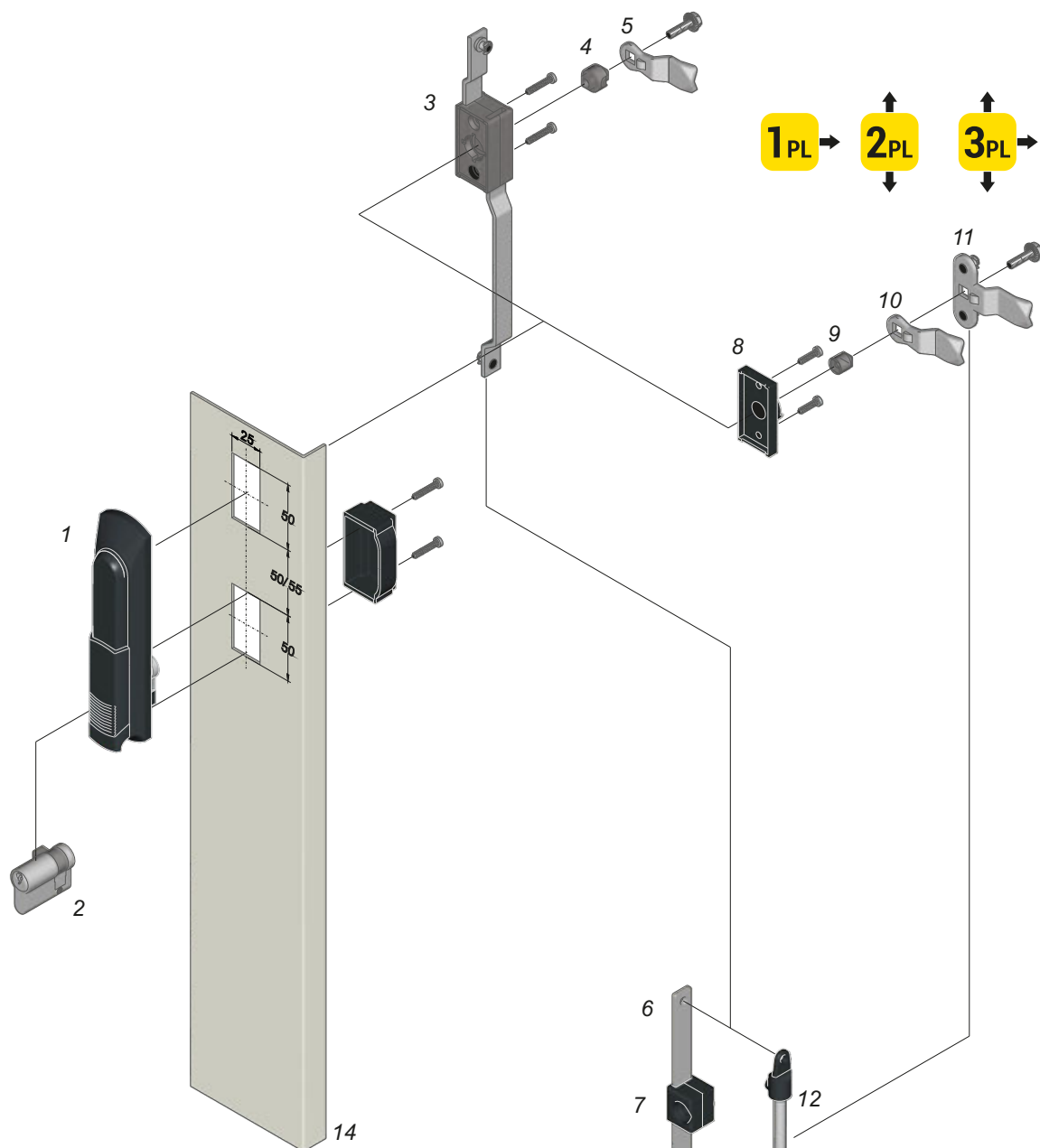
2. Swinghandle RS510, - space 95mm	1B-7
3. Profile cylinder	1C-1,2
4. Nut M22x1,5	-
5. 1-point cam without limiter	1C-10,11
6. 2-points, 3-points cam without limiter	1C-13,17
7. Rod Ø6	1C-3
8. Rod guide Ø6	1C-5
9. Rod Ø8	1C-3,4
10A. Rod guide Ø8 10B. Rod guide RW	1C-5
11. Door of the box	-
12. Edge of the box	-

Locking system with space between holes 105/130 internal locks

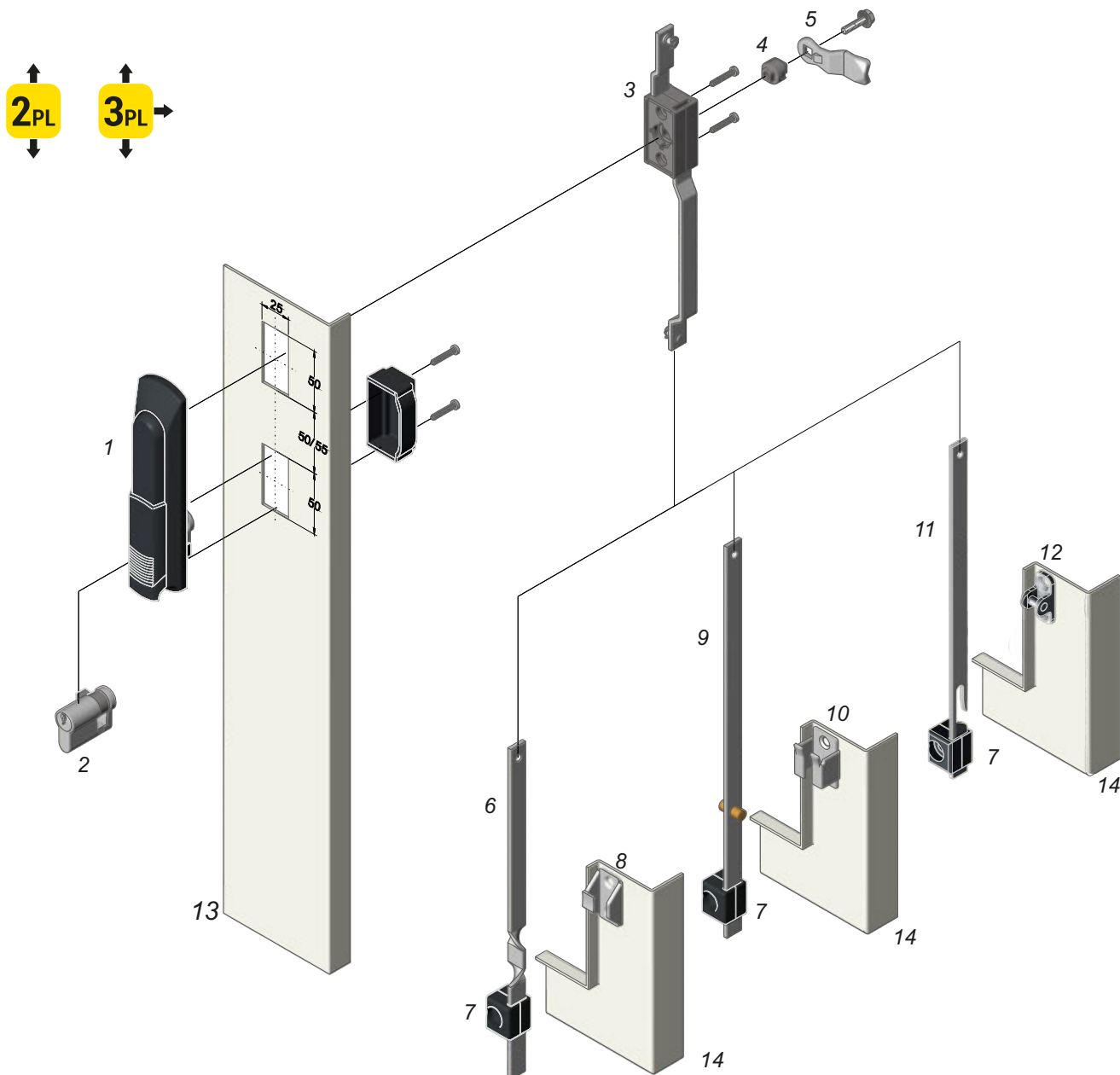


(*) **When you order locks RS100, RS110, RS200, RS210, RS130, RS140 to Internal lock, you should add letters ZW e.e (RS100ZW, RS200ZW).** **When you order locks RS100, RS110, RS200, RS210 to Internal lock panik, you should add letters ZWP e.g. (RS100ZWP) Lock support only on special request.**

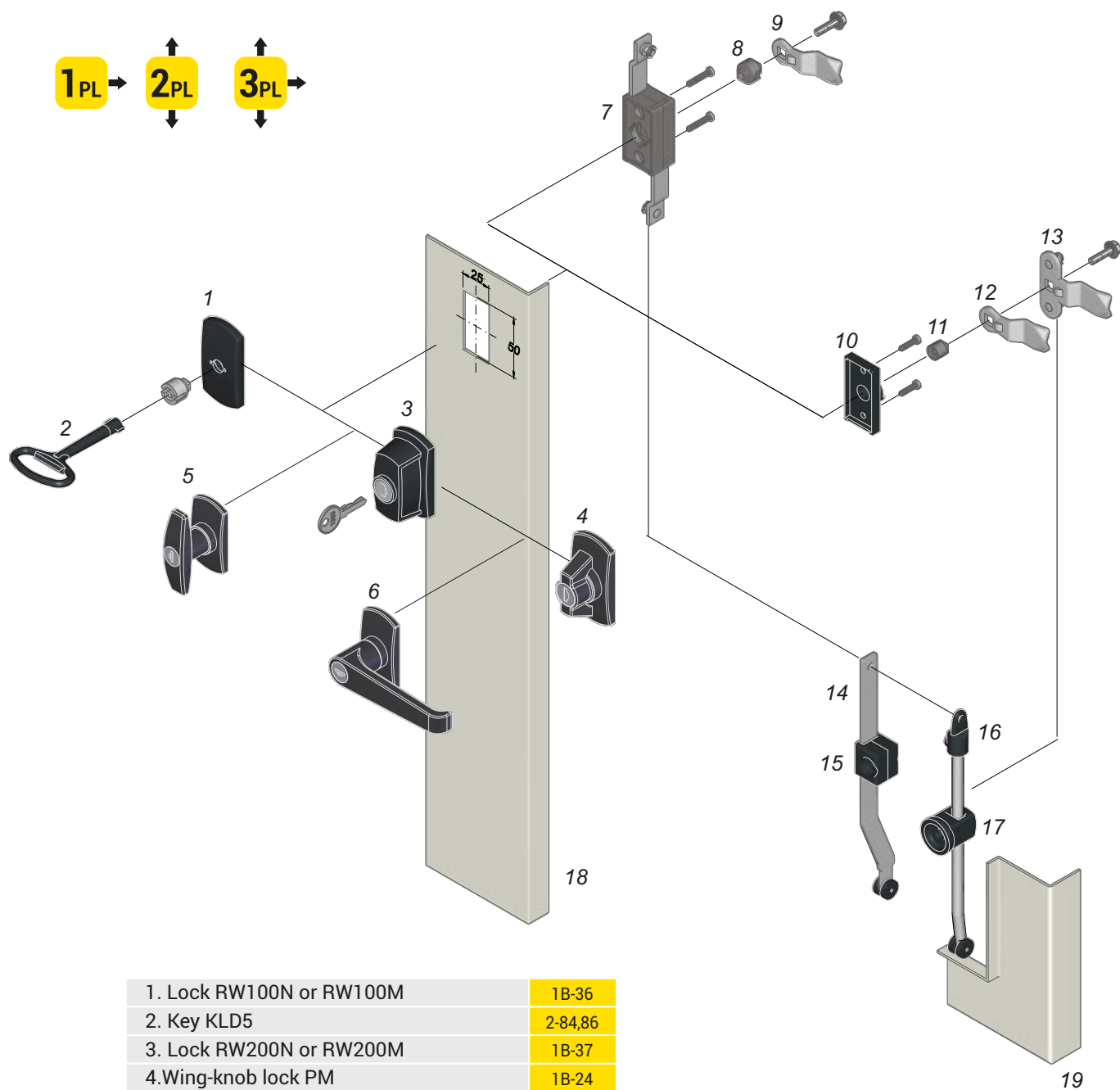
1. Swinghandle RS100*, RS200*, RS130*, RS140*, Swinghandle RS110*, RS210*	1B-3,8 1B-4
2. Profile cylinder	1C-1,2
3. Internal lock:	
ZWM8 or ZWM10	1B-1
ZW8 or ZW10	1B-1
4. Internal lock „panik“:	
ZWPM8 or ZWPM10	1B-1,2
ZWP8 or ZWP10	1B-1,2
5. Rod ø8	1C-3,4
6A. Rod guide ø8 6B. Rod guide RW	1C-5
7. Nut M22 x 1,5	-
8. Lock support*	-
9. Door of the box	-
10. Edge of the box	-



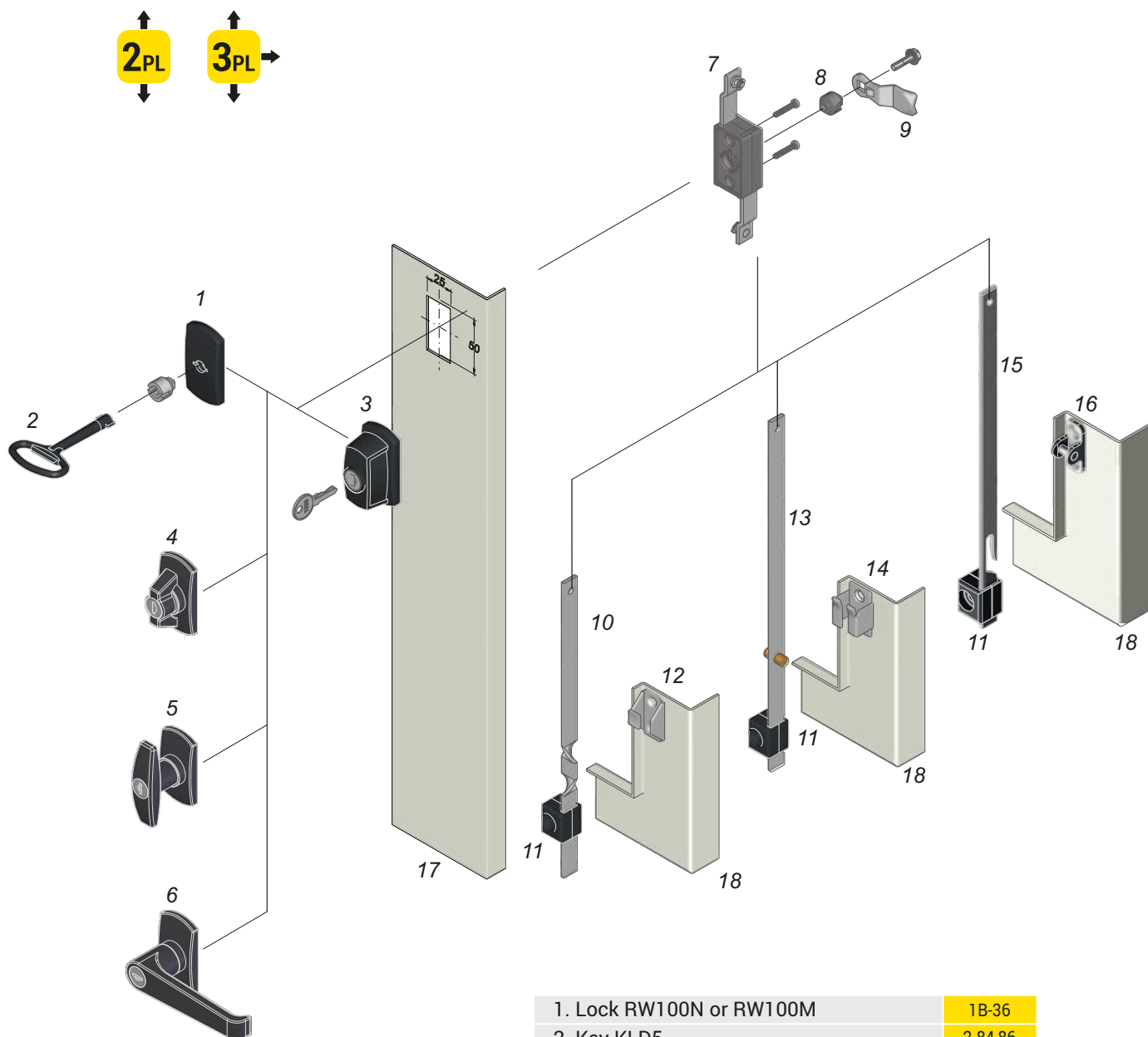
1. Lock RS - space 50/55 mm	-
Space between holes 50x50x50	
RS610 (1B-6), RS700, RS710, RS730, RW400/N, RS400/M	
Space between holes 50x55x50	
RS300	1B-8
2. Profile cylinder	1C-1,2
3. Cogwheel mechanism	1C-24,-28
4. Adapter	1C-22,23,37
5. 1-point cam with limiter	1C-8,9
6. Flat rod with rollers	1C-30
7. Flat rod guide P314	1C-6
8. Cap	1C-23
9. Bushing	1C-23
10. 1-point cam with limiter for cap	1C-8,9
11. 3-point cam with limiter for cap	1C-15,-16
12. Rod $\varnothing 8$, rod holder	1C-3,4
13. Rod guide $\varnothing 8$	1C-5
14. Door of the box	-
15. Edge of the box	-



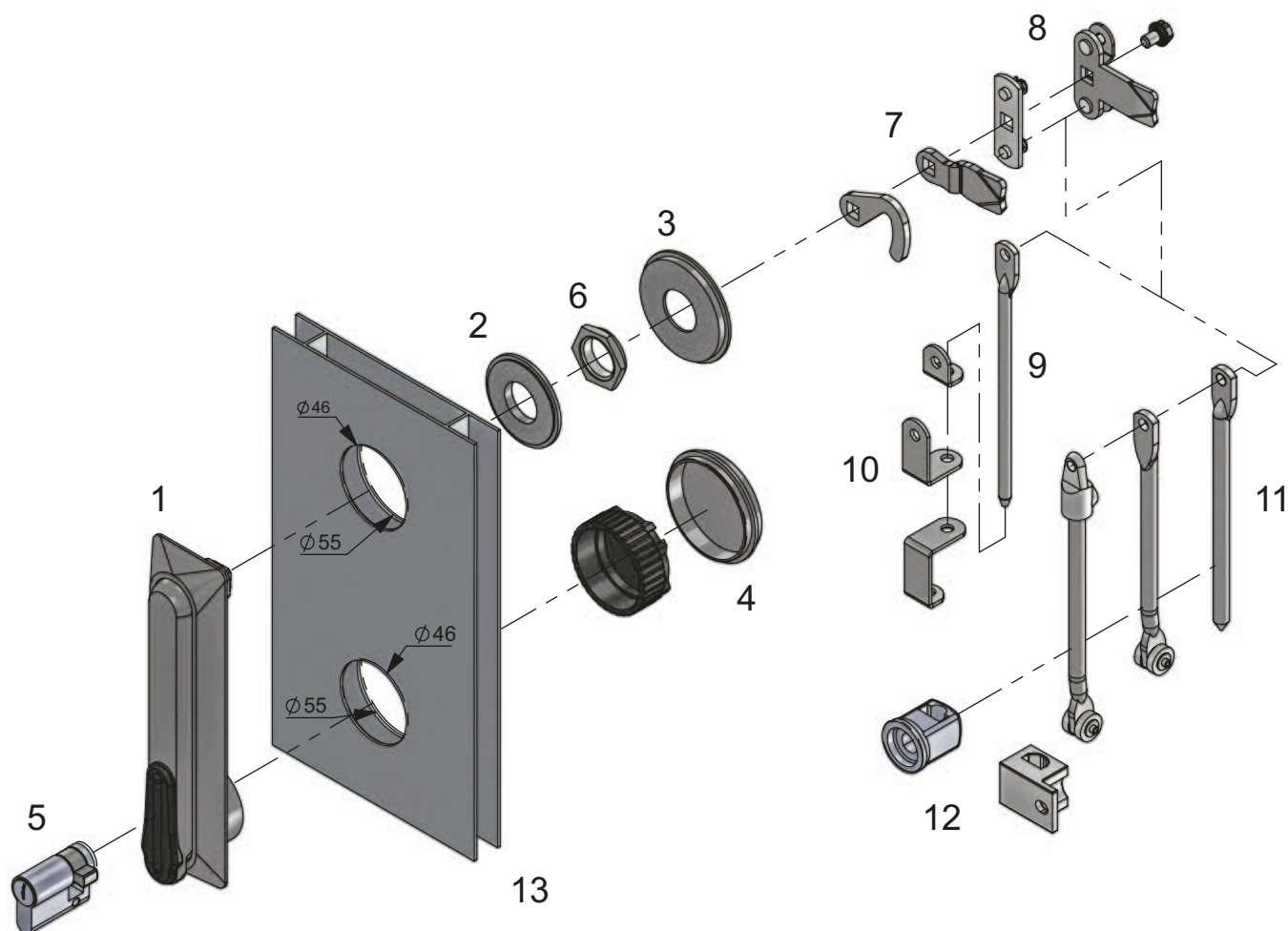
1. Swinghandle RS - space 50/55 mm	-
Space between holes 50x50x50	
RS610 (1B-6), RS710(1B-5), RS730, RW400/M(1B-11)	
RS715,RS716 (1B-6), RS750(1B-5),	
Space between holes 50x55x50	
RS300	1B-8
2. Profile cylinder	1C-1,2
3. Cogwheel mechanism	1C-24-29
4. Adapter	1C-22,23,37
5. 1-point cam with limiter	1C-8,9
6. Flat rod ver. "A", "B", "C"	1C-32
7. Flat rod guide P314	1C-6
8. Catch W314-90	1C-32
9. Flat rod ver. "B"	1C-33
10. Catch W314-80	1C-34
11. Flat rod ver. "C"	1C-35
12. Catch W314-70	1C-35
13. Door of the box	-
14. Edge of the box	-



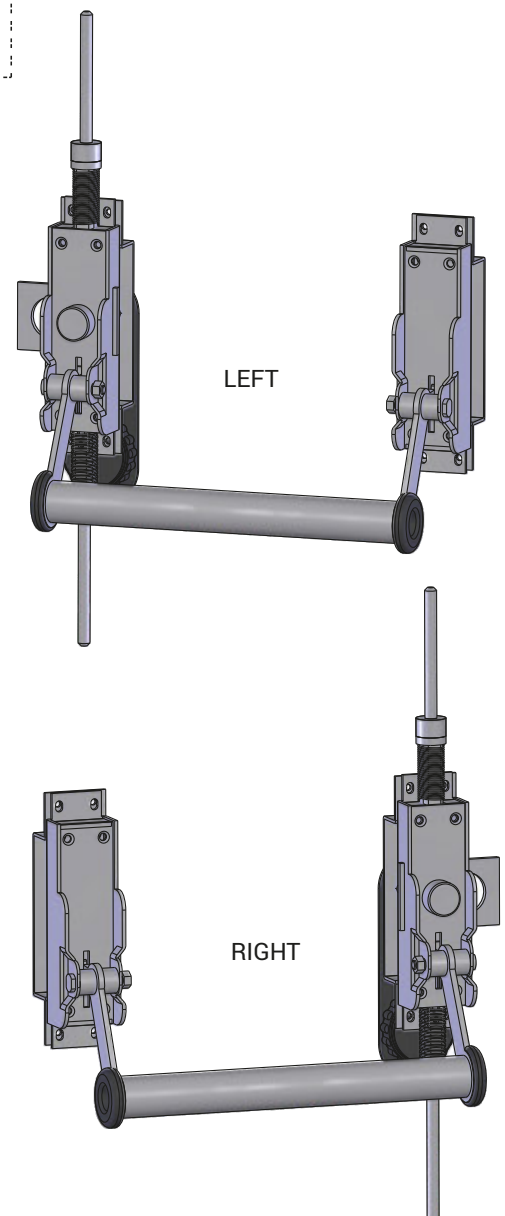
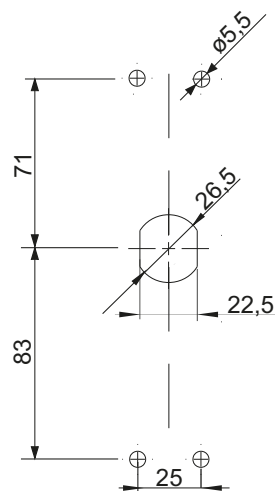
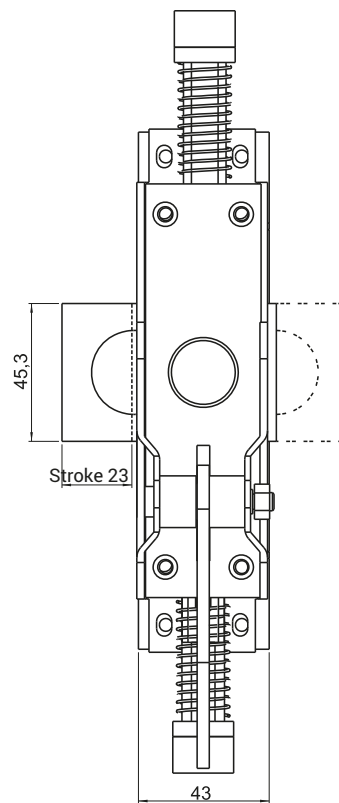
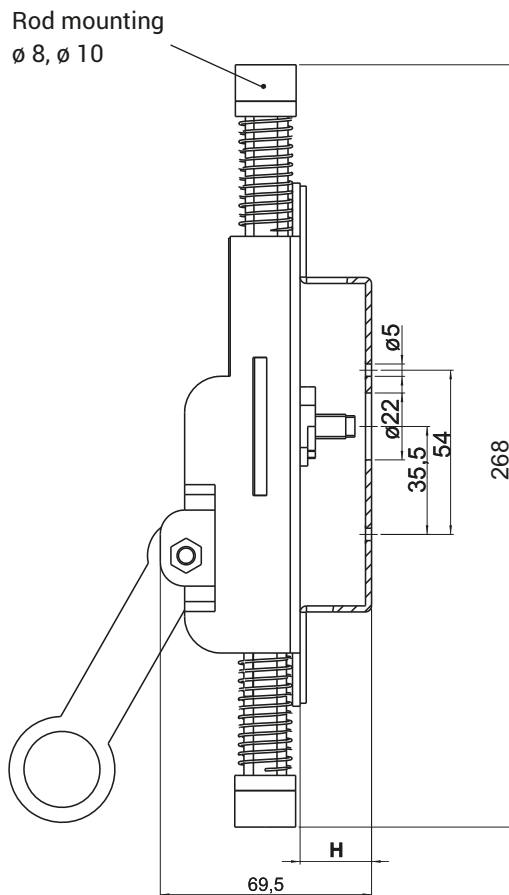
1. Lock RW100N or RW100M	1B-36
2. Key KLD5	2-84,86
3. Lock RW200N or RW200M	1B-37
4. Wing-knob lock PM	1B-24
5. T-handle lock	1B-38
6. L-handle lock	1B-38
7. Cogwheel mechanism	1C-24-29
8. Adapter	1C-22,23,37
9. 1-point cam with limiter	1C-8,9
10. Cap	1C-23
11. Bushing	1C-23
12. 1-point cam with limiter for cap	1C-8,9
13. 3-point cam with limiter for cap	1C-15,-16
14. Flat rod with rollers	1C-30
15. Flat rod guide P314	1C-6
16. Rod ø8, rod holder	1C-3, 4
17. Rod guide ø8	-
18. Door of the box	-
19. Edge of the box	-



1. Lock RW100N or RW100M	1B-36
2. Key KLD5	2-84,86
3. Lock RW200N or RW200M	1B-37
4. Wing-knob lock PM	1B-24
5. T-handle locking	1B-38
6. L-handle locking	1B-38
7. Cogwheel mechanism	1C-24,-29
8. Adapter	1C-23
9. 1-point cam with limiter	1C-8,9
10. Flat rod ver. "A"	1C-32
11. Flat rod guide P314	1C-6
12. Catch W314-90	1C-32
13. Flat rod ver. "B"	1C-33
14. Catch W314-80	1C-34
15. Flat rod ver. "C"	1C-35
16. Catch W314-70	1C-35
17. Door of the box	-
18. Edge of the box	-



1. Swinghandle RS130, RS140	1B-8
2. Adapter 1C.916.001	1C-37
3. Adapter 1C.916.002	1C-37
4. Adapter 1C.916.003	1C-37
5. Profile	1C-1,2
6. Nut M22x1,5	-
7. Cam 1-point no limiter	1C-10,11
8. Cam 2-point, 3-point no limiter	1C-13,-17
9. Rod 6	1C-3
10. Rod guide 6	1C-5
11. Rod 8 1C-3,4	1B-3,-4
12. Rod guide 8 / Rod guide RW	1C-5
13. Cabinet door	-



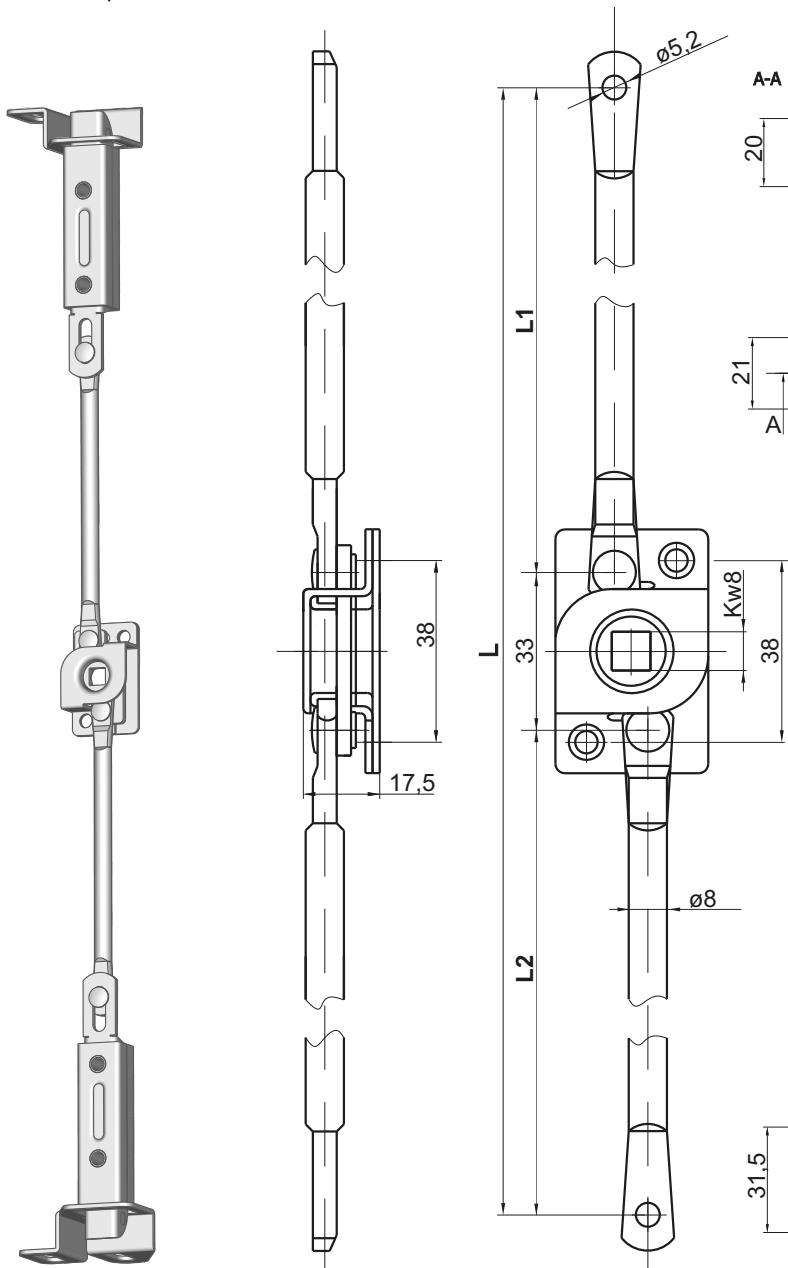
**H - door thickness- minimum door thickness 23,5mm*

CAT. NUMBER		NAME
1B.SAP8.001 - rod mounting ø 8	1B.SAP10.001 - rod mounting ø 10	Antipanic lock
1B.SAPM8.001 - rod mounting M8	1B.SAPM10.001 - rod mounting M10	

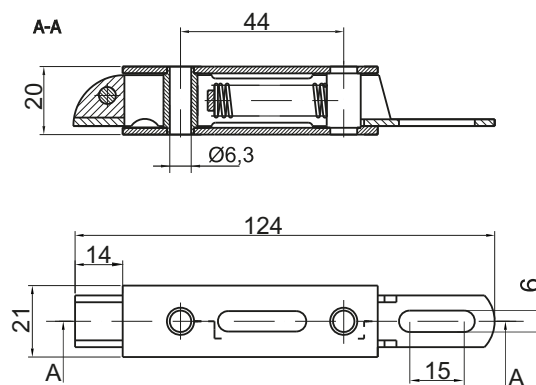
*** when placing an order you should give:** lenght of the bar, type of locking: left, right
*** possibility of ordering only antipanic mechanism without bar and additional assembling element**

2_{PL}

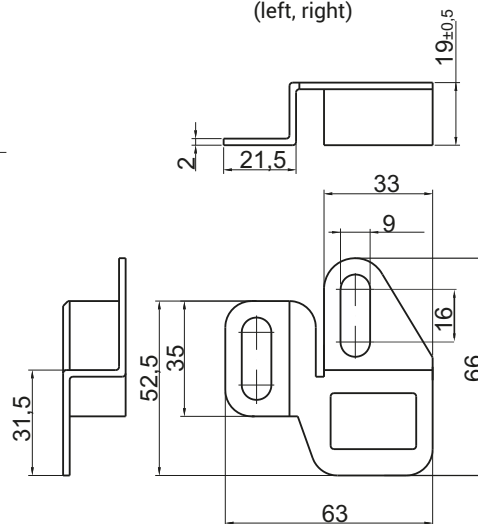
BOLT MECHANISM



BOLT



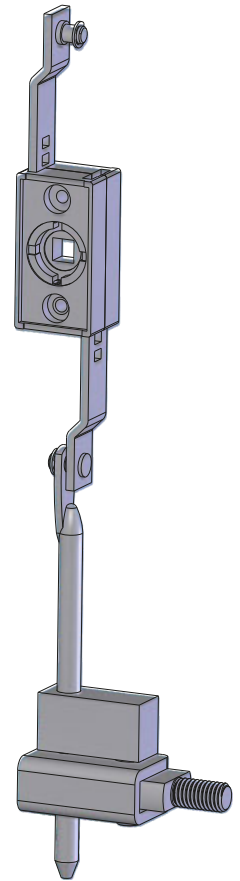
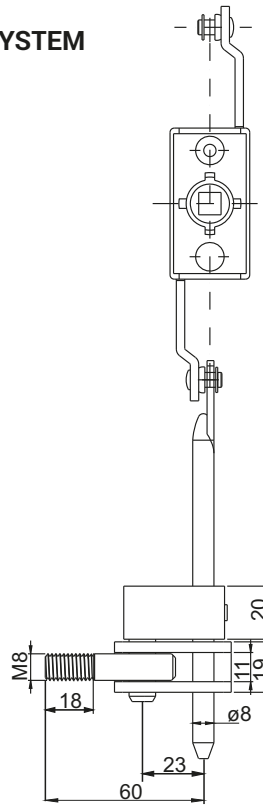
Bolt holder (left, right)



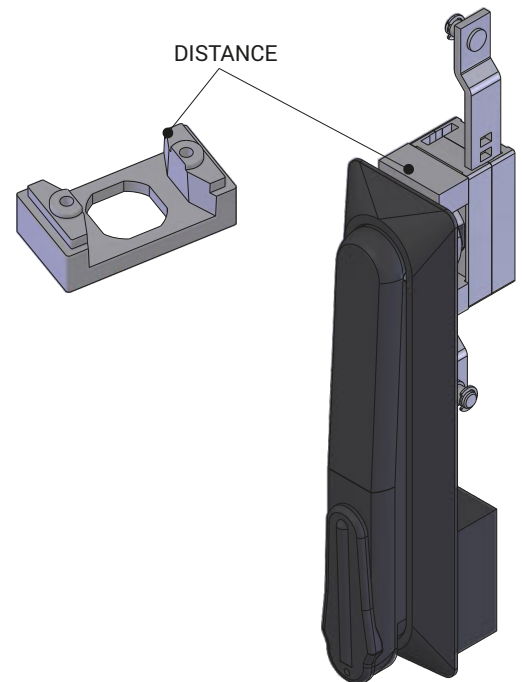
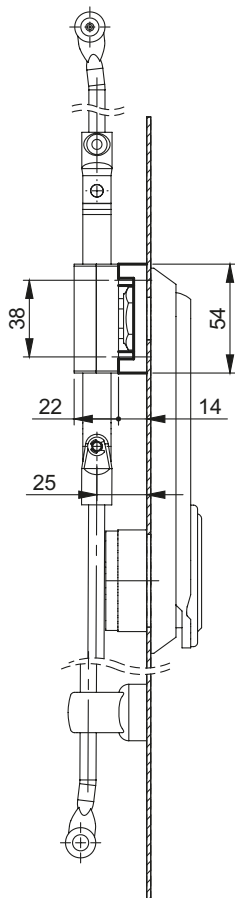
$$L = 33 + L_1 + L_2$$

CAT. NUMBER	NAME	MATERIAL
1A.001.001	Bolt mechanism	Steel zinc plated
1A.001.001SN	Bolt mechanism	Stainless steel
1A.002.001	Bolt	Steel zinc plated
1A.002.001SN	Bolt	Stainless steel
1A.003.001	Bolt holder right	Stainless steel
1A.003.002	Bolt holder left	Stainless steel

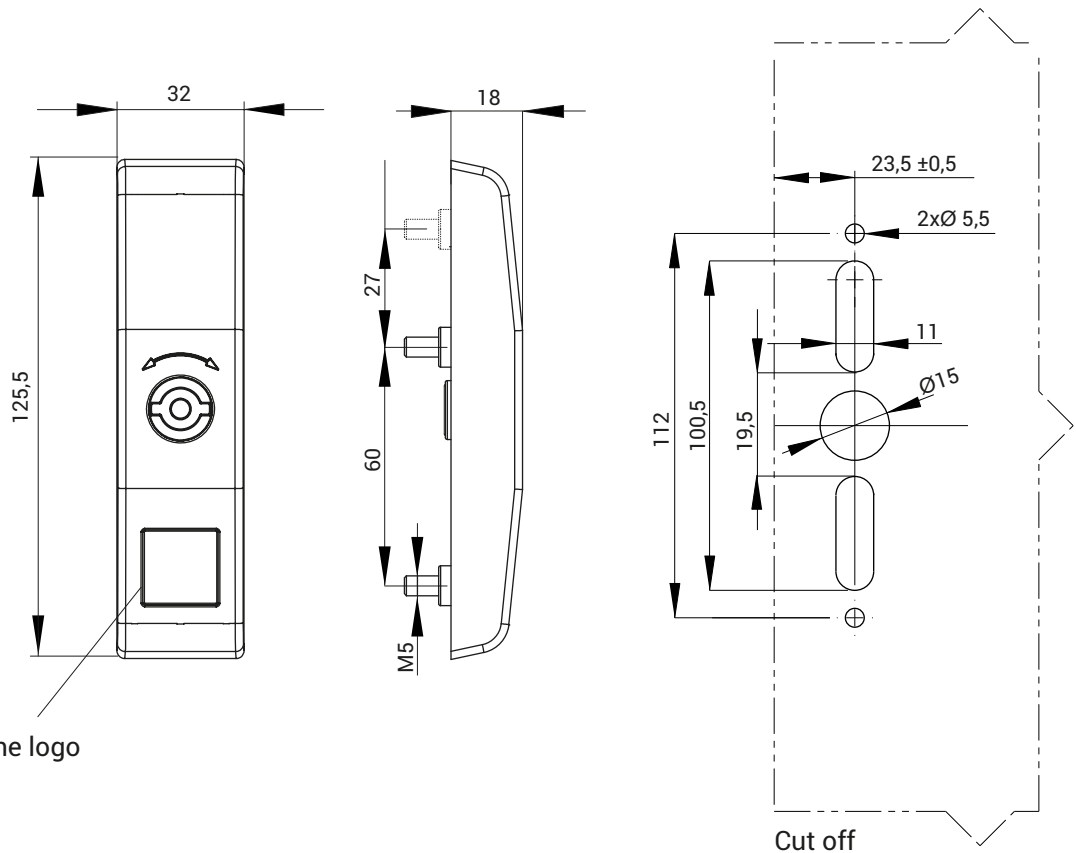
ROD STRENGHTENING SYSTEM



COGWHEEL MECHANISM DISTANCE



CAT. NUMBER	NAME	MATERIAL
1C.911.001	Rod strenghtening system	Steel zinc plated
1C.910.001	Cogwheel mechanism distance	ZAMAK
* system cooperates with cogwheel mechanism MZ (pg 1C-24 - 1C-29)		

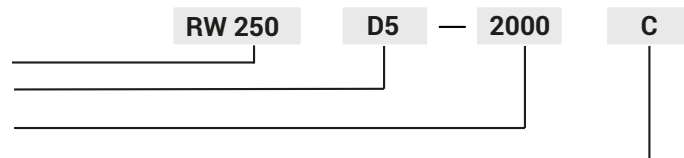


LOCK TYPE	COMPONENTS	MATERIAL	FINISH [C]	
RW 250	Housing	ABS	RAL 9005	RAL 7035
	Flat rods	Steel	04	05

Inserts				
D3	D5	T9	KW 8	S

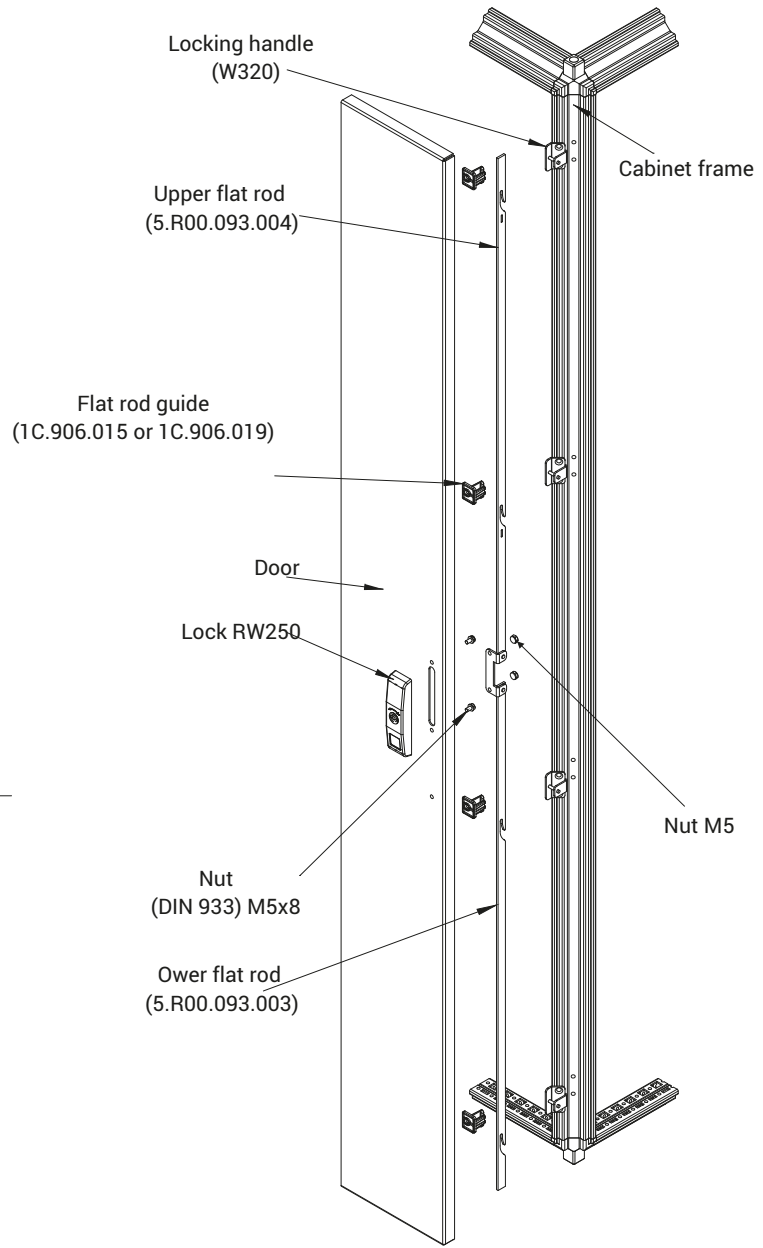
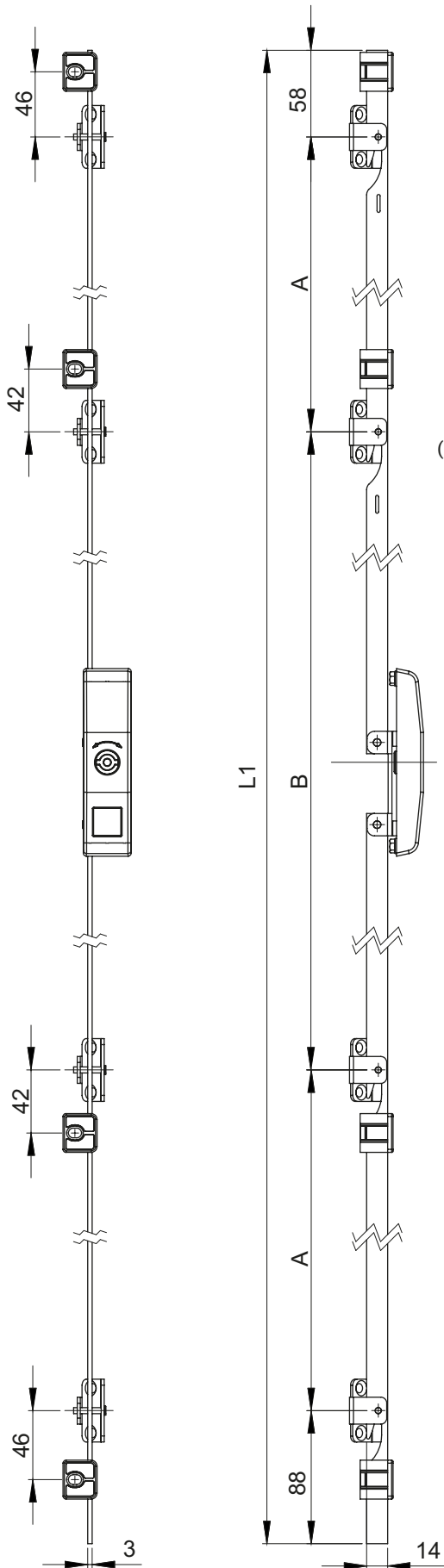
How to order :

Type of lock
Type of insert
Height cabinet
Finish

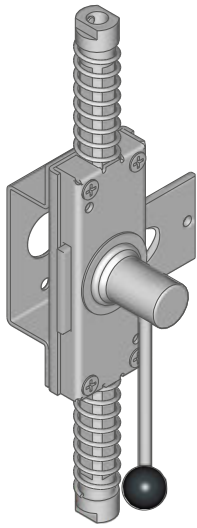
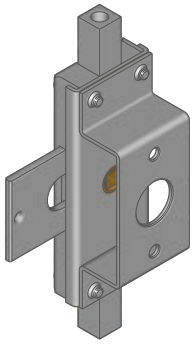


NOTE:

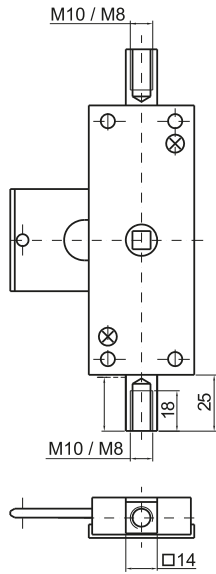
1. Lock RW 250 suitable to use outside the sealing zone
2. Locking system for door about max. thickness 2 mm
3. Type of locking system: left or right.
4. System components sold together or separately



HEIGHT OF THE BOX[L]	L1	A	B
1800	1729	520	520
2000	1929	586	586



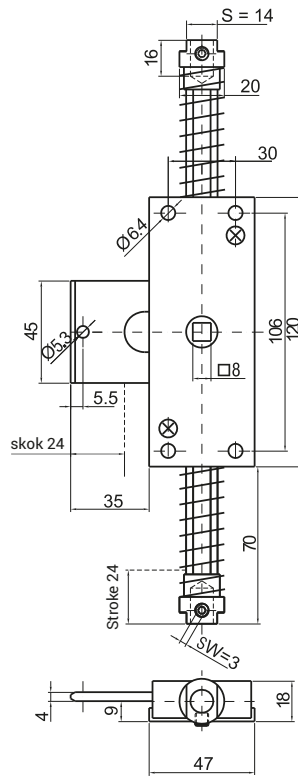
ZWM8 (with thread M8) **ZWM10** (with thread M10)



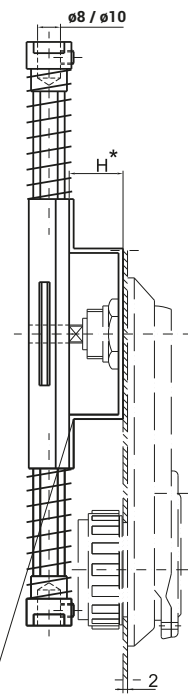
NOTE:

1. When ordering swinghandles RS100, RS130, RS140, RS110, RS210, RS200 for **internal lock** you should add letters ZW.
2. When ordering swinghandle RS100, RS200, RS130, RS140, RS110, RS210, for **intednal lock panik**, you should add letters ZWP.
3. Lock support only on special request.
4. Left or Right version only for **internal lock panik**

ZWM8 (with hole $\phi 8$)

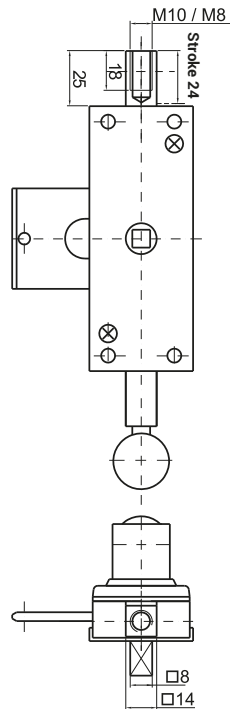


ZWM10 (with hole $\phi 10$)

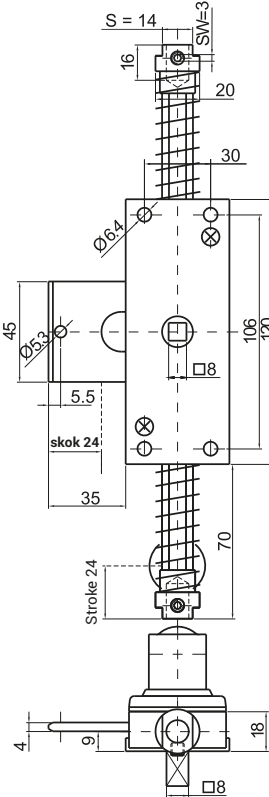


Lock support

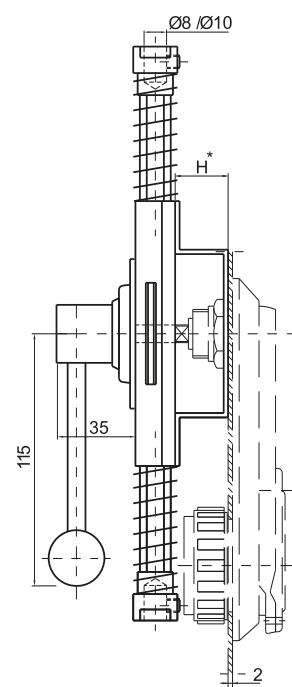
ZWPM8 (with thread M8) **ZWPM10** (with thread M10)



ZWPM8 (with hole $\phi 8$)

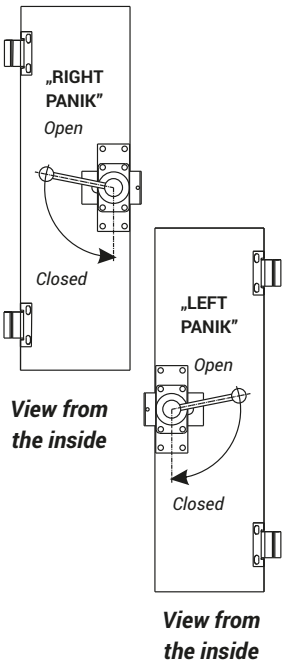


ZWPM10 (with hole $\phi 10$)



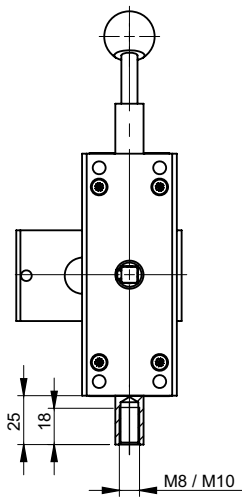
NOTE:

1. When ordering lock ZWP you must define H dimension and version: left or right

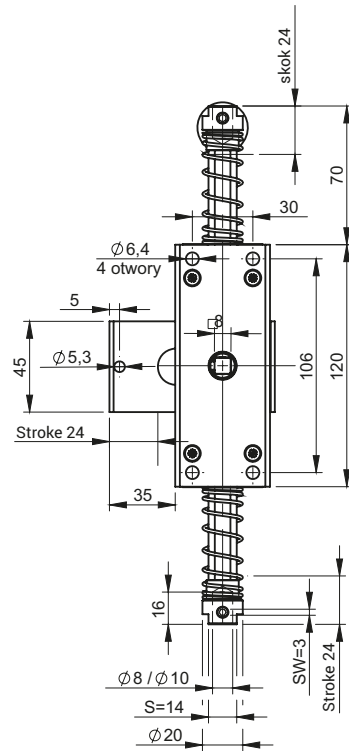


NAME	MATERIAL	NAME	MATERIAL
Internal lock ZWM8	Steel zinc plated	Internal lock panik ZWPM8	Steel zinc plated
Internal lock ZWM10		Internal lock ZWPM10	
Internal lock ZW8		Internal lock ZWP8	
Internal lock ZW10		Internal lock ZWP10	
• When ordering you must define H dimension			

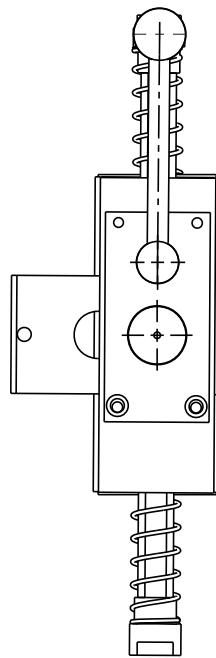
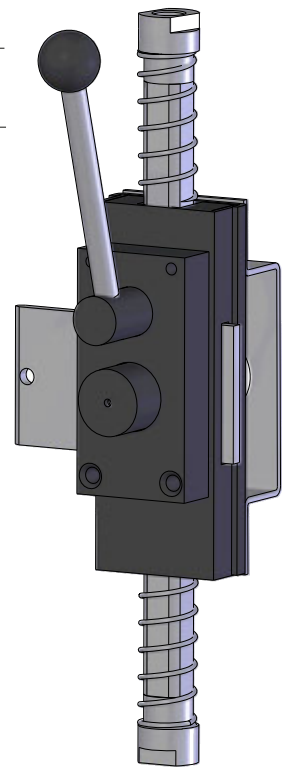
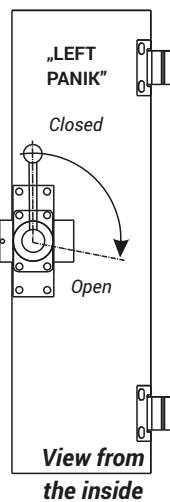
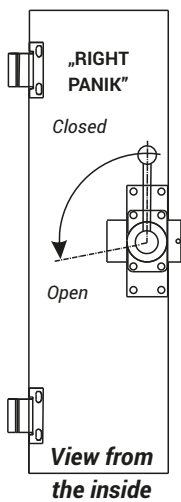
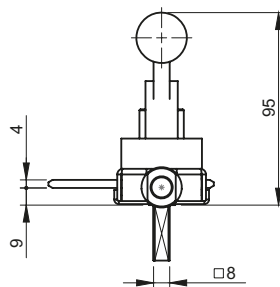
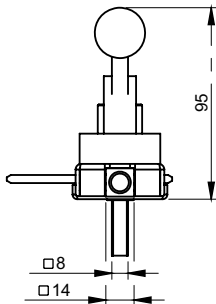
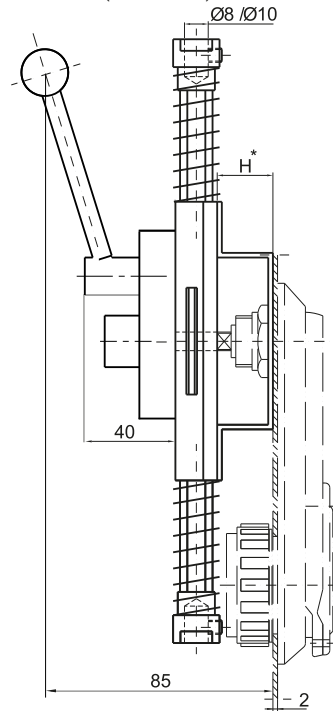
ZWPM8.002 (with thread M8) **ZWPM10.002** (with thread M10)



ZWP8.002 (with hole $\phi 8$)



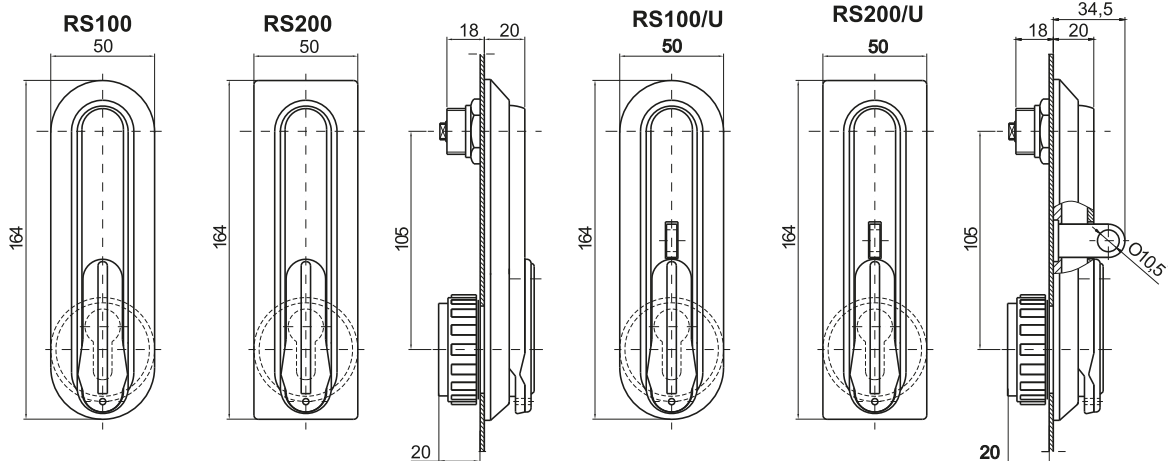
ZWP10.002 (with hole $\phi 10$)



NOTE:

- When ordering lock ZWP, you must define H dimension and version: left or right

NAME	MATERIAL
Internal lock panik ZWPM8.002	Steel zinc plated
Internal lock panik ZWPM10.002	
Internal lock panik ZWP8.002	
Internal lock panik ZWP10.002	
• When ordering you must define H dimension	



NOTE:

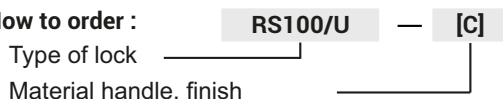
- When ordering swinghandle RS100, RS200 for **internal lock**, you should add letters e.g. (RS100ZW, RS200ZW).
- When ordering swinghandle RS100, RS200, for **internal lock panik**, you should add letters ZWP e.g. (RS100ZWP, RS200ZWP)

(*) - Padlock device is available with diameter Ø12

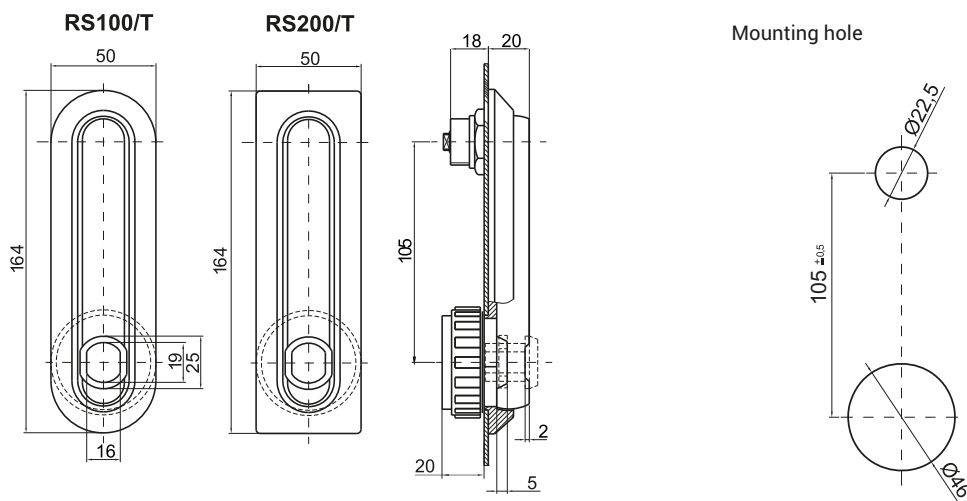


LOCK TYPE	COMPONENTS	MATERIAL	
RS100	Housing	Polyamide PA6	
RS200			
RS100/U	Housing Padlock device	Polyamide PA6	
RS200/U		ZAMAK5	
Material and finish [C]			
ZAMAK5		POLYAMIDE PA6	
RAL 9005	RAL 7035	RAL 9005	RAL 7035
04	05	07	08

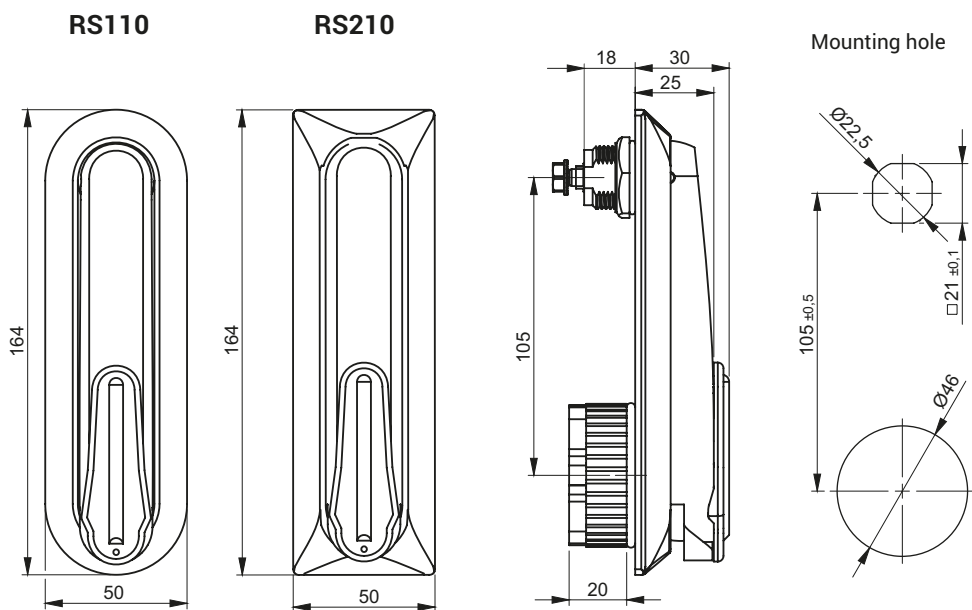
How to order :



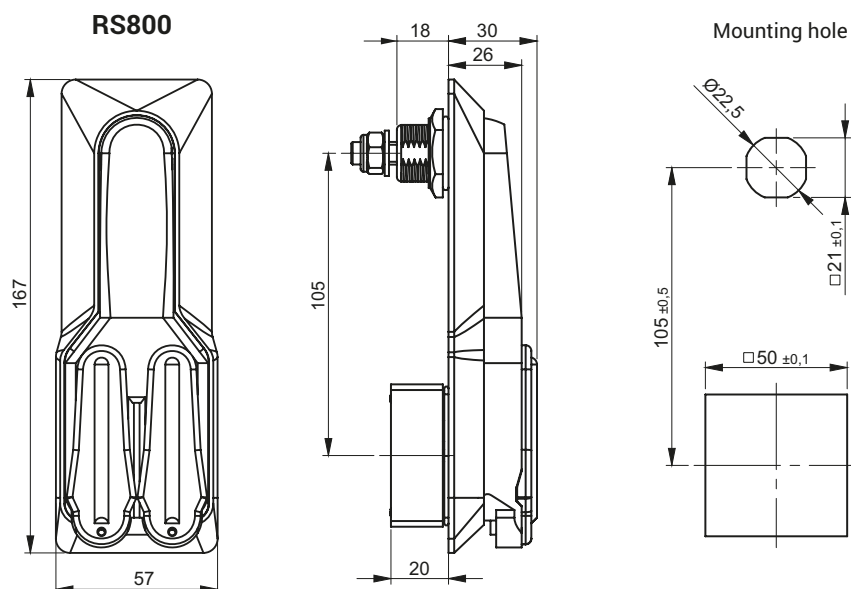
- **Additionally** there is a possibility of putting company logo a dust cover



LOCK TYPE	COMPONENTS	MATERIAL	FINISH [C]	
			RAL 9005	RAL 7035
RS100/T	Housing, Handle	Polyamide PA6	07	08
RS200/T				



DETAIL	COMPONENTS	MATERIAL	FINISH [C]	
			RAL 9005	RAL 7035
RS110 RS210	Housing, Handle	Polyamide PA GF30	07	08



DETAIL	COMPONENTS	MATERIAL	FINISH [C]	
			RAL 9005	RAL 7035
RS800 RS800W	Housing, Handle	Polyamide PA GF30	07	08

NOTE:

Locking is the enhanced version or without reinforcement.
RS800W - with steel reinforcement handle.

How to order:

Catalogue number

Finish

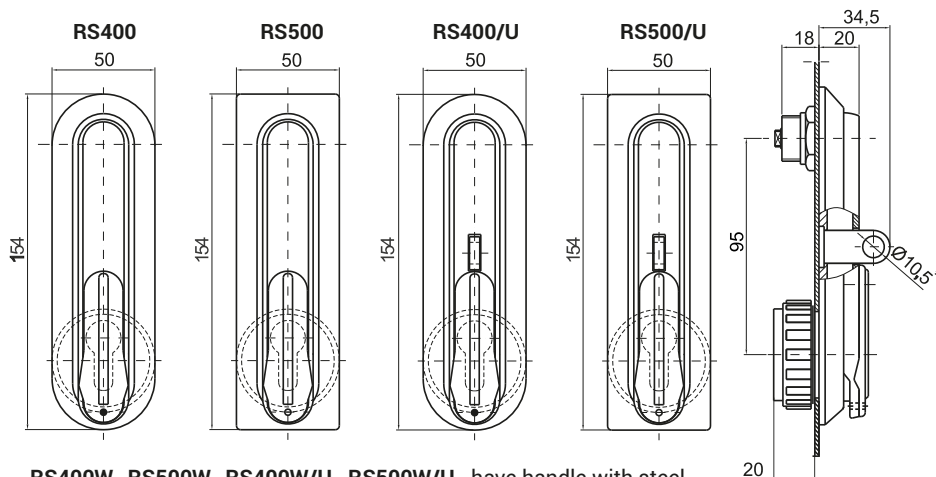


Swinghandle

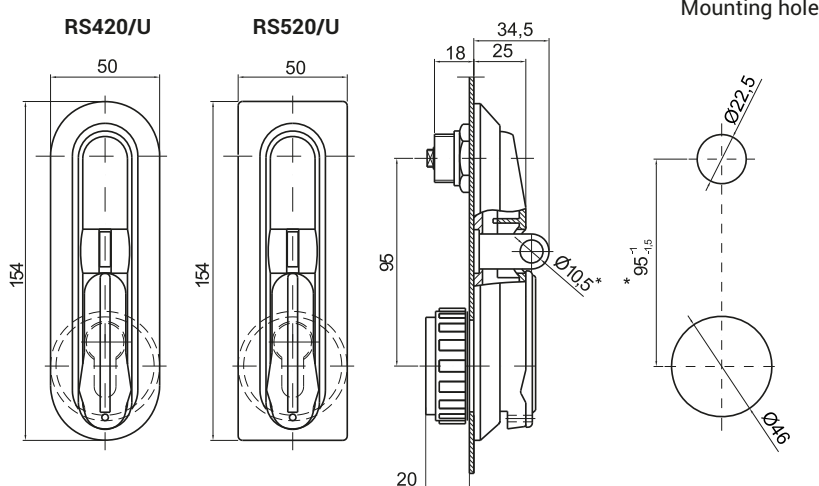
RS400, RS400W, RS400/U, RS400W/U, RS420, RS420W, RS420/U, RS500, RS500W, RS500/U, RS500W/U, RS 520, RS520W, RS520/U



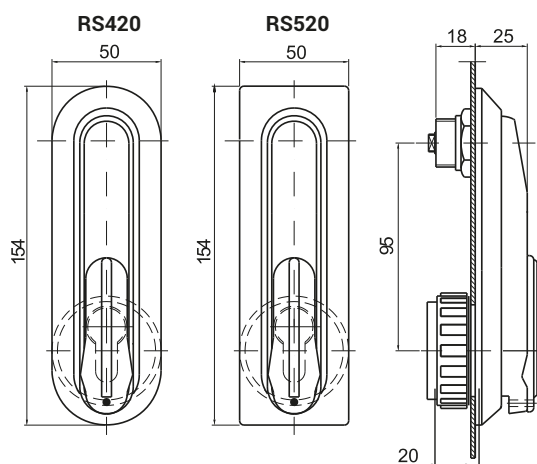
ROZTOCZE



RS400W, RS500W, RS400W/U, RS500W/U - have handle with steel strengthening inside



Mounting hole



(*) - Padlock device is available with diameter Ø12

RS420W, RS520W - have handle steel strengthening inside

NAME		COMPONENTS	MATERIAL	FINISH [C]	
RS400	RS500			RAL 9005	RAL 7035
RS400W	RS500W	Housing, handle	Polyamide PA6	07	08
RS400/U	RS500/U				
RS400W/U	RS500W/U				
RS420	RS520				
RS420W	RS520W				
RS420/U	RS520/U				

• Additionally there is a possibility of putting company logo on a dust cover

How to order:

Catalogue number

Finish

RS420/U

C

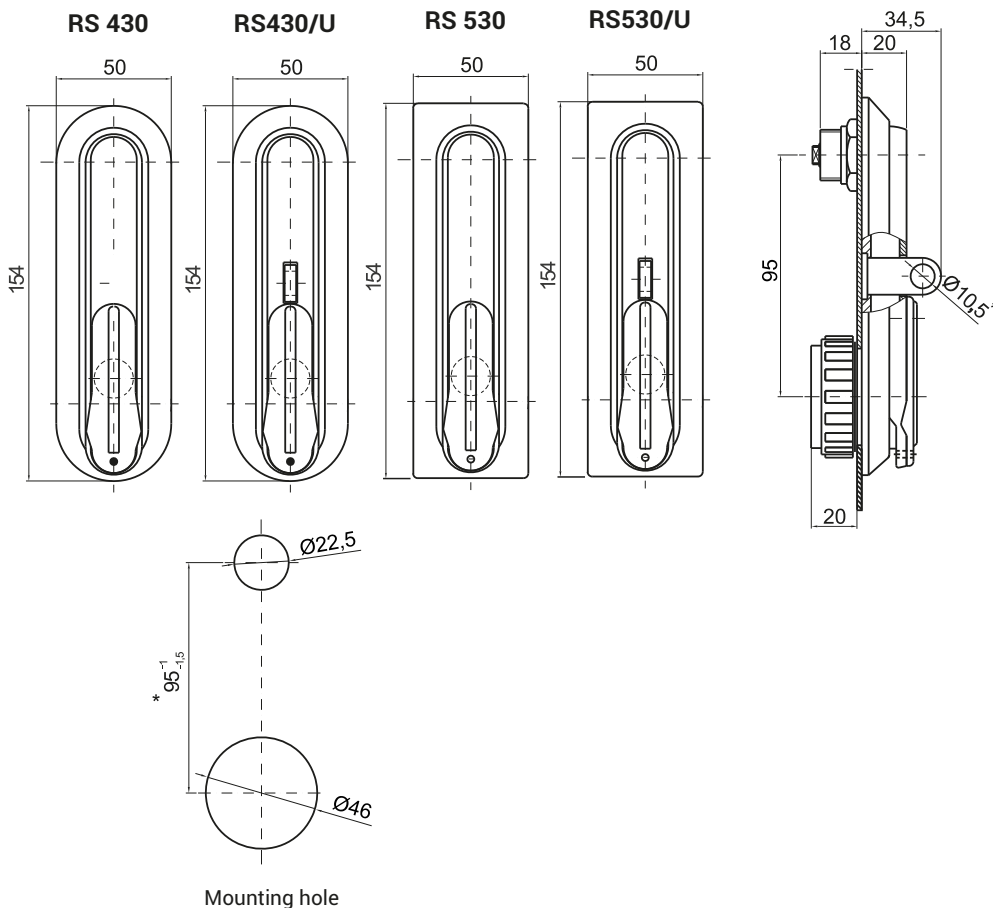
Swinghandle

RS430, RS430/U, RS530, RS530/U



ROZTOCZE

1B



LOCK TYPE	COMPONENTS	MATERIAL
RS 430, RS 430/U	Housing, handle	Poliamide
RS 530, RS 530/U	Padlock ring	ZAMAK
Inserts		
D3	D5	T9
T10	KW 8	S
N		
FINISH [C]		
	RAL 9005	RAL 7035
	07	08

How to order :

RS430/U — T9 — C

Type of lock _____
 Type of insert _____
 Finish _____

LOCK TYPE	COMPONENTS	MATERIAL
RS 430, RS 430/U	Housing, handle	Poliamid
RS 530, RS 530/U	Padlock ring	ZAMAK
Key code		
1333	455E	2342E
405E	1242E	Different code
FINISH [C]		
	RAL 9005	RAL 7035
	07	08

How to order :

RS430/U 1333 C

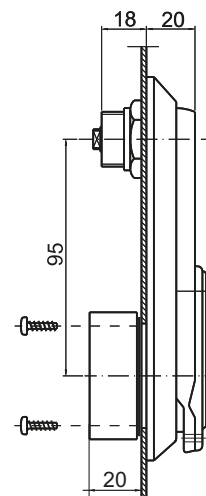
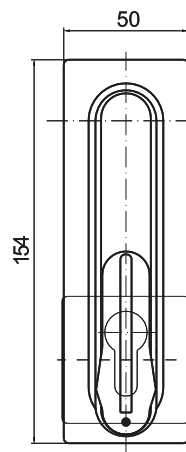
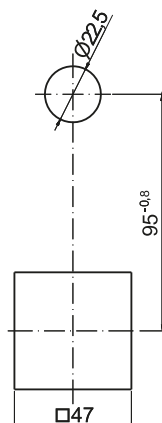
Type of lock _____
 Key code _____
 Finish _____



Lock with handle RS 430, RS 430/U, RS 530, RS 530/U is compatible with cam: 15, 16, 17, 21, 35, 36, JK-10018, H.G dimension to be chosen from pages 1C-10 to 1c-18

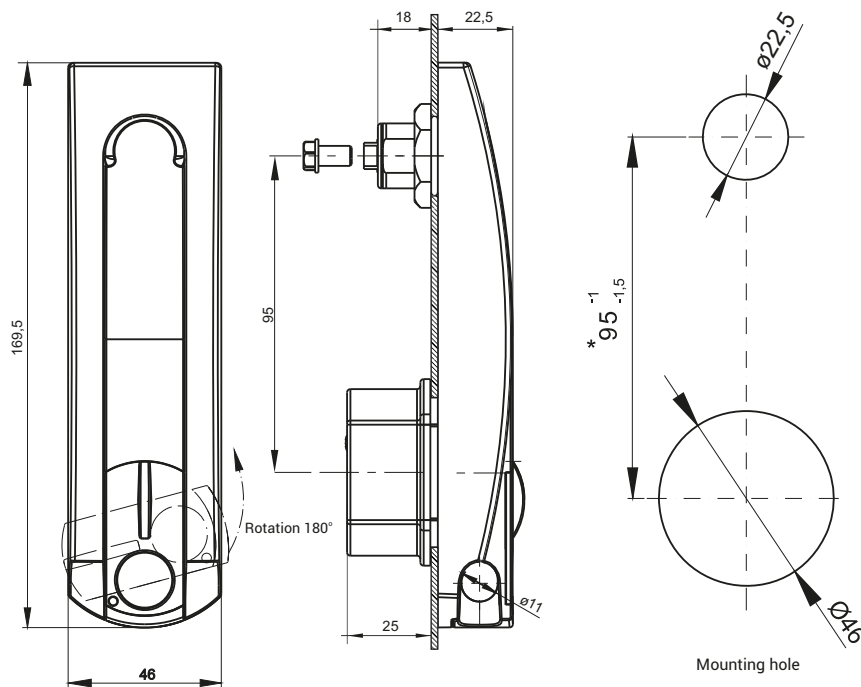


Mounting hole



LOCK TYPE	COMPONENTS	MATERIAL	FINISH [C]	
			RAL 9005	RAL 7035
RS510	Housing, handle	Polyamide - PA6	07	08

• Additionally there is a possibility of putting company logo on a dust cover

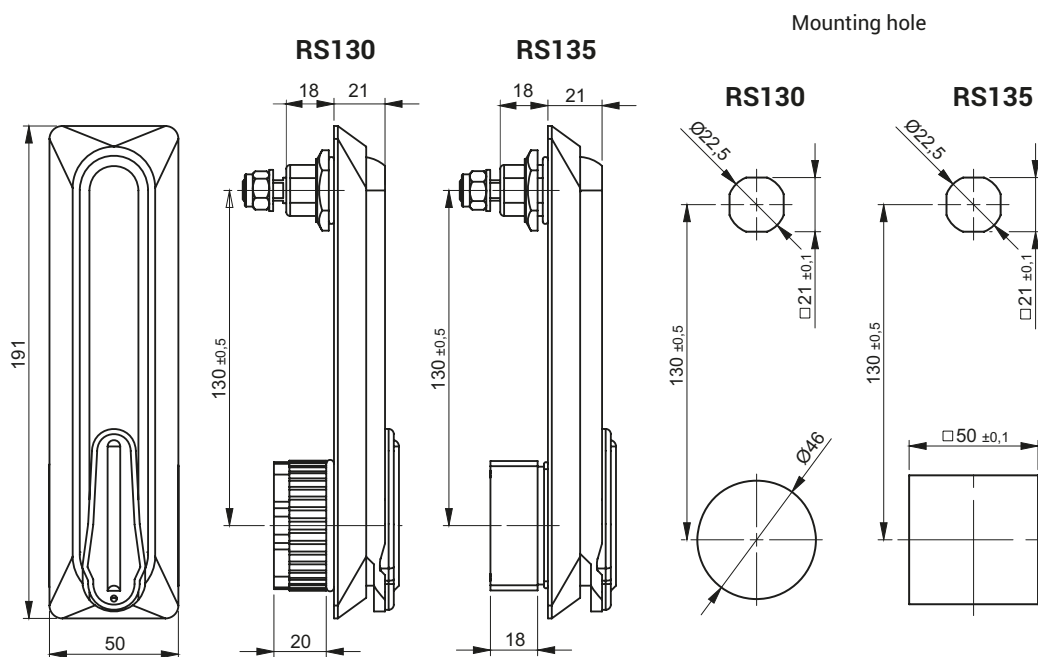


LOCK TYPE	COMPONENTS	MATERIAL	FINISH [C]
			RAL 9005
RS900	Housing, handle	Polyamide - PA6	07

How to order :
Type of lock
Finish

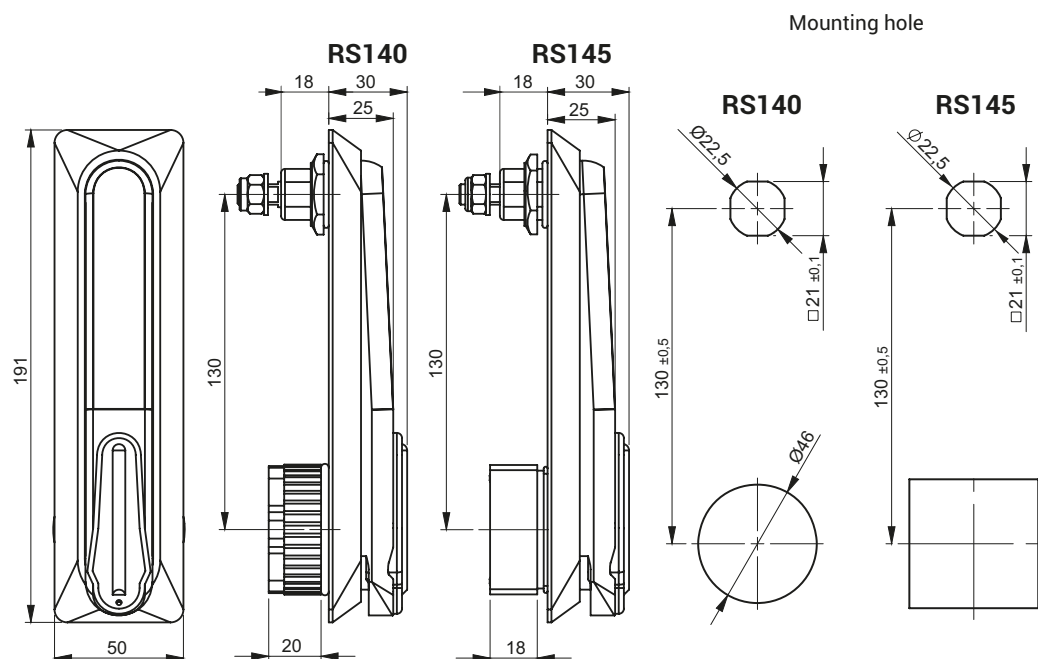


Swinghandle RS130, RS135, RS140, RS145

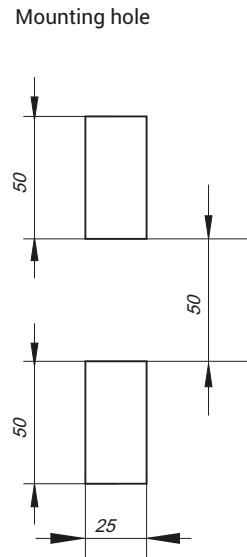
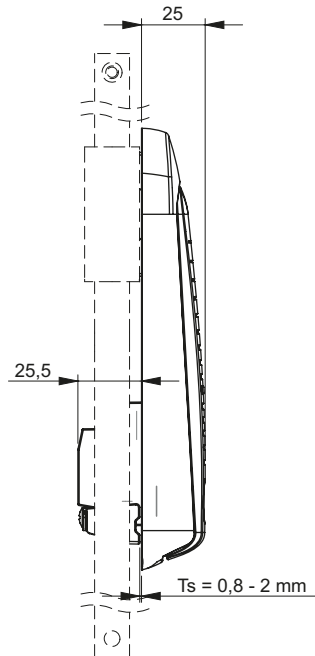
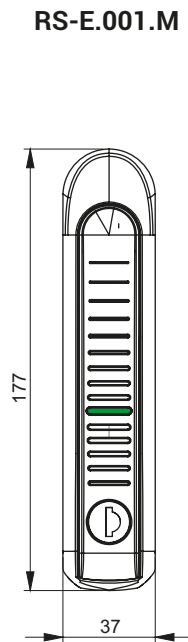
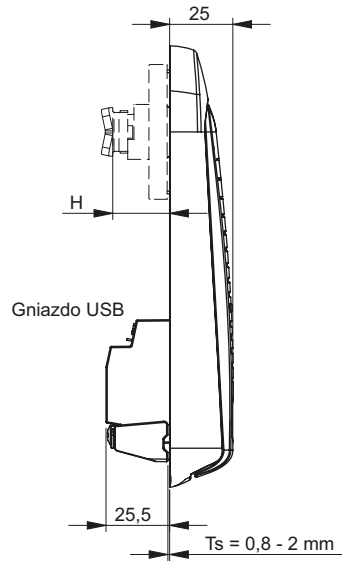
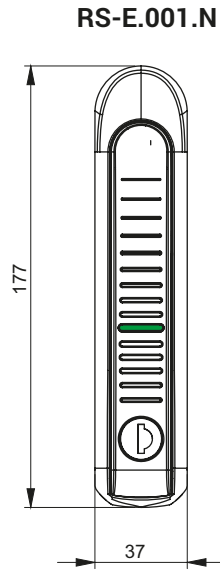


LOCK TYPE	COMPONENTS	MATERIAL
RS130	Housing	Polyamide - PA6 GF30
RS135		
Material and finish [C]		
ZAMAK		Polyamide PA6 GF30
RAL9005		RAL9005
04		07

How to order : **RS130** — **C**
 Type of lock _____
 Material handle, colour _____



NAME	COMPONENTS	MATERIAL	FINISH [C]
RS140	Housing	Polyamide PA6 GF30	RAL 9005 04
RS145	Handle	ZAMAK5	



Power supply 5v 500mA via cable/USB port.

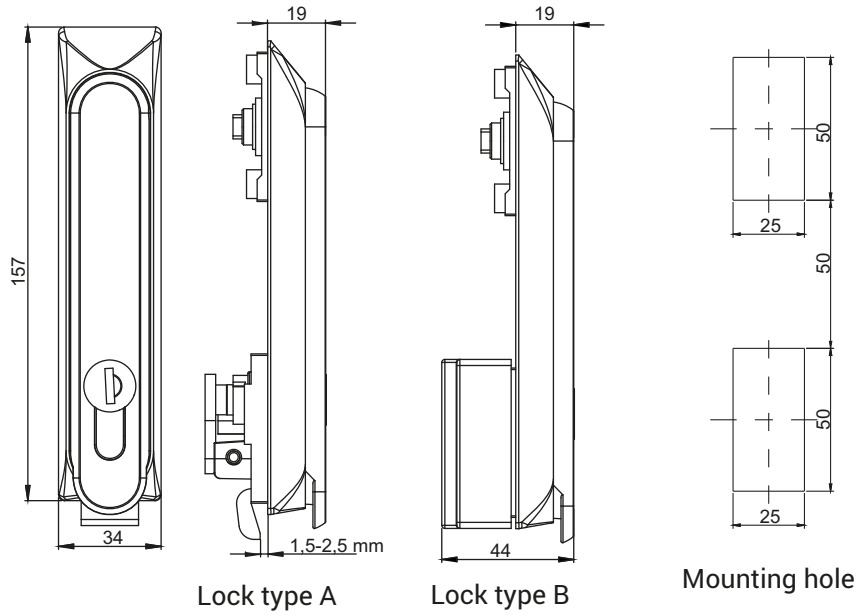
Lock RS-E.001MZ is compatible with cogwheel mechanism MZ2 (pg 1C-26 to 1C-27) - should be ordered separately.

Lock RS-E.001N is compatible with a cap 1C.902.001 (pg 1C-23)

and cams: 1-point from group 11, 13 (pg 1C-8, 1C-9) - should be ordered separately.

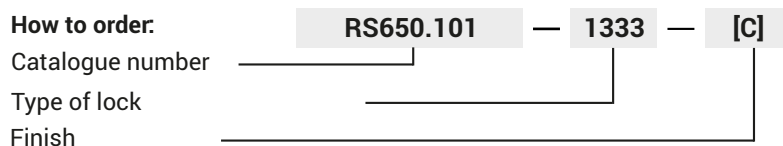
CATALOGUE NUMBER	COMPONENTS	MATERIAL	FINISH [C]
			RAL 9005
RS-E.001.N RS-E.001.M	Handle, housing	PA6 GF30	07
CONFIGURATIONS OF ACCESS ARE POSSIBLE			
+	key + keypad		001
+	key + RFID card		002
+	key + RFID transponder		003

How to order : **RS-E.001.N** — **002** — **[C]**
 Type of lock _____
 Configurations of access _____
 Finish _____

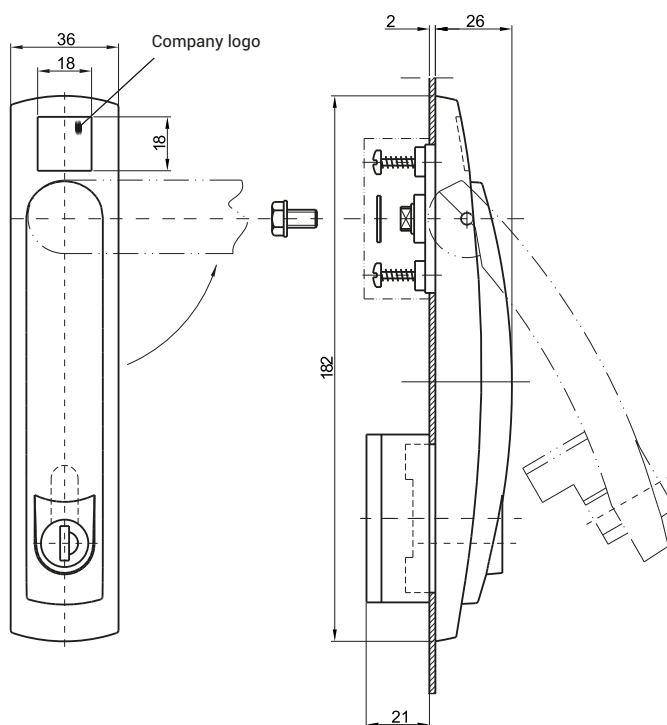


Type lock A	Standard	Pin shaped	—	RS650.001
		Cylinder	—	RS650.002
		Cylinder insert	—	RS650.003
	Ear	Pin shaped	—	RS650.004
		Cylinder	—	RS650.005
		Cylinder insert	—	RS650.006
	Cursor	Pin shaped	—	RS650.007
		Cylinder	—	RS650.008
		Cylinder insert	—	RS650.009
Type lock B	Standard	Pin shaped	—	RS650.101
		Cylinder	—	RS650.102
		Cylinder insert	—	RS650.103
	Ear	Pin shaped	—	RS650.104
		Cylinder	—	RS650.105
		Cylinder insert	—	RS650.106
	Cursor	Pin shaped	—	RS650.107
		Cylinder	—	RS650.108
		Cylinder insert	—	RS650.109

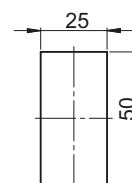
TYPE OF LOCK						COMPONENTS			MATERIAL					
RS 650						Body, Handle			Polyamide PA6 GF30					
KEY CODE						FINISH [C]			PIN					
1333	405E	455E	1242E	2342E	RK	RAL 9005	RAL 7035							
						07	08	D3	D5	T9	T10	KW 8	S	N



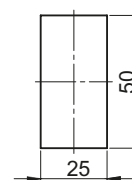
RS600



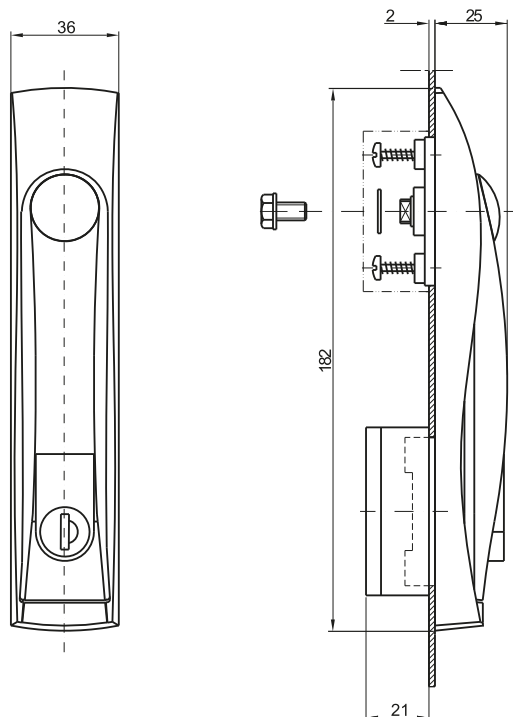
Mounting hole



50



RS610.M RS610.N

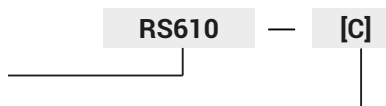


* possibility of making a logo by Pad Printing

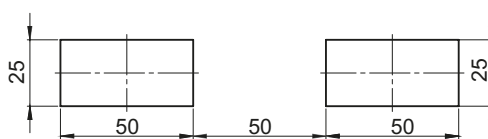
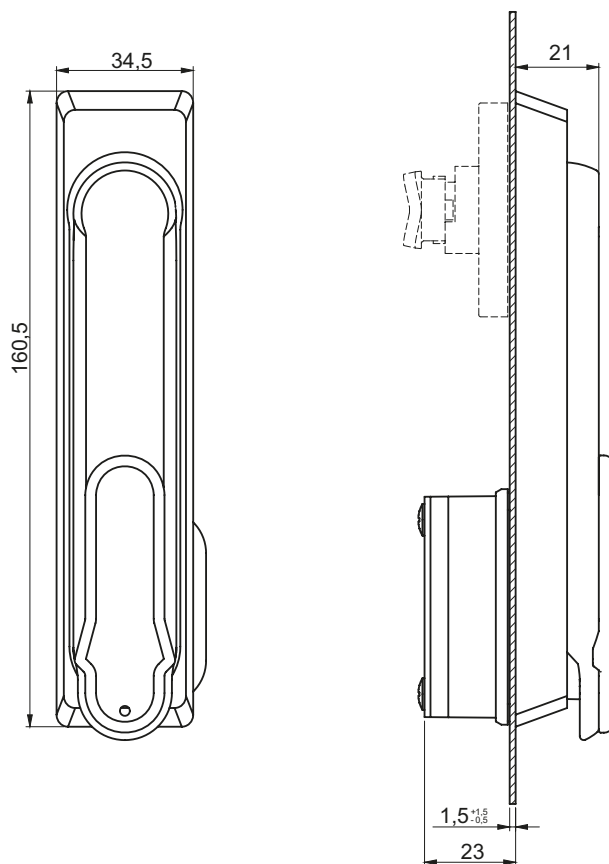
TYPE OF LOCK	COMPONENTS	MATERIAL	FINISH [C]
RS600	Body, Handle	Polyamide PA6 GF30	RAL 9005
RS610			07

How to order:

Type of lock
Finish



IP65



Mounting hole

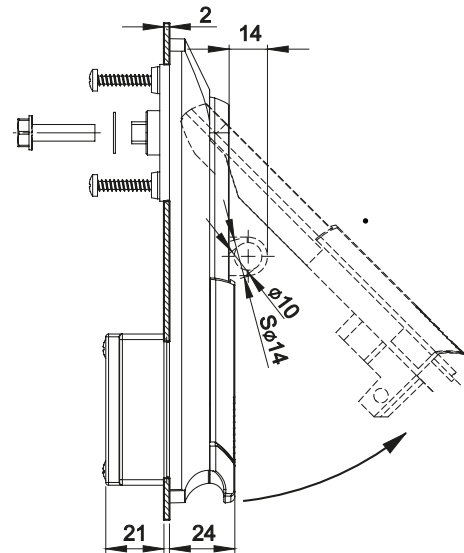
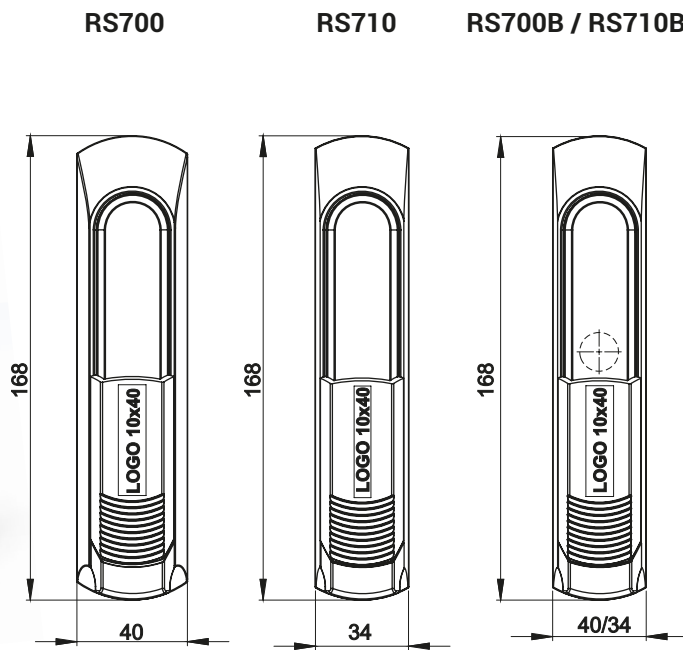
Additional equipment for the MZ cogwheel mechanism
also for the N cap
should be ordered separately check page 1A-3

NAME	COMPONENTS	MATERIAL
RS173.002	Body, Handle	Stainless steel

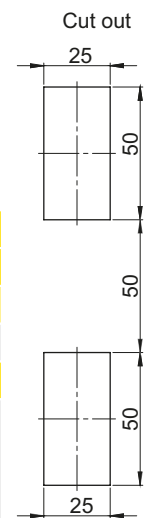
How to order:

Type of lock
Finish





Version for the rod control



Material and colour [C]			
ZAMAK5		POLYAMIDE	
RAL 9005	RAL 7035	RAL 9005	RAL 7035
04	05	07	08
TYPE OF SWINGHANDLE	VERSION	COMPONENTS	MATERIAL
RS700.N	For the cap 1C.902.001	Housing, Sliding dust cover	Polyamide
RS710.N			
RS700B.N			
RS710B.N			
RS700.M	For the rod control	Housing, Sliding dust cover	Polyamide
RS710.M			
RS700B.M			
RS710B.M			

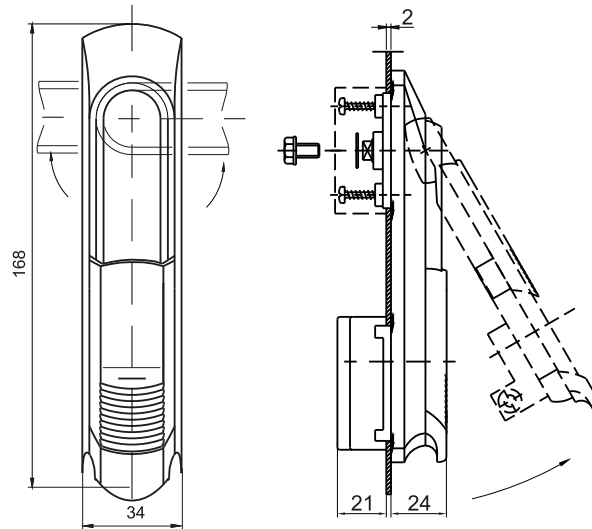
How to order : **RS700B.M** — **[C]**
 Type of lock _____
 Material handle, finish _____

The lock is fitted with profile which should be ordered separately (pg. 1C-1, 1C-2)

The lock is fitted with gear mechanism (pg. 1C-26 to 1C-29)

or the cover plate 1C.902.001 (pg.1C-23), should be ordered separately.

Lock RS700-U, RS710-U - version with the pin for padlock.



LOCK TYPE		VERSION			COMPONENTS		MATERIAL		
RS715.N		Cap 1C.902.001			Body, Handle		Polyamide		
RS715.M		Cogwheel mechanism MZ					Polyamide		
KEY CODE					FINISH [c]				
1333	405E	455E	1242E	2342E	RK	RAL 9005		RAL 7035	
						07		08	

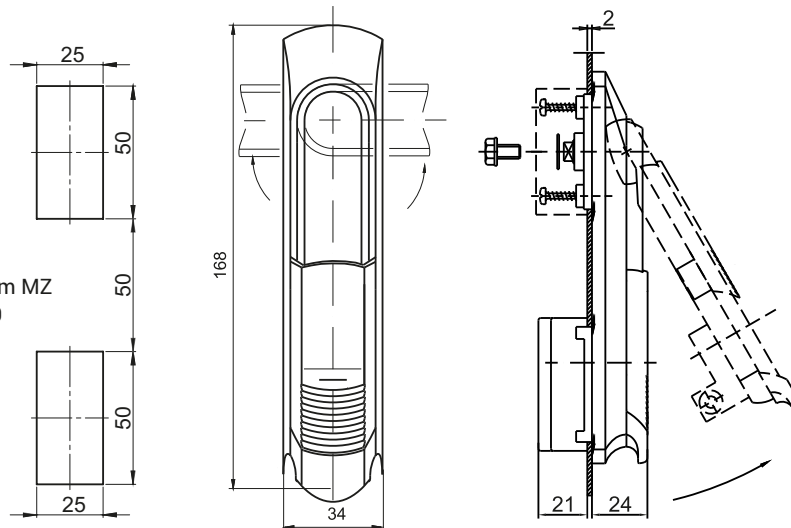
How to order :

Lock type
Pin type
Finish

RS715.M — 1333 — [C]

Cap 1C.902.001
page 1C-23

Cogwheel mechanism MZ
page 1C-24 do 1C-29



LOCK TYPE		VERSION			COMPONENTS		MATERIAL			
RS716.N		Cap 1C.902.001			Body, Handle		Polyamide			
RS716.M		Cogwheel mechanism MZ					Polyamide			
PIN					FINISH [c]					
							RAL 9005		RAL 7035	
D3	D5	T9	T10	KW 8	S	N	07		08	

How to order :

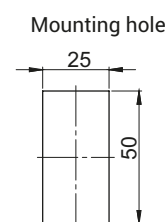
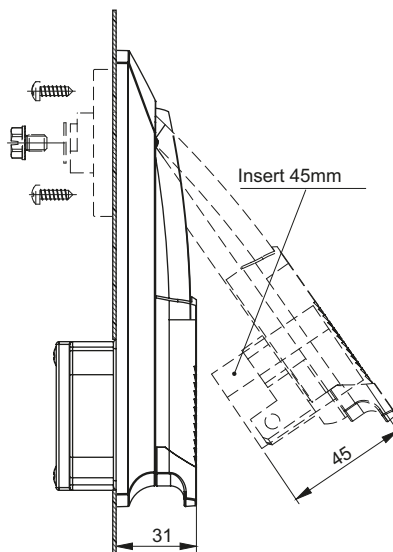
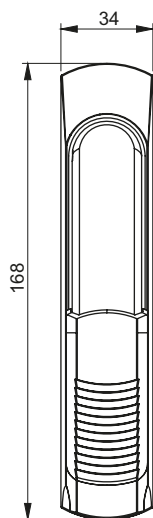
Lock type
Pin type
Finish

RS716.N — T9 — [C]

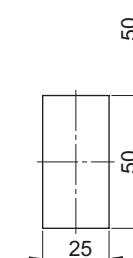
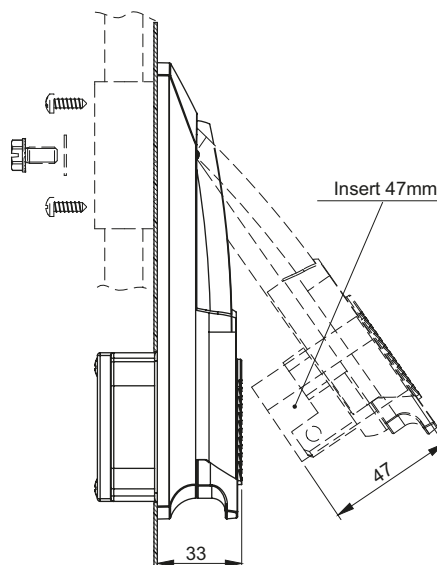
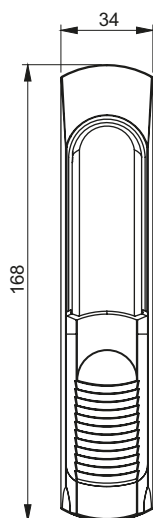
*possibility to make company logo on handle



RS730-45



RS730-47



LOCK TYPE	VERSION	COMPONENTS	MATERIAL	FINISH [C]	
				RAL 9005	RAL 7035
RS730-45.N	For the cap 1C.902.001	Housing, Handle	Polyamide PA GF30	07	08
RS730-47.N					
RS730-45.M	For the rod control				
RS730-47.M					

How to order :

RS730-45.N — [C]

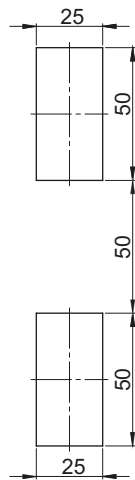
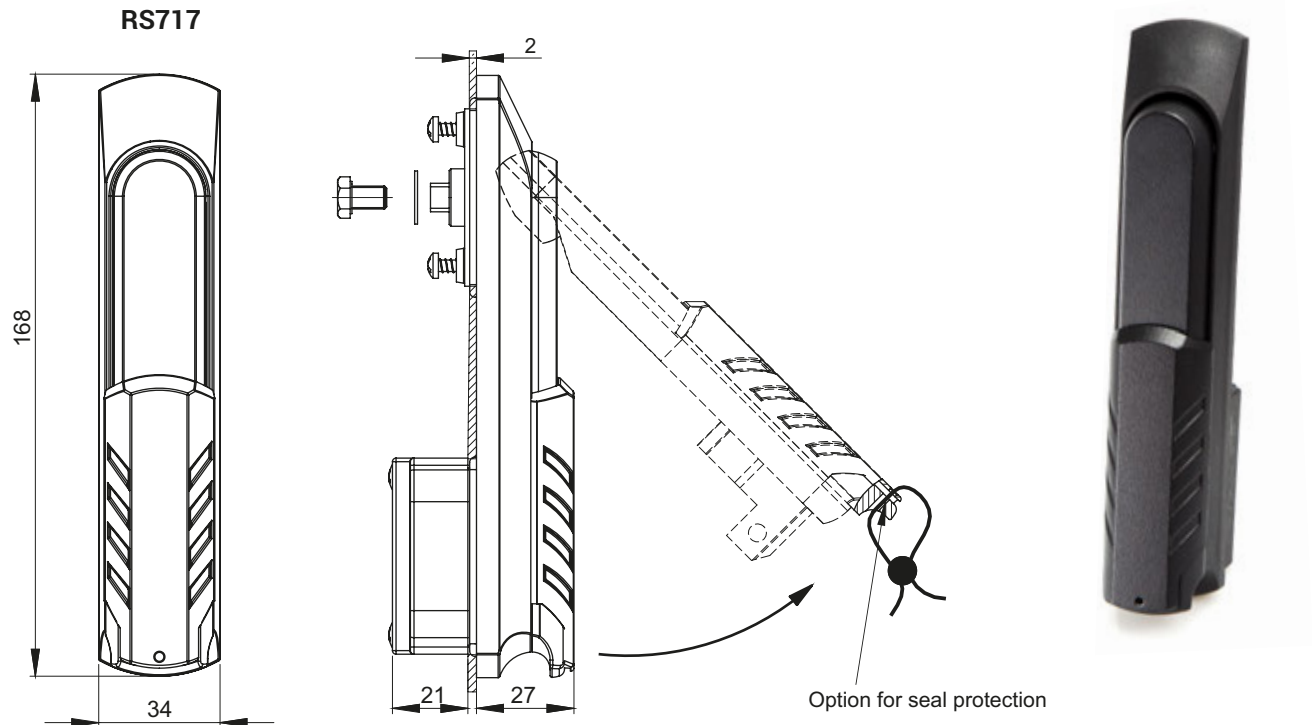
Lock type

Finish

The lock is fitted with profile which should be ordered separately (pg. 1C-1, 1C-2)

The lock is fitted with gear mechanism (pg. 1C-26 to 1C-29)

or the cover plate 1C.902.001 (pg.1C-23), should be ordered separately.

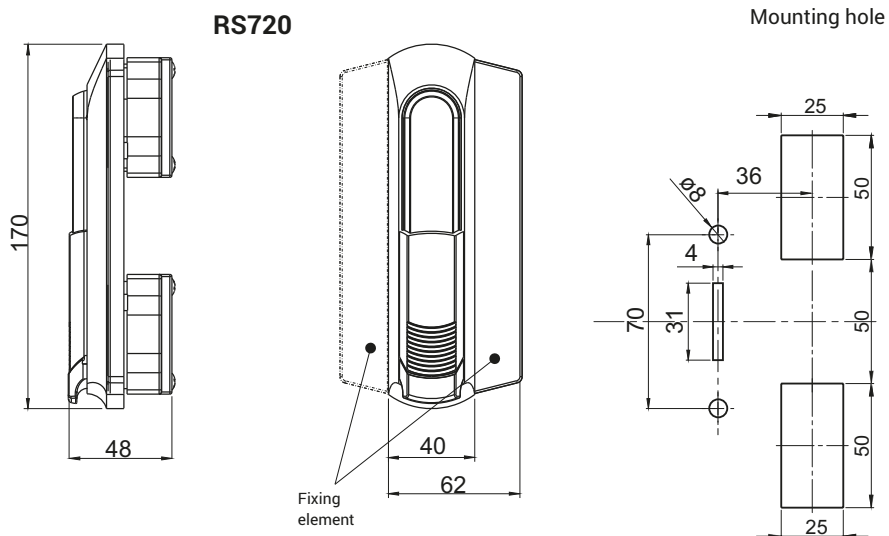


Cut out

TYPE OF LOCK	VERSION	COMPONENTS	MATERIAL	FINISH [C]	
				RAL 9005	RAL 7035
RS717.N	For the cap 1C.902.001	Housing	PA6 GF30	04	05
RS717.M	For the rod control	Handle, Slide	ZAMAK		

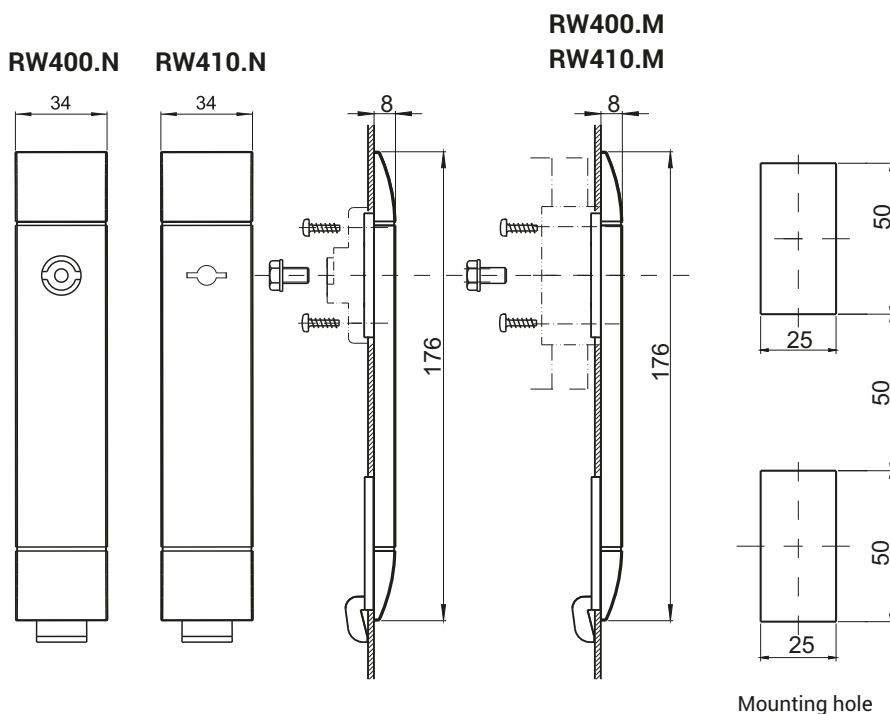
How to order : **RS717.M** — **[C]**
 Type of lock _____
 Finish _____

The lock is fitted with profile which should be ordered separately (pg. 1C-1, 1C-2)
 The lock is fitted with gear mechanism (pg. 1C-26 to 1C29)
 or the cover plate 1C.902.001 (pg. 1C-23), should be ordered separately.
 Option for seal protection.



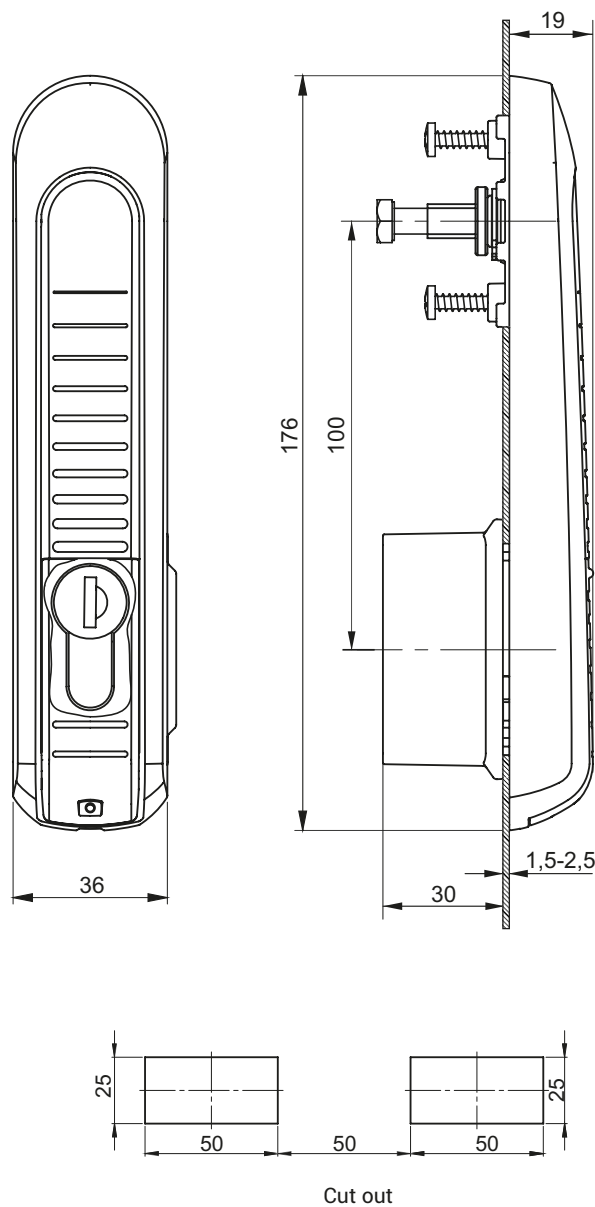
NOTE:
Fixing element can be fixed on left and right side of the lock

TYPE OF LOCK	COMPONENTS	MATERIAL	FINISH [C]
			RAL 9005
RS720.001	Body, Handle, Fixing element	Polyamide	07
RS720.002	Body, Fixing element	Polyamide	07
	Handle	ZAMAK	04



TYPE OF LOCK	COMPONENTS	MATERIAL	FINISH [C]
			RAL 9005
RW400.N, RW410.N RW400.M, RW410.M	Body	Polyamide	07

How to order : **RW400.N** — **[C]**
 Type of lock _____
 Finish _____

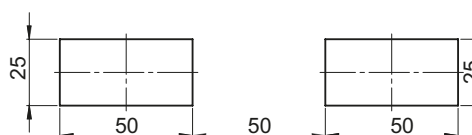
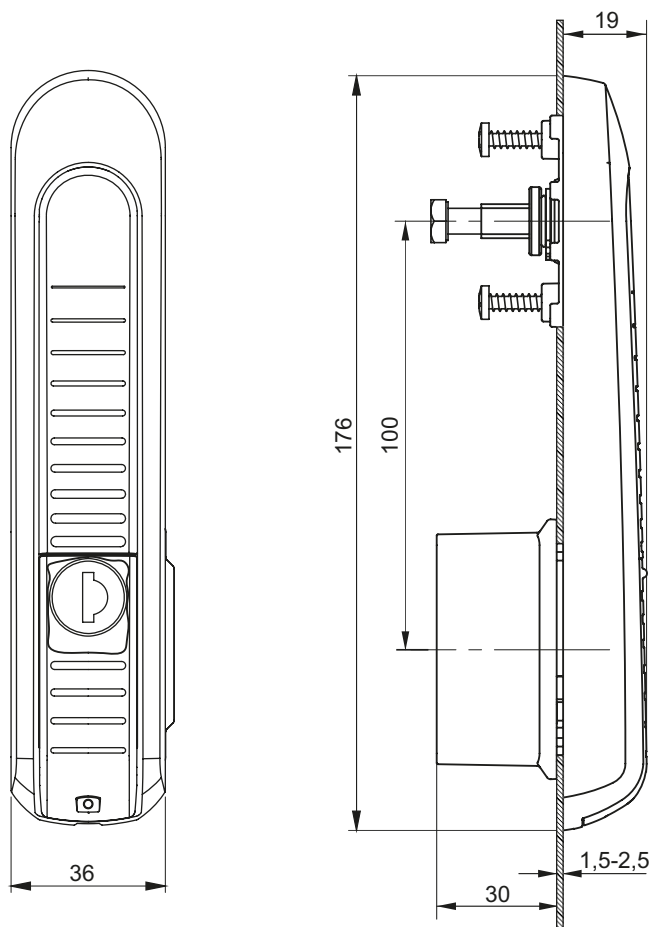


TYPE OF LOCK RS761	RS761.N	Version for a cap
	RS761.M	Version for a cogwheel mechanism

COMPONENTS	MATERIAL	FINISH [C]	
		RAL9005	RAL7035
Housing	Polyamide PA6 GF30	07	08
Handle			
Sliding dust cover			

How to order :
 Type of lock **RS761.N** — **[C]**
 Finish

All components to order separately for version under a cap and a cogwheel mechanism are shown in charts, check pg. 1B-21
 Patented insert to order separately, check pg 1C-1 to 1C-2.



Cut out

TYPE OF LOCK RS762	RS762.N	Version for a cap
	RS762.M	Version for a cogwheel mechanism

COMPONENTS	MATERIAL	FINISH [C]		Cylinder profile					Different code RK
		RAL9005	RAL7035	Key code					
Housing	Polyamide PA6 GF30	07	08	1333	405E	455E	1242E	2342E	
Handle									
Sliding dust cover									

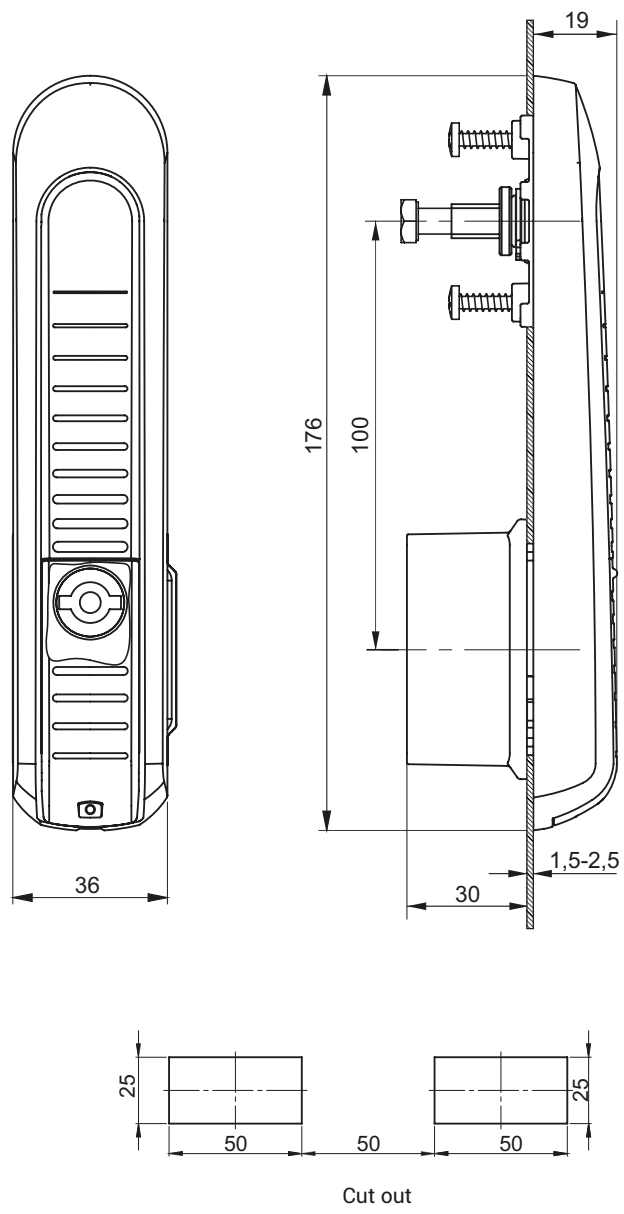
How to order : **RS762.N** — **1333** — **[C]**

Type of lock _____

Key code _____

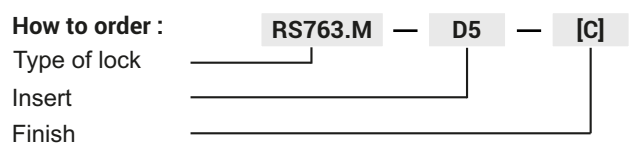
Finish _____

All components to order separately for version under a cap and a cogwheel mechanism are shown in charts, check pg. 1B-21



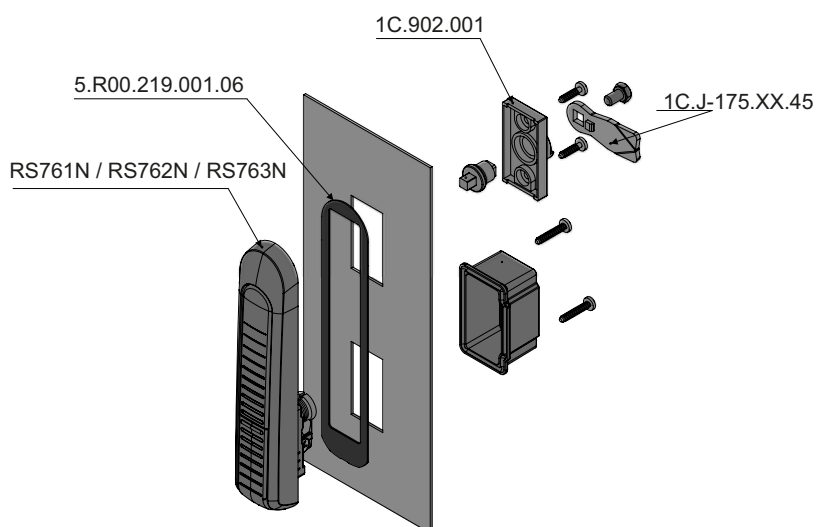
TYPE OF LOCK RS763	RS763.N	Version for a cap
	RS763.M	Version for a cogwheel mechanism

COMPONENTS	MATERIAL	FINISH [C]		Shaped profile						
		RAL9005	RAL7035	Inserts						
Housing	Polyamide PA6 GF30	07	08	D3	D5	T8	T9	KW8	S	N
Handle										
Sliding dust cover										



All components to order separately for version under a cap and a cogwheel mechanism are shown in charts, check pg. 1B-21

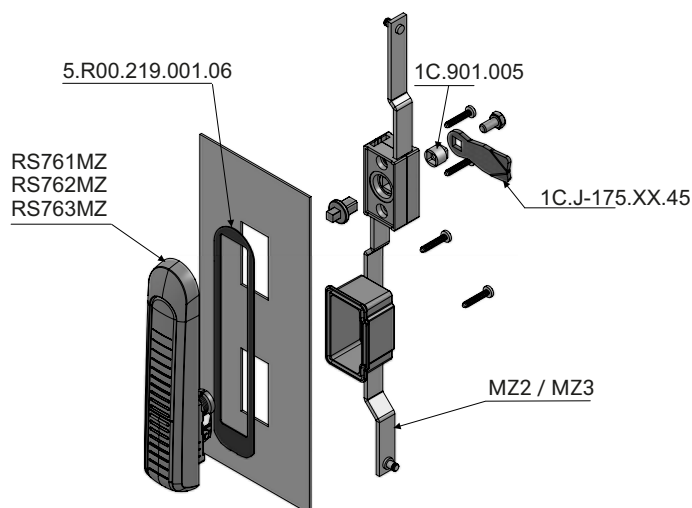
Swinghandle version for a cap



Components ordered separately

TYPE OF LOCK	DETAIL	PAGE
RS761.N RS762.N RS763.N	Cap 1C.902.001 / 1C.902.003	1C-23
	1-point cam, group: 11, 13	1C-8, 1C-9
	2-point cam, group: 21	1C-13
	3-point cam, group: 31, 33	1C-15, 1C-16
	Rods	1C-3, 1C-4
	Rod guide	1C-5
	Gasket IP65 5.R.00.219.001.06	-

Locks for the gear mechanism

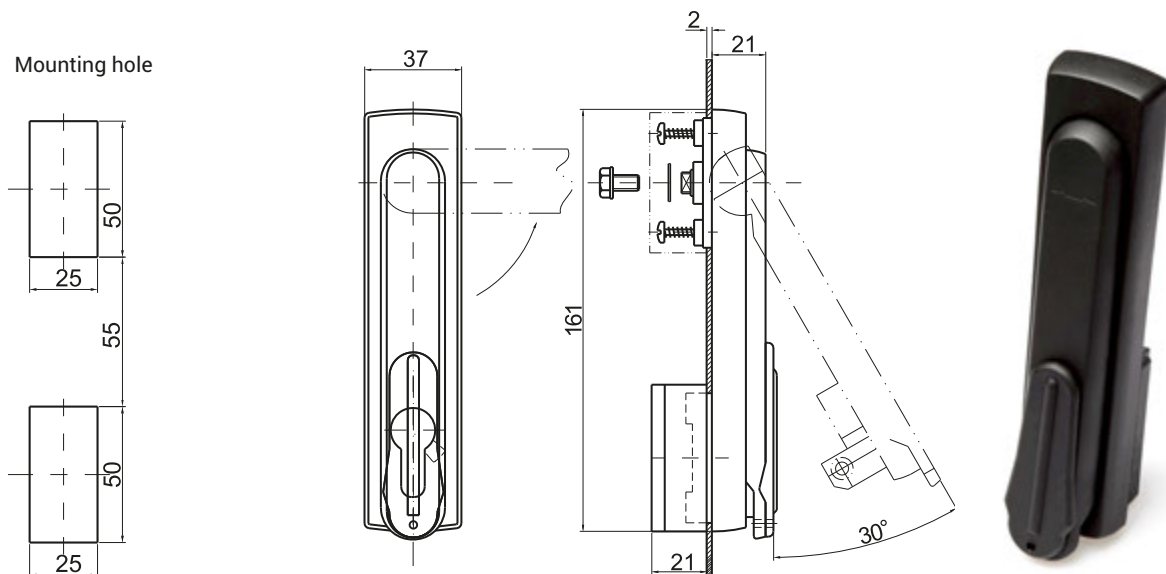


Components ordered separately

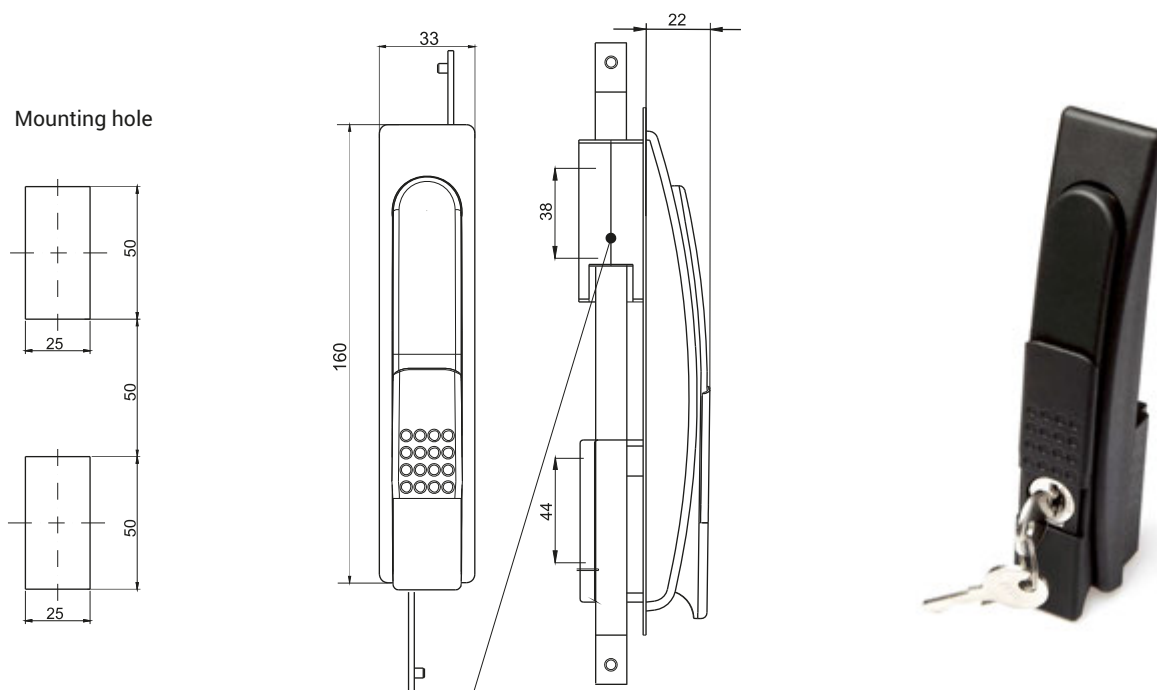
TYPE OF LOCK	DETAIL	PAGE
RS761.M RS762.M RS763.M	Cogwheel mechanism MZ2 / MZ3	1C-26 - 1C-29
	1-point cam, group: 11, 13	1C-8, 1C-9
	Bushing 1C.901.005	1C-23
	Flat rod	1C-30 - 1C-36
	Flat rod guide and brackets	1C-5,6, 1C-31 - 1C-35
	Gasket IP65 5.R.00.219.001.06	-

Standard lock has a class of IP54.

In case of using an additional gasket number 5.R00.219.001.06 (to be ordered separately), the lock has a class of IP65.



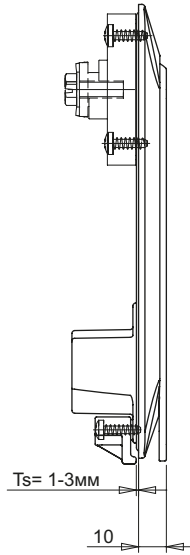
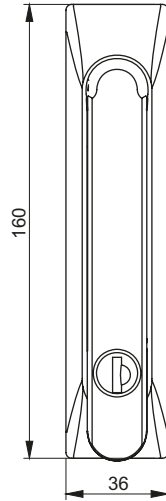
TYPE OF LOCK	COMPONENTS	MATERIAL	FINISH [C]	
			RAL9005	RAL7035
RS300.N RS300.M	Body, Handle,	Polyamide PA6 GF30	07	08



Cogwheel mechanism, page 1C-24

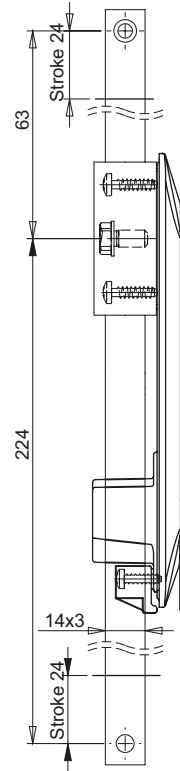
TYPE OF LOCK	COMPONENTS	MATERIAL	FINISH [C]	
			RAL9005	RAL7035
RS750.N RS750.M	Body, Handle,	Polyamide PA6 GF30	07	08

How to order : **RS750.M** — **[C]**
 Type of lock —
 Finish —

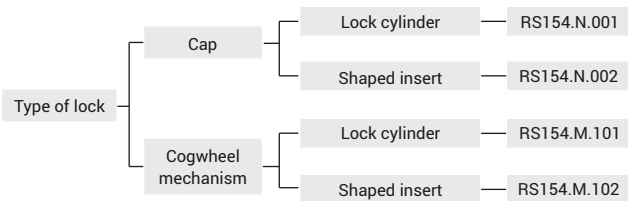
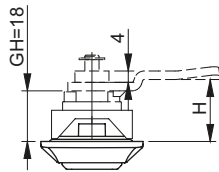
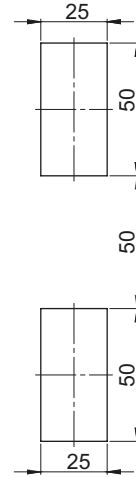


RS154.N

RS154.M



Mounting hole



COMPONENTS	MATERIAL	FINISH [C]		LOCK CYLINDER		SHAPED INSERT	
		RAL 9005	RAL 7035	KEY CODE		INSERT	
Body	PA6 GF30	07	08	Different code RK	1333	T9	KW8
Handle		07	08				
Cap		07	-				
Adapter	ZAMAK	-	-				
Cogwheel mechanism	PA6 GF30	07	-				
Tie-rod MZ	Steel*	Zinc plated					

How to order:

- Type of lock
- Type of insert
- Body finish
- Handle finish

RS154.M.101 — 1333 — [C] — [C]

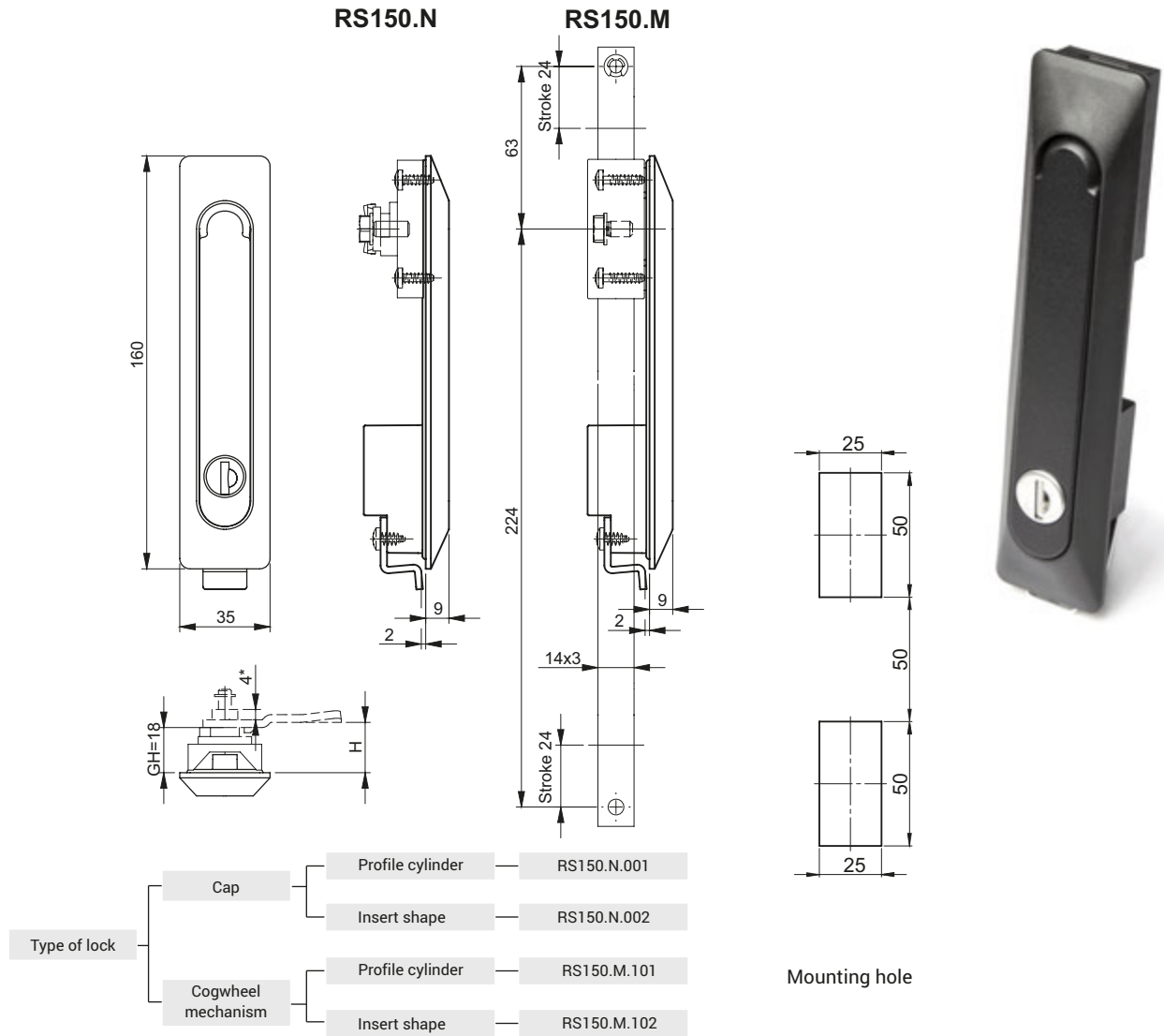
Lock comes as a set in version for cogwheel mechanism or a cap.
All necessary components are attached.

Additional components ordered separately, check page:

- 1 point cam (group: 11, 13)..... pg: 1C-8, 1C-9
- 2 point cam JA-20018 ver. 3 (group: 21)..... pg: 1C-13
- 3 point cam (group: 38) pg: 1C-20
- Rods..... pg: 1C-3, 1C-4
- Flat rod..... pg: 1C-30 to 1C-36

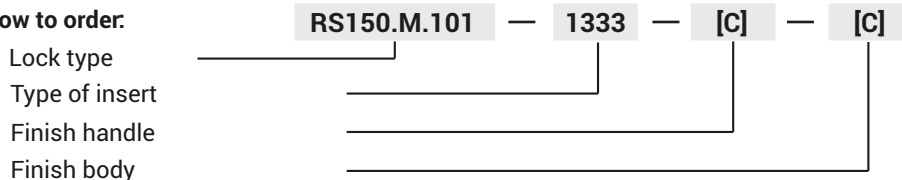
Notes:

- Ts- mounting sheet thickness
- *stainless steel tie-rod available



COMPONENTS	MATERIAL	FINISH			PROFILE CYLINDER		INSERT SHAPE	
		CHROM	RAL 9005	RAL 7035	KEY CODE		INSERT	
Body	PA6 GF30	-	07	08	Different code RK	1333	T9	KW8
Handle	ZAMAK	01	04	05				
Cap	PA6 GF30	-	07	-				
Cam adapter	ZAMAK	-	-	-				
Cogwheel mechanism	PA6 GF30	-	07	-				
Tie-rod MZ	Steel	Zink plated						

How to order:



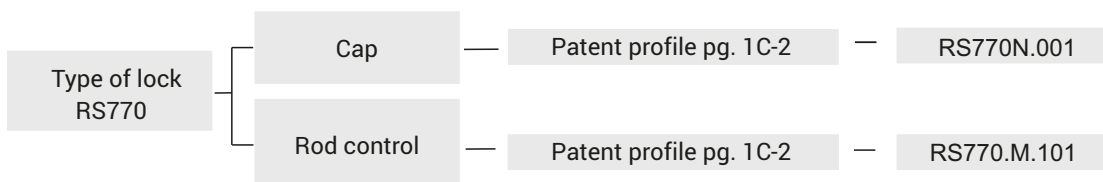
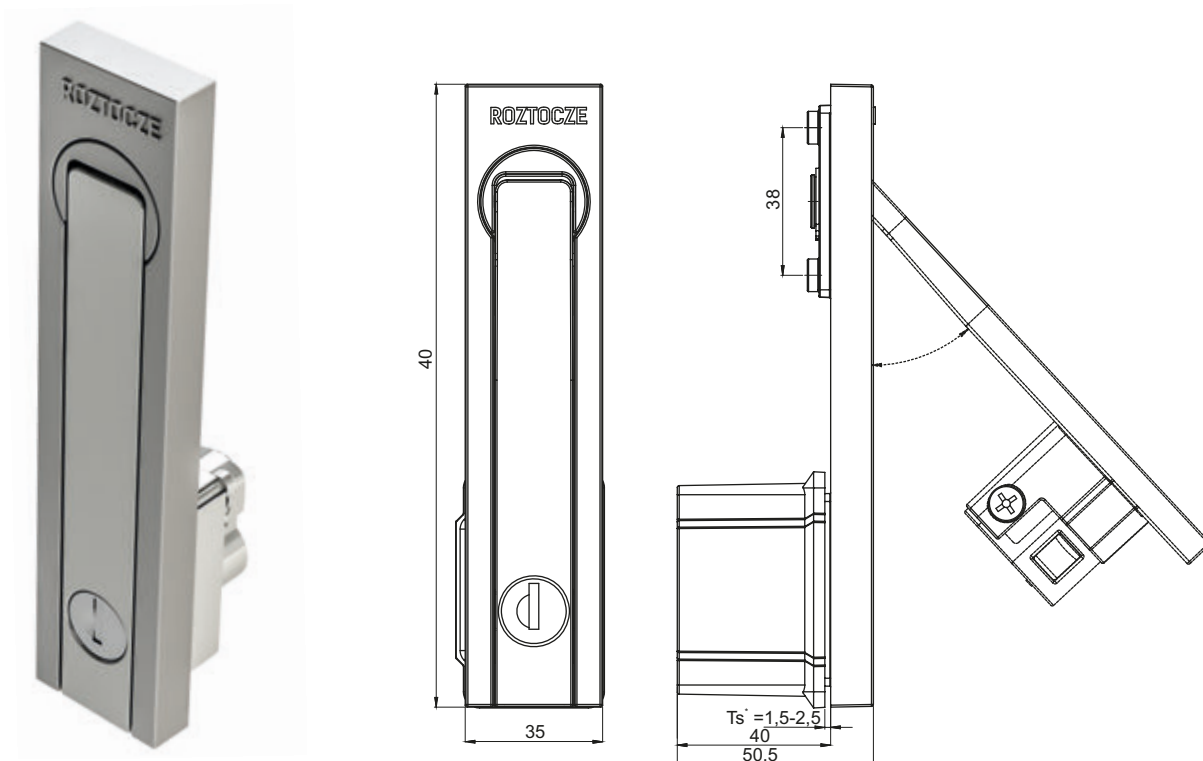
Lock comes in a set in version for cogwheel mechanism and for a cap.

All components for assembly are attached in a set.

Additional components ordered separately, check page:

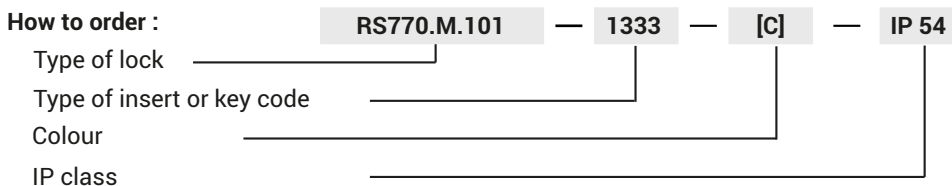
- 1 point cam (group: 11, 13)..... pg: 1C-8, 1C-9
- 2 point cam JA-20018 ver. 3 (group: 21)..... pg: 1C-13
- 3 point cam (group: 38)..... pg: 1C-20
- Rods..... pg: 1C-3, 1C-4
- Flat rods..... pg: 1C-30 to 1C-36

Tie-rods of cogwheel mechanism available in stainless steel



Note: Limited availability, for special request.

TYPE OF SWINGHANDLE						COMPONENTS				MATERIAL				
RS 770						Housing, Handle				ZAMAK5				
Key code						FINISH [C]				Inserts				
1333	405E	455E	1242E	2342E	RK	RAL 9005	RAL 7035	D3	D5	T8	T9	KW 8	S	N
						04	05							

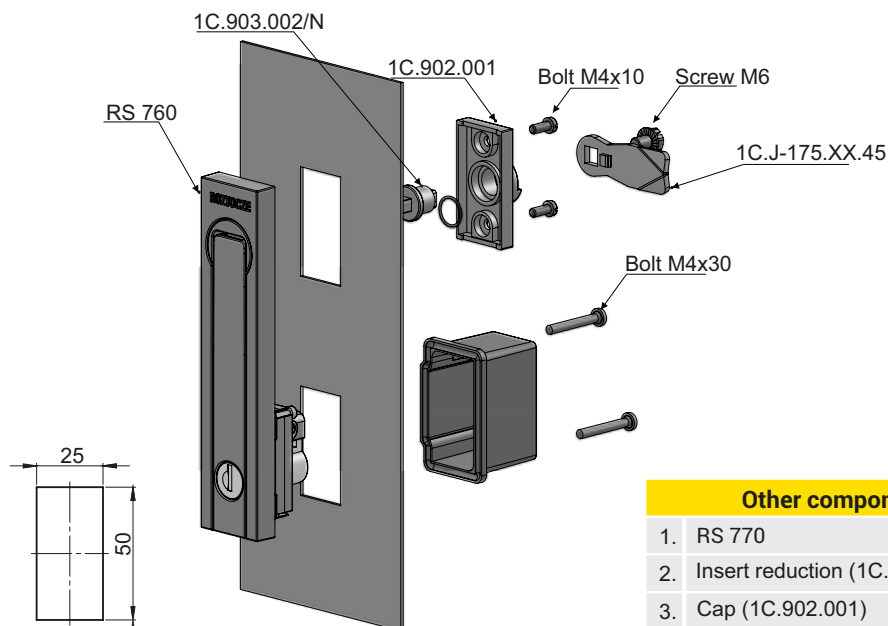


* While ordering swinghandle with patent profile give the key type
 ** Ts - thickness of a metal sheet

Notice: possibility to use profiles ASSA ABLOY : CY321T, CL619B, CL619N

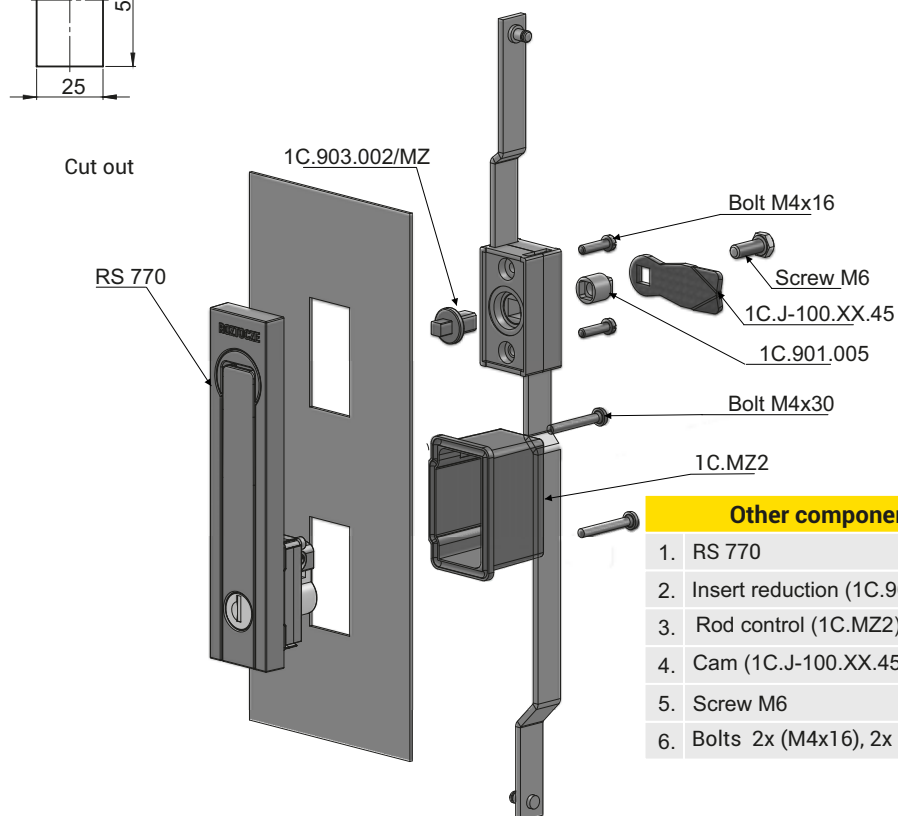
* possibility to order in different dimension

Swinghandle for the cap RS770N



	Other components	Catalogue no.
1.	RS 770	-
2.	Insert reduction (1C.903.002/N)	-
3.	Cap (1C.902.001)	pg. 1C-23
4.	Cam (1C.J-175.XX.45)	pg. 1C-8
5.	Screw M6	-
6.	Bolts 2x (M4x10), 2x (M4x30)	-

Swinghandle for rod control RS770MZ

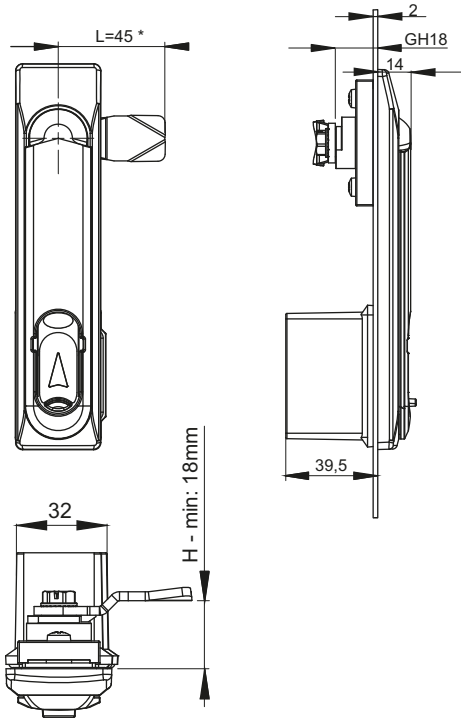


	Other components	Catalogue no.
1.	RS 770	-
2.	Insert reduction (1C.903.002/N)	-
3.	Rod control (1C.MZ2)	pg. 1C-26 - 1C-27
4.	Cam (1C.J-100.XX.45)	pg. 1C-10
5.	Screw M6	-
6.	Bolts 2x (M4x16), 2x (M4x30)	-

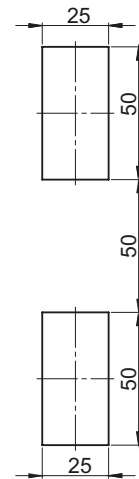
Notice : Other products ordered separately

- Flat rod..... pg 1C-30 - 1C-36
- Rod..... pg 1C-3,1C-4
- Rod guides pg 1C-5,1C-6

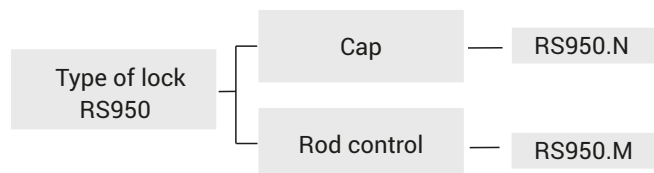
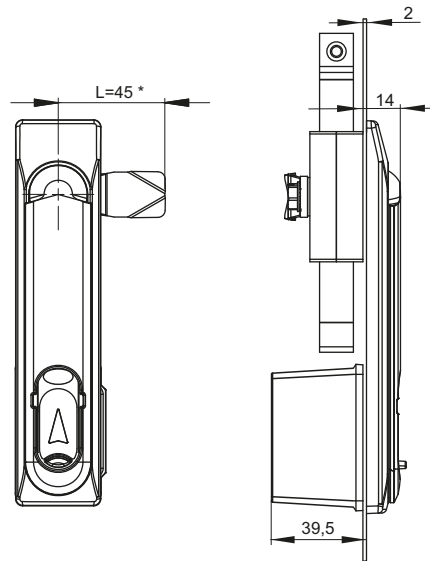
Version N



Mounting hole

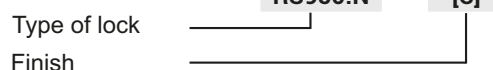


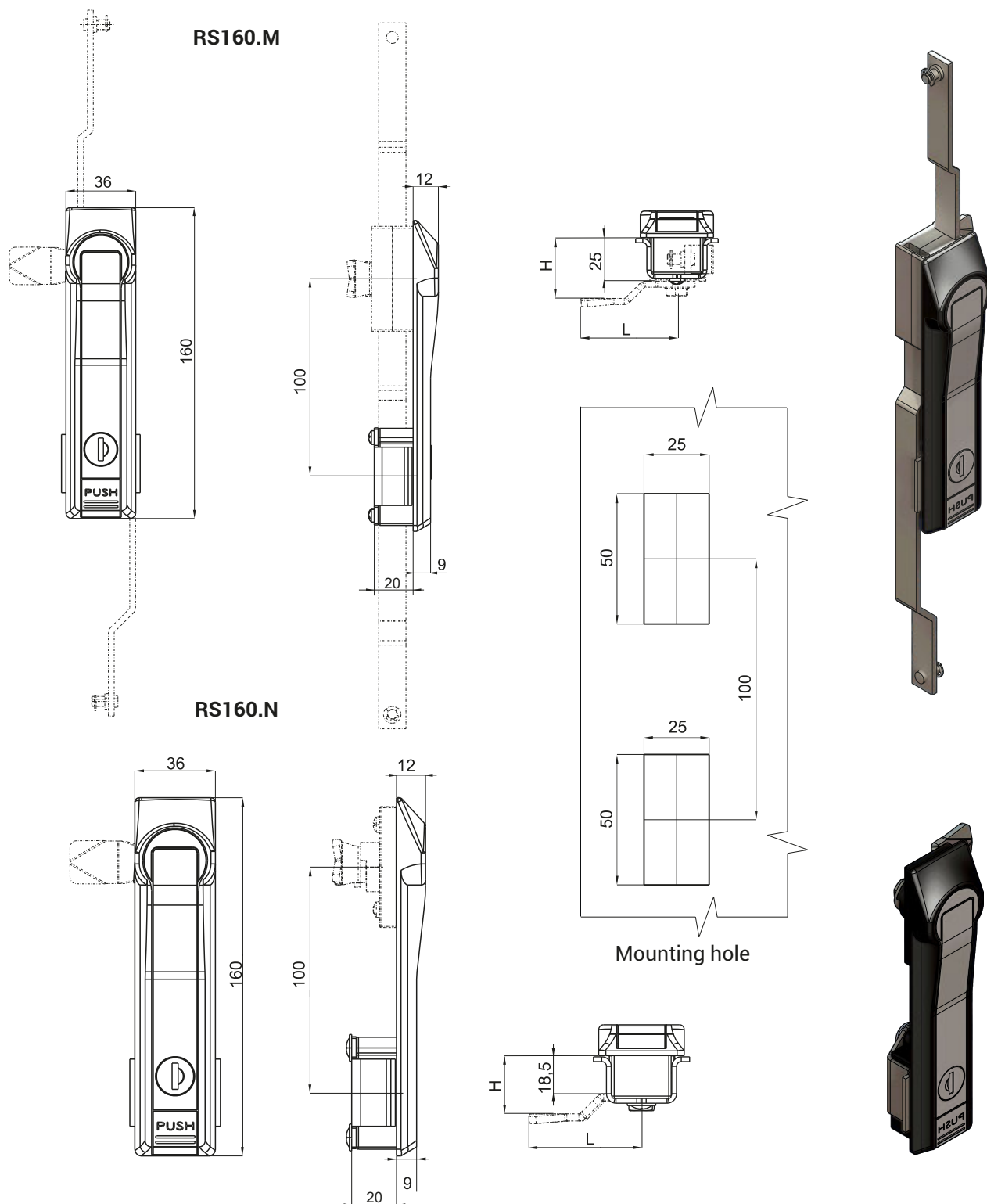
Version M



TYPE OF LOCK	COMPONENTS	MATERIAL	FINISH [C]
			RAL9005
RS950	Body, Handle	ZAMAK5	04

How to order :





TYPE OF LOCK	COMPONENTS	MATERIAL	FINISH [C]	
			Chrome	RAL 9005
RS160.N RS160.M	Body	Polyamide	-	07
	Handle	ZAMAK5	01	04

How to order :

Type of lock
Finish body
Finish handle



RS161.N

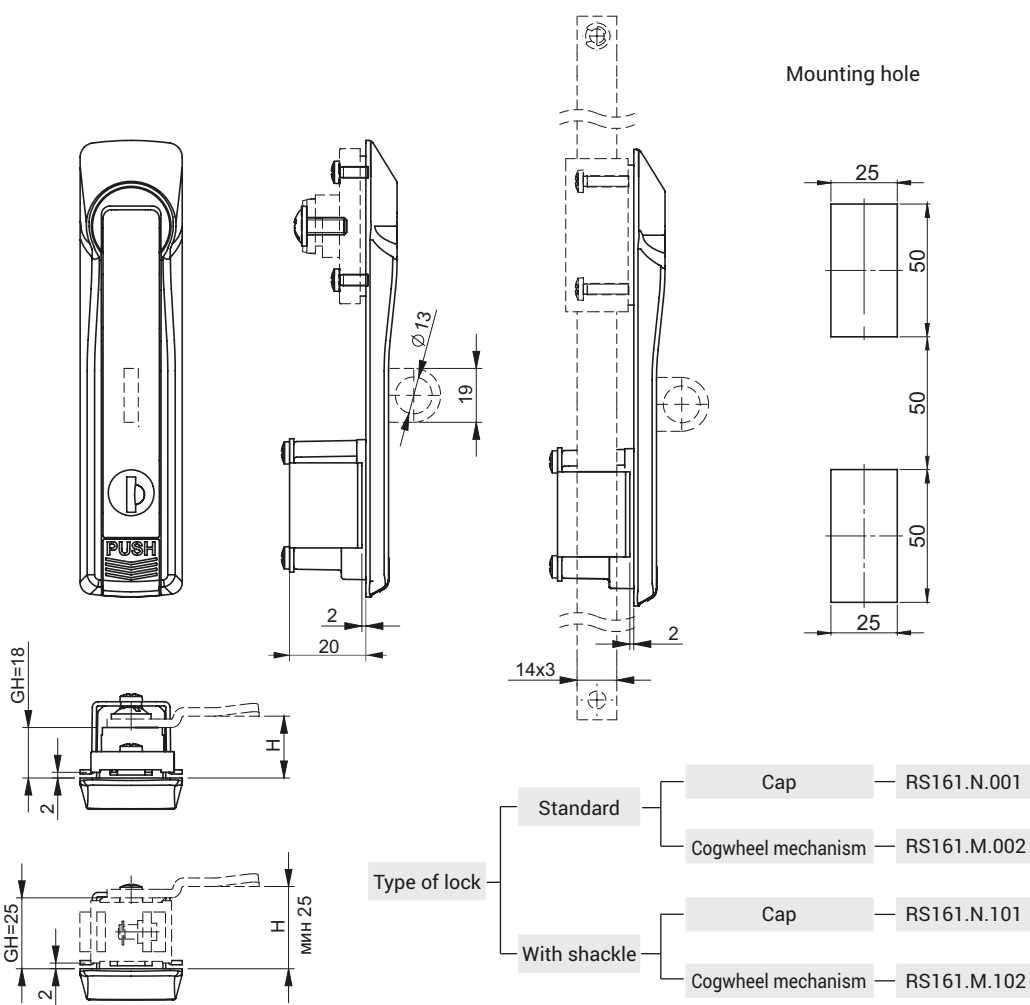
RS161.M



Standard version



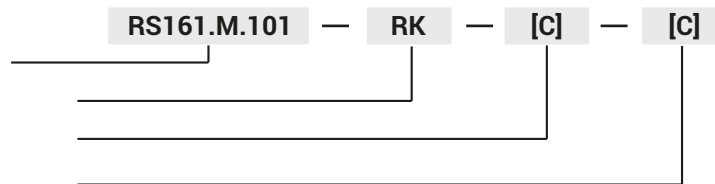
Version with shackle



COMPONENTS	MATERIAL	FINISH [C]			LOCK CYLINDER	
		CHROME	RAL 9005	CHROME SATYNA	KEY CODE	
Body	ZAMAK5	01	04	09	Different code	1333
Handle		01	04	09		
Clamp*	Steel	O cynk galwaniczny			RK	

How to order:

- Type of lock
- Type of insert
- Housing finish
- Handle finish



Additional components ordered separately check page:

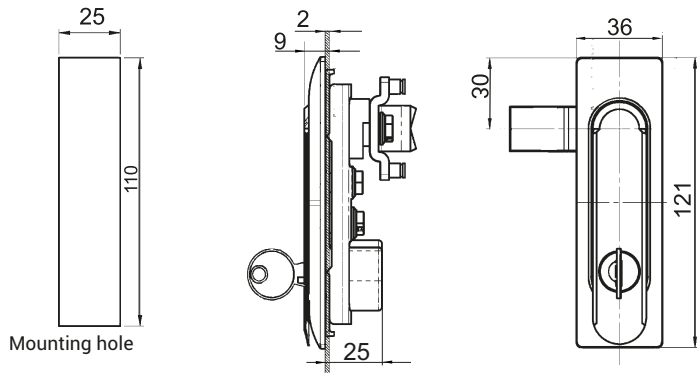
- Cap 1C.902.001.....pg: 1C-23,
- Cogwheel mechanism MZ2, MZ3.....pg: 1C-26 to 1C-29,
- Cam adapter 1C.903.001.....pg: 1C-23,
- 1 point cam (group: 11, 13).....pg: 1C-8, 1C-9,
- Rods.....pg: 1C-3, 1C-4,
- Flat rods.....pg: 1C-30 to 1C-36

Notes:

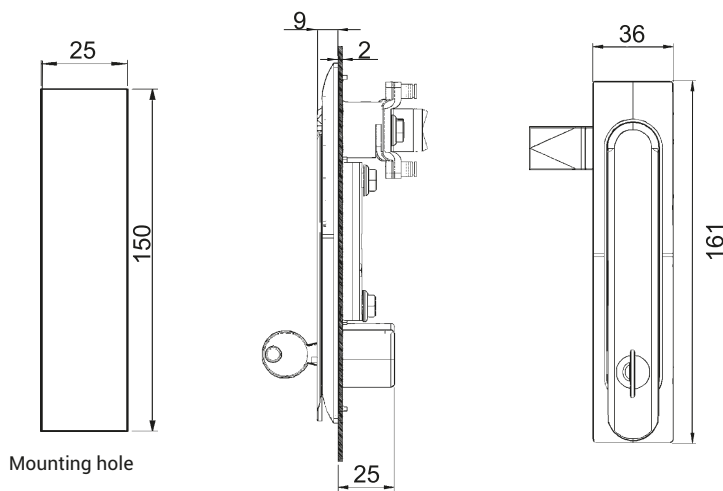
Lock RS161MZ is compatible with cogwheel mechanism MZ2 and MZ3.

While using 1 point cam with cogwheel mechanism ordering can adapter (1C.903.001) (pg 1C-23) and screw M6X23 is a necessity.

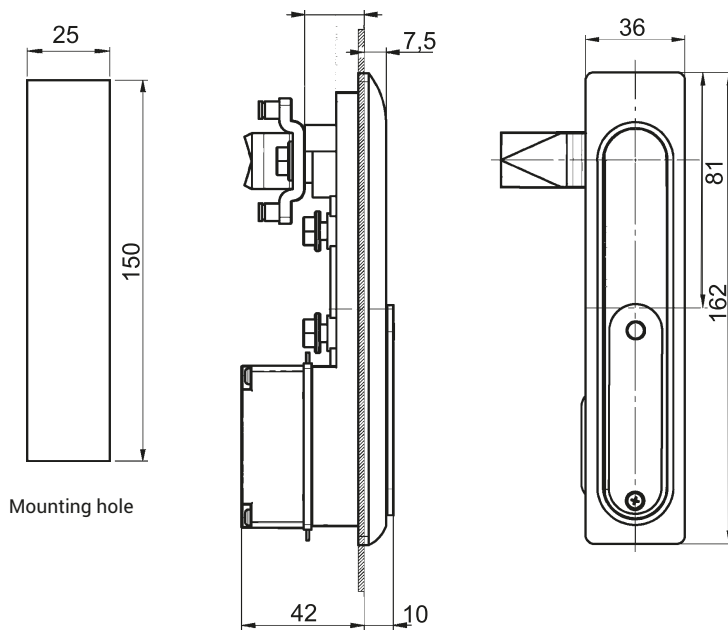
* Stainless steel available.



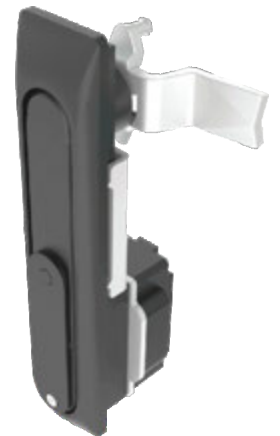
RS174.001



RS174.002

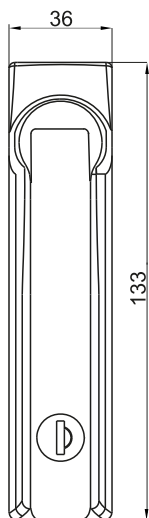


RS175.001

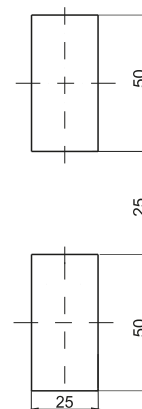
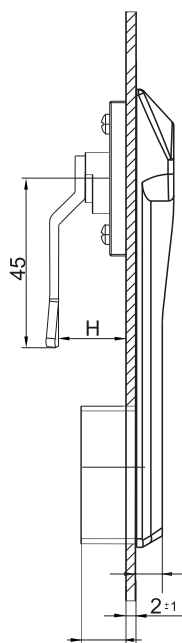


TYPE OF LOCK	COMPONENTS	MATERIAL	FINISH [C]
			RAL 9005
RS174.001 RS174.002 RS175.001	Body, Handle	ZAMAK	04

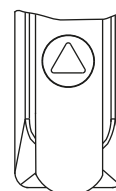
How to order : **RS174.002** — **[C]**
 Type of lock —
 Finish —



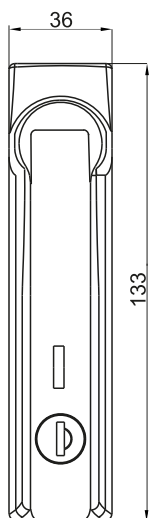
RS168
(without pin)



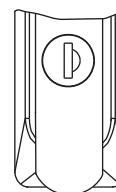
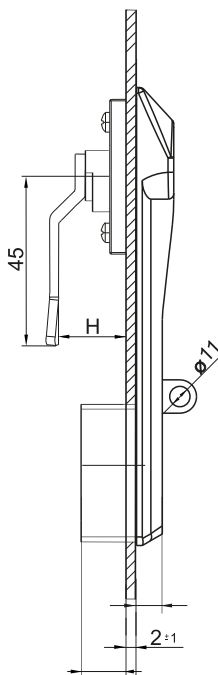
Mounting hole



Version B



RS168/B
(with pin)

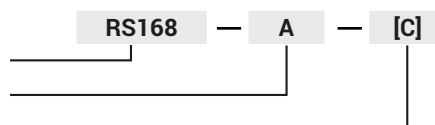


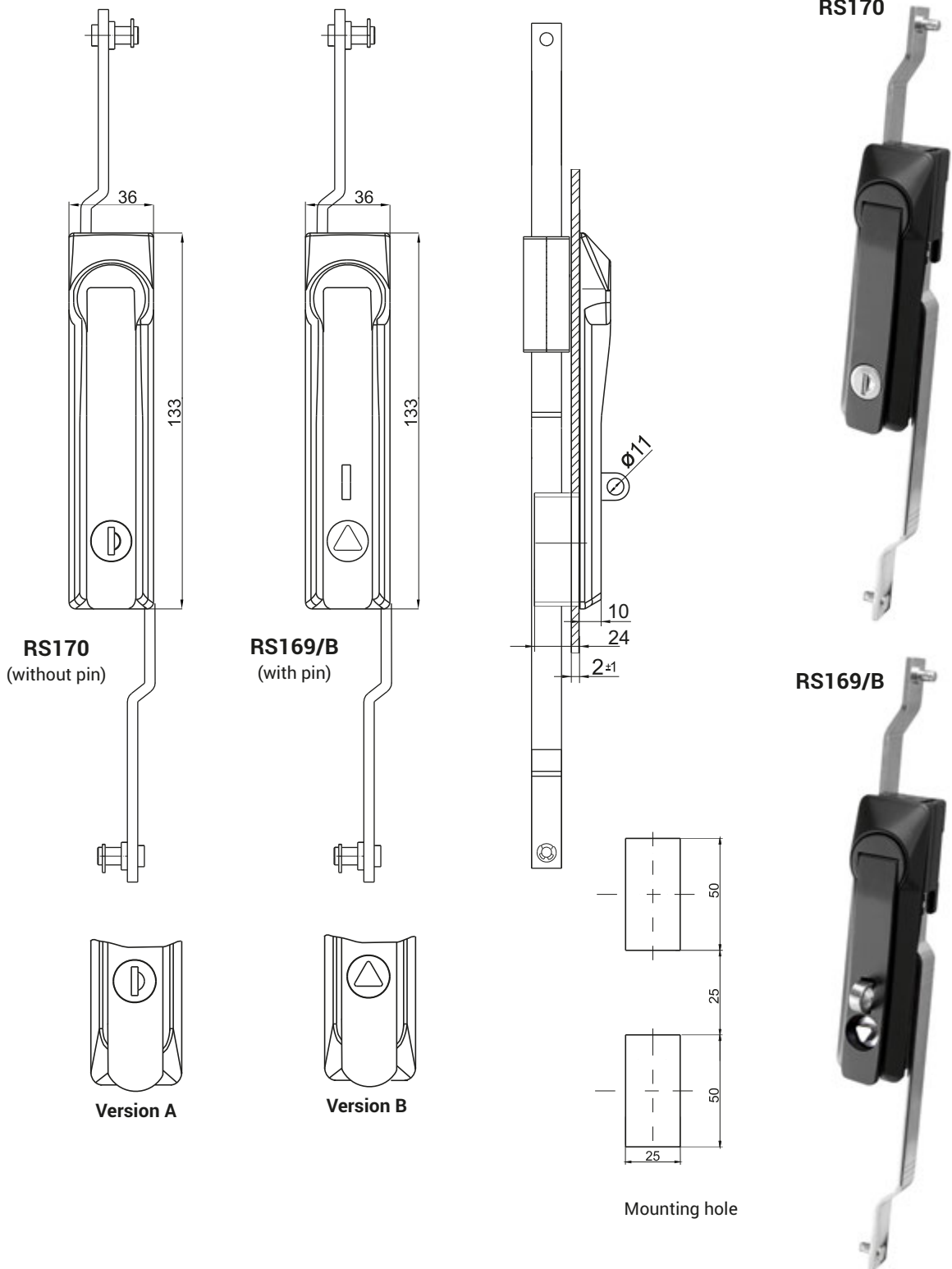
Version A

TYPE OF LOCK	COMPONENTS	MATERIAL	VERSION		FINISH [C]
					RAL 9005
RS168 RS168B	Body, Handle	ZAMAK	A	B	04

How to order :

Type of lock
Lock version
Finish

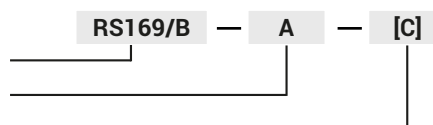




TYPE OF LOCK	COMPONENTS	MATERIAL	VERSION		FINISH [C]
					RAL 9005
RS169B RS170	Body, Handle	ZAMAK	A	B	04

How to order :

Type of lock
Lock version
Finish





RS151N.001

RS151N.002

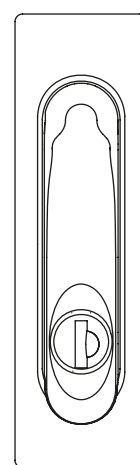
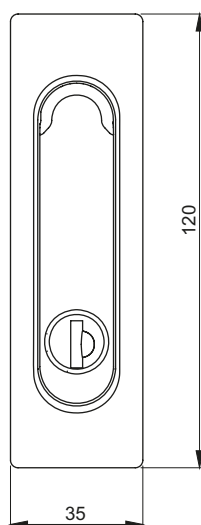


RS152N.001

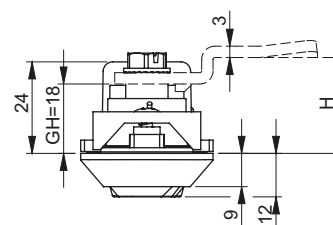
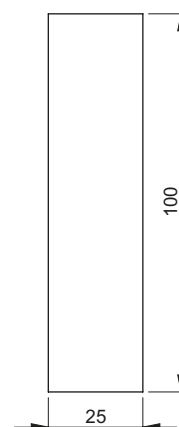
RS152N.002

RS151.N

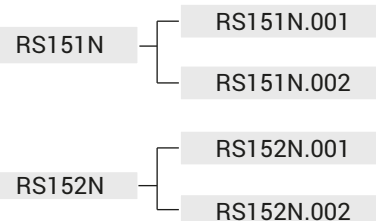
RS152.N



Mounting hole



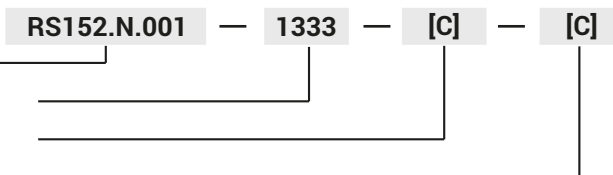
Type of lock



COMPONENTS	MATERIAL	FINISH [C]			LOCK CYLINDER	SHAPED INSERT		
		CHROME	RAL 9005	RAL 7035		KEY CODE	INSERT	
Body	PA6 GF30	-	07	08	KEY CODE			
Handle RS151	PA6 GF30	-	07	08	Different code RK	1333	T9	KW8
Handle RS152	ZAMAK	01	04	05				
Cam adapter 1C.903.003	ZAMAK	-	-	-				
Cap 1C.902.005	PA6 GF30	-	07	-				
Mounting components	Steel zinc plated							

How to order:

- Type of lock
- Type of insert
- Finish body
- Finish handle

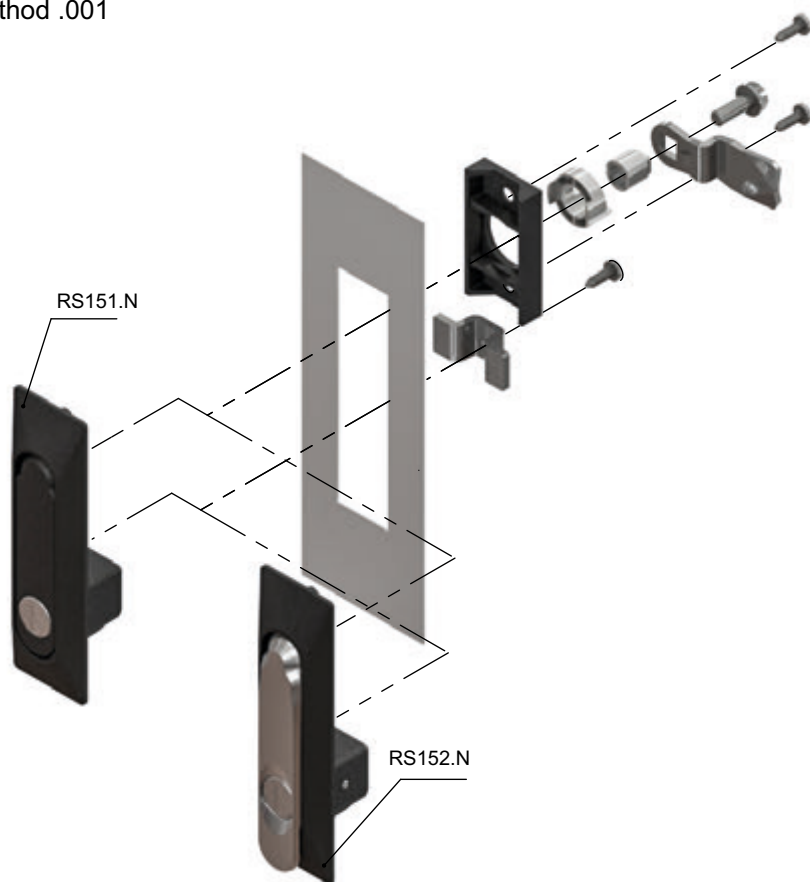


All necessary components are attached with a set.

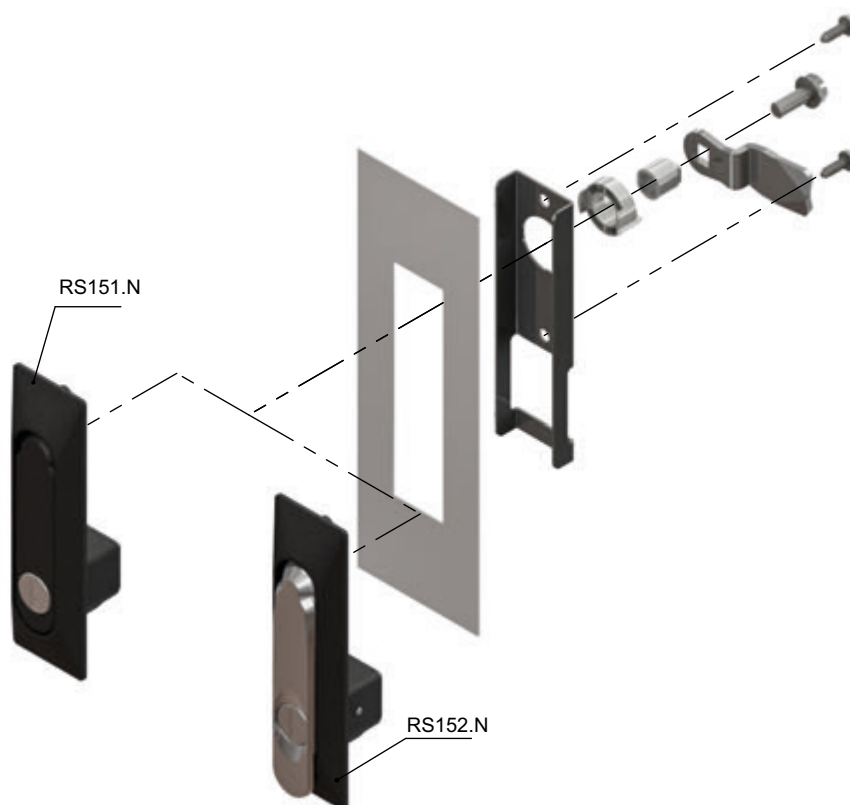
For locks RS151N and RS152N CAMS to be ordered separately:

- 1 point cam (group: 11, 13).....pg: 1C-8, 1C-9,

Mounting method .001



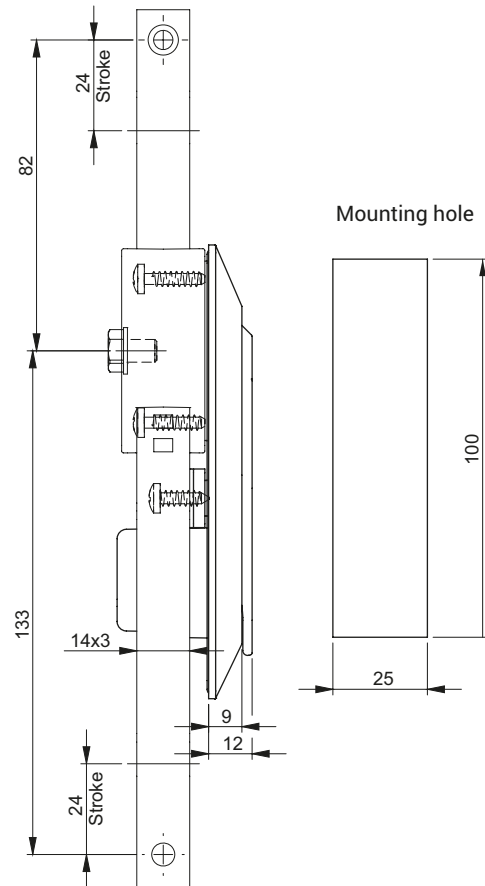
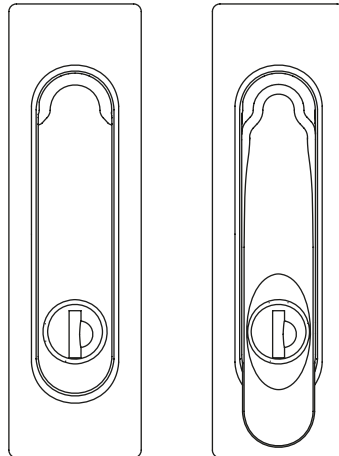
Mounting method .002





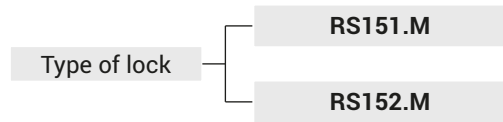
RS151.M

RS152.M

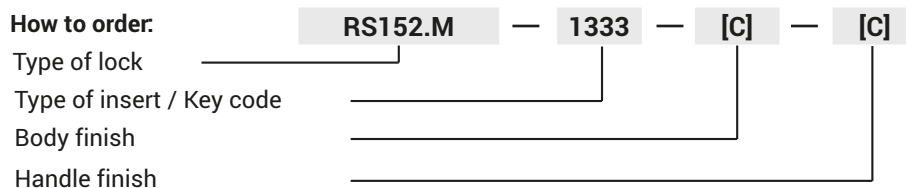


RS151.M

RS152.M



COMPONENTS	MATERIAL	FINISH [C]			CYLINDER LOCK	SHAPED INSERT		
		CHROME	RAL 9005	RAL 7035		KEY CODE	INSERT	
Body	PA6 GF30	-	07	08	Different code RK	1333	T9 KW8	
Handle RS151	PA6 GF30	-	07	08				
Handle RS152	ZAMAK	01	04	05				
Cap MZ	PA6 GF30	-	07	-				
Tie-rod MZ	Steel zink plated							
Mounting components	Steel zink plated							

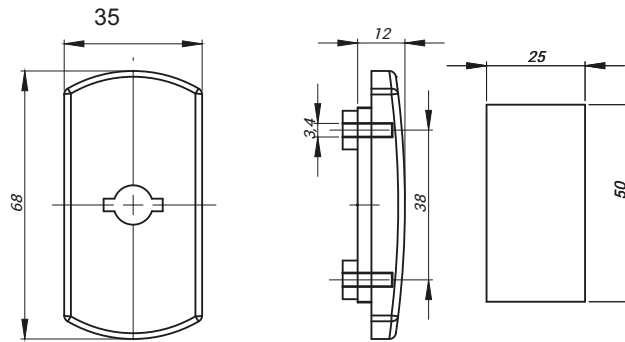


All necessary components are attached with a set.

Additional components ordered separately check page:

- Rods.....pg: 1C-3, 1C-4,
- Flat rods.....pg: 1C-30 TO 1C-36.

* Chrome finish available only for RS152.N (metal handle-ZAMAK5).

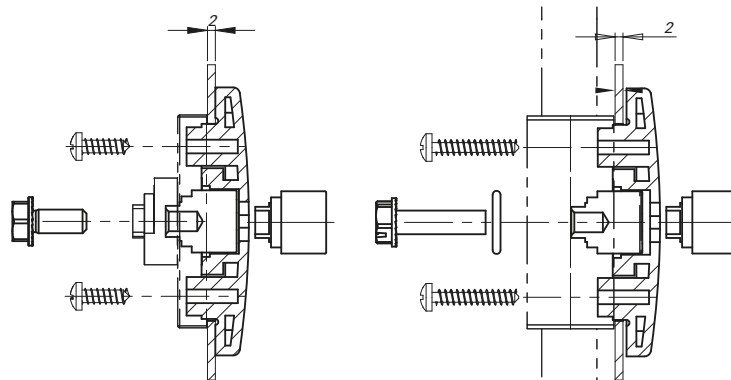


RW100.N

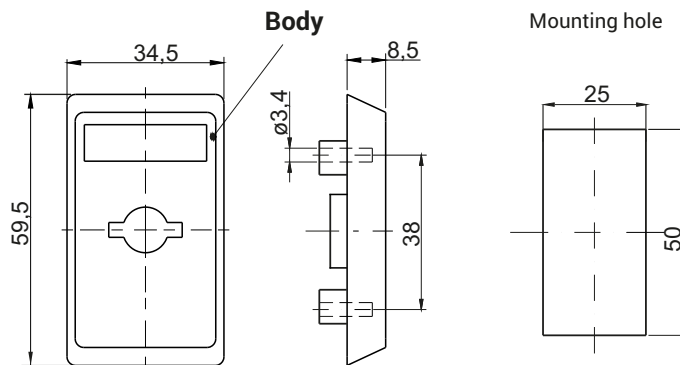


RW100.N
(Used with Cap)

RW100.M
(Used with Cogwheel mechanism)



RW110.N

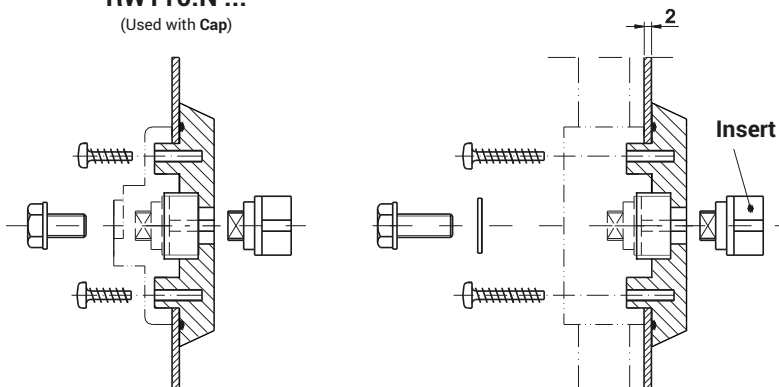


Body

Mounting hole

RW110.M ...
(Used with Cogwheel mechanism)

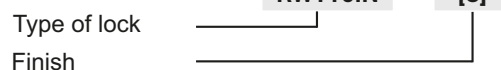
RW110.N ...
(Used with Cap)

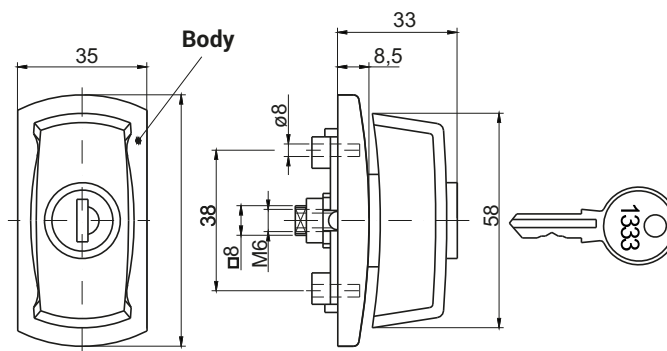


NOTE:
Additional components
of locks:
RW100.N, RW100.M,
RW110.N, RW110.M,
on pages: 1A-5, 1A-6.

TYPE OF LOCK	COMPONENTS	MATERIAL	FINISH [C]
RW100.N, RW100.M RW110.N, RW110.M	Body	Polyamide PA6 GF30	RAL 9005
			07

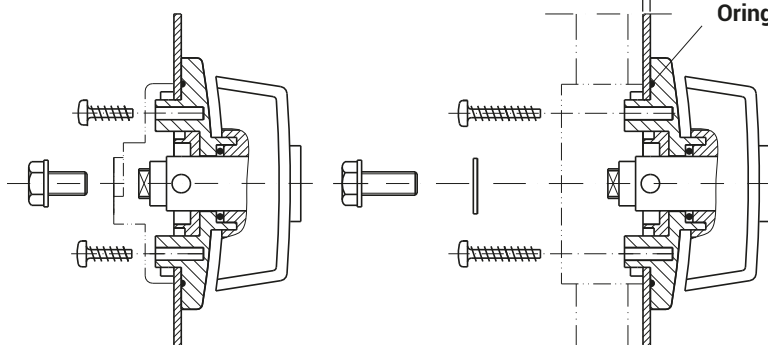
How to order :





RW200.N ...
(Used with Cap)

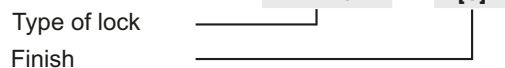
RW200.M ...
(Used with Cogwheel mechanism)



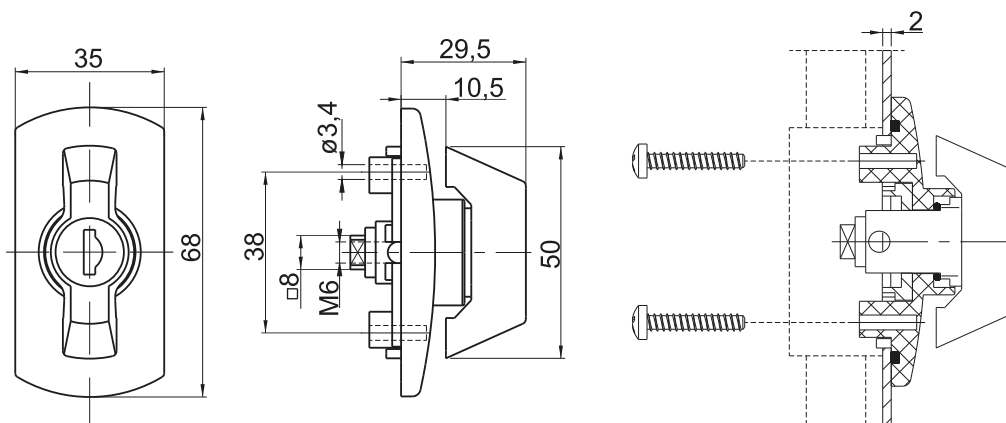
NOTE:
Additional components
of locks:
RW200.N, RW200.M,
on pages: 1A-5, 1A-6.

TYPE OF LOCK	COMPONENTS	MATERIAL	FINISH [C]
RW200.N RW200.M	Body	Polyamide PA6 GF30	RAL 9005
			07

How to order :

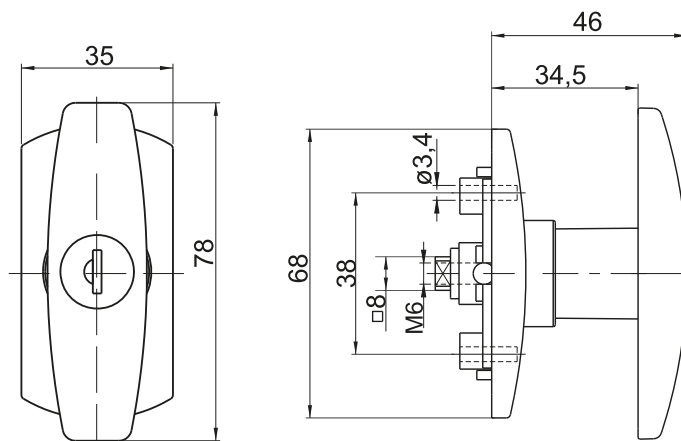


WING-KNOB LOCK RW500



TYPE OF LOCK			COMPONENTS	MATERIAL	FINISH [C]
Insert code 1333	Different code	No insert			RAL 9005
1B.RW500.001	1B.RW500.002	1B.RW500.003	Body	Polyamide PA6 GF30	07
			Knob		ZAMAK

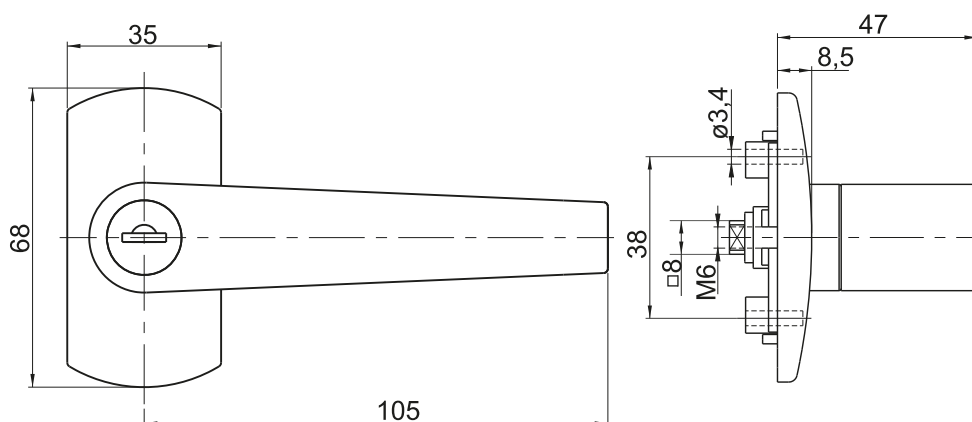
T-HANDLE LOCK RW510



TYPE OF LOCK			COMPONENTS	MATERIAL	FINISH [C]
Insert code1333	Different code	No insert			RAL 9005
1B.RW510.001	1B.RW510.002	1B.RW510.003	Body	Polyamide PA6 GF30	07
			Handle T	ZAMAK	04

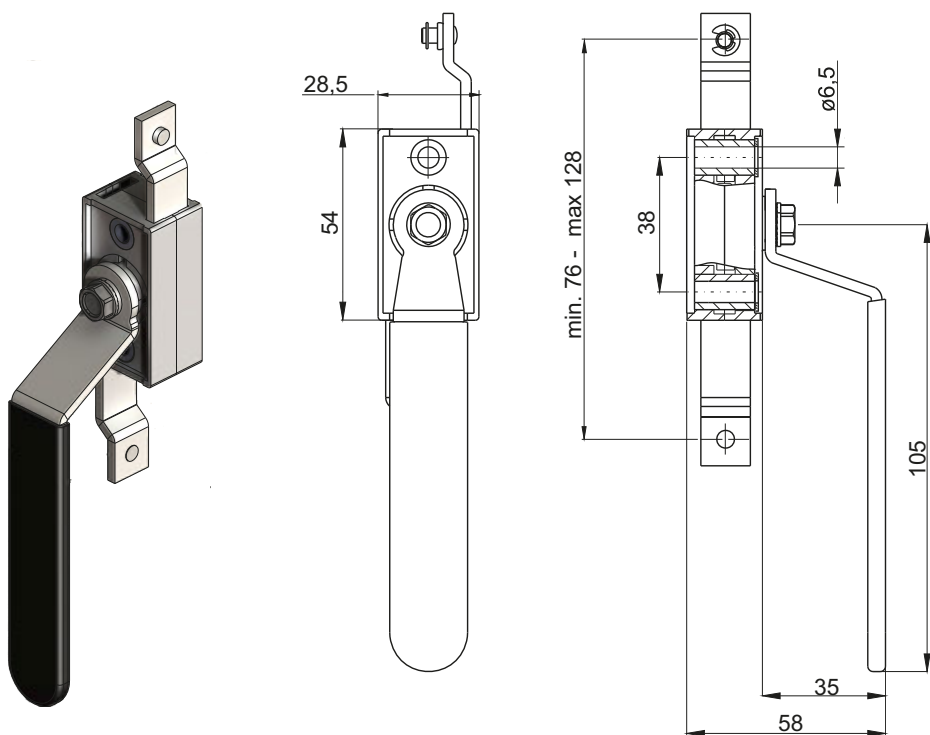
How to order : **1B.RW510.001** — **[C]**
 Type of lock _____
 Finish _____

L-HANDLE LOCK RW520

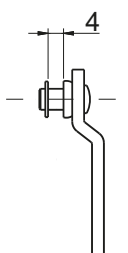


TYPE OF LOCK			COMPONENTS	MATERIAL	FINISH [C]
Insert code1333	Different code	No insert			RAL 9005
1B.RW520.001	1B.RW520.002	1B.RW520.003	Body	Polyamide PA6 GF30	07
			Handle L	ZAMAK	04

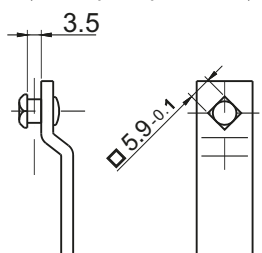
MZ1-DB.001, MZ1K-DB.001, MZ1P-DB.001



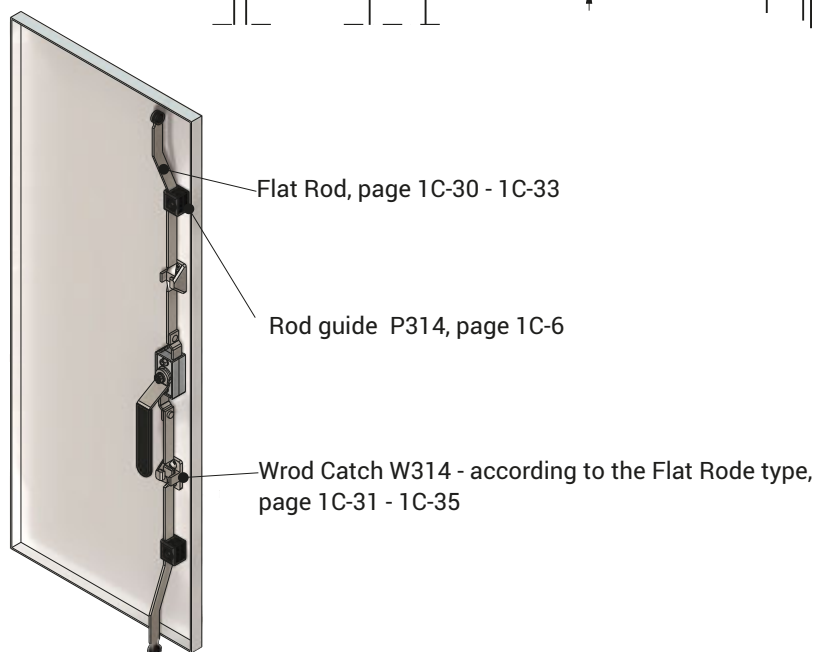
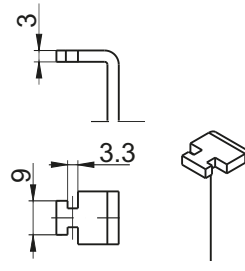
COGWHEEL MECHANISM MZ1-DB
(with Cir Clips)



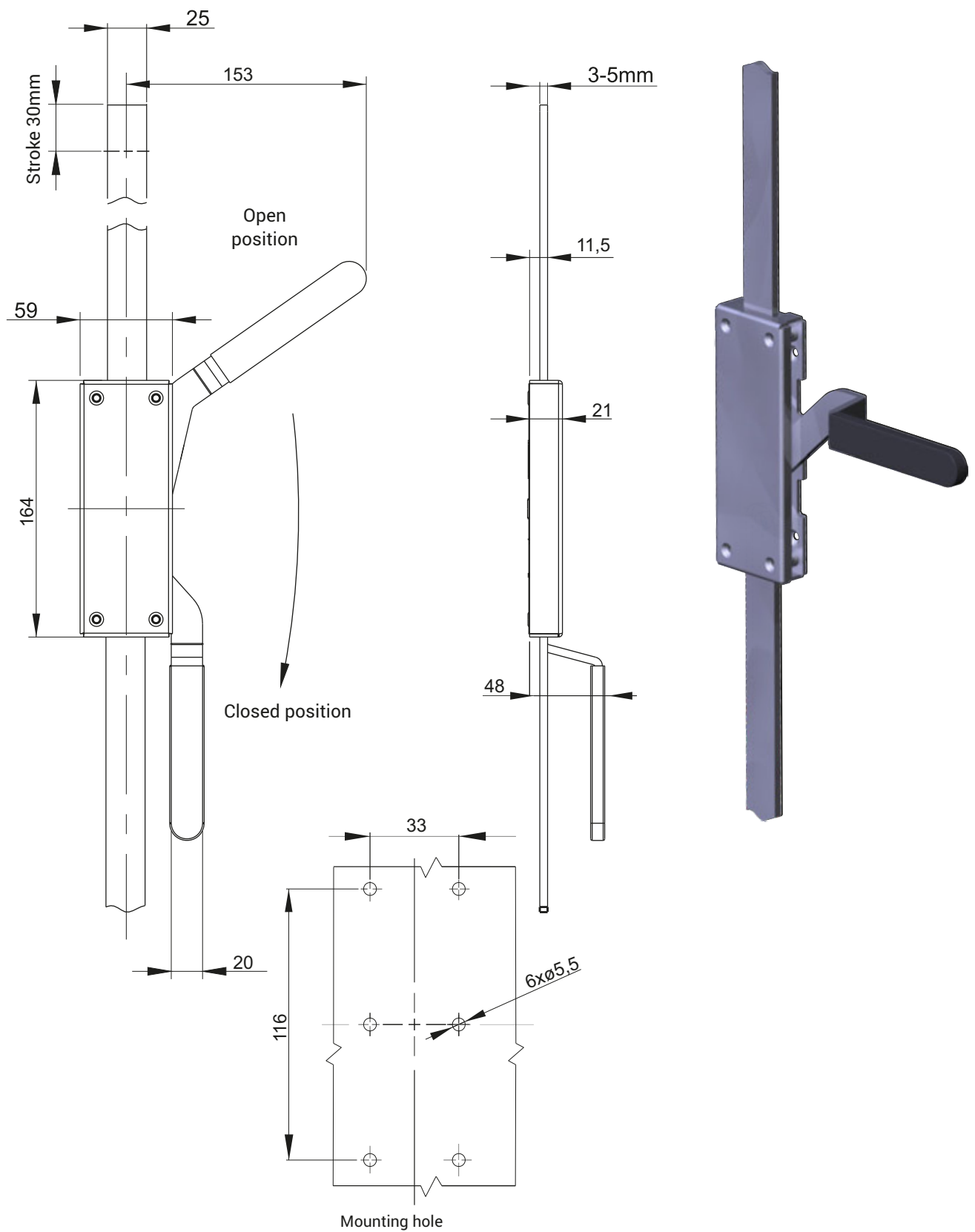
COGWHEEL MECHANISM MZ1K-DB
(with square protection)



COGWHEEL MECHANISM MZ1P-DB

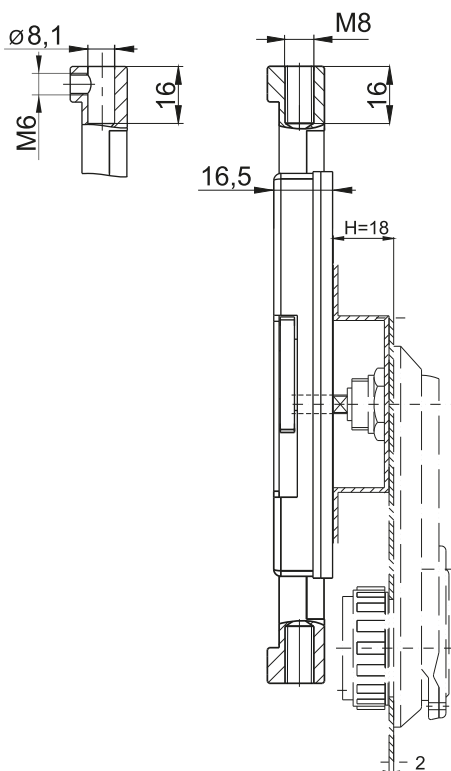
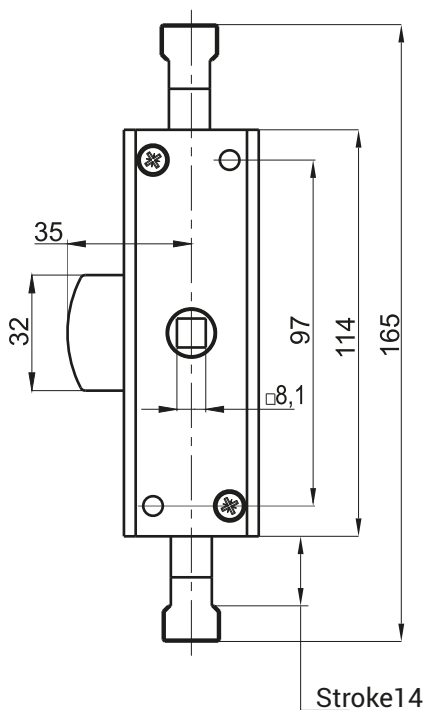
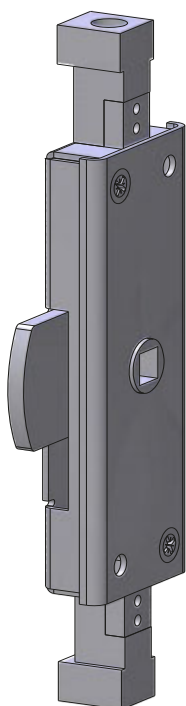


CAT. NUMBER	NAME	
MZ1-DB.001	Locking mechanism for passive doors	With Cir Clips
MZ1K-DB.001		With square protection
MZ1P-DB.001		Bent



NOTE: Possibility of ordering lock with locking rods

CAT. NUMBER	NAME	MATERIAL
1B.530.001 - Right	Internal Lock ZWDB	Steel zinc plated
1B.530.002 - Left		



Lock ZWA1 works with the swinghandle Rs130, page 1B-8
and with the swinghandle Rs200, page 1B-3

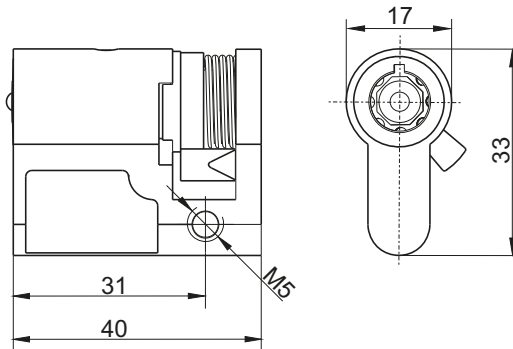
CAT. NUMBER	NAME	COMPONENTS	MATERIAL
1B.ZWA18.001	ZWA1 right version	ZWA1 - hole $\varnothing 8$	Steel zinc plated
1B.ZWAM8.001		ZWA1 - threaded hole M8	
1B.ZWA18.002	ZWA1 left version	ZWA1 - hole $\varnothing 8$	
1B.ZWAM8.002		ZWA1 - threaded hole M8	

* When placing an order you should give dimension H, H min=18mm



SHAPED INSERT

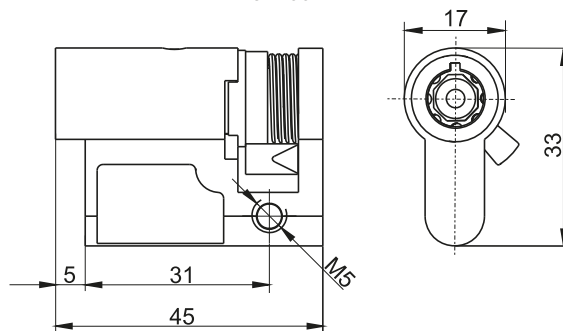
WCM.001



Design TIP-PIN

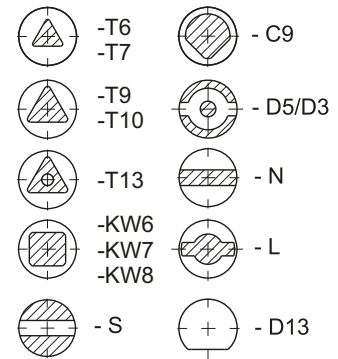
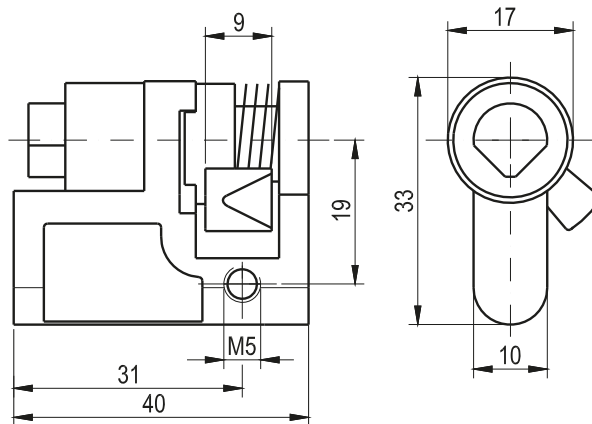
SHAPED INSERT

WCM.001



SHAPED INSERT

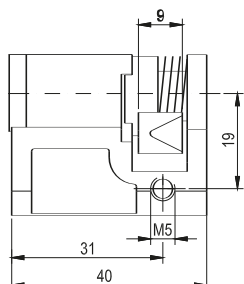
(latching)



DETAL	KEY TYPE	DETAL
WRS-WCM.001	Type WCM	Insert shape
WRS-WCM.002	Type WCM	
WRS-T6	Triangle 6 mm	
WRS-T9	Triangle 9 mm	
WRS-KW8, WRS-KW6	Square Kw 8, 6 mm	
WRS-S	Type S	
WRS-C9	Type C9 mm	
WRS-D5, -D3	Type D5, D3 mm	
WRS-N	Type N3,5 mm	
WRS-L	Type L	

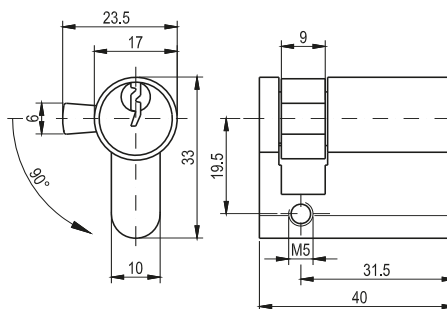
PROFILE CYLINDER WRS-P.001

(self-locking - key code 1333,
405E, 455E, 1 242E, 2342E)



NOTE:
Profile cylinder can be ordered
with one or different key codes.

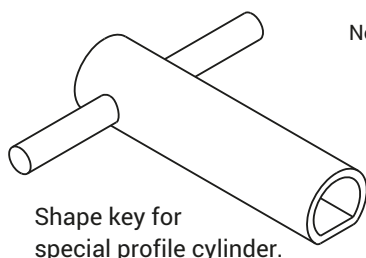
PROFILE CYLINDER WRS-B.001



NOTE:
Profile cylinder can be ordered
with one or different key codes.



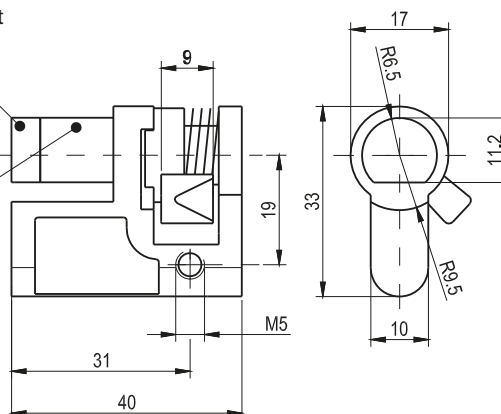
SPECIAL PROFILE CYLINDER with SHAPE KEY WRS-D13.001/002 (latching)



Shape key for
special profile cylinder.

Not turnable part

Turnable part



NOTE:
Special profile cylinder only
for swinghandles RS420, RS520,
RS420/U, RS520/U str. 1B-5



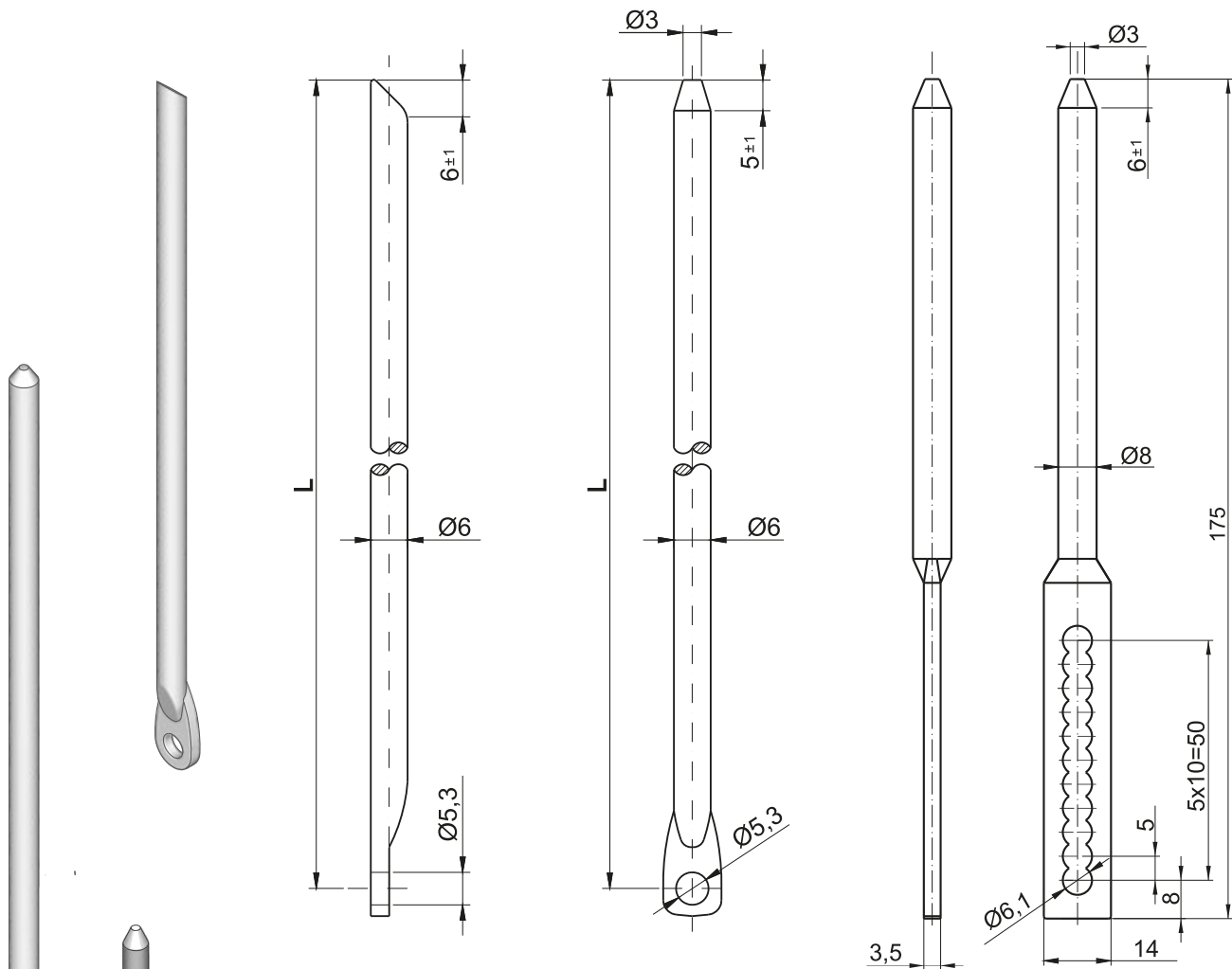
CAT. NUMBER	DETAL	TYPE KEY
WRS-D13.001, -D13.002	Special profile cylinder	D13
Profile cylinder latching	Profile cylinder - latching	-
Profile cylinder - one code	Profile cylinder	-
Profile cylinder - different code	Profile cylinder	-



ROD with Cut End (P26L)

ROD with Pointed End (P26L)

ROD with Pointed End (regulated) (PR28L)



CALCULATING RODS' LENGHT

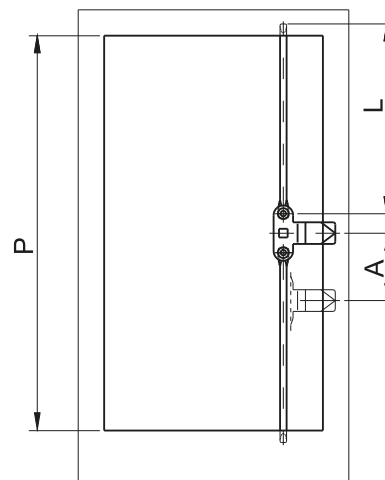
a) 3- point cam assembled in the middle of the door:

$$L = \frac{P - 12\text{mm}}{2}$$

b) in case, when cam is moved about dimension A:

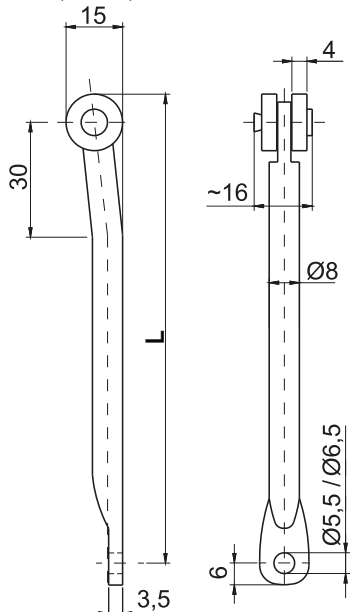
L= in calculated like in point a) but:
 - upper rod $L_w = L + A$
 - lower rod $L_n = L - A$

L - lenght of rod [mm]

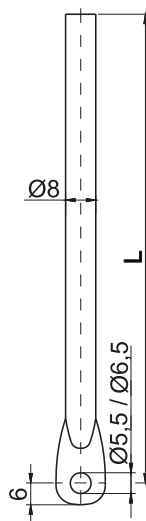


CAT. NUMBER	NAME	MATERIAL
P16 L	Rod with cut end	Steel zinc plated
P26 L	Rod with pointed end	Steel zinc plated
PR28 L	Rod with pointed end (regulated)	Steel zinc plated

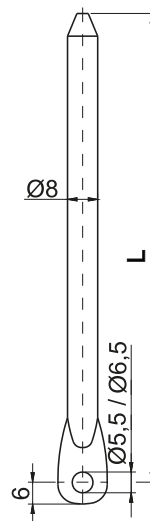
ROD with Rollers
(P38 L)



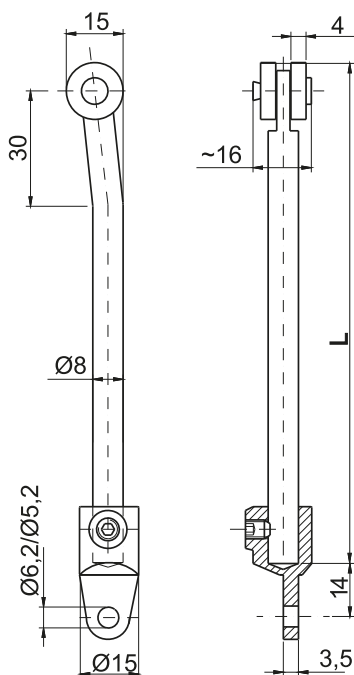
ROD with Flat End
(P48 L)



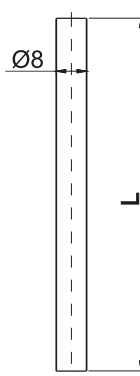
ROD with Pointed End
(P28 L)



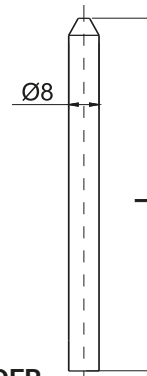
ROD wit Rollers
(P38/U L)
(used with Rod Holder)



ROD with Flat End
(P48/U L)
(used with Rod Holder)



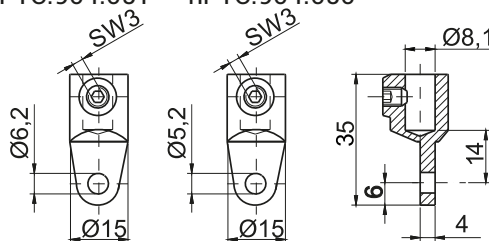
ROD with Pointed End
(P28/U L)
(used with Rod Holder)



ROD HOLDER

nr 1C.904.051

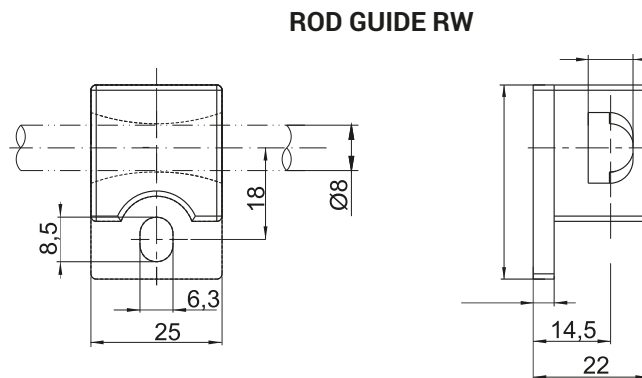
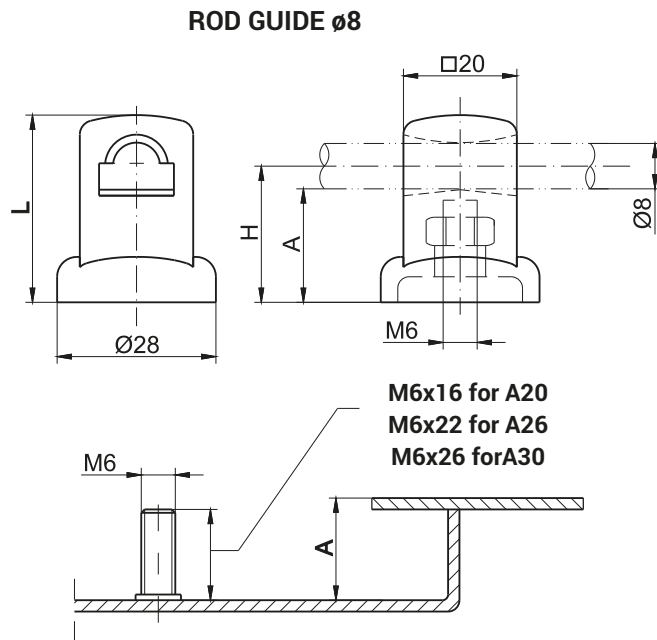
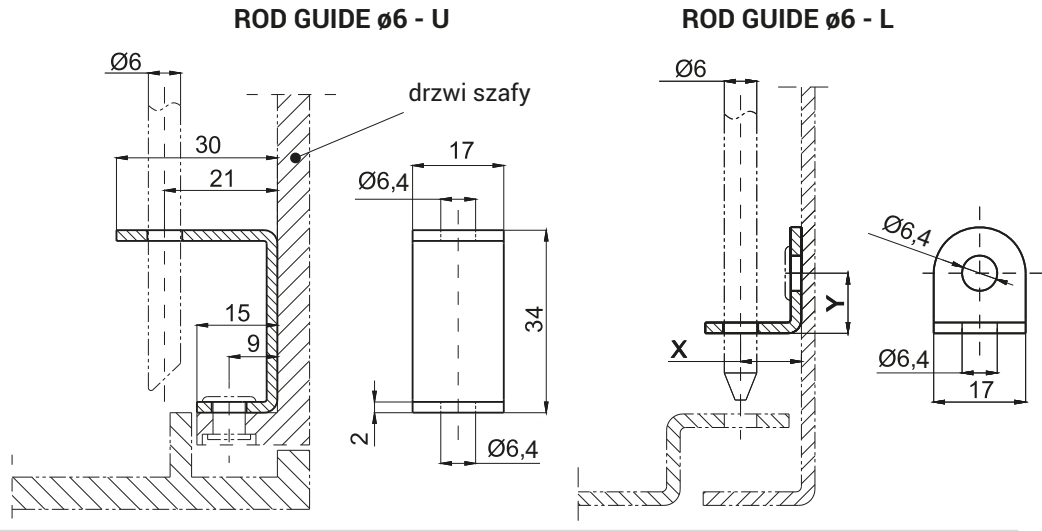
nr 1C.904.050



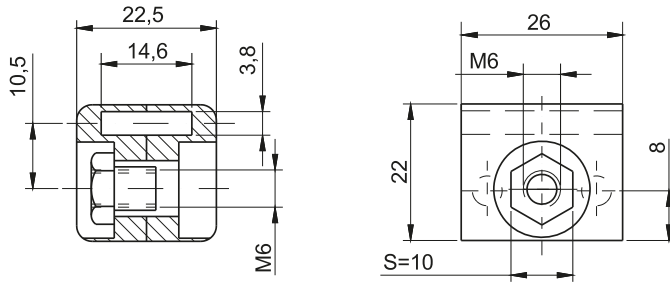
L - length of rod [mm]

CAT. NUMBER	NAME	MATERIAL
P28 L	Rod with pointed end	Steel zinc plated
P38 L	Rod with rollers	Steel zinc plated, rollers-PA6
P48 L	Rod with flat end	Steel zinc plated
P28/U L	Rod with pointed end (adjustable)	Steel zinc plated
P38/U L	Rod with rollers (adjustable)	Steel zinc plated, rollers-PA6
P48/U L	Rod with flat end (adjustable)	Steel zinc plated
1.C.904.051,1C.904.050	Rod holder	ZAMAK - zinc plated
1C.904.052	Rod holder	Stainless Steel

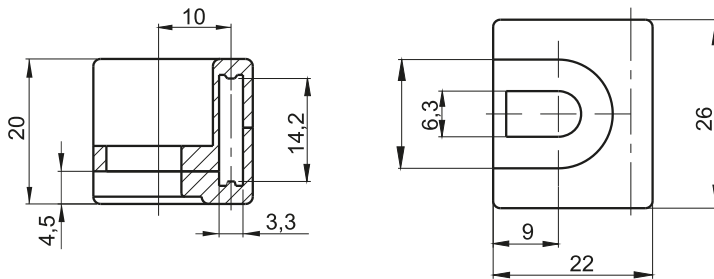




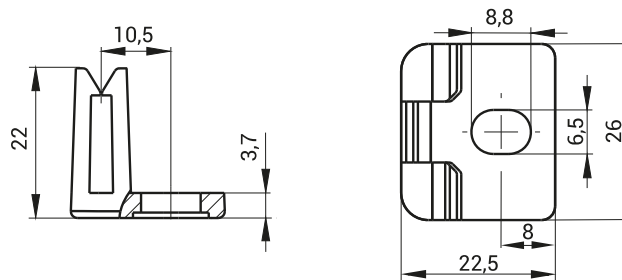
CAT. NUMBER	NAME	DIMENSION Ø8, Ø6 [mm]					MATERIAL
		A	L	H	X	Y	
1C.906.008		20	33	24	-	-	
1C.906.009	Rod guide Ø8	26	39	30	-	-	Pa6 colour RAL 9005
1C.906.010		32	45	36	-	-	
1C.906.002	Rod guide Ø6 L	-	-	-	11,5	8	Steel zinc plated
1C.906.003		-	-	-	22,5	27	
1C.906.001	Rod guide Ø6 U						Steel zinc plated
1C.906.013	Rod guide RW						Pa6 colour RAL 9005



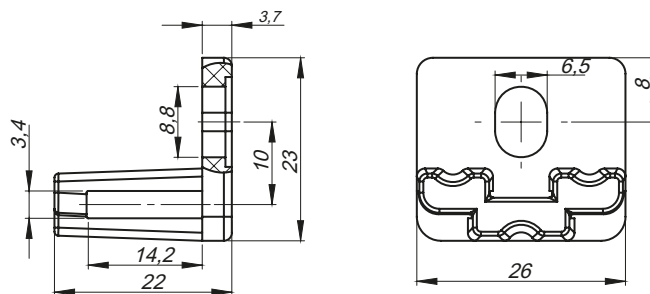
1C.906.012



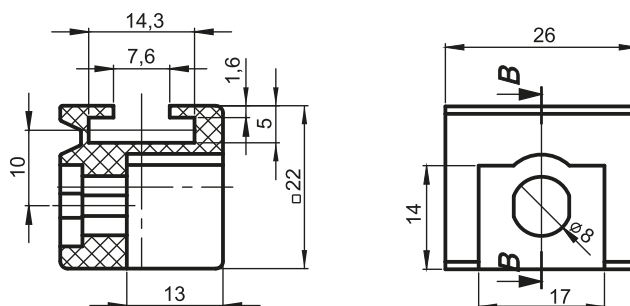
1C.906.014



1C.906.015



1C.906.019

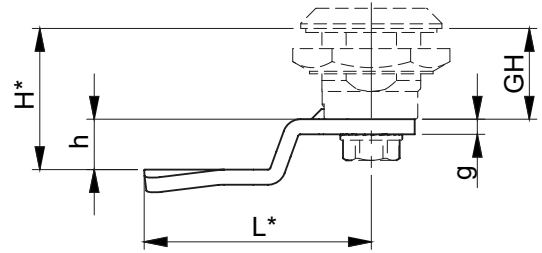


1C.906.018

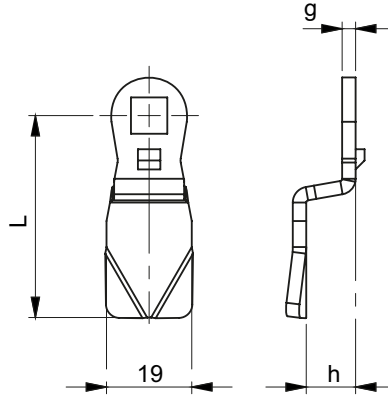
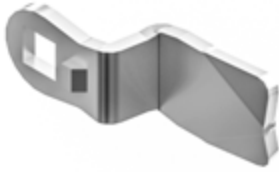


CAT. NUMBER	NAME	COMPONENTS	MATERIAL
1C.906.012	Rod guide P314	Rod guide P314 Nut	PA6 colour RAL 9005 Steel zinc plated
1C.906.014	Rod guide P314 ver. 2	Rod guide P314 ver. 2	PA6 colour RAL 9005
1C.906.015	Latching guide P314	Latching guide	PA6 colour RAL 9005
1C.906.018	Rod guide P314 ver. 3	Rod guide P314 ver. 3	PA6 colour RAL 9005
1C.906.019	Latching guide P314	Latching guide	PA6 colour RAL 9005

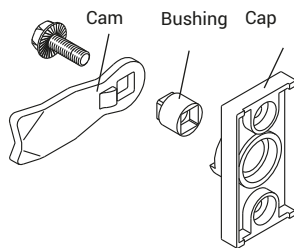
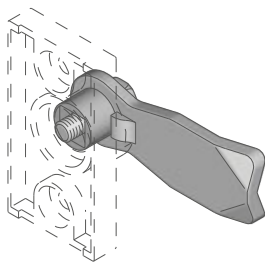
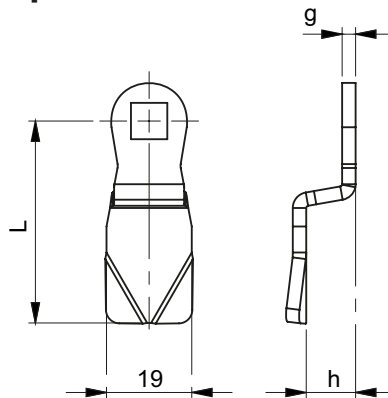
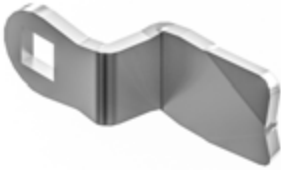
GH - height body
 H - height locking
 h - height cam
 L - length cam
 g - thickness cam



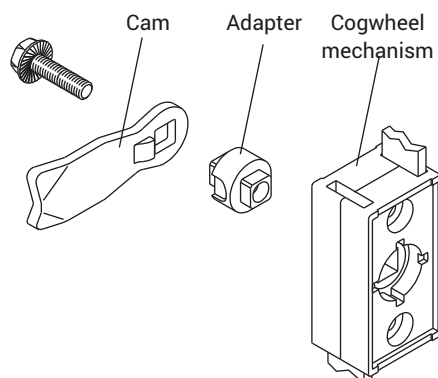
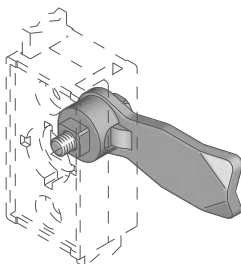
1-point cam with limiter



1-point cam without limiter



NOTE:
 When ordering 1-point cam with limiter for Cap, you must order bushing, page. 1C-22, 23



NOTE:
 When ordering 1-point cam with limiter for Cogwheel mechanism, you must also order adapter, page 1C-22, 23

STEEL ZINC PLATED

11	APPLICATION: Locking system with cap and locks M22													
	H	Catalogue number	g*	h	L	GH:18 H	GH:19 H	GH:23 H	GH:28 H	GH:30 H	GH:38 H	GH:40 H	GH:50 H	GH:60 H
CAM RANGE [G]	18	J-1751845	3	0	45	18	19	23	28	30	38	40	50	60
	19	J-1751945	3	1	45	19	20	24	29	31	39	41	51	61
	20	J-1752045	3	2	45	20	21	25	30	32	40	42	52	62
	21	J-1752145	3	3	45	21	22	26	31	33	41	43	53	63
	22	J-1752245	3	4	45	22	23	27	32	34	42	44	54	64
	24	J-1752445	3	6	45	24	25	29	34	36	44	46	56	66
	26	J-1752645	3	8	45	26	27	31	36	38	46	48	58	68
	28	J-1752845	3	10	45	28	29	33	38	40	48	50	60	70
	30	J-1753045	3	12	45	30	31	35	40	42	50	52	62	72
	32	J-1753245	3	14	45	32	33	37	42	44	52	54	64	74
	34	J-1753445	3	16	45	34	35	39	44	46	54	56	66	76
	36	J-1753645	3	18	45	36	37	-	46	48	56	58	68	78
	38	J-1753845	3	20	45	38	39	-	48	50	58	60	70	80
	40	J-1754045	3	22	45	40	41	-	50	52	60	62	72	82
	42	J-1754245	3	24	45	42	43	-	52	54	62	64	74	84
	16	J-1751645	3	-2	45	16	17	-	26	28	36	38	48	58
	14	J-1751445	3	-4	45	14	15	-	24	26	34	36	46	56
	12	J-1751245	3	-6	45	12	13	-	22	24	32	34	44	54
	10	J-1751045	3	-8	45	10	11	-	20	22	30	32	42	52
	8	J-1750845	3	-10	45	8	9	-	28	20	28	30	40	50

12	APPLICATION: Locks M22													
	H	Catalogue number	g*	h	L	GH:18 H	GH:19 H	GH:23 H	GH:28 H	GH:30 H	GH:38 H	GH:40 H	GH:50 H	GH:60 H
CAM RANGE [G]	18	J-1601845	3	0	45	18	19	23	28	30	38	40	50	60
	19	J-1601945	3	1	45	19	20	24	29	31	39	41	51	61
	20	J-1602045	3	2	45	20	21	25	30	32	40	42	52	62
	21	J-1602145	3	3	45	21	22	26	31	33	41	43	53	63
	22	J-1602245	3	4	45	22	23	27	32	34	42	44	54	64
	24	J-1602445	3	6	45	24	25	29	34	36	44	46	56	66
	26	J-1602645	3	8	45	26	27	31	36	38	46	48	58	68
	28	J-1602845	3	10	45	28	29	33	38	40	48	50	60	70
	30	J-1603045	3	12	45	30	31	35	40	42	50	52	62	72
	32	J-1603245	3	14	45	32	33	37	42	44	52	54	64	74
	34	J-1603445	3	16	45	34	35	39	44	46	54	56	66	76
	36	J-1603645	3	18	45	36	37	-	46	48	56	58	68	78
	38	J-1603845	3	20	45	38	39	-	48	50	58	60	70	80
	40	J-1604045	3	22	45	40	41	-	50	52	60	62	72	82
	42	J-1604245	3	24	45	42	43	-	52	54	62	64	74	84
	16	J-1601645	3	-2	45	16	17	-	26	28	36	38	48	58
	14	J-1601445	3	-4	45	14	15	-	24	26	34	36	46	56
	12	J-1601245	3	-6	45	12	13	-	22	24	32	34	44	54
	10	J-1601045	3	-8	45	10	11	-	20	22	30	32	42	52
	8	J-1600845	3	-10	45	8	9	-	28	20	28	30	40	50

When ordering a custom cam, you should contact your dealer for more details.

STAINLESS STEEL

13	APPLICATION: Locking system with cap and locksM22													
	H	Numer katalogowy	g*	h	L	GH:18 H	GH:19 H	GH:23 H	GH:28 H	GH:30 H	GH:38 H	GH:40 H	GH:50 H	GH:60 H
CAM RANGE [G]	18	J-1751845SN	3	0	45	18	19	23	28	30	38	40	50	60
	19	J-1751945SN	3	1	45	19	20	24	29	31	39	41	51	61
	20	J-1752045SN	3	2	45	20	21	25	30	32	40	42	52	62
	21	J-1752145SN	3	3	45	21	22	26	31	33	41	43	53	63
	22	J-1752245SN	3	4	45	22	23	27	32	34	42	44	54	64
	24	J-1752445SN	3	6	45	24	25	29	34	36	44	46	56	66
	26	J-1752645SN	3	8	45	26	27	31	36	38	46	48	58	68
	28	J-1752845SN	3	10	45	28	29	33	38	40	48	50	60	70
	30	J-1753045SN	3	12	45	30	31	35	40	42	50	52	62	72
	32	J-1753245SN	3	14	45	32	33	37	42	44	52	54	64	74
	34	J-1753445SN	3	16	45	34	35	39	44	46	54	56	66	76
	36	J-1753645SN	3	18	45	36	37	-	46	48	56	58	68	78
	38	J-1753845SN	3	20	45	38	39	-	48	50	58	60	70	80
	40	J-1754045SN	3	22	45	40	41	-	50	52	60	62	72	82
	42	J-1754245SN	3	24	45	42	43	-	52	54	62	64	74	84
	16	J-1751645SN	3	-2	45	16	17	-	26	28	36	38	48	58
	14	J-1751445SN	3	-4	45	14	15	-	24	26	34	36	46	56
	12	J-1751245SN	3	-6	45	12	13	-	22	24	32	34	44	54
	10	J-1751045SN	3	-8	45	10	11	-	20	22	30	32	42	52
	8	J-175845SN	3	-10	45	8	9	-	28	20	28	30	40	50

14	APPLICATION: Locks M22													
	H	Numer katalogowy	g*	h	L	GH:18 H	GH:19 H	GH:23 H	GH:28 H	GH:30 H	GH:38 H	GH:40 H	GH:50 H	GH:60 H
CAM RANGE [G]	18	J-1601845SN	3	0	45	18	19	23	28	30	38	40	50	60
	19	J-1601945SN	3	1	45	19	20	24	29	31	39	41	51	61
	20	J-1602045SN	3	2	45	20	21	25	30	32	40	42	52	62
	21	J-1602145SN	3	3	45	21	22	26	31	33	41	43	53	63
	22	J-1602245SN	3	4	45	22	23	27	32	34	42	44	54	64
	24	J-1602445SN	3	6	45	24	25	29	34	36	44	46	56	66
	26	J-1602645SN	3	8	45	26	27	31	36	38	46	48	58	68
	28	J-1602845SN	3	10	45	28	29	33	38	40	48	50	60	70
	30	J-1603045SN	3	12	45	30	31	35	40	42	50	52	62	72
	32	J-1603245SN	3	14	45	32	33	37	42	44	52	54	64	74
	34	J-1603445SN	3	16	45	34	35	39	44	46	54	56	66	76
	36	J-1603645SN	3	18	45	36	37	-	46	48	56	58	68	78
	38	J-1603845SN	3	20	45	38	39	-	48	50	58	60	70	80
	40	J-1604045SN	3	22	45	40	41	-	50	52	60	62	72	82
	42	J-1604245SN	3	24	45	42	43	-	52	54	62	64	74	84
	16	J-1601645SN	3	-2	45	16	17	-	26	28	36	38	48	58
	14	J-1601445SN	3	-4	45	14	15	-	24	26	34	36	46	56
	12	J-1601245SN	3	-6	45	12	13	-	22	24	32	34	44	54
	10	J-1601045SN	3	-8	45	10	11	-	20	22	30	32	42	52
	8	J-160845SN	3	-10	45	8	9	-	28	20	28	30	40	50

When ordering a custom cam, you should contact your dealer for more details .

STEEL ZINC PLATED

15	H	Cat. Number	g*	h	L	GH:18	GH:22	GH:30	GH:40	GH:50	GH:60
						H	H	H	H	H	H
CAM RANGE [G]	18	J-1001845	3	0	45	18	22	30	40	50	60
	19	J-1001945	3	1	45	19	23	31	41	51	61
	20	J-1002045	3	2	45	20	24	32	42	52	62
	21	J-1002145	3	3	45	21	25	33	43	53	63
	22	J-1002245	3	4	45	22	26	34	44	54	64
	24	J-1002445	3	6	45	24	28	36	46	56	66
	26	J-1002645	3	8	45	26	30	38	48	58	68
	28	J-1002845	3	10	45	28	32	40	50	60	70
	30	J-1003045	3	12	45	30	34	42	52	62	72
	32	J-1003245	3	14	45	32	36	44	54	64	74
	34	J-1003445	3	16	45	34	38	46	56	66	76
	36	J-1003645	3	18	45	36	40	48	58	68	78
	38	J-1003845	3	20	45	38	42	50	60	70	80
	40	J-1004045	3	22	45	40	44	52	62	72	82
	42	J-1004245	3	24	45	42	46	54	64	74	84
	16	J-1001645	3	-2	45	16	20	28	38	48	58
	14	J-1001445	3	-4	45	14	18	26	36	46	56
	12	J-1001245	3	-6	45	12	16	24	34	44	54
	10	J-1001045	3	-8	45	10	14	22	32	42	52
	8	J-100845	3	-10	45	8	12	20	30	40	50
6	J-100645	3	-12	45	6	10	18	28	38	48	
4	J-100445	3	-14	45	4	8	16	26	36	46	

STAINLESS STEEL

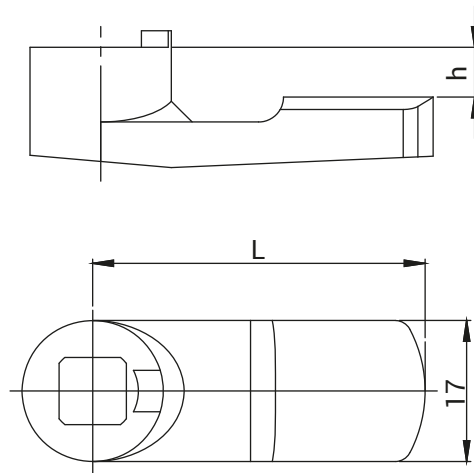
16	H	Cat. Number	g*	h	L	GH:18	GH:22	GH:30	GH:40	GH:50	GH:60
						H	H	H	H	H	H
CAM RANGE [G]	18	J-1001845SN	3	0	45	18	22	30	40	50	60
	19	J-1001945SN	3	1	45	19	23	31	41	51	61
	20	J-1002045SN	3	2	45	20	24	32	42	52	62
	21	J-1002145SN	3	3	45	21	25	33	43	53	63
	22	J-1002245SN	3	4	45	22	26	34	44	54	64
	24	J-1002445SN	3	6	45	24	28	36	46	56	66
	26	J-1002645SN	3	8	45	26	30	38	48	58	68
	28	J-1002845SN	3	10	45	28	32	40	50	60	70
	30	J-1003045SN	3	12	45	30	34	42	52	62	72
	32	J-1003245SN	3	14	45	32	36	44	54	64	74
	34	J-1003445SN	3	16	45	34	38	46	56	66	76
	36	J-1003645SN	3	18	45	36	40	48	58	68	78
	38	J-1003845SN	3	20	45	38	42	50	60	70	80
	40	J-1004045SN	3	22	45	40	44	52	62	72	82
	42	J-1004245SN	3	24	45	42	46	54	64	74	84
	16	J-1001645SN	3	-2	45	16	20	28	38	48	58
	14	J-1001445SN	3	-4	45	14	18	26	36	46	56
	12	J-1001245SN	3	-6	45	12	16	24	34	44	54
	10	J-1001045SN	3	-8	45	10	14	22	32	42	52
	8	J-100845SN	3	-10	45	8	12	20	30	40	50
6	J-100645SN	3	-12	45	6	10	18	28	38	48	
4	J-100445SN	3	-14	45	4	8	16	26	36	46	

STEEL ZINC PLATED

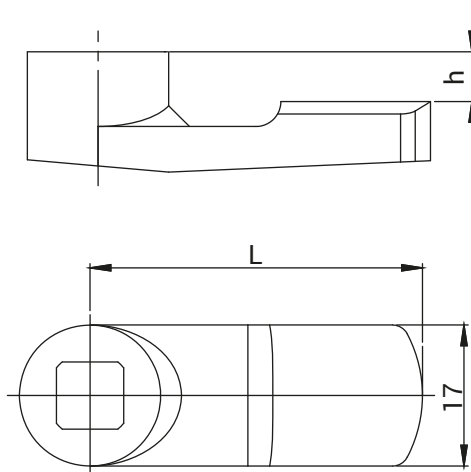
17	APPLICATION: Locking system with cap and locks M22													
	H	Catalogue number	g*	h	L	GH:18 H	GH:19 H	GH:23 H	GH:28 H	GH:30 H	GH:38 H	GH:40 H	GH:50 H	GH:60 H
CAM RANGE [G]	18	J-1651845	3	0	45	18	19	23	28	30	38	40	50	60
	19	J-1651945	3	1	45	19	20	24	29	31	39	41	51	61
	20	J-1652045	3	2	45	20	21	25	30	32	40	42	52	62
	21	J-1652145	3	3	45	21	22	26	31	33	41	43	53	63
	22	J-1652245	3	4	45	22	23	27	32	34	42	44	54	64
	24	J-1652445	3	6	45	24	25	29	34	36	44	46	56	66
	26	J-1652645	3	8	45	26	27	31	36	38	46	48	58	68
	28	J-1652845	3	10	45	28	29	33	38	40	48	50	60	70
	30	J-1653045	3	12	45	30	31	35	40	42	50	52	62	72
	32	J-1653245	3	14	45	32	33	37	42	44	52	54	64	74
	34	J-1653445	3	16	45	34	35	39	44	46	54	56	66	76
	36	J-1653645	3	18	45	36	37	-	46	48	56	58	68	78
	38	J-1653845	3	20	45	38	39	-	48	50	58	60	70	80
	40	J-1654045	3	22	45	40	41	-	50	52	60	62	72	82
	42	J-1654245	3	24	45	42	43	-	52	54	62	64	74	84
	16	J-1651645	3	-2	45	16	17	-	26	28	36	38	48	58
	14	J-1651445	3	-4	45	14	15	-	24	26	34	36	46	56
	12	J-1651245	3	-6	45	12	13	-	22	24	32	34	44	54
	10	J-1651045	3	-8	45	10	11	-	20	22	30	32	42	52
	8	J-1650845	3	-10	45	8	9	-	28	20	28	30	40	50

STAINLESS STEEL

17A	APPLICATION: Locks M22													
	H	Catalogue number	g*	h	L	GH:18 H	GH:19 H	GH:23 H	GH:28 H	GH:30 H	GH:38 H	GH:40 H	GH:50 H	GH:60 H
CAM RANGE [G]	18	J-1651845SN	3	0	45	18	19	23	28	30	38	40	50	60
	19	J-1651945SN	3	1	45	19	20	24	29	31	39	41	51	61
	20	J-1652045SN	3	2	45	20	21	25	30	32	40	42	52	62
	21	J-1652145SN	3	3	45	21	22	26	31	33	41	43	53	63
	22	J-1652245SN	3	4	45	22	23	27	32	34	42	44	54	64
	24	J-1652445SN	3	6	45	24	25	29	34	36	44	46	56	66
	26	J-1652645SN	3	8	45	26	27	31	36	38	46	48	58	68
	28	J-1652845SN	3	10	45	28	29	33	38	40	48	50	60	70
	30	J-1653045SN	3	12	45	30	31	35	40	42	50	52	62	72
	32	J-1653245SN	3	14	45	32	33	37	42	44	52	54	64	74
	34	J-1653445SN	3	16	45	34	35	39	44	46	54	56	66	76
	36	J-1653645SN	3	18	45	36	37	-	46	48	56	58	68	78
	38	J-1653845SN	3	20	45	38	39	-	48	50	58	60	70	80
	40	J-1654045SN	3	22	45	40	41	-	50	52	60	62	72	82
	42	J-1654245SN	3	24	45	42	43	-	52	54	62	64	74	84
	16	J-1651645SN	3	-2	45	16	17	-	26	28	36	38	48	58
	14	J-1651445SN	3	-4	45	14	15	-	24	26	34	36	46	56
	12	J-1651245SN	3	-6	45	12	13	-	22	24	32	34	44	54
	10	J-1651045SN	3	-8	45	10	11	-	20	22	30	32	42	52
	8	J-1650845SN	3	-10	45	8	9	-	28	20	28	30	40	50



18		CAM WITH LIMITER							
CAM RANGE [G]	H	Cat. Number	h	L	GH:18 H	GH:30 H	GH:40 H	GH:50 H	GH:60 H
	18P	JP2-10018	0	40	18	30	40	50	60
	21P	JP2-10021	3	40	21	33	43	53	63
	24P	JP2-10024	6	40	24	36	46	56	66

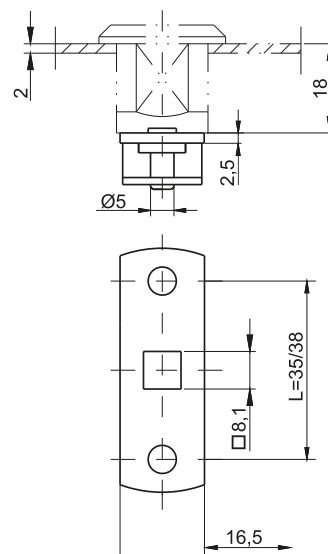
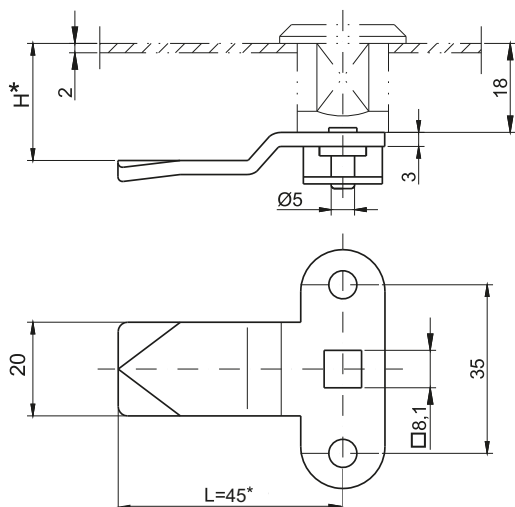
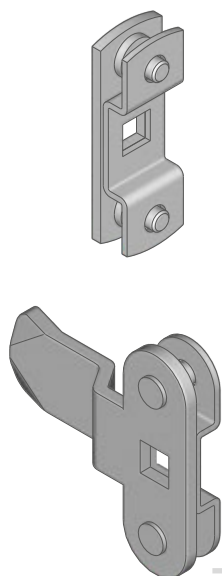


19		CAM WITHOUT LIMITER							
CAM RANGE [G]	H	Cat. Number	h	L	GH:18 H	GH:30 H	GH:40 H	GH:50 H	GH:60 H
	18P	JP-10018	0	40	18	30	40	50	60
	21P	JP-10021	3	40	21	33	43	53	63
	24P	JP-10024	6	40	24	36	46	56	66
	29P	JP-10029	11	40	29	41	51	61	71

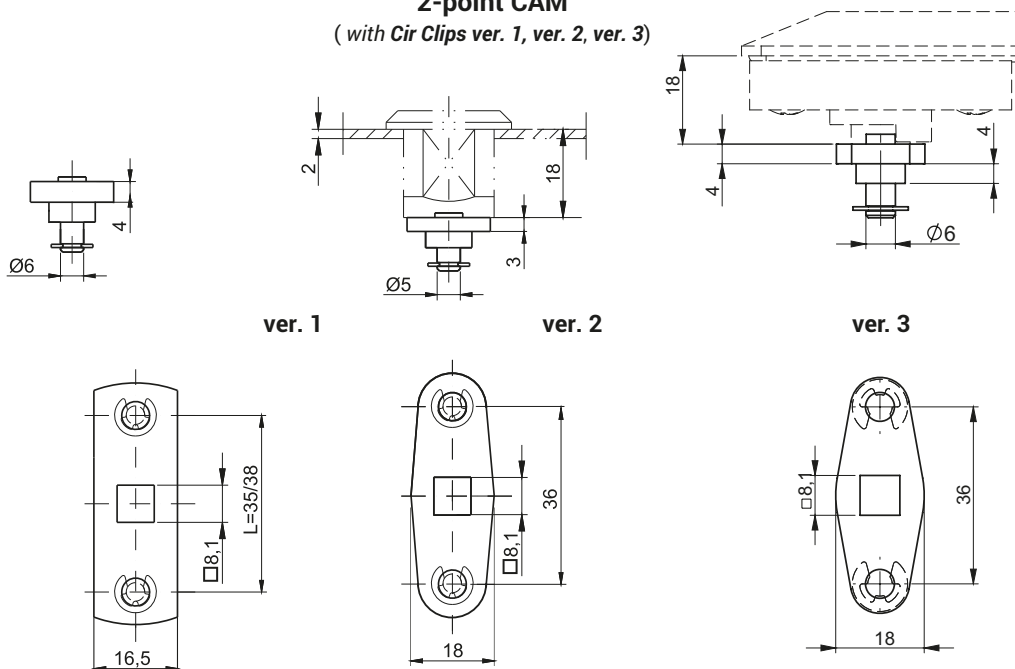


3-point CAM
(without limiter
with *protective element*)

2-point CAM
(with *protective element*)



2-point CAM
(with *Cir Clips ver. 1, ver. 2, ver. 3*)



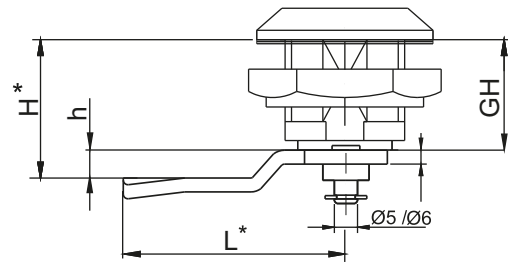
NOTE:

When ordering 2-point Cams with dimension between pins 35 mm you must add /35 e.g. (JB-20018/35 or J-20018/35).

CAT. NUMBER	NAME	DIMENSIONS H [mm]	MATERIAL
JB-30018	JB-30018SN	18	Steel zinc plated or stainless steel
JB-30021	JB-30021SN	21	
JB-30024	JB-30024SN	24	
JB-30029	JB-30029SN	29	
JB-20018/35	JB-20018/35SN	18L=35	Steel zinc plated or stainless steel
JB-20018/38	JB-20018/38SN	18L=38	
J-20018/35	J-20018/35SN	18L=35	Steel zinc plated or stainless steel
J-20018/38	J-20018/38SN	18L=38	

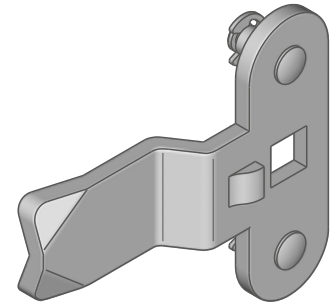
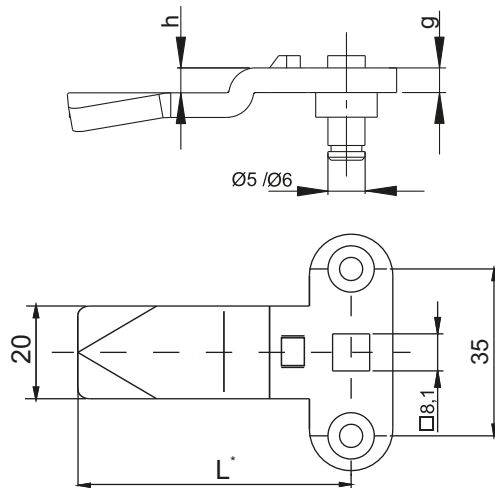
• *dimension negotiable

21
CAM RANGE [g]

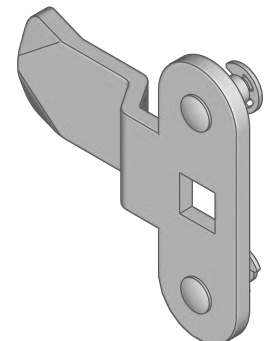
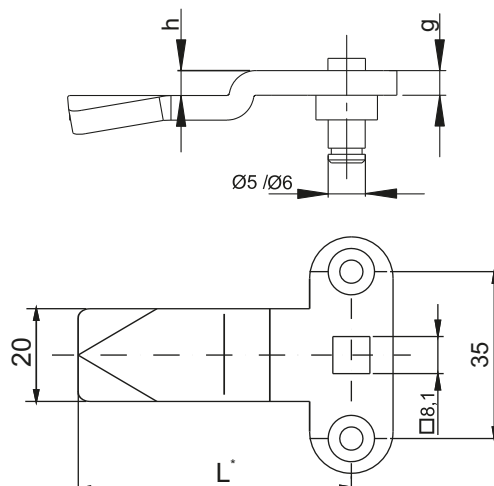


- GH - height body
- H - height locking
- h - height cam
- L - length cam
- g - thickness cam

3-point CAM with limiter



3-point CAM without limiter



STEEL ZINC PLATED

31	APPLICATION: Locking system with cap and locks M22													
	H	Numer katalogowy	g*	h	L	GH:18 H	GH:19 H	GH:23 H	GH:28 H	GH:30 H	GH:38 H	GH:40 H	GH:50 H	GH:60 H
CAM RANGE [G]	18	J-3751845	3	0	45	18	19	23	28	30	38	40	50	60
	19	J-3751945	3	1	45	19	20	24	29	31	39	41	51	61
	20	J-3752045	3	2	45	20	21	25	30	32	40	42	52	62
	21	J-3752145	3	3	45	21	22	26	31	33	41	43	53	63
	22	J-3752245	3	4	45	22	23	27	32	34	42	44	54	64
	24	J-3752445	3	6	45	24	25	29	34	36	44	46	56	66
	26	J-3752645	3	8	45	26	27	31	36	38	46	48	58	68
	28	J-3752845	3	10	45	28	29	33	38	40	48	50	60	70
	30	J-3753045	3	12	45	30	31	35	40	42	50	52	62	72
	32	J-3753245	3	14	45	32	33	37	42	44	52	54	64	74
	34	J-3753445	3	16	45	34	35	39	44	46	54	56	66	76
	36	J-3753645	3	18	45	36	37	-	46	48	56	58	68	78
	38	J-3753845	3	20	45	38	39	-	48	50	58	60	70	80
	40	J-3754045	3	22	45	40	41	-	50	52	60	62	72	82
	42	J-3754245	3	24	45	42	43	-	52	54	62	64	74	84
	16	J-3751645	3	-2	45	16	17	-	26	28	36	38	48	58
	14	J-3751445	3	-4	45	14	15	-	24	26	34	36	46	56
	12	J-3751245	3	-6	45	12	13	-	22	24	32	34	44	54
	10	J-3751045	3	-8	45	10	11	-	20	22	30	32	42	52

32	APPLICATION: Locks M22													
	H	Numer katalogowy	g*	h	L	GH:18 H	GH:19 H	GH:23 H	GH:28 H	GH:30 H	GH:38 H	GH:40 H	GH:50 H	GH:60 H
CAM RANGE [G]	18	J-3601845	3	0	45	18	19	23	28	30	38	40	50	60
	19	J-3601945	3	1	45	19	20	24	29	31	39	41	51	61
	20	J-3602045	3	2	45	20	21	25	30	32	40	42	52	62
	21	J-3602145	3	3	45	21	22	26	31	33	41	43	53	63
	22	J-3602245	3	4	45	22	23	27	32	34	42	44	54	64
	24	J-3602445	3	6	45	24	25	29	34	36	44	46	56	66
	26	J-3602645	3	8	45	26	27	31	36	38	46	48	58	68
	28	J-3602845	3	10	45	28	29	33	38	40	48	50	60	70
	30	J-3603045	3	12	45	30	31	35	40	42	50	52	62	72
	32	J-3603245	3	14	45	32	33	37	42	44	52	54	64	74
	34	J-3603445	3	16	45	34	35	39	44	46	54	56	66	76
	36	J-3603645	3	18	45	36	37	-	46	48	56	58	68	78
	38	J-3603845	3	20	45	38	39	-	48	50	58	60	70	80
	40	J-3604045	3	22	45	40	41	-	50	52	60	62	72	82
	42	J-3604245	3	24	45	42	43	-	52	54	62	64	74	84
	16	J-3601645	3	-2	45	16	17	-	26	28	36	38	48	58
	14	J-3601445	3	-4	45	14	15	-	24	26	34	36	46	56
	12	J-3601245	3	-6	45	12	13	-	22	24	32	34	44	54
	10	J-3601045	3	-8	45	10	11	-	20	22	30	32	42	52

When ordering a custom cam, you should contact your dealer for more details ..

STAINLESS STEEL

33	APPLICATION: Locking system with cap and locks M22													
	H	Catalogue number	g*	h	L	GH:18 H	GH:19 H	GH:23 H	GH:28 H	GH:30 H	GH:38 H	GH:40 H	GH:50 H	GH:60 H
CAM RANGE [G]	18	J-3751845SN	3	0	45	18	19	23	28	30	38	40	50	60
	19	J-3751945SN	3	1	45	19	20	24	29	31	39	41	51	61
	20	J-3752045SN	3	2	45	20	21	25	30	32	40	42	52	62
	21	J-3752145SN	3	3	45	21	22	26	31	33	41	43	53	63
	22	J-3752245SN	3	4	45	22	23	27	32	34	42	44	54	64
	24	J-3752445SN	3	6	45	24	25	29	34	36	44	46	56	66
	26	J-3752645SN	3	8	45	26	27	31	36	38	46	48	58	68
	28	J-3752845SN	3	10	45	28	29	33	38	40	48	50	60	70
	30	J-3753045SN	3	12	45	30	31	35	40	42	50	52	62	72
	32	J-3753245SN	3	14	45	32	33	37	42	44	52	54	64	74
	34	J-3753445SN	3	16	45	34	35	39	44	46	54	56	66	76
	36	J-3753645SN	3	18	45	36	37	-	46	48	56	58	68	78
	38	J-3753845SN	3	20	45	38	39	-	48	50	58	60	70	80
	40	J-3754045SN	3	22	45	40	41	-	50	52	60	62	72	82
	42	J-3754245SN	3	24	45	42	43	-	52	54	62	64	74	84
	16	J-3751645SN	3	-2	45	16	17	-	26	28	36	38	48	58
	14	J-3751445SN	3	-4	45	14	15	-	24	26	34	36	46	56
	12	J-3751245SN	3	-6	45	12	13	-	22	24	32	34	44	54
	10	J-3751045SN	3	-8	45	10	11	-	20	22	30	32	42	52
	8	J-375845SN	3	-10	45	8	9	-	28	20	28	30	40	50

34	APPLICATION: Locks M22													
	H	Catalogue number	g*	h	L	GH:18 H	GH:19 H	GH:23 H	GH:28 H	GH:30 H	GH:38 H	GH:40 H	GH:50 H	GH:60 H
CAM RANGE [G]	18	J-3601845SN	3	0	45	18	19	23	28	30	38	40	50	60
	19	J-3601945SN	3	1	45	19	20	24	29	31	39	41	51	61
	20	J-3602045SN	3	2	45	20	21	25	30	32	40	42	52	62
	21	J-3602145SN	3	3	45	21	22	26	31	33	41	43	53	63
	22	J-3602245SN	3	4	45	22	23	27	32	34	42	44	54	64
	24	J-3602445SN	3	6	45	24	25	29	34	36	44	46	56	66
	26	J-3602645SN	3	8	45	26	27	31	36	38	46	48	58	68
	28	J-3602845SN	3	10	45	28	29	33	38	40	48	50	60	70
	30	J-3603045SN	3	12	45	30	31	35	40	42	50	52	62	72
	32	J-3603245SN	3	14	45	32	33	37	42	44	52	54	64	74
	34	J-3603445SN	3	16	45	34	35	39	44	46	54	56	66	76
	36	J-3603645SN	3	18	45	36	37	-	46	48	56	58	68	78
	38	J-3603845SN	3	20	45	38	39	-	48	50	58	60	70	80
	40	J-3604045SN	3	22	45	40	41	-	50	52	60	62	72	82
	42	J-3604245SN	3	24	45	42	43	-	52	54	62	64	74	84
	16	J-3601645SN	3	-2	45	16	17	-	26	28	36	38	48	58
	14	J-3601445SN	3	-4	45	14	15	-	24	26	34	36	46	56
	12	J-3601245SN	3	-6	45	12	13	-	22	24	32	34	44	54
	10	J-3601045SN	3	-8	45	10	11	-	20	22	30	32	42	52
	8	J-360845SN	3	-10	45	8	9	-	28	20	28	30	40	50

When ordering a custom cam, you should contact your dealer for more details ..

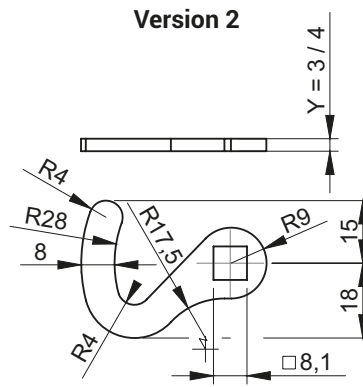
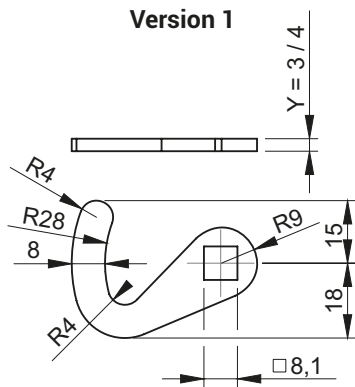
STAINLESS STEEL

35	H	Cat. Number	g*	h	L	GH:18 H	GH:22 H	GH:30 H	GH:40 H	GH:50 H	GH:60 H
	CAM RANGE [G]	18	J-3001845	3	0	45	18	22	30	40	50
19		J-3001945	3	1	45	19	23	31	41	51	61
20		J-3002045	3	2	45	20	24	32	42	52	62
21		J-3002145	3	3	45	21	25	33	43	53	63
22		J-3002245	3	4	45	22	26	34	44	54	64
24		J-3002445	3	6	45	24	28	36	46	56	66
26		J-3002645	3	8	45	26	30	38	48	58	68
28		J-3002845	3	10	45	28	32	40	50	60	70
30		J-3003045	3	12	45	30	34	42	52	62	72
32		J-3003245	3	14	45	32	36	44	54	64	74
34		J-3003445	3	16	45	34	38	46	56	66	76
36		J-3003645	3	18	45	36	40	48	58	68	78
38		J-3003845	3	20	45	38	42	50	60	70	80
40		J-3004045	3	22	45	40	44	52	62	72	82
42		J-3004245	3	24	45	42	46	54	64	74	84
16		J-3001645	3	-2	45	16	20	28	38	48	58
14		J-3001445	3	-4	45	14	18	26	36	46	56
12		J-3001245	3	-6	45	12	16	24	34	44	54
10		J-3001045	3	-8	45	10	14	22	32	42	52
8		J-3000845	3	-10	45	8	12	20	30	40	50

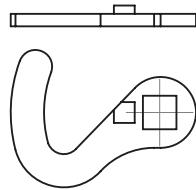
STAINLESS STEEL

36	H	Cat. Number	g*	h	L	GH:18 H	GH:22 H	GH:30 H	GH:40 H	GH:50 H	GH:60 H
	CAM RANGE [G]	18	J-3001845SN	3	0	45	18	22	30	40	50
19		J-3001945SN	3	1	45	19	23	31	41	51	61
20		J-3002045SN	3	2	45	20	24	32	42	52	62
21		J-3002145SN	3	3	45	21	25	33	43	53	63
22		J-3002245SN	3	4	45	22	26	34	44	54	64
24		J-3002445SN	3	6	45	24	28	36	46	56	66
26		J-3002645SN	3	8	45	26	30	38	48	58	68
28		J-3002845SN	3	10	45	28	32	40	50	60	70
30		J-3003045SN	3	12	45	30	34	42	52	62	72
32		J-3003245SN	3	14	45	32	36	44	54	64	74
34		J-3003445SN	3	16	45	34	38	46	56	66	76
36		J-3003645SN	3	18	45	36	40	48	58	68	78
38		J-3003845SN	3	20	45	38	42	50	60	70	80
40		J-3004045SN	3	22	45	40	44	52	62	72	82
42		J-3004245SN	3	24	45	42	46	54	64	74	84
16		J-3001645SN	3	-2	45	16	20	28	38	48	58
14		J-3001445SN	3	-4	45	14	18	26	36	46	56
12		J-3001245SN	3	-6	45	12	16	24	34	44	54
10		J-3001045SN	3	-8	45	10	14	22	32	42	52
8		J-3000845SN	3	-10	45	8	12	20	30	40	50

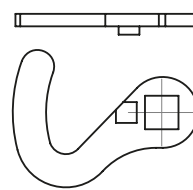
1-point hook cam TYPE JK-10018



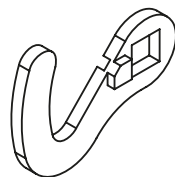
Version 1 with limiter
Left



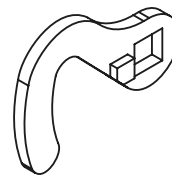
Version 2 with limiter
Right



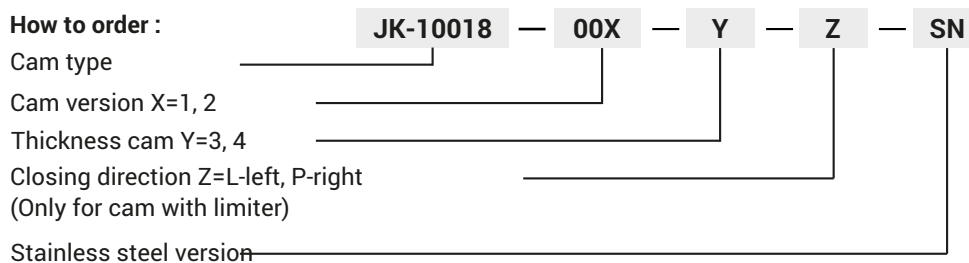
Left



Right

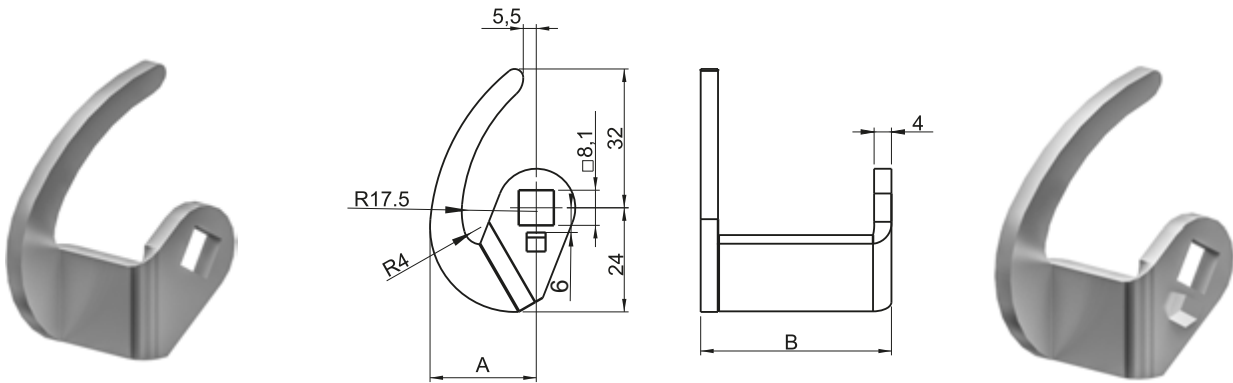


CAT. NUMBER		NAME
STEEL	STAINLESS STEEL	
JK-10018-00X-Y-Z	JK-10018-00X-Y-Z-SN	1-point cam - hook type JK-10018



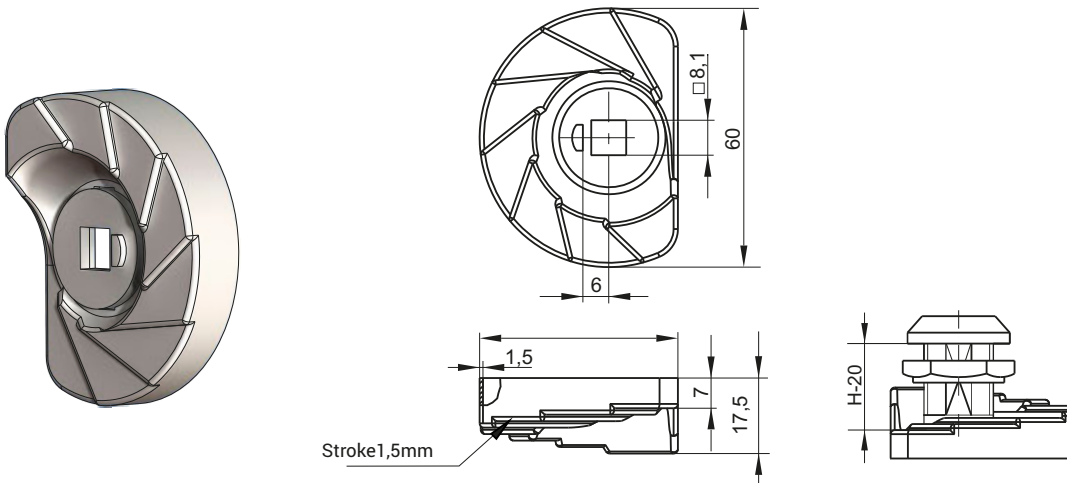


**1-point cam without limiter
TYP J-6000**



**1-point cam with limiter
TYP J-6000**

**1-point cam stepped
TYP JK-1610.01.**



Dimension H 18mm: 20, 18.5, 17, 15.5, 14, 12.5, 11, 9.5
Cam works with housing 18, 30, 60

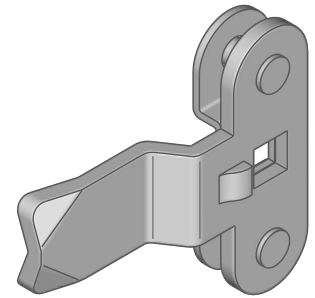
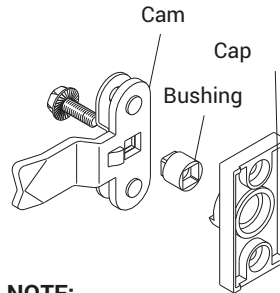
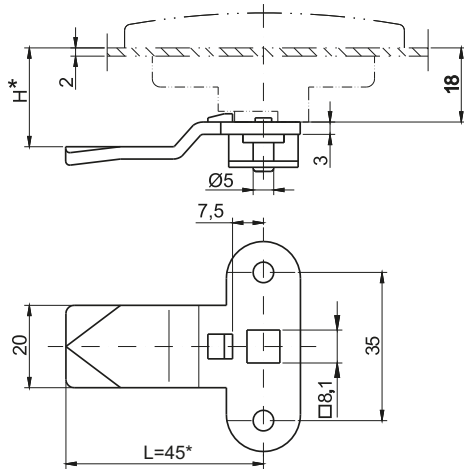
CAT. NUMBER		NAME	DIMENSION [mm]		
STEEL	STAINLESS STEEL		h	A	B
J-6000.01	J-6000.01SN	1-point cam hook without limiter	22	26	26
J-6000.02	J-6000.02SN		40	24,5	44
J-6000.03	J-6000.03SN	1-point cam hook with limiter	22	26	26
J-6000.04	J-6000.04SN		40	24,5	44
JK-1610.01		1-point cam stepped			

• * dimensions negotiable



3-point CAM.

(with limiter and protective element for Cap)

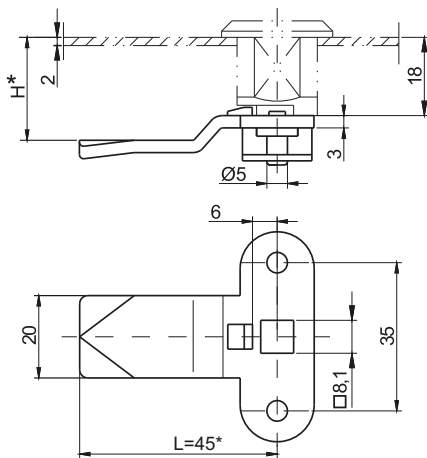


NOTE:

When ordering 3-point cam with limiter for cap, you must order bushing, page 1C-21.

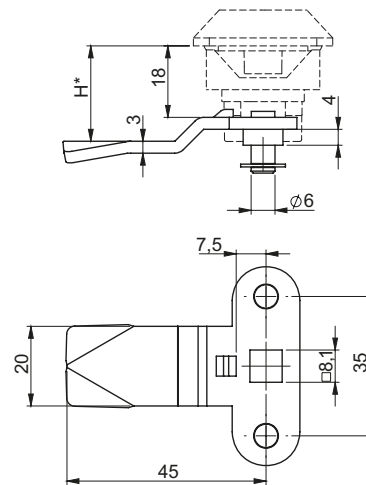
3-point CAM.

(with limiter and protective element)



3-point CAM.

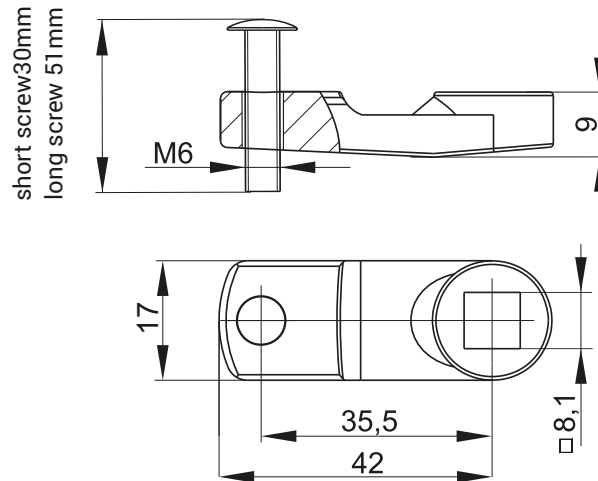
(with limiter)



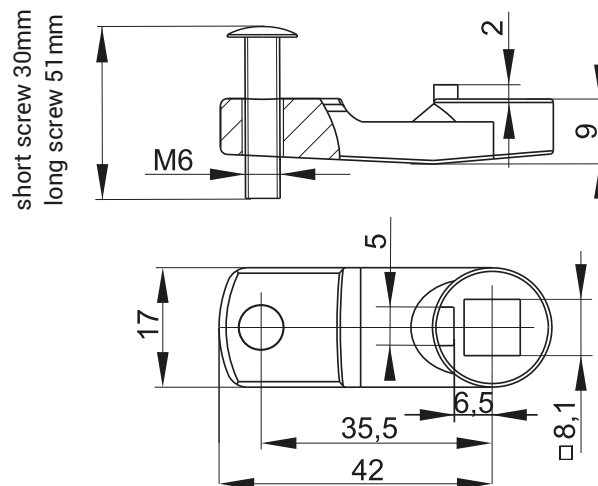
38	CAT. NUMBER		NAME	DIMENSION	MATERIAL
	SEEL ZINC PLATED	STAINLESS STEEL		H [mm]	
CAM RANGE [G]	JBN-37518	JBN-37518SN	3-point cam with limiter and protective element used with cap, pager 1C-9	18	Steel zinc plated or Stainless Steel
	JBN-37521	JBN-37521SN		21	
	JBN-37524	JBN-37524SN		24	
	JBN-37529	JBN-37529SN		29	
	JB-37518	JB-37518SN	3-point cam with limiter and protective element	18	Steel zinc plated or Stainless Steel
	JB-37521	JB-37521SN		21	
	JB-37524	JB-37524SN		24	
	JB-37529	JB-37529SN		29	
	JA-3751845	JB-3751845SN	3-point cam with limiter	18	Steel zinc plated or Stainless Steel
	JA-3752145	JB-3752145SN		21	
	JA-3752445	JB-3752445SN		24	
	JA-3752945	JB-3752945SN		29	

• *dimension negotiable - extra charge

1-point CAM JZ (without limiter)

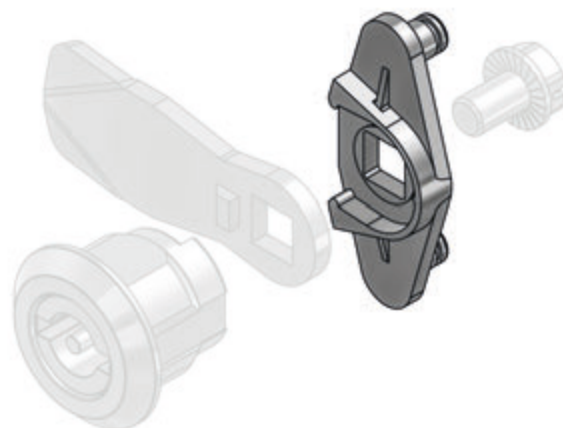
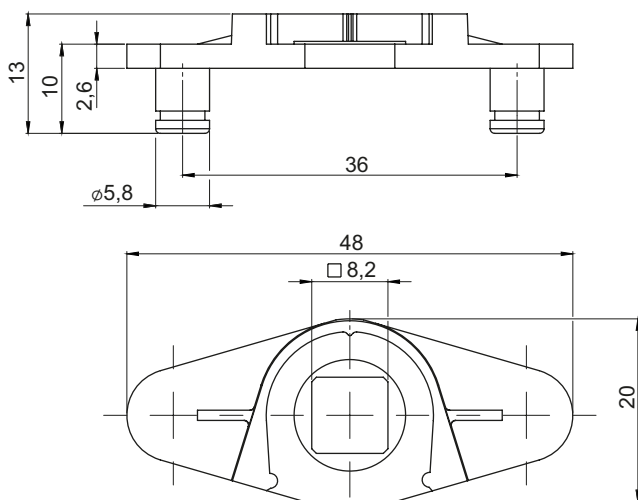


1-point CAM JZ (with limiter)



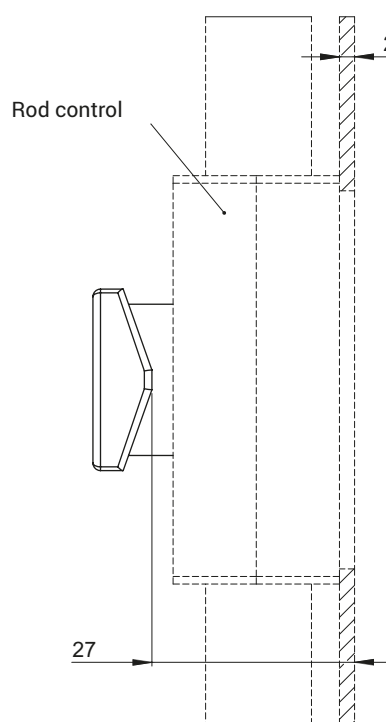
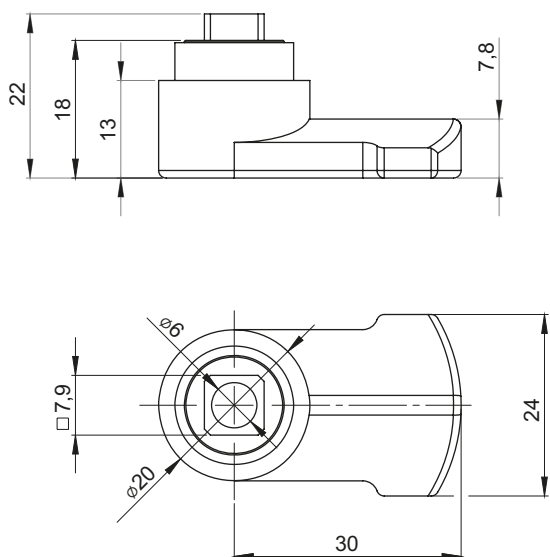
CAT. NUMBER	NAME	MATERIAL
JZ-001	1-point CAM JZ without limited	Zamak - RAL 9005, zinc plated, chrome
JZ-002	1-point CAM JZ with limited	Zamak - RAL 9005, zinc plated, chrome

Cam adapter JC-20018/36 Cam ZAMAK JZN-10027/30



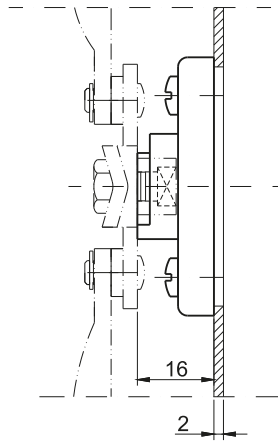
CATALOGUE NO.	DETAIL	MATERIAL
JC-20018/36	Cam adapter	ZAMAK, zinc plated

Cam adapter JC-20018/36 is fitted with the rod 1C.904.051.
and group of cams 1-point no. 11, 12, 13, 14, 15, 16 i 17 (pg. 1C-8 - 1C-11)

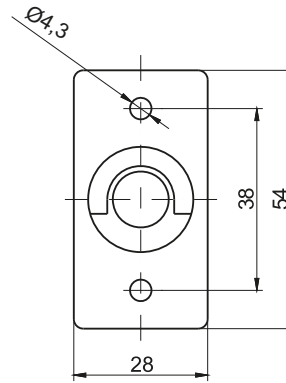


CATALOGUE NO.	DETAIL	MATERIAL
JZN-10027/30	Cam	ZAMAK, zinc plated

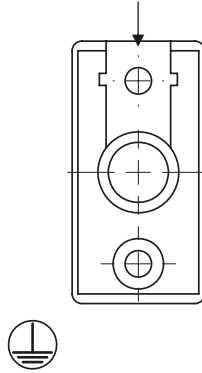
Adapter fitted with rod control.
(pg.: 1C-24 - 1C-29)



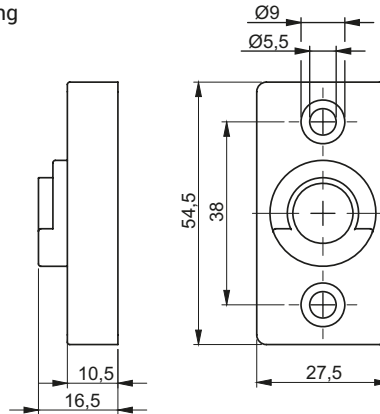
CAP
1C.902.001



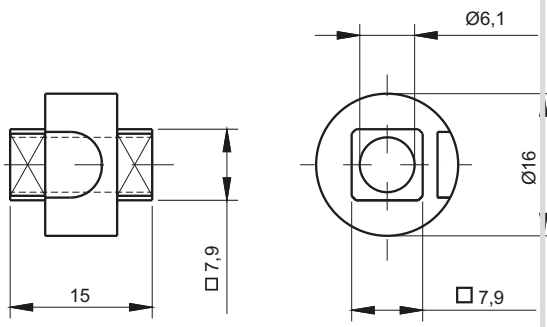
Cap can be fitted with earthing



CAP
1C.902.003

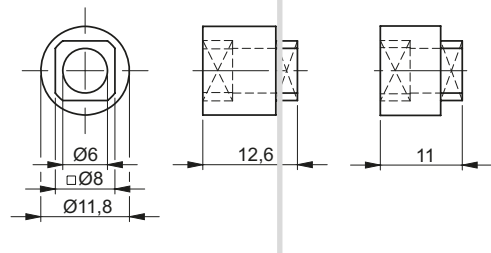


ADAPTER
1C.903.001

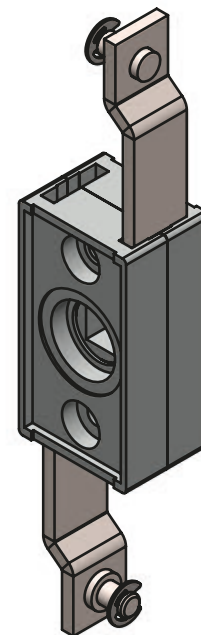
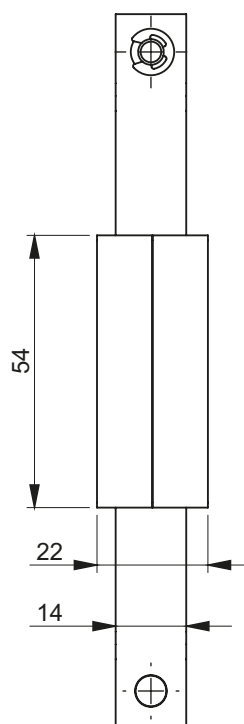
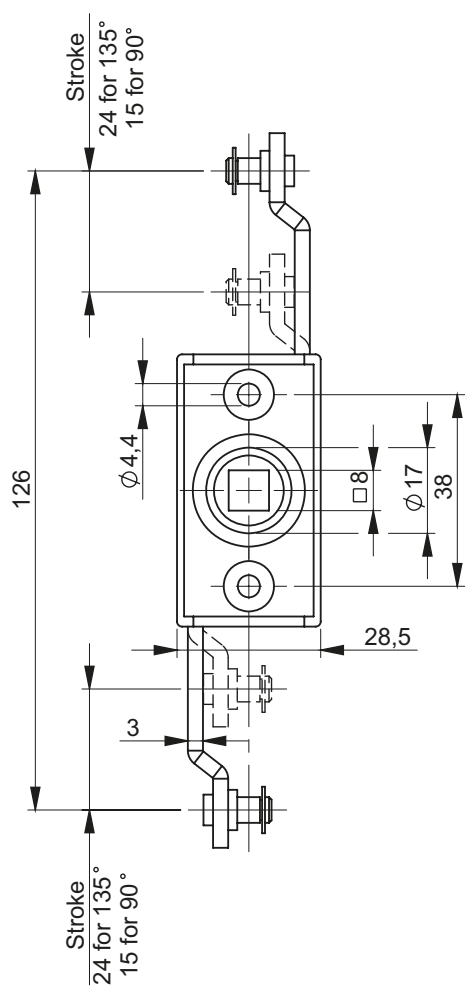


BUSHING

1C.901.001 1C.901.005

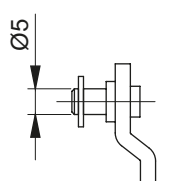
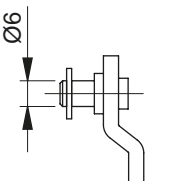
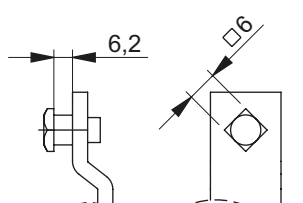
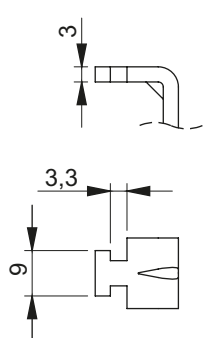


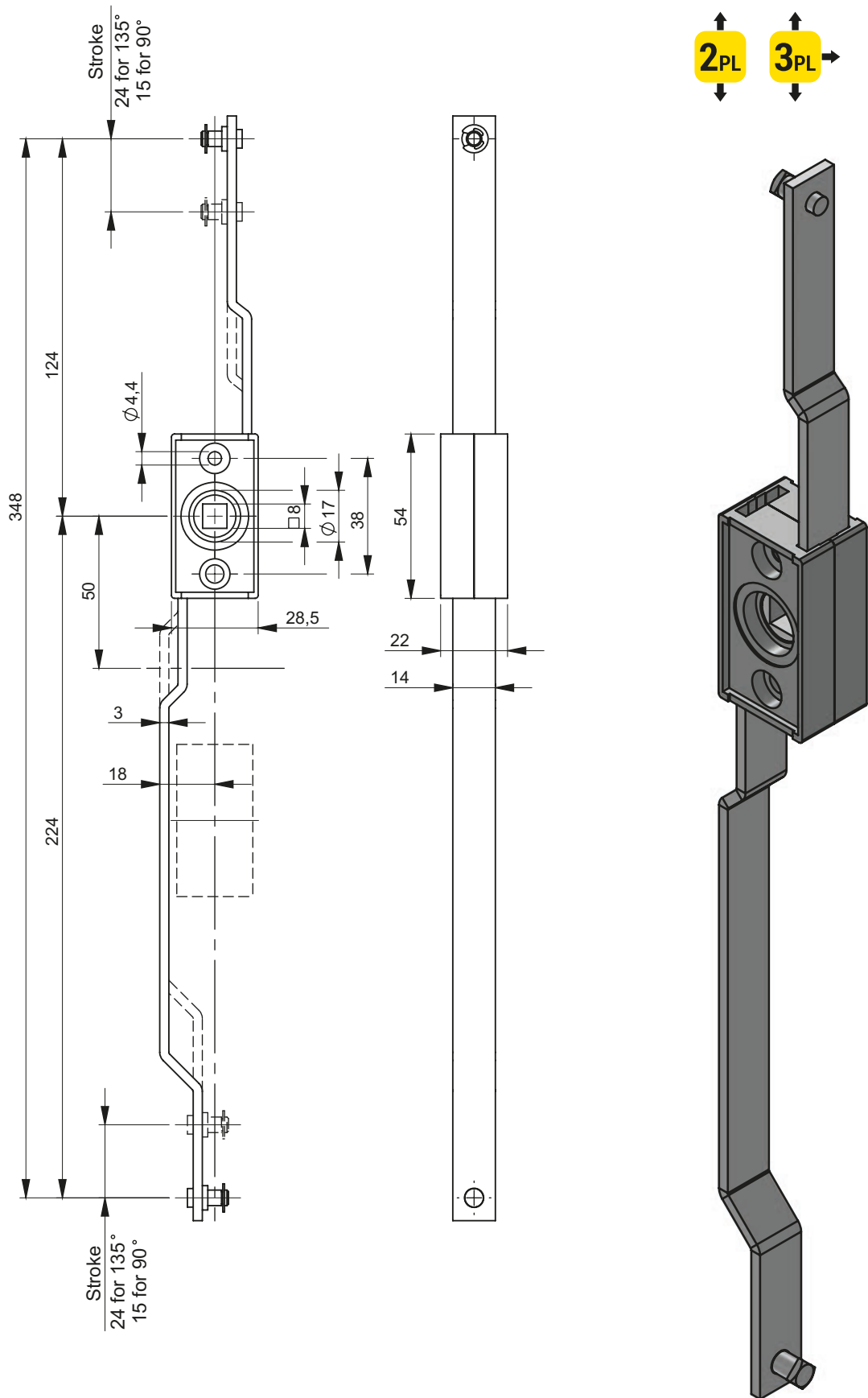
CAT. NUMBER	NAME	MATERIAL
1C.901.001	Bushing for doors at thickness 2,5mm	ZAMAK
1C.901.001SN	Bushing for doors at thickness 2,5mm	Stainless steel
1C.901.005	Bushing for doors at thickness 1,5mm	ZAMAK
1C.901.005SN	Bushing for doors at thickness 1,5mm	Stainless steel
1C.902.001	Cap	ZAMAK
1C.902.001SN	Cap	Stainless steel
1C.902.003	Cap PA	Polyamide
1C.903.001	Adapter	ZAMAK
1C.903.001SN	Adapter	Stainless steel



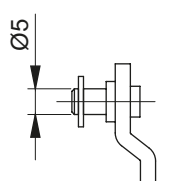
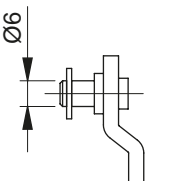
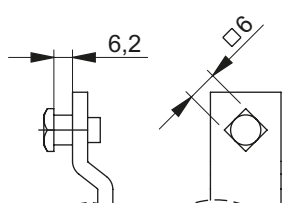
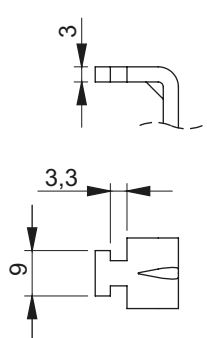
NOTE:

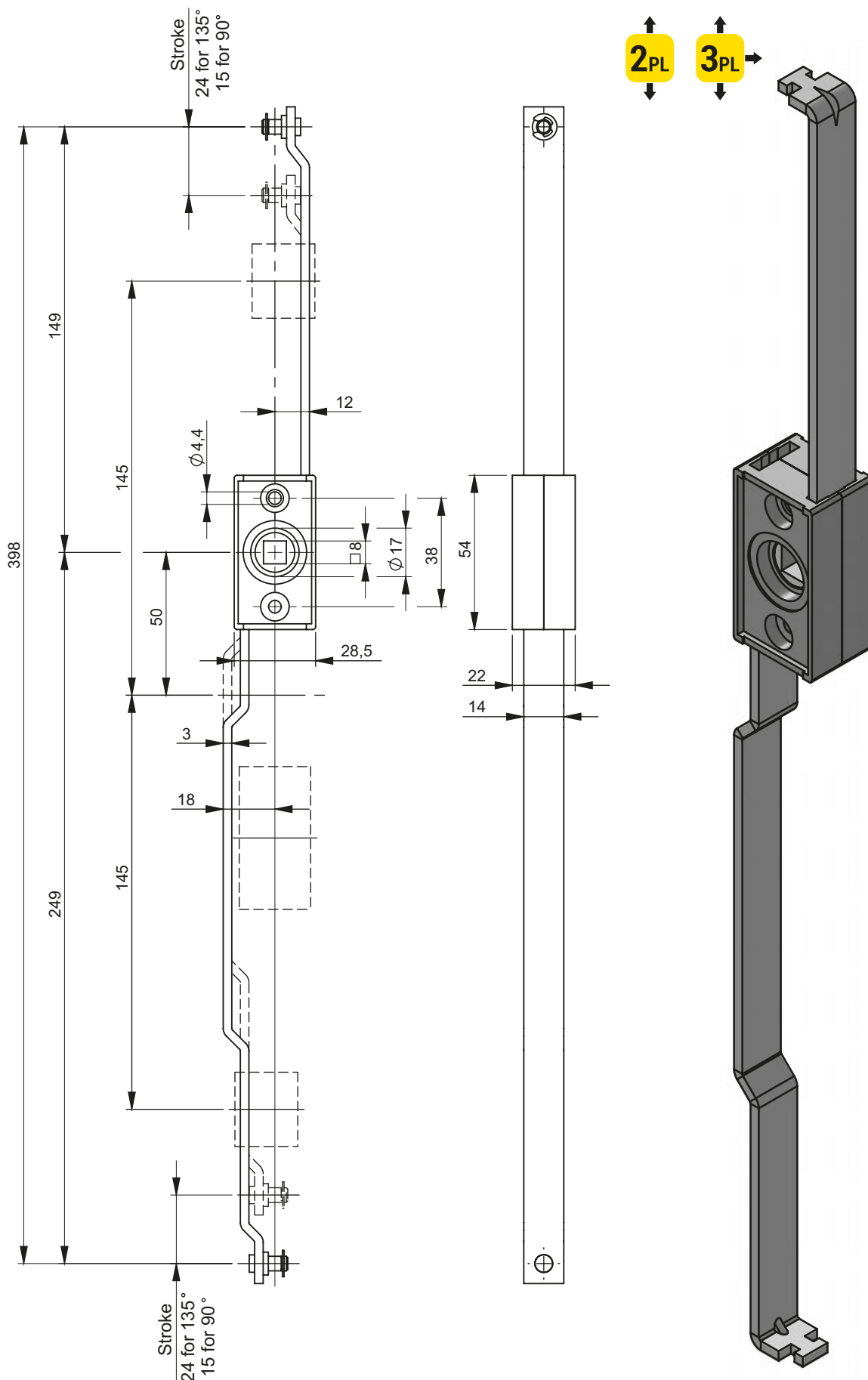
When ordering cogwheel mechanism MZ1K or MZ1P you must order flat rod with correct hole

Version	CATALOGUE NO.	COMPONENTS	
		Housing	Flat rods
MZ1 	MZ1	ZAMAK5	Stainless steel
	MZ1-PA	Polyamide PA6	
	MZ1-PA-SN		Stainless steel
	MZ1-SN	Stainless steel	
MZ1-6 	MZ1-6	ZAMAK5	Steel zink plated
	MZ1-6-PA	Polyamide PA6	Stainless steel
	MZ1-6-PA-SN		
	MZ1-6-SN	Stainless steel	
MZ1K 	MZ1K	ZAMAK5	Steel zink plated
	MZ1K-PA	Polyamide PA6	Stainless steel
	MZ1K-PA-SN		
	MZ1K-SN	Stainless steel	
MZ1P 	MZ1P	ZAMAK5	Steel zink plated
	MZ1P-PA	Polyamide PA6	Stainless steel
	MZ1P-PA-SN		
	MZ1P-SN	Stainless steel	

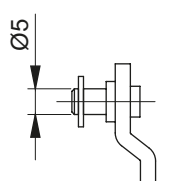
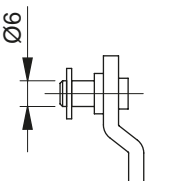
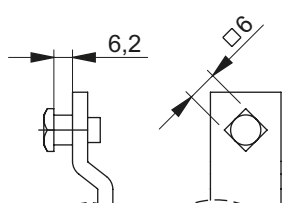
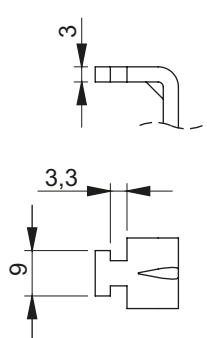


NOTE:
When ordering cogwheel mechanism MZ2K or MZ2P you must order flat rod with correct hole

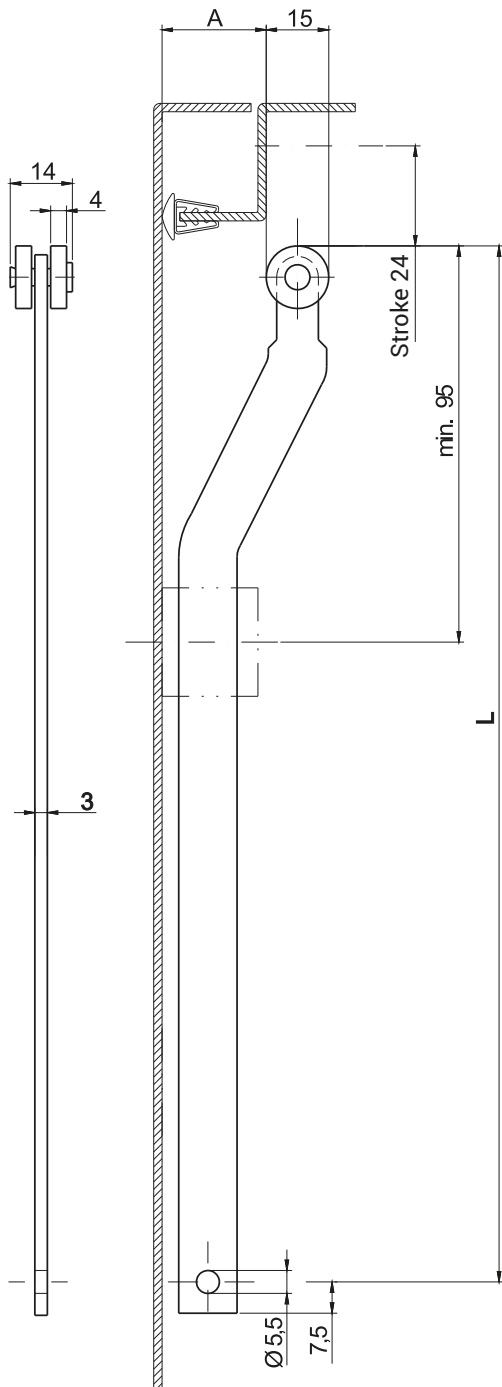
Version	CATALOGUE NO.	COMPONENTS	
		Housing	Flat rods
MZ2 	MZ2	ZAMAK5	Stainless steel
	MZ2-PA	Polyamide PA6	
	MZ2-PA-SN		Stainless steel
	MZ2-SN	Stainless steel	
MZ2-6 	MZ2-6	ZAMAK5	Steel zink plated
	MZ2-6-PA	Polyamide PA6	
	MZ2-6-PA-SN		Stainless steel
	MZ2-6-SN	Stainless steel	
MZ2K 	MZ2K	ZAMAK5	Steel zink plated
	MZ2K-PA	Polyamide PA6	
	MZ2K-PA-SN		Stainless steel
	MZ2K-SN	Stainless steel	
MZ2P 	MZ2P	ZAMAK5	Steel zink plated
	MZ2P-PA	Polyamide PA6	
	MZ2P-PA-SN		Stainless steel
	MZ2P-SN	Stainless steel	



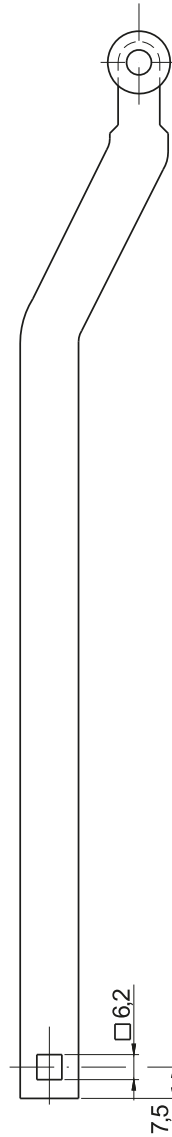
NOTE:
When ordering cogwheel mechanism MZ3K or MZ3P you must order flat rod with correct hole

Version	CATALOGUE NO.	COMPONENTS	
		Housing	Flat rods
MZ3 	MZ3	ZAMAK5	Steel zink plated
	MZ3-PA	Polyamide PA6	
	MZ3-PA-SN		Stainless steel
	MZ3-SN	Stainless steel	
MZ3-6 	MZ3-6	ZAMAK5	Steel zink plated
	MZ3-6-PA	Polyamide PA6	Stainless steel
	MZ3-6-PA-SN		
	MZ3-6-SN	Stainless steel	
MZ3K 	MZ3K	ZAMAK5	Steel zink plated
	MZ3K-PA	Polyamide PA6	Stainless steel
	MZ3K-PA-SN		
	MZ3K-SN	Stainless steel	
MZ3P 	MZ3P	ZAMAK5	Steel zink plated
	MZ3P-PA	Polyamide PA6	Stainless steel
	MZ3P-PA-SN		
	MZ3P-SN	Stainless steel	

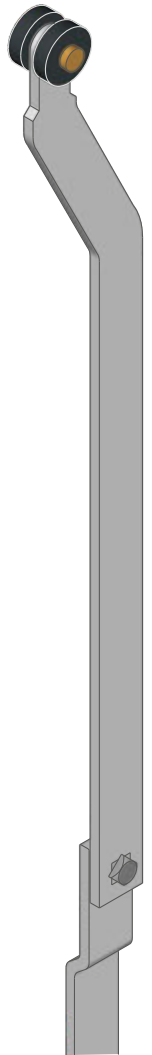
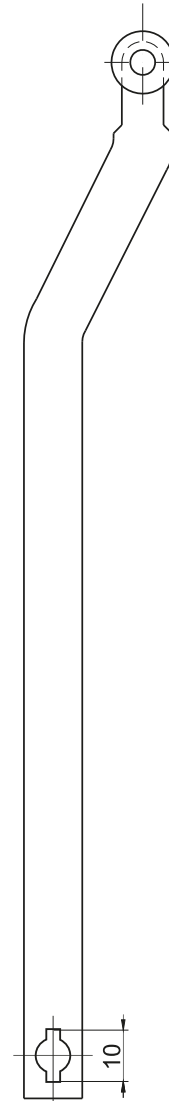
FLAT ROD WITH ROLLERS A25 L (with round hole)



FLAT ROD WITH ROLLERSI A25K - L (with square hole)



FLAT ROD WITH ROLLERS A25P - L

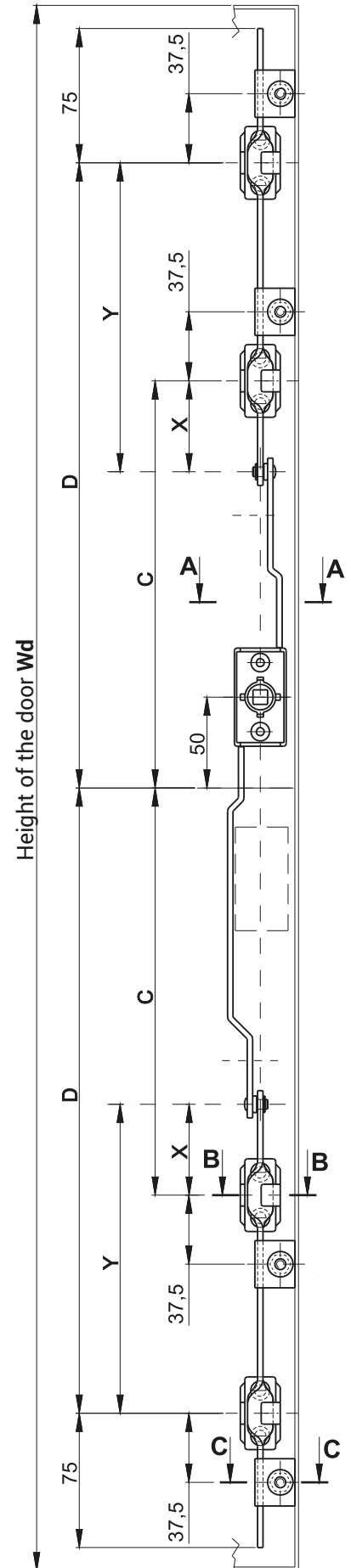
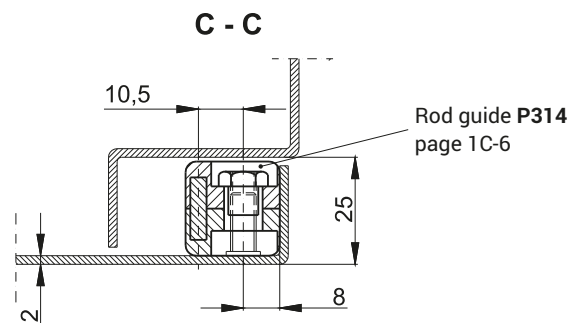
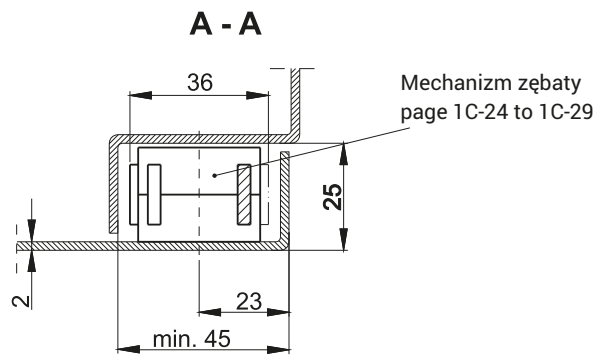
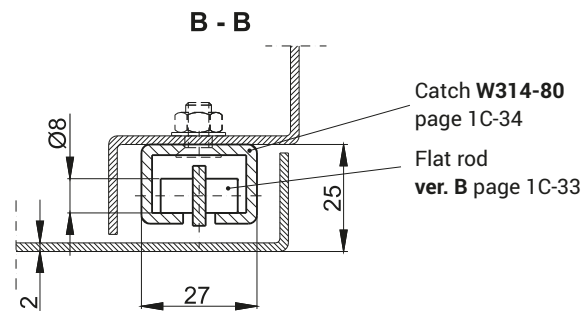
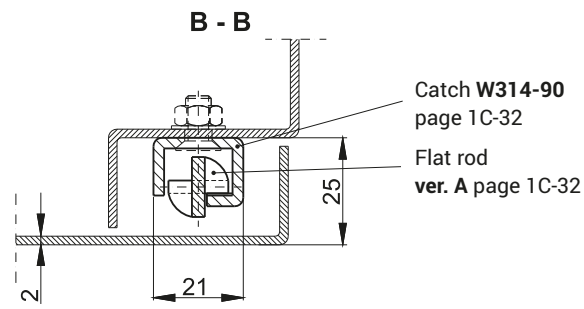
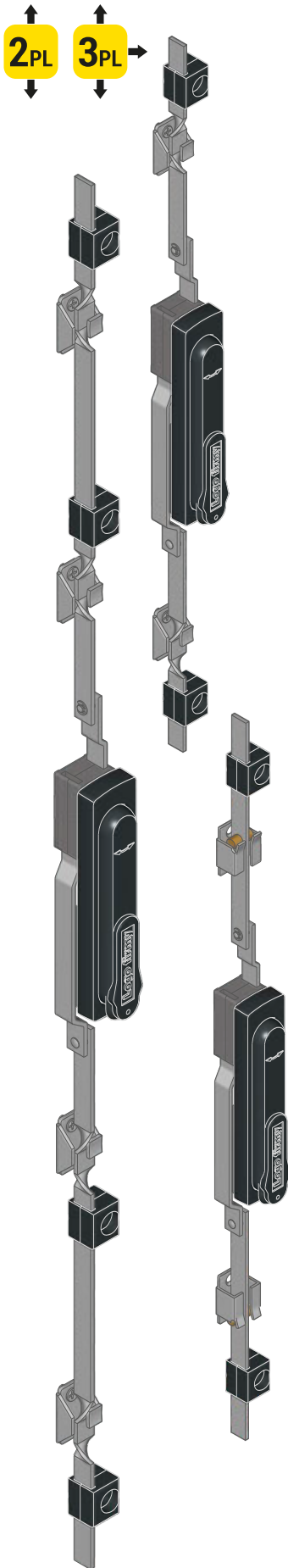


NOTE: Additionally possibility of ordering rubber profile, page 6-1 to 6-18

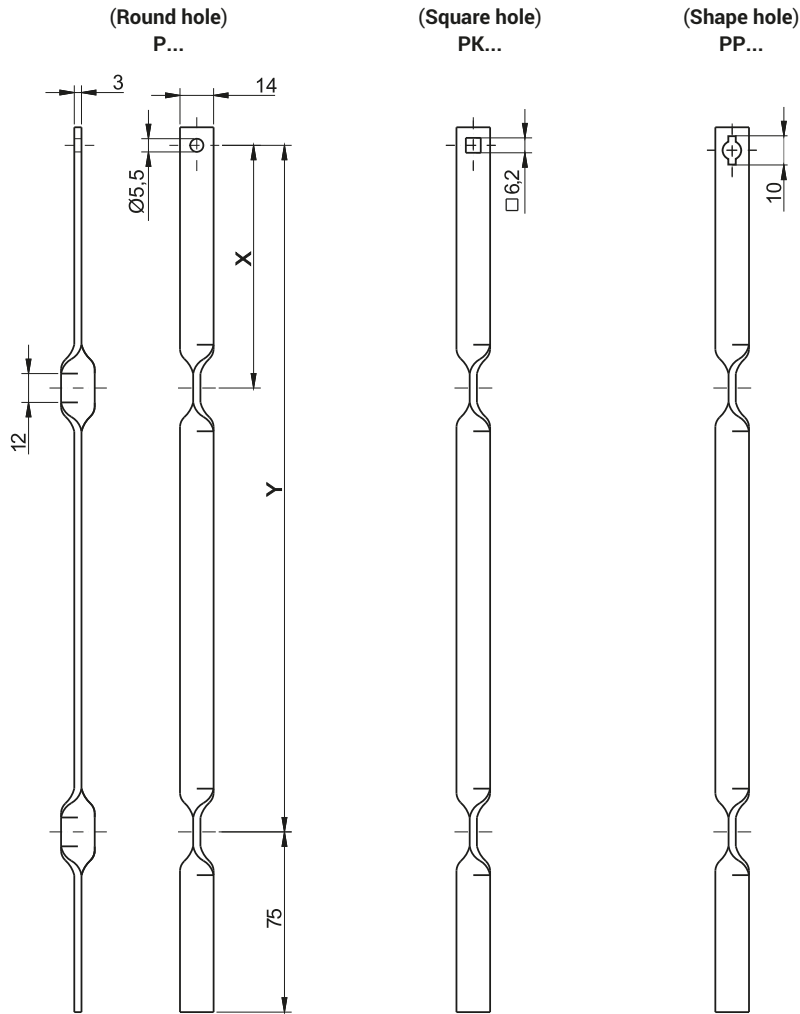
CAT. NUMBER	NAME	MATERIAL	DIMENSIONS	
			A	L
A20 - L	Flat rod with rollers with round hole	Flat rod - steel zinc plated Rollers - PA6	20	Dimensions negotiable
A25 - L			25	
A20K - L	Flat rod with rollers with square hole		20	
A25K - L			25	
A20P - L	Flat rod with rollers		20	
A25P - L			A20P - L, A25P - L	

• **Fox example:** A25K-300 means flat rod 3x14mm, dimension A=25, length L=300mm with square hole

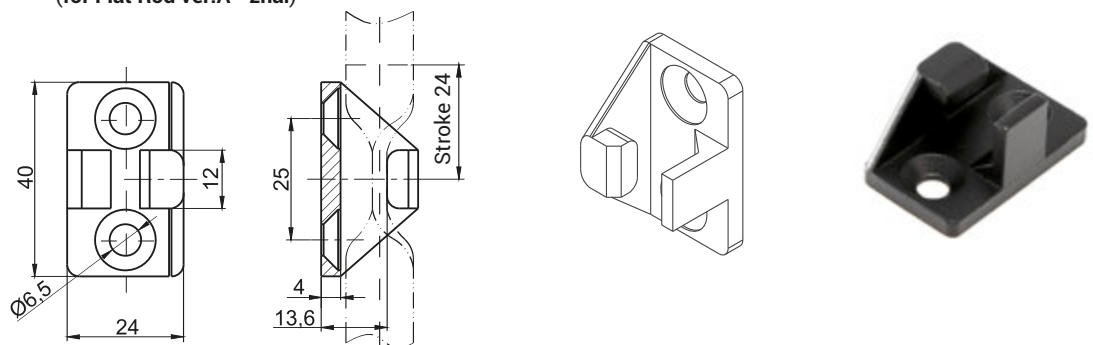
• **Possibility** of producing other flat rod on special request



FLAT ROD ver. A

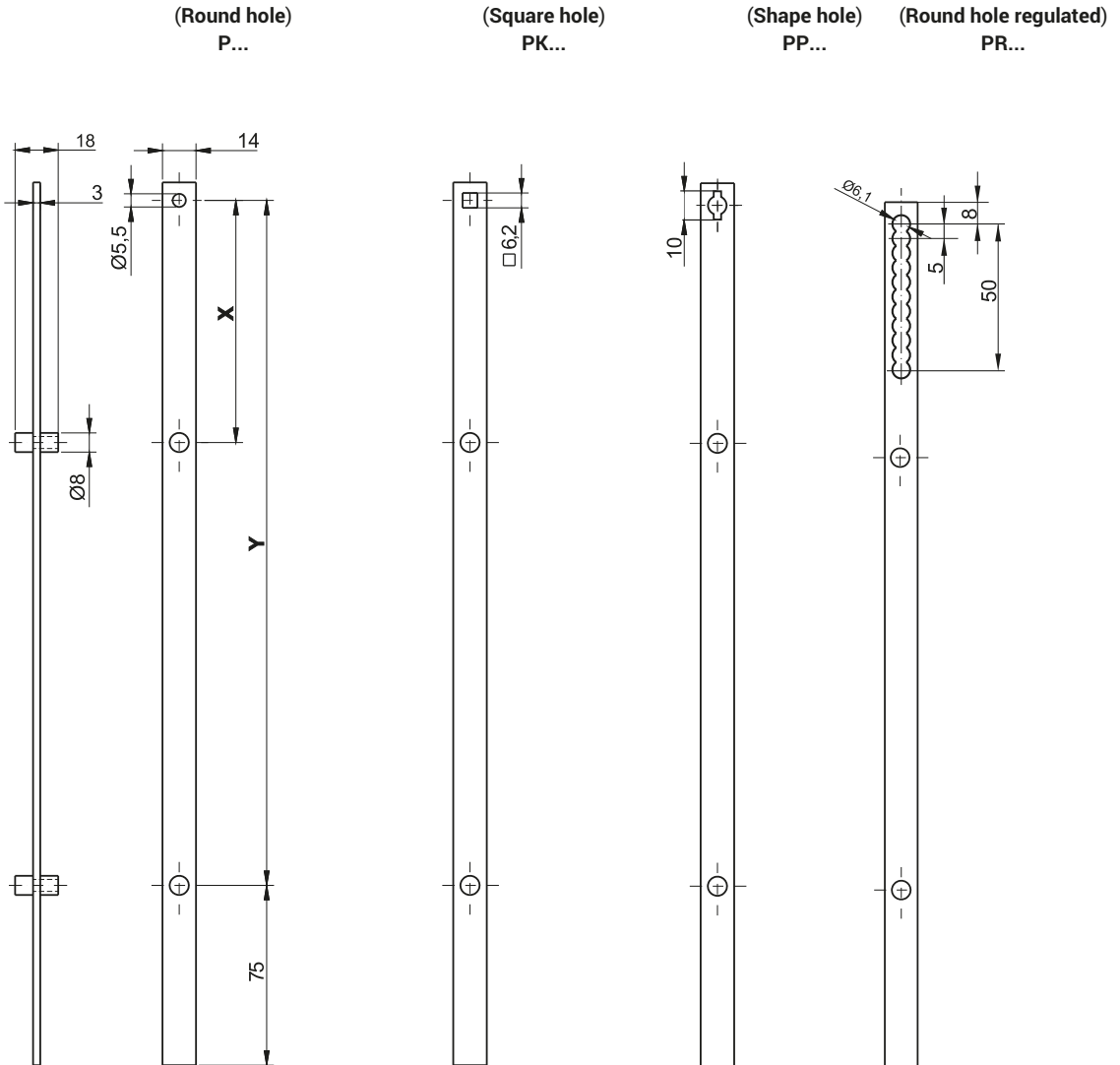


CATCH W314-90 (for Flat Rod ver.A - znal)



CATALOGUE NUMBER FLAT ROD VER. A			DOOR HEIGHT Wd	DIMENSION TO THE FLAT ROD		DIMENSION TO DOOR CENTER		MATERIAL
Round hole	Square hole	Shape hole		X	Y	C	D	
P190-210	PK190-210	PP190-210	800 - 1200	-	126	-	300	Steel zinc plated
P190-351	PK190-351	PP190-351	1200- 1600	-	276	-	450	
P290-601	PK290-601	PP290-601	1600 - 1900	101	526	275	700	
P290-751	PK290-751	PP290-751	1900 - 2200	101	676	275	850	
CAT. NUMBER		NAME		MATERIAL				
1C.907.001		Catch for flat rod ver. A		ZAMAK - powder painted				

FLAT ROD ver. B

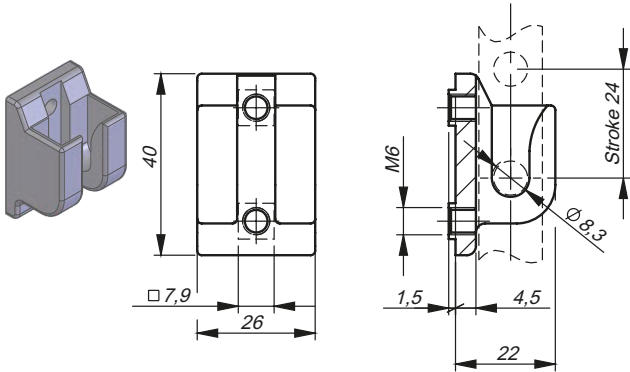


CATALOGUE NUMBER FLAT ROD VER. B			DOOR HEIGHT Wd	DIMENSION OF THE FLAT ROD		DIMENSION TO DOOR CENTER		MATERIAL
Round hole	Square hole	Shape hole		X	Y	C	D	
P18-210	PK18-210	PP18-210	800 - 1200	-	126	-	300	Steel zinc plated
P18-351	PK18-351	PP18-351	1200 - 1600	-	276	-	450	
P28-601	PK28-601	PP28-601	1600 - 1900	101	526	275	700	
P28-751	PK28-751	PP28-751	1900 - 2200	101	676	275	850	

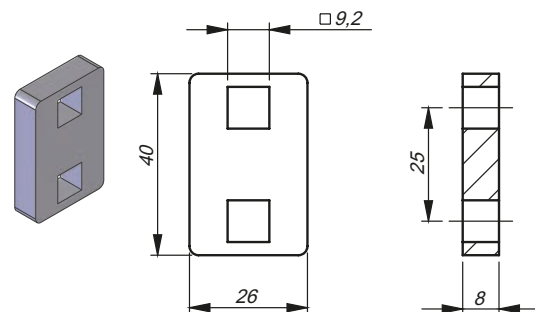
Dimensions C and D page 1C-31.

Catch for flat rod ver. B

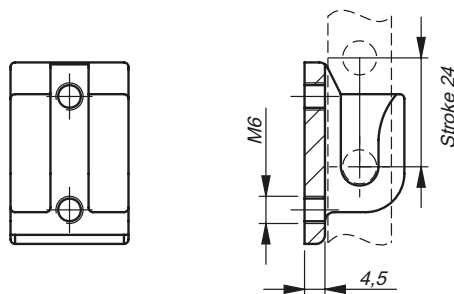
Catch W314-85-A
1C.907.003-A



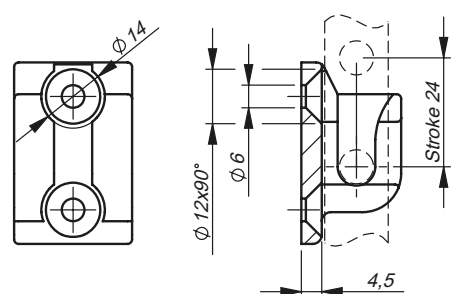
Distance D314-85



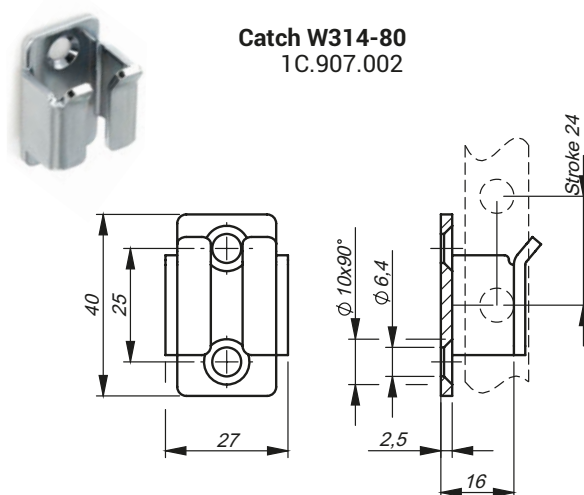
Catch W314-85-B
1C.907.003-B



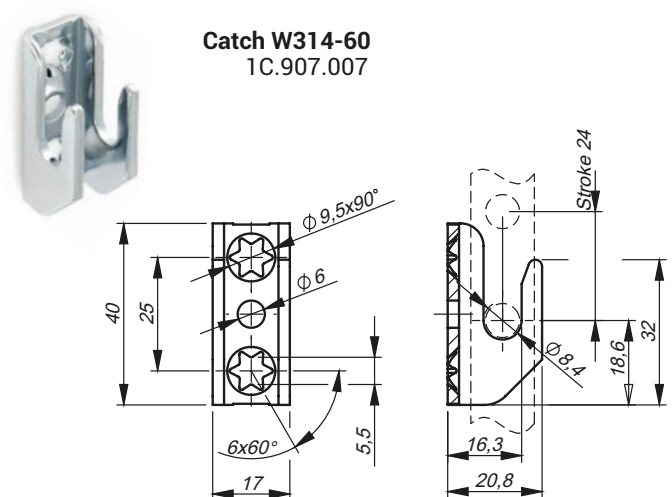
Catch W314-85-C
1C.907.003-C



Catch W314-80
1C.907.002

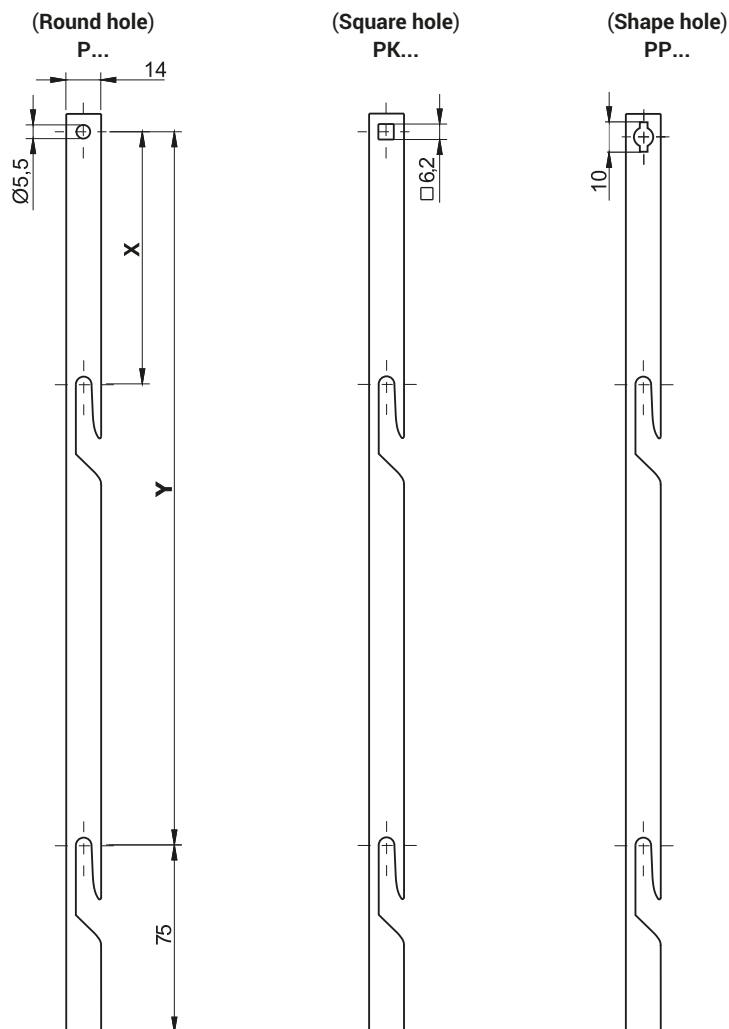


Catch W314-60
1C.907.007

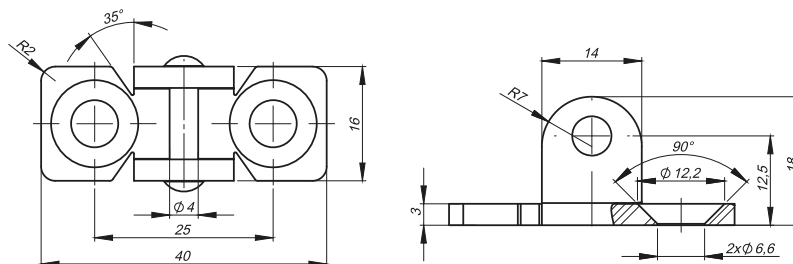


CAT. NUMBER	NAME	MATERIAL
1C.908.001	Distance D314-85 for catch 1C.907.003.001	ZAMAK5
1C.907.003-A	Catch W314-85-A	ZAMAK5
1C.907.003-B	Catch W314-85-B	ZAMAK5
1C.907.003-C	Catch W314-85-C	ZAMAK5
1C.907.002	Catch W314-80	Steel zinc plated
1C.907.007	Catch W314-60	Steel zinc plated

FLAT ROD ver. C



CATCH W314-70 (for Flat Rod ver. C - steel)



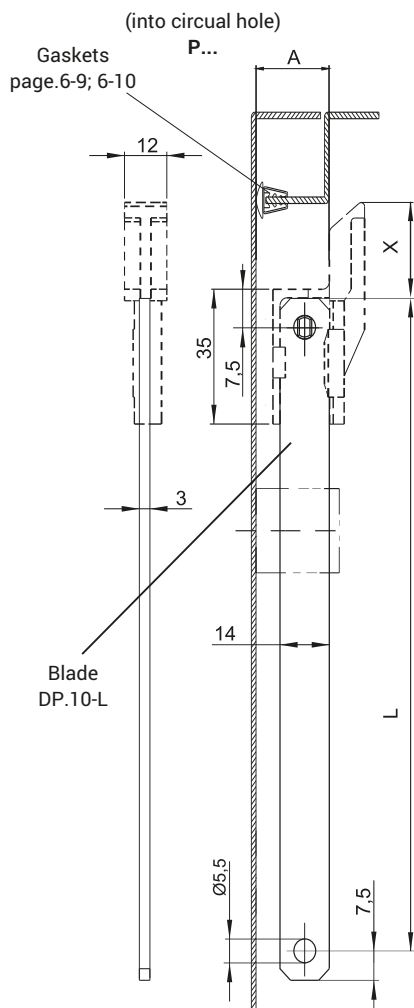
CATALOGUE NUMBER FLAT ROD VER. C			DOOR HEIGHT Wd	DIMENSION OF THE FLAT ROD		DIMENSION TO DOOR CENTER		MATERIAL
Round hole	Square hole	Shape hole		X	Y	C	D	
P390-210	PK390-210	PP38-210	800 - 1200	-	126	-	300	Steel zinc plated
P390-351	PK390-351	PP38-351	1200- 1600	-	276	-	450	
P490-601	PK490-601	PP48-601	1600 - 1900	101	526	275	700	
P490-751	PK490-751	PP48-751	1900 - 2200	101	676	275	850	

CAT. NUMBER	NAME	MATERIAL
1C.907.004	Catch for flat rod ver. C	Steel zinc plated

Flat rods ver. D

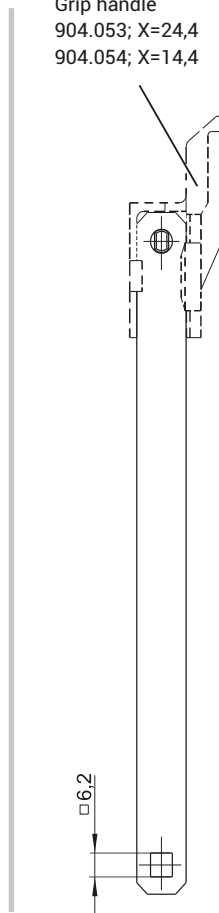
Grip handle 1C.904

FLAT ROD ver. D

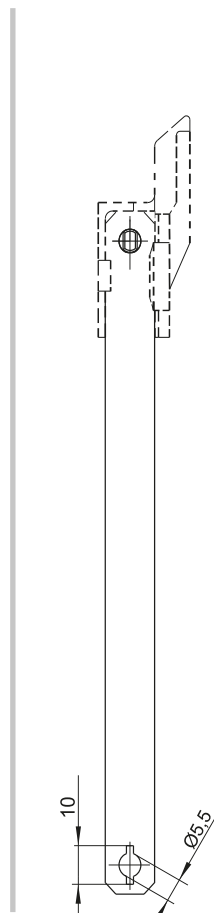


(into square hole)
PK...

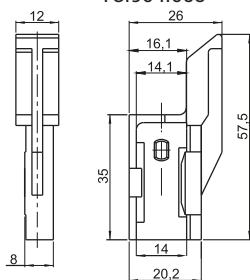
Grip handle
904.053; X=24,4
904.054; X=14,4



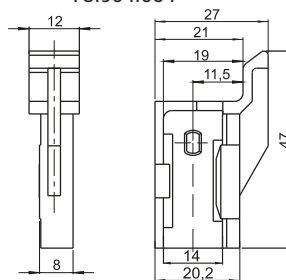
(into shape hole)
PP...



GRIP HANDLE
1C.904.053



GRIP HANDLE
1C.904.054



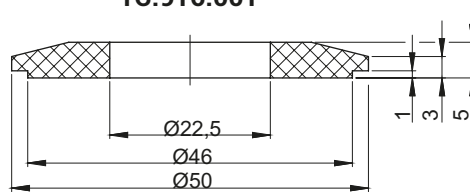
CAT. NUMBER		NAME	DIMENSION		MATERIAL
Steel zinc plated	Steel 1.4301		L		
DP.01 - L	DP.02 - L	Band pressing into circular hole	400	Other dimensions to be agreed	Band pressing - steel zinc plated, stainless steel
DPK.01 - L	DPK.02 - L	Band pressing into square hole	500		
			600		
			700		
			800		
DPP.01 - L	DPP.02 - L	Band pressing into shaped hole	900		
			1000		
			A		
1C.904.053		Grip handle	17,5		PA-6 RAL9005
1C.904.054			22,5		

• **Order example:** A23K-300 means band pressing 3x14mm, dimension A=23, length of L=300mm into square

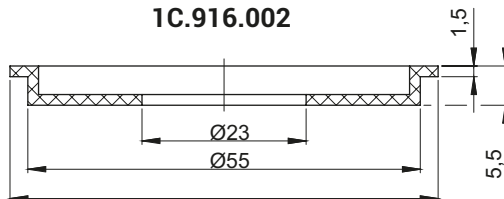
• **Capability** of execution flat according to individual orders



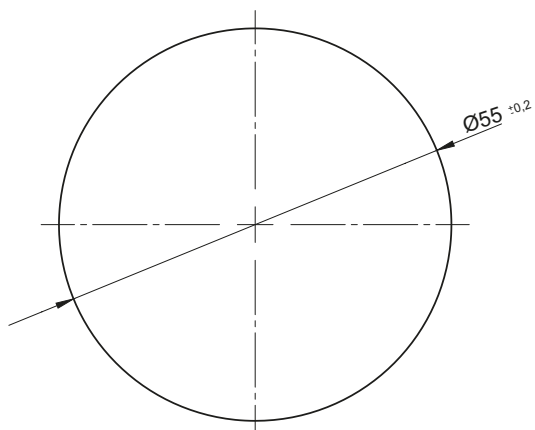
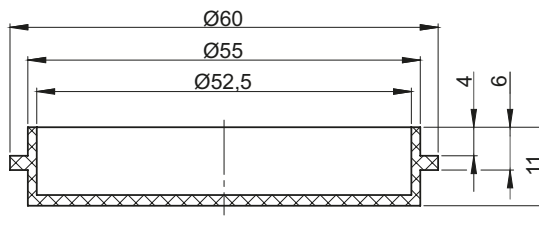
1C.916.001



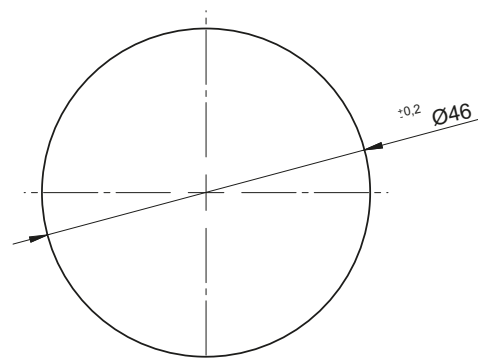
1C.916.002



1C.916.003



Cut out 1C.916.002 i 1C.916.003



Cut out 1C.916.001

CATALOGUE NO.	DETAIL	MATERIAL
1C.916.001	Adapter RS Ø23-Ø46	Polyamide
1C.916.002	Adapter RS Ø23-Ø55	
1C.916.003	Adapter RS Ø55	



1

Locking systems

2

Locks
Latches



3

Hinges

4

Clamps



5

Accessories

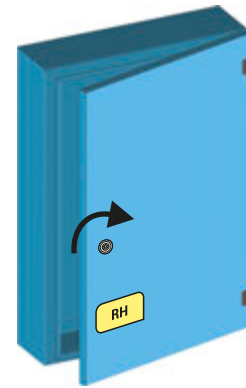


6

Gasketing profiles

7

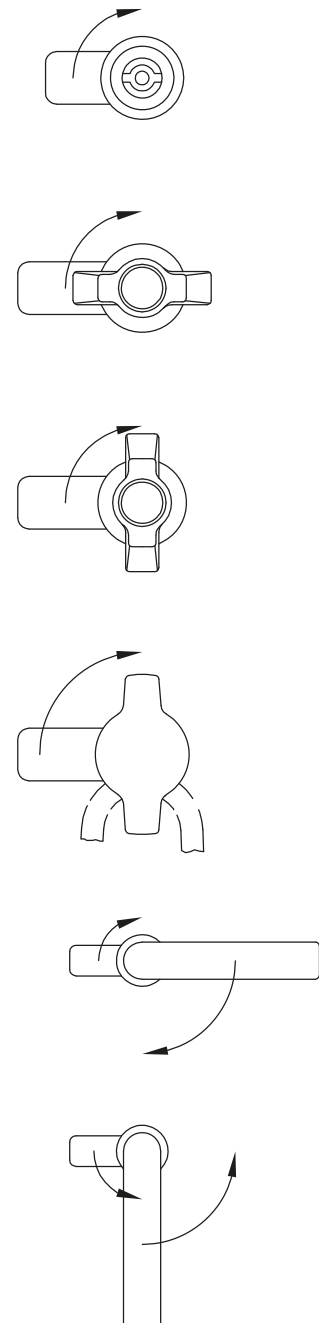
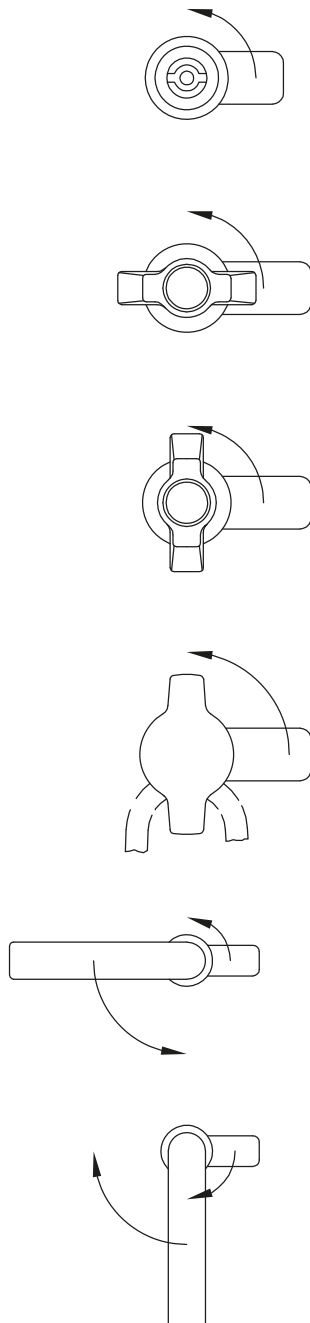
Custom products

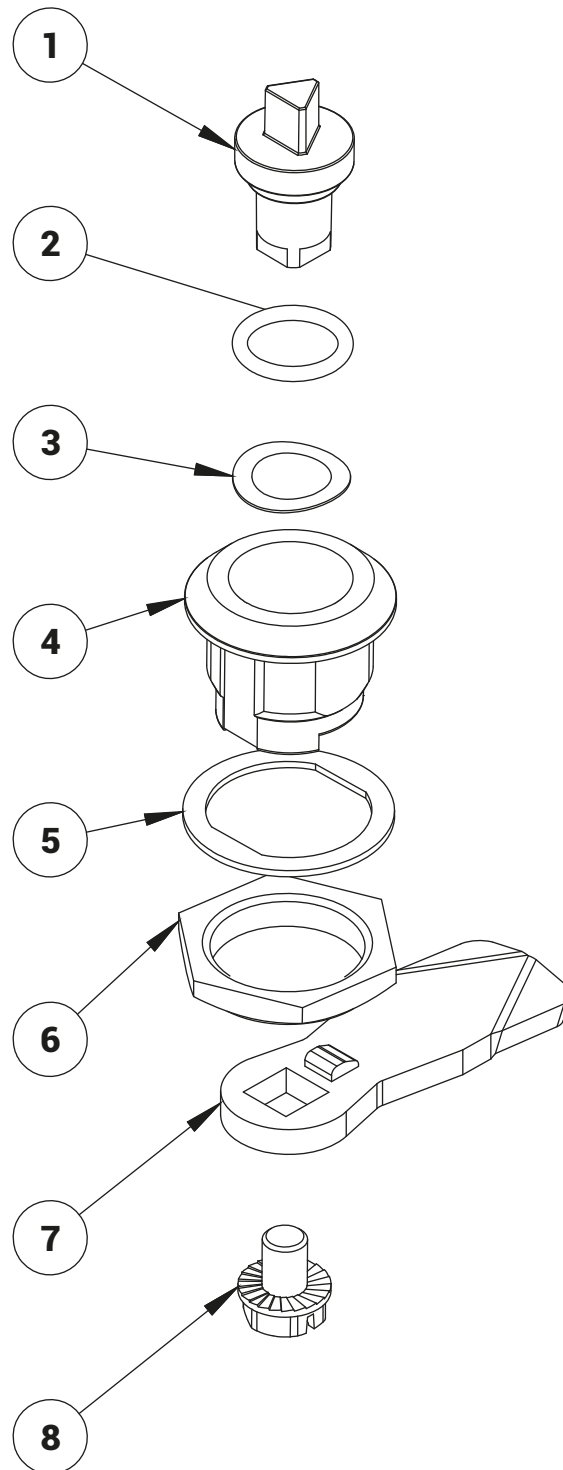


Locks in the closed position
arrow indicates the direction of opening

LOCKS FOR LEFT DOORS

LOCKS FOR RIGHT DOORS

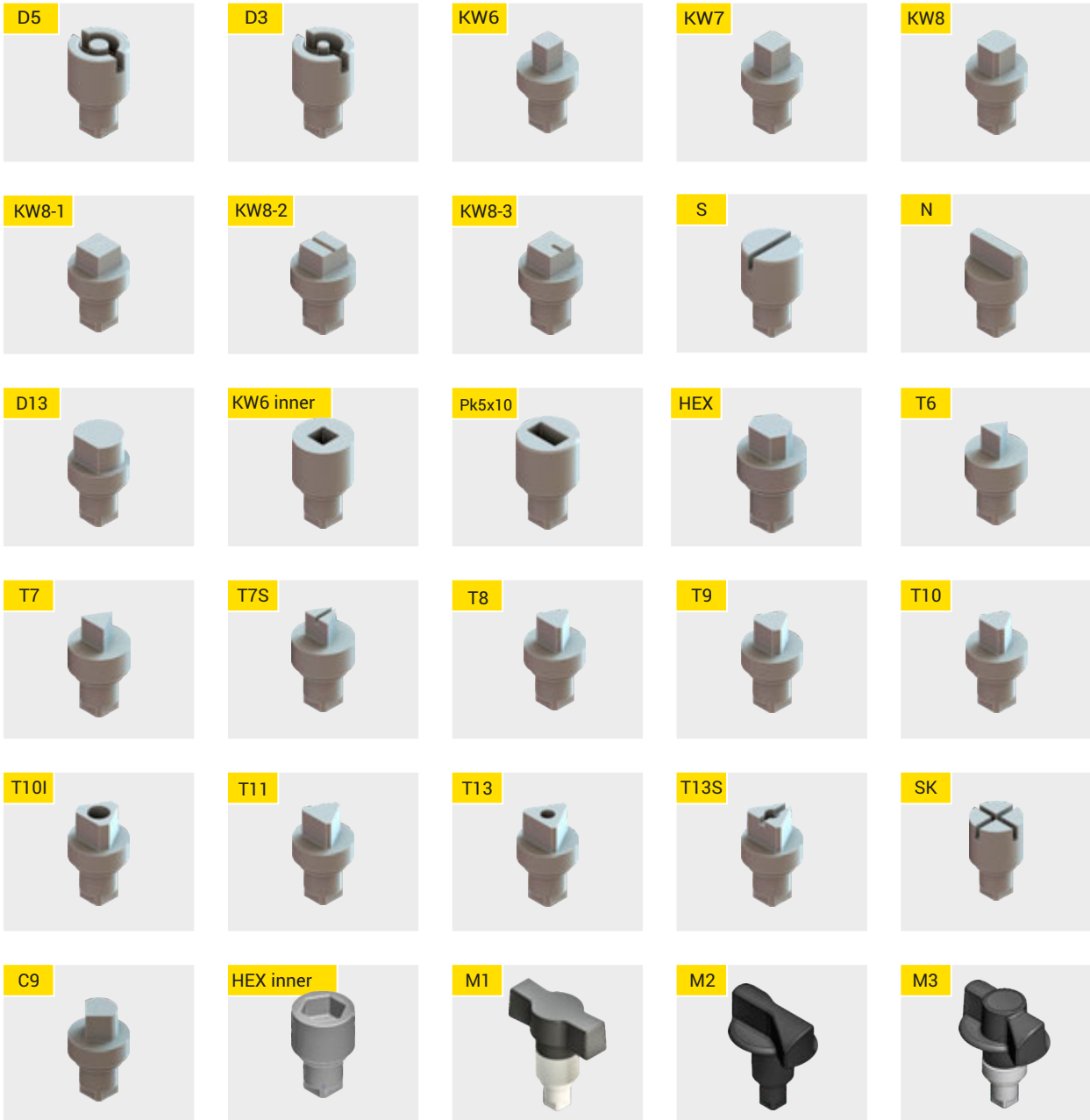





where :

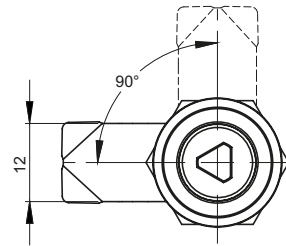
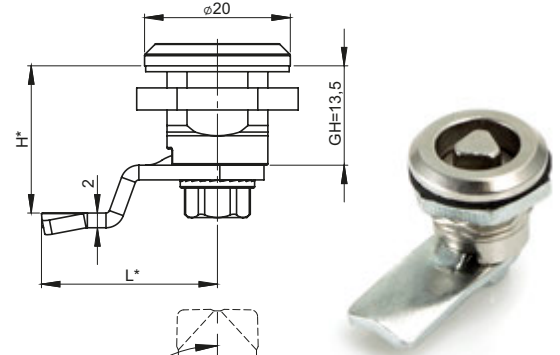
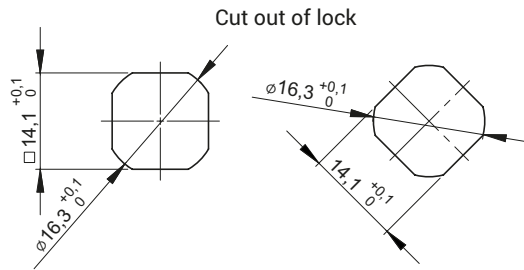
- 1 - Insert
- 2 - O-ring for IP 65
- 3 - Wave washer
- 4 - Housing
- 5 - Flat seal for IP 65 and IP 66
- 6 - Nut M22
- 7 - Cam
- 8 - Screw M6

INSERT



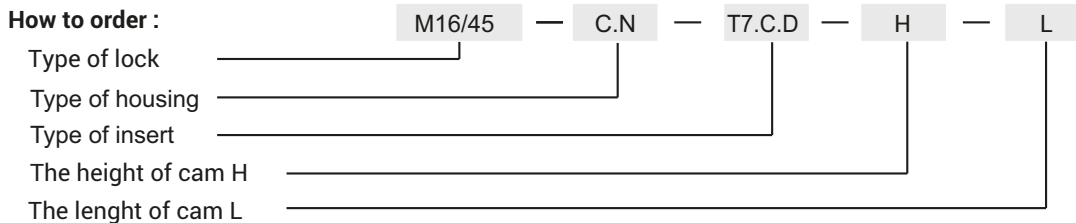
INSERT PATENT WITH CODE KEY:

	1333
	RK - different key code
	1242E
	405E
	455E
	2342E
MS - Master Key	



Material for insert [D]	Inserts available						
	T6	T7	T7S	S	N	KW6	HEX
ZAMAK 5	11	12	13	14	-	16	17
Brass	21	-	-	-	25	-	-

TYPE OF LOCK								
M16					M16/45			
Material type for housing as well as protective coating for housing and insert [C]								
ZAMAK 5							Stainless steel	
Chrome	Nickel	Zinc plated	RAL 9005	RAL 7035	No coating	304	316	
01	02	03	04	05	0	9.1	9.2	
Type of nut [N]							Stainless steel	
Steel							304	316
13							14	15



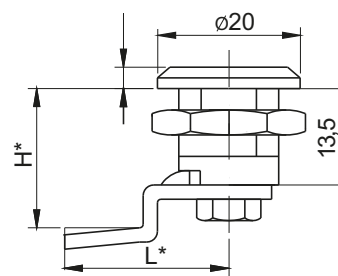
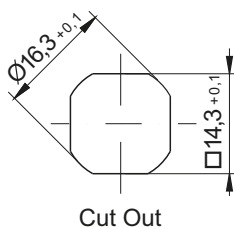
Available height of cam H = 13,5; 20

Available length of cam L = 23; 25

For the housing made of stainless steel, the insert is also made of the same material

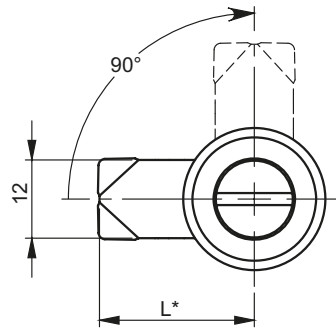
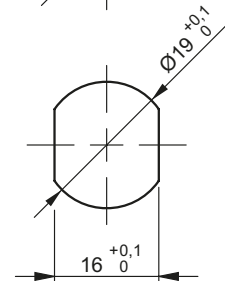
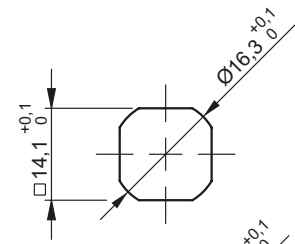
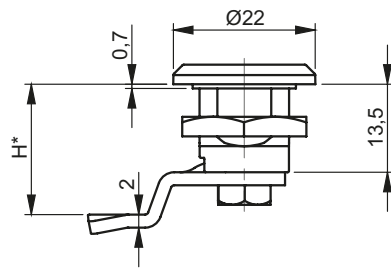
* Possibility to order in a different dimension

meaning: C - marking of material for housing as well as surface finish for housing and insert
H.G - cam bended dimension



INSERTS	FINISH [C]
	RAL 9005
SK	04

NAME	COMPONENTS	MATERIAL
Lock 2.602.001	Housing, insert	ZAMAK5
	Cam	Steel zinc plated



Material for insert [D]	Inserts available						
	T6	T7	T7S	S	N	KW6	HEX
ZAMAK 5	11	12	13	14	-	16	17
Brass	21	-	-	-	25	-	-

TYPE OF LOCK

M16-19

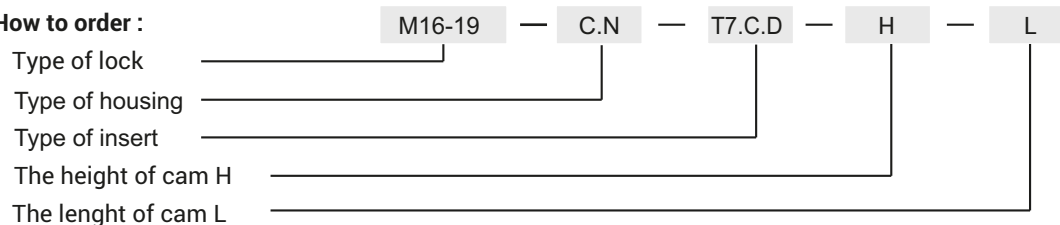
Material type for housing as well as protective coating for housing and insert [C]

ZAMAK 5						Stainless steel	
Chrome	Nickel	Zinc plated	RAL 9005	RAL 7035	No coating	304	316
01	02	03	04	05	0	9.1	9.2

Type of nut [N]

Steel		Stainless steel	
304	316	304	316
13	14	14	15

How to order :



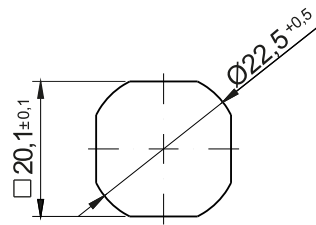
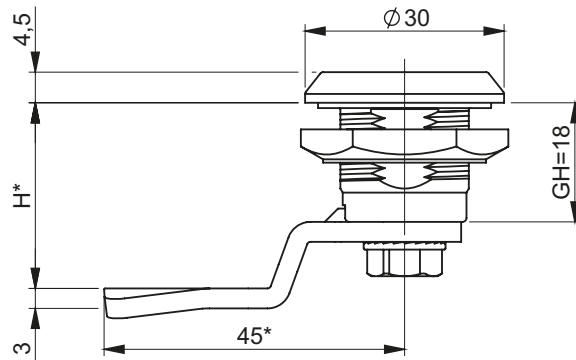
Height dimension of a CAM H for a body 13,5mm-mounting in hole Ø19x16, in case of mounting in hole Ø16x14 the height H decreases about 0,7mm.

Mounting options:

- Ø16x14
- Ø19x16

* different dimensions available

IP 65



Mounting hole

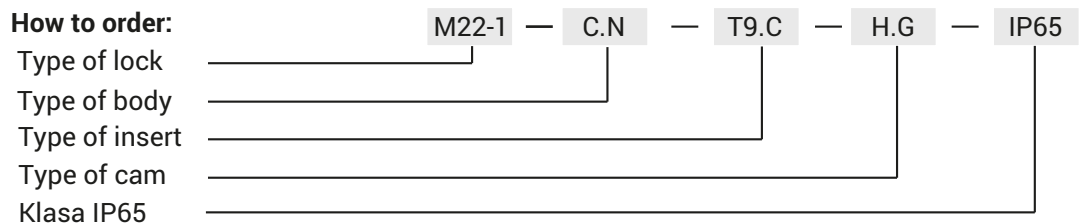
Finishing type of the insert and the body [C]

ZAMAK 5							Polyamide		Stainless steel	
Chrome	Nickel	Galvanized	RAL 9005	RAL 7035	KTL	No coating	RAL 9005	RAL 7035	304	316
01	02	03	04	05	06	0	-	-	9.1	-

The type of the nut [N]

	ZAMAK 5	Polyamide	Steel	Stainless steel	
				304	316
Nut without grounding	11	12	13	14	15
Nut with grounding	21	-	23	24	25

Type of the material of the insert	Inserts available			
ZAMAK 5	●	●	●	●



where C,N, G stand for:

C - type of the material and finishing of the surface

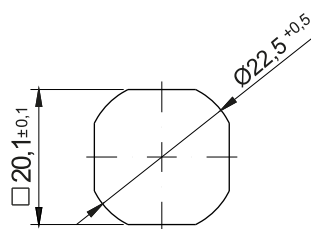
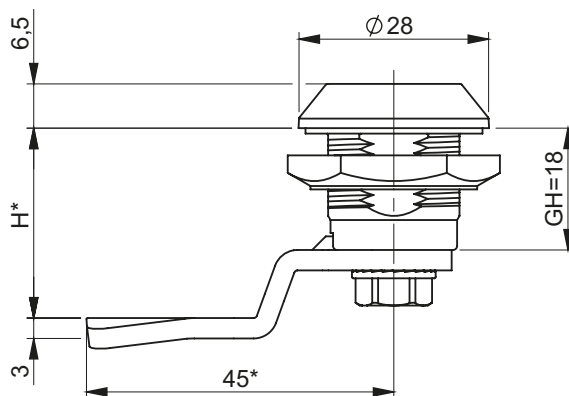
N - type of nut

H.G - the cam unbending dimension to be chosen from pages 1C-7 to 1C-20

Notice:

Lock M22-1 is compatible with all cams from range : 11, 12, 13, 14, 31, 32, 18, 33, 34, 38, JZ-002, JK-1610

IP 65



Mounting hole

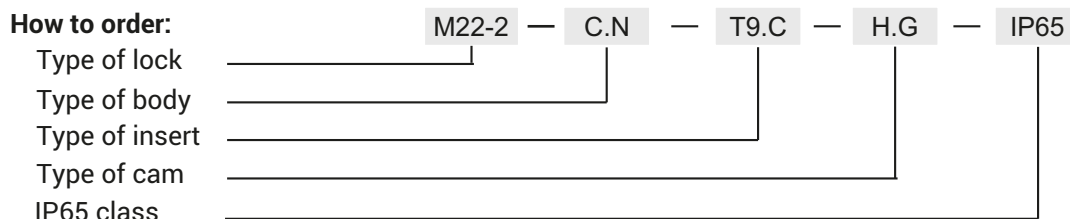
Finishing type of the insert and the body [C]

ZAMAK 5							Polyamide		Stainless steel	
Chrome	Nickel	Galvanized	RAL 9005	RAL 7035	KTL	No coating	RAL 9005	RAL 7035	304	316
01	02	03	04	05	06	0	7	8	9.1	-

The type of the nut [N]

	ZAMAK 5	Polyamide	Steel	Stainless steel	
				304	316
Nut without grounding	11	12	13	14	15
Nut with grounding	21	-	23	24	25

Type of the material of the insert	Inserts available										
	D3	D5	T8	T9	KW 8	S	N	C9	HEX	T13	T13S
ZAMAK 5	●	●	●	●	●	●	●	●	●	●	●



where C,N, G stand for:

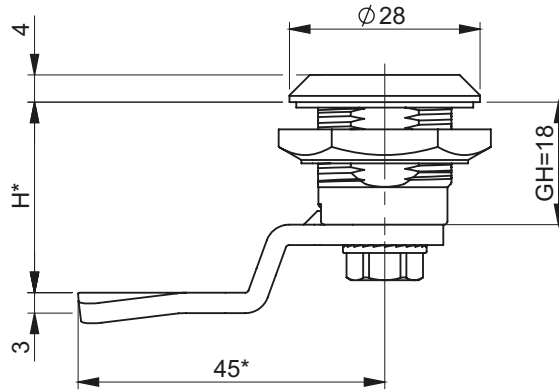
C - type of the material and finishing of the surface

N - type of nut

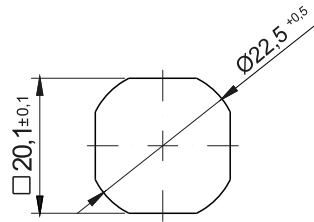
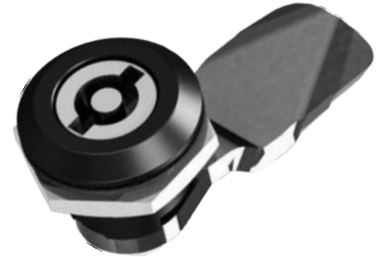
H.G - the cam unbending dimension to be chosen from pages 1C-7 to 1C-20

Notice:

Lock M22-2 is compatible with all cams from range : 11, 12, 13, 14, 18, 31, 32, 33, 34, 38, JZ-002, JK-1610



IP 66



Mounting hole

Finishing type of the insert and the body [C]

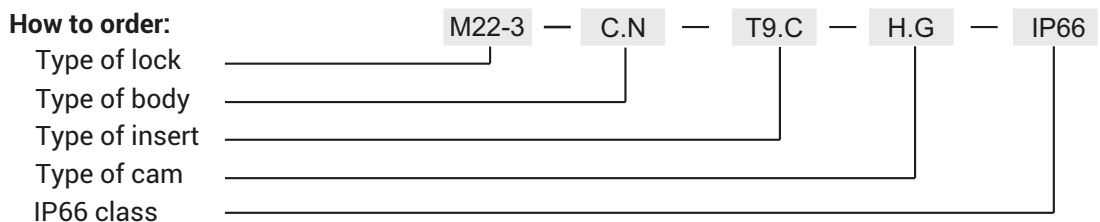
ZAMAK 5							Polyamide		Stainless steel	
Chrome	Nickel	Galvanized	RAL 9005	RAL 7035	KTL	No coating	RAL 9005	RAL 7035	304	316
01	02	03	04	05	06	0	07	08	9.1	9.2

The type of the nut [N]

	ZAMAK 5	Polyamide	Steel	Stainless steel	
				304	316
Nut without grounding	11	12	13	14	15
Nut with grounding	21	-	23	24	25

Type of the material of the insert	Inserts available										
	D3	D5	T8	T9	KW 8	S	HEX8	HEX10	M1	M2	M3
ZAMAK 5	●	●	●	-	●	●	●	●			
Polyamide	●	●	-	●	●	●	-	-	*	*	*
Stainless steel	304	●	●	●	●	●	-	-			
	316	●	●	●	●	●	-	-			

* Precise description of inserts M1, M2, M3, check pg. 2-60



where C,N, G stand for:

C - type of the material and finishing of the surface

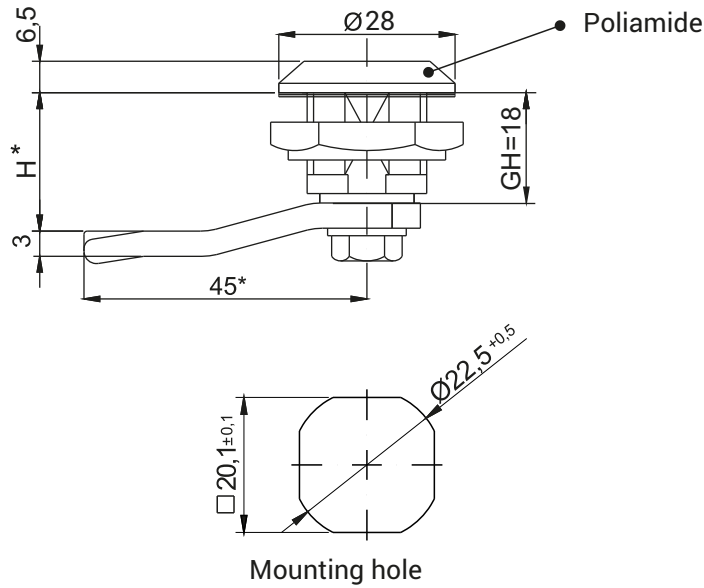
N - type of nut

H.G - the cam unbending dimension to be chosen from pages 1C-7 to 1C-20

Notice:

Lock M22-3 is compatible with all cams from range : 11, 12, 13, 14, 18, 31, 32, 33, 34, 38, JZ-002, JK-1610

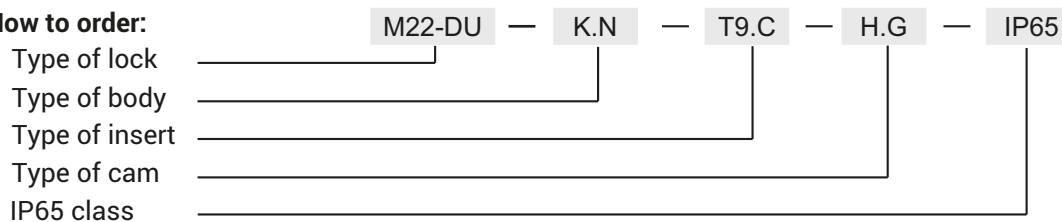
IP 65



Type of material and protective coating [C]											
Insert							Housing color[K]				
ZAMAK 5							Polyamide		Polyamide		
Chrome	Nickel	Galvanized	RAL 9005	RAL 7035	CTL	No coating	RAL 9005	RAL 7035	RAL 9005	RAL 7035	
1	2	3	4	5	6	0	7	8	7	8	
The type of the nut [N]											
			ZAMAK 5		Polyamide		Steel		Stainless steel		
									304		316
Nut without grounding			11		12		13		14		15
Nut with grounding			21		-		23		24		25

Type of the material of the insert	Inserts available											
D3	D5	T8	T9	KW 8	S	N	C9	HEX	T13	T13S		
ZAMAK 5	●	●	●	●	●	●	●	●	●	●	●	
Polyamide	●	●	-	-	-	●	-	-	-	-	-	

How to order:



where C,N, G stand for:

C - type of the material and finishing of the surface

N - type of nut

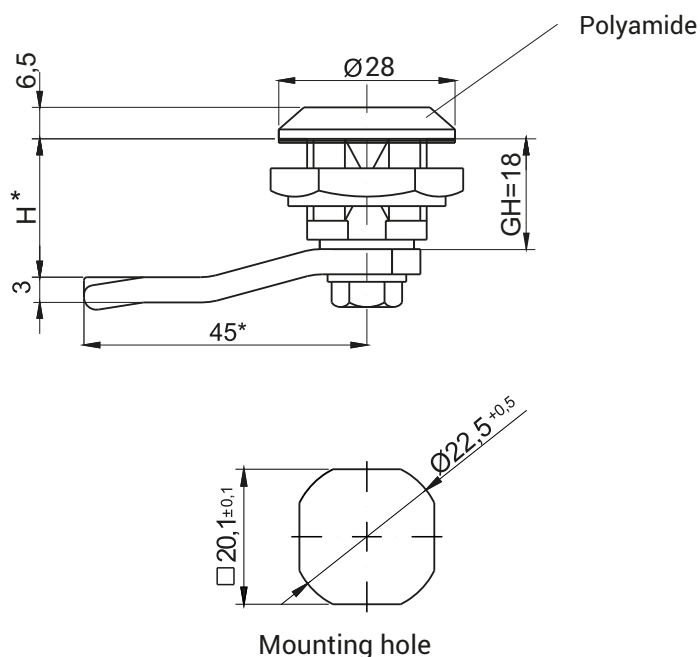
H.G - the cam unbending dimension to be chosen from pages 1C-7 to 1C-20

Notice:

Lock M22-DU is compatible with all cams from range : 11, 12, 13, 14, 18, 31, 32, 33, 34, 38, JZ-002, JK-1610

Possibility of purchasing the lock with the grounding element.

The body of the is available only in configuration of polyamide.



Type of material and protective coating [C]

Insert							Housing color [K]				
ZAMAK 5							Polyamide		Polyamide		
Chrome	Nickel	Galvanized	RAL 9005	RAL 7035	KTL	No coating	RAL 9005	RAL 7035	RAL 9005	RAL 7035	
01	02	03	04	05	06	0	07	08	07	08	

The type of the nut [N]

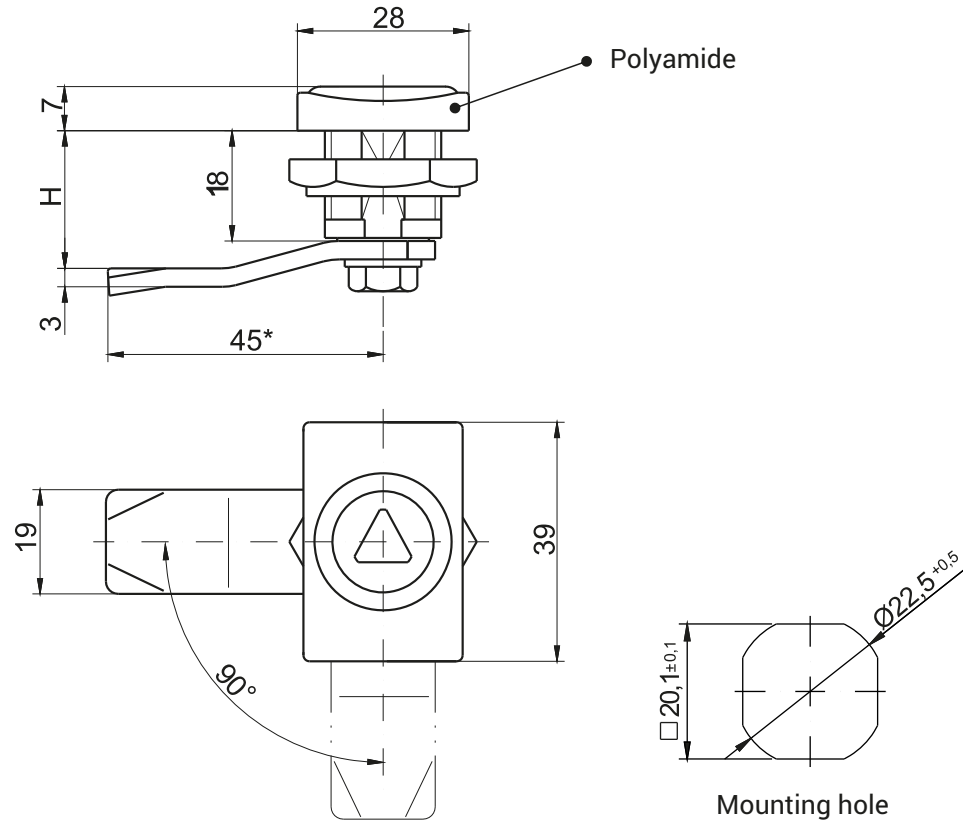
	ZAMAK 5	Polyamide	Steel	Stainless steel	
				304	316
Nut without grounding	11	12	13	14	15
Nut with grounding	21	-	23	24	25

Type of the material of the insert	Inserts available						
	D3	D5	T8	T9	KW 8	S	GZ
ZAMAK 5	-	●	-	●	●	●	-
Polyamide	●	●	-	-	-	-	●



where C,N, G stand for:
 C - type of the material and finishing of the surface
 N - type of nut
 H.G - the cam unbending dimension to be chosen from pages 1C-7 to 1C-20

Notice:
 Lock M22D is compatible with all cams from range: 15, 16, 17, 19, 21, 35, 36, JK, JP
 Possibility of purchasing the lock with the grounding element.
 The body of the is available only in configuration of polyamide.



Type of material and protective coating [C]

Insert							Housing color [K]				
ZAMAK 5							Polyamide		Polyamide		
Chrome	Nickel	Galvanized	RAL 9005	RAL 7035	KTL	No coating	RAL 9005	RAL 7035	RAL 9005	RAL 9005	
01	02	03	04	05	06	00	07	08	07	08	

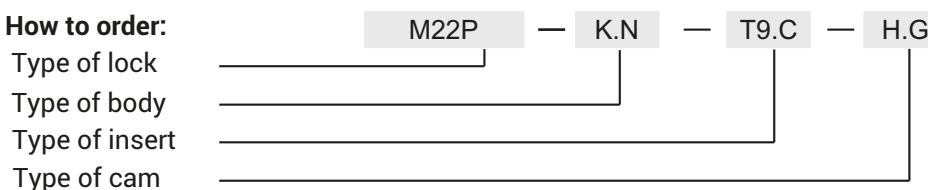
The type of the nut [N]

	ZAMAK 5	Polyamide	Steel	Stainless steel	
				304	316
Nut without grounding	11	12	13	14	15
Nut with grounding	21	-	23	24	25

The body of the is available only in configuration of polyamide.

Type of the material of the insert	Inserts available											
ZAMAK 5	●	●	-	●	●	●	●	●	●	●	●	●
Polyamide	●	●	-	-	-	-	-	-	-	-	-	-

How to order:



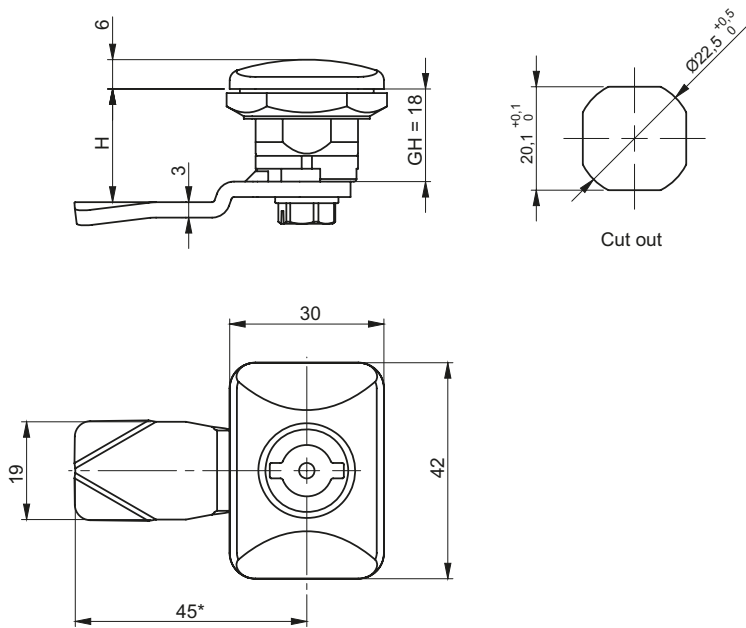
where: C - type of the material and finishing of the surface

N - type of nut

H.G - the cam unbending dimension to be chosen from pages 1C-7 to 1C-20

Notice:

Lock M22P is compatible with all cams from range: 15, 16, 17, 19, 21, 35, 36,

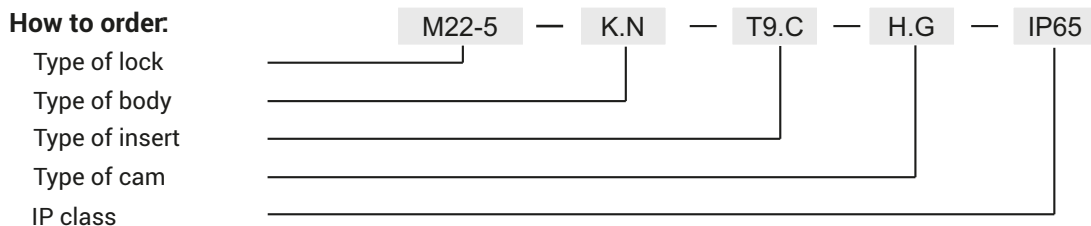


IP 66



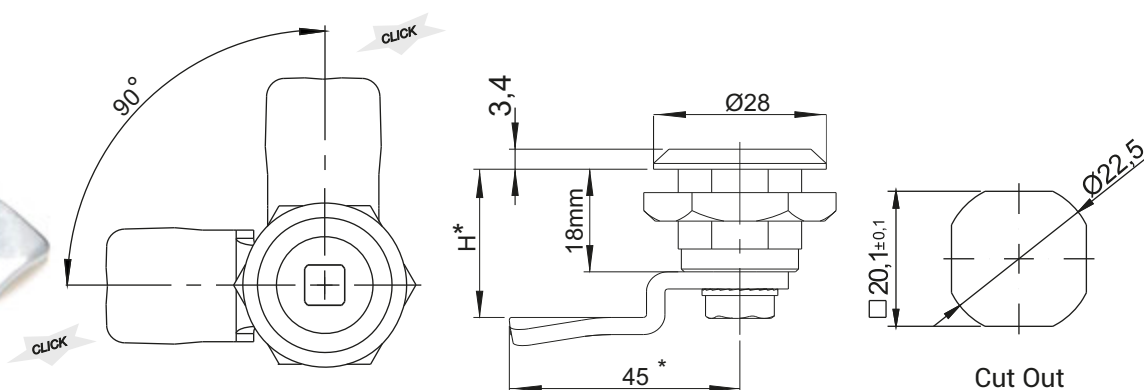
Type of material and protective coating of the insert [C]											Housing color [K]	
ZAMAK 5						Polyamide		Stainless steel		Polyamide		
Chrom	Nikiel	Ocynk	RAL 9005	RAL 7035	KTl	No coating	RAL 9005	RAL 7035	304	316	RAL 9005	RAL 7035
01	02	03	04	05	06	00	07	08	9.1	9.2	07	08
The type of the nut [N]												
			ZAMAK 5		Polyamide		Steel		Stainless steel			
									304		316	
Nut without grounding			11		12		13		14		15	
Nut with grounding			21		-		23		24		25	

Type of the material of the insert	Inserts available							
	D3	D5	T8	T9	KW 8	S	HEX 8 inner	HEX 10 inner
ZAMAK 5	●	●	●	-	●	●	●	●
Polyamide	●	●	-	●	●	●	-	-
Stainless steel	304	●	●	●	●	●	-	-
	316	●	●	●	●	●	-	-



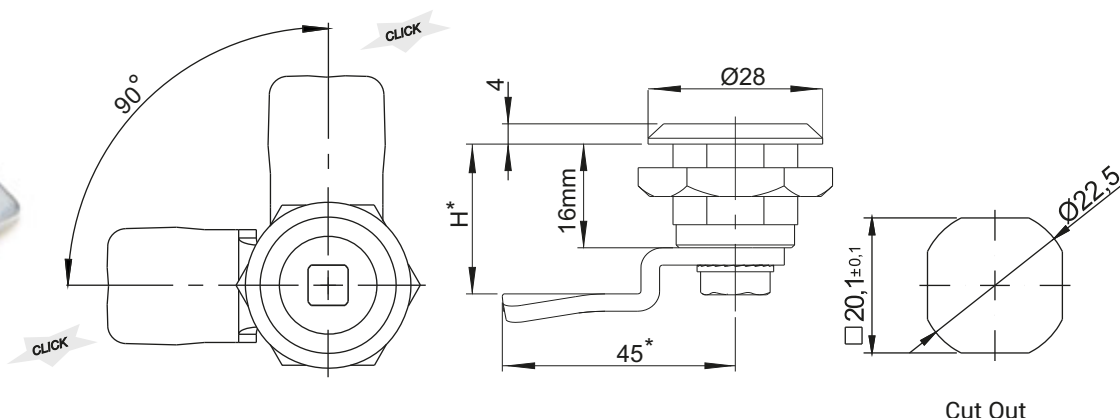
where: C, D - type of the material and finishing of the surface
 N - type of nut
 H.G - the cam unbending dimension (H-locking height, G-group)
 to be chosen from pages 1C-7 to 1C-20

Notice:
 Lock M22-5 is compatible with all cams from range: 11, 12, 13, 14, 18, 31, 32, 33, 34, 38, JZ-002, JK-1610



Comments:
Opening and closing the lock is signaled the sound effect

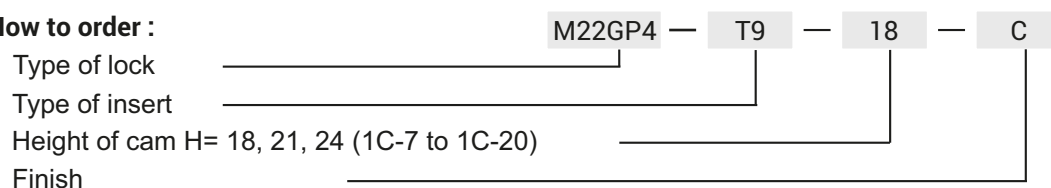
Insert			Finish [C]			
			Chrome	Nickel	RAL 9005	RAL 7035
T9	KW8	KW8 inner	01	02	04	05
NAME	COMPONENTS		MATERIAL			
Lock M22GP4	Housing		Polyamide			
	Insert		ZAMAK5			
	Cam		Steel zinc plated			



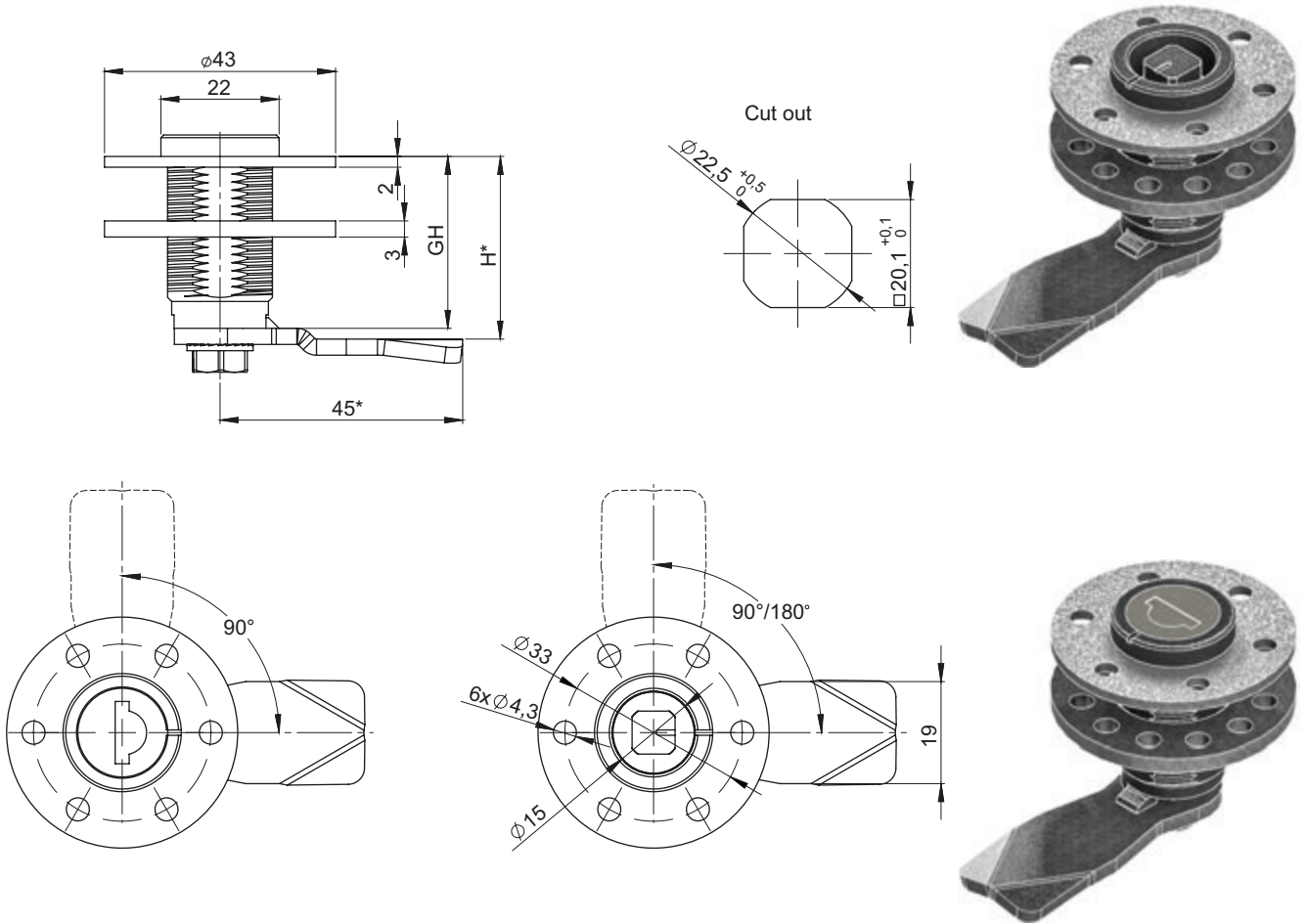
Insert		Finish			
		Chrome	Nickel	RAL 9005	RAL 7035
T9	KW 8	01	02	04	05
NAME	COMPONENTS		MATERIAL		
Lock M22GP5	Housing, insert		ZAMAK5		
	Cam		Steel zinc plated		

Comments:
Opening and closing the lock is signaled the sound effect

How to order :



* possibility to make in another dimension
If you order a custom cam, please contact your dealer for further details.



Key code						
1333	405E	455E	1242E	2342E	RK	
Inserts				Finish [C]		
				Chrome	Nickel	RAL 9005
T9	T10	KW 8	S	01	02	04
TYPE OF LOCK	GH	COMPONENTS		MATERIAL		
M22K	32	Housing, Insert		ZAMAK5		
		Cam		Zinc plated steel		
M22KSN		Housing, Insert, Cam		Stainless steel		
M22K15	15	Housing, Insert, Cam		Zinc plated steel		
		Housing, Insert, Cam		Stainless steel		

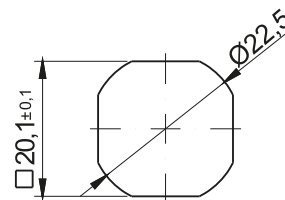
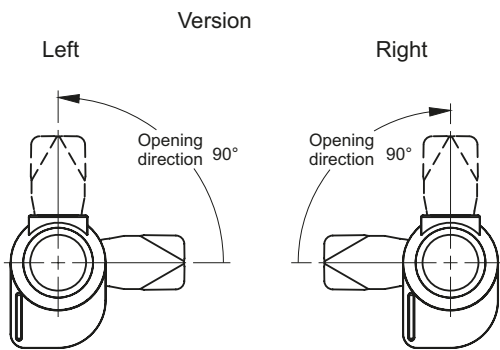
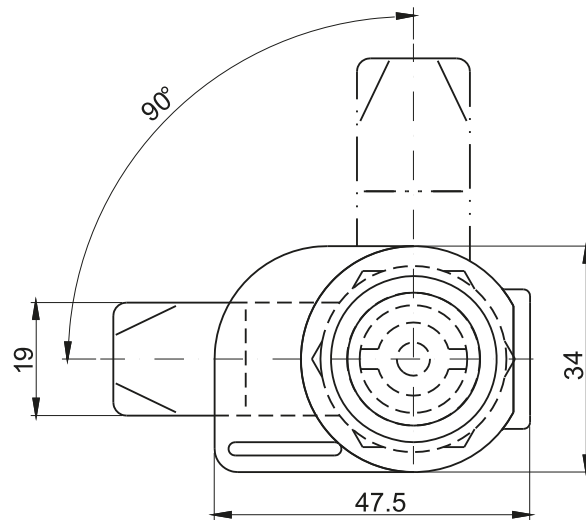
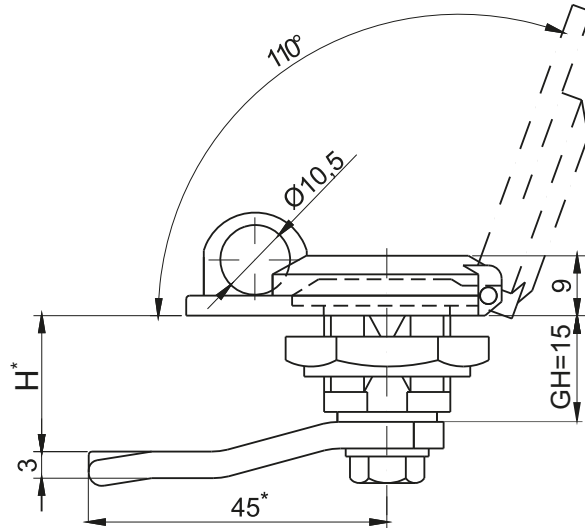


Lock at the height of GH=15mm is available only in a version with shaped insert

The lock is fitted with cams from the group: 12, 14, 21, 32, 34

(pg. 1C-8, 1C-9, 1C-13, 1C-15, 1C-16).

* Possibility to order in a different dimension



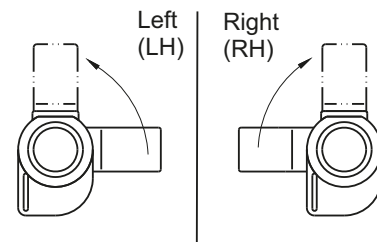
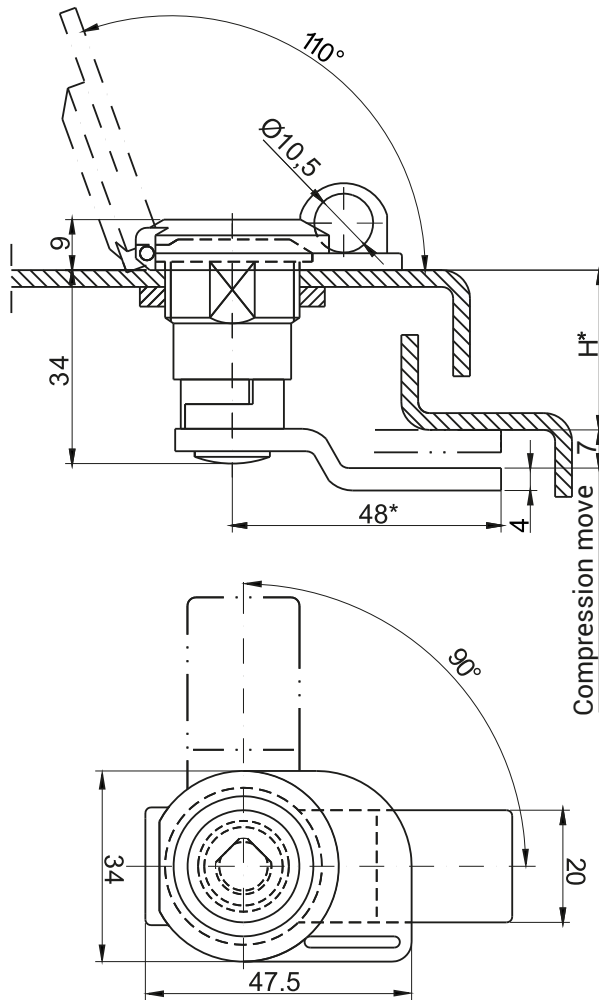
Cut out

Insert							Finish [C]			
							Chrome	Nickel	RAL 9005	RAL 7035
D3	D5	T9	T10	KW 8	S	N	01	02	04	05
NAME		COMPONENTS			MATERIAL					
Lock M22B		Housing, insert			ZAMAK5					
		Cam			Steel zinc plated					
		Blocade			Stainless steel					

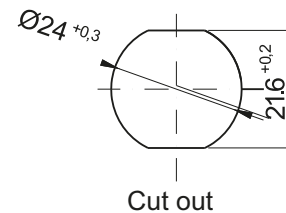
How to order :



* possibility to make in another dimension



Pic.1 Lock in the closed position.
The arrow means the direction opening the lock



Lock on the drawing in the left door version
The possibility adapting the lock to the door right (Pic.1).

Insert										Finish [C]		
										Nickel	RAL 9005	RAL 7035
T6	T8	T9	L	KW 8	S	N	C9	D3	D5	02	04	05
NAME	COMPONENTS		MATERIAL									
Lock M24B	Housing		ZAMAK5									
	Cam, insert		Steel zinc plated									
	Blocade		Stainless steel									

How to order :

M24B — T9 — 20 — C — L

Type of lock _____

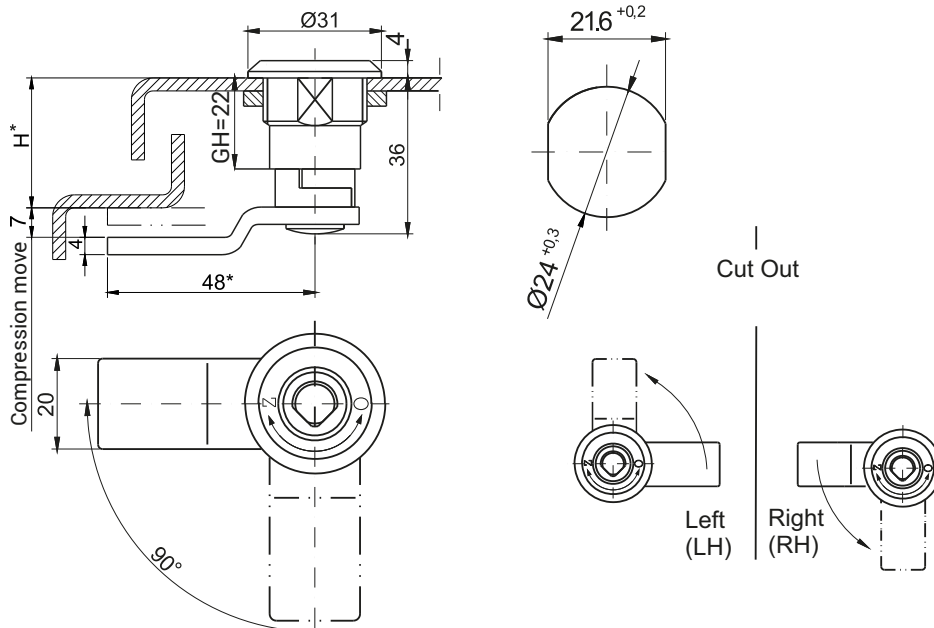
Type of insert _____

Height of cam H =20, 23, 26 _____

Finish _____

Type of lock (RH - Right, LH-Left) _____

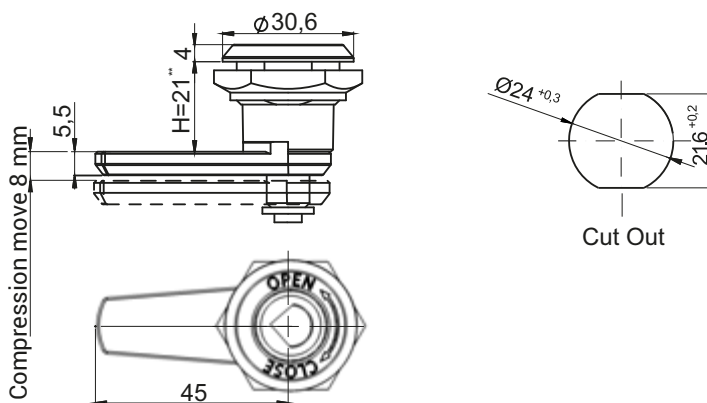
* possibility to make in another dimension



Lock on the drawing in the left door version
The possibility adapting the lock to the door right (Pic.1).

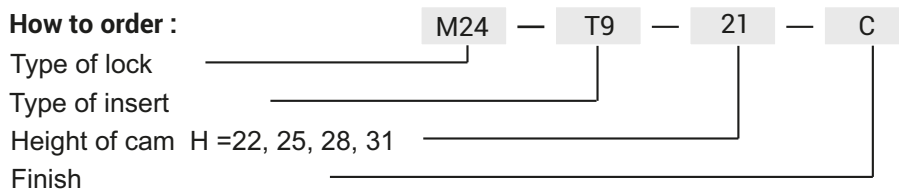
Pic.1 Lock in the closed position.
The arrow means the direction opening the lock

Insert										Finish [C]		
										Nickel	RAL 9005	RAL 7035
T6	T8	T9	L	KW 8	S	N	C9	D3	D5	02	04	05
NAME		COMPONENTS			MATERIAL							
Lock M24		Housing			ZAMAK5							
		Cam, insert			Steel zinc plated							
		Blocade			Stainless steel							

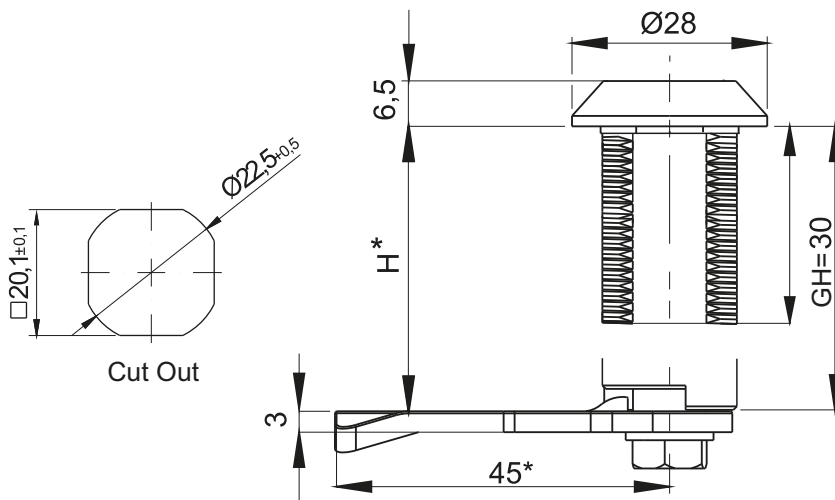


Insert											Finish [C]		
											Nickel	RAL 9005	RAL 7035
T6	T8	T9	T10	L	KW 8	S	N	C9	D3	D5	02	04	05
NAME		COMPONENTS			MATERIAL								
Lock M24ZN		Housing, cam			ZAMAK5								
		Insert			Steel zinc plated								

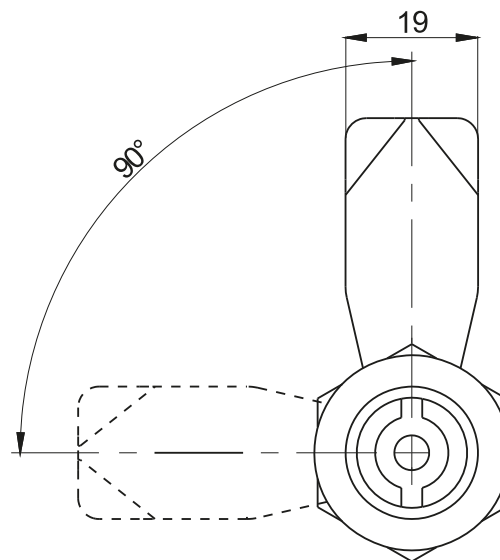
How to order :



* possibility to make in another dimension
** lock M24ZN available only with cam dimension H=21 mm



M22-30.02

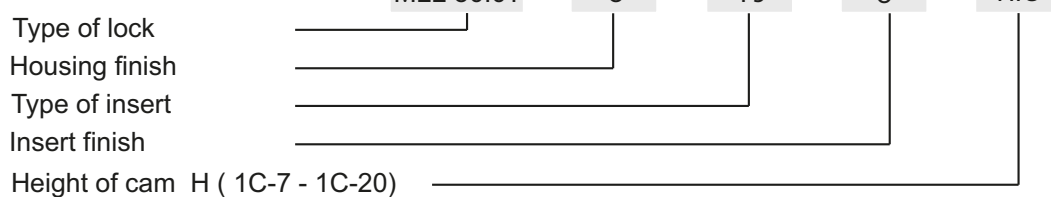


M22-30.01

Additional protection lock is a "blocade ST1 or ST2 lock" see page 2A-94, 95

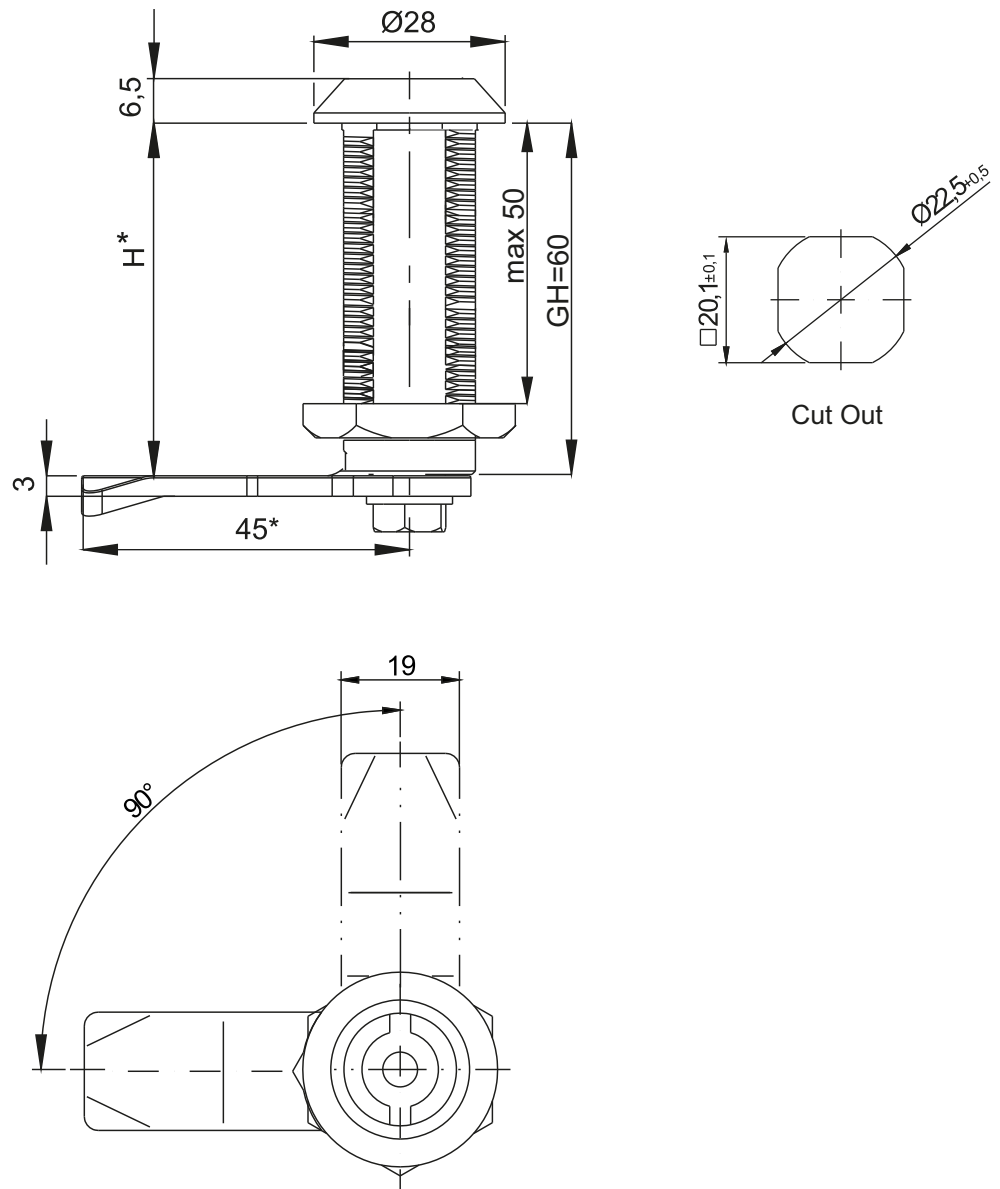
Insert							Finish [C]			
							Chrome	Nickel	RAL 9005	RAL 7035
D3	D5	T9	KW 8	S	N	C9	01	02	04	05
NAME		COMPONENTS				MATERIAL				
Lock M22-30.01		Housing, insert				ZAMAK5				
Lock M22-30.02		Cam				Steel zinc plated				

How to order :



* possibility to make in another dimension

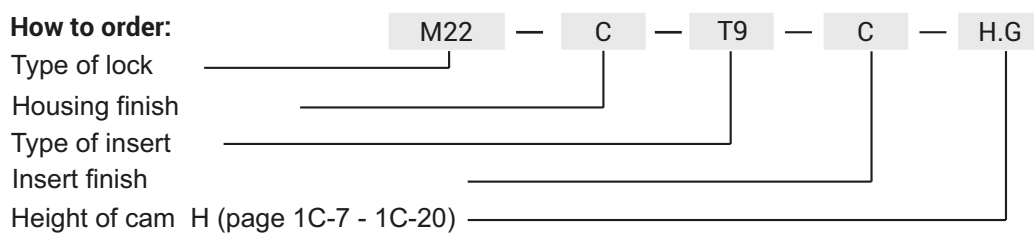
The lock is fitted with cams from the group: 11, 12, 13, 14, 18, 31, 32, 33, 34, 38, JK-1610



Additional protection lock is a "blocade ST1 or ST2 lock" see page 2A-94, 95

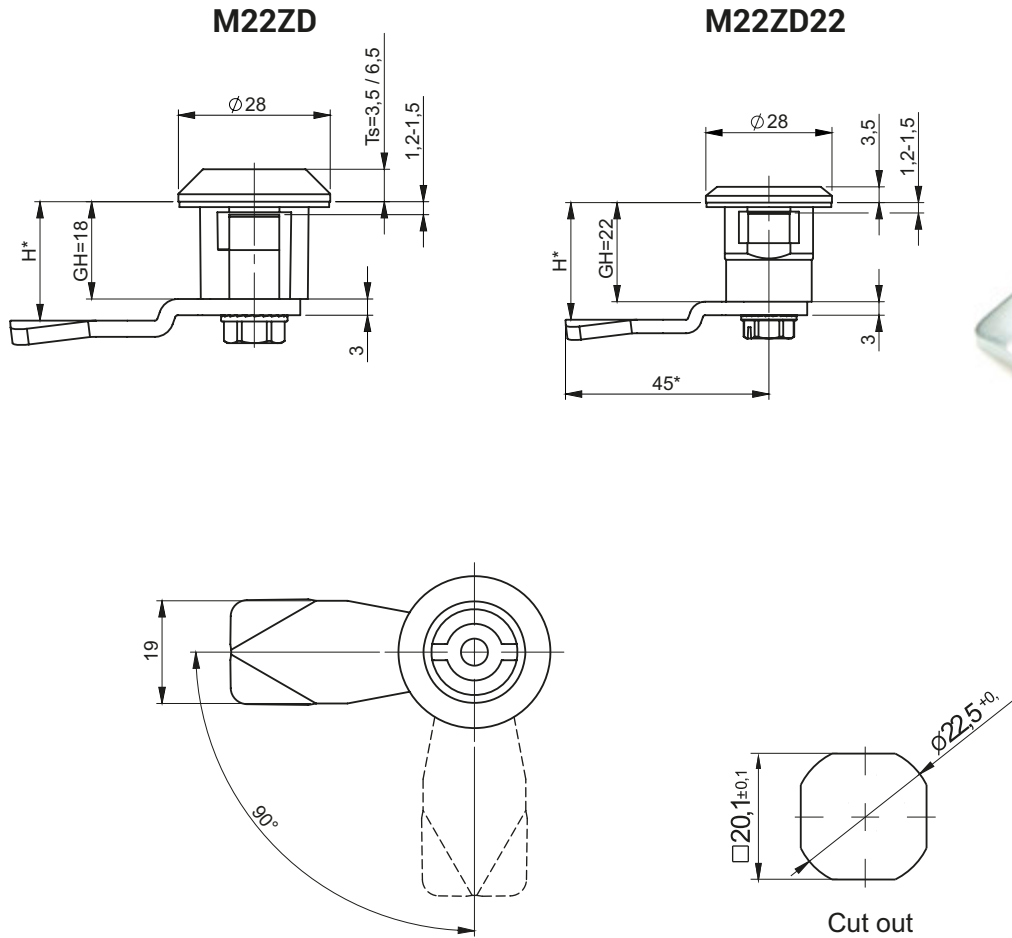
Insert							Finish [C]			
							Chrome	Nickel	RAL 9005	RAL 7035
D3	D5	T9	KW 8	S	N	C9	01	02	04	05
TYPE OF LOCK			COMPONENTS				MATERIAL			
M22-60			Housing, insert				ZAMAK5			
			Cam				Steel zinc plated			

How to order:



* possibility to make in another dimension

The lock is fitted with cams from the group: 11, 12, 13, 14, 18, 31, 32, 33, 34, 38, JZ-002, JK-1610 (page 1C-7 - 1C-20)



Lock with flange 3.5 version only with pins made of polyamide tip: S, D3, D5.
Locks available from the plastic cam

Insert							Insert finish [C]				Housing finish [K]	
							Chrome	Nickel	RAL 9005	RAL 7035	RAL 9005	RAL 7035
D3	D5	T9	KW 8	S	N	C9	01	02	04	05	07	08
NAME							COMPONENTS				MATERIAL	
M22ZD M22ZD22							Housing				Poliamide	
							Insert				ZAMAK5	
							Cam				Steel zinc plated	

How to order :

M22ZD 7,5 — T9 — H.G — 90 — C — K

Type of lock+Ts _____

Type of insert _____

Height of cam H (page 1C-7 - 1C-20) _____

The opening angle of (90°, 180°) _____

Insert finish _____

Housing finish _____

* possibility to make in another dimension
H.G - the cam unbending dimension (H-locking height, G-group)
to be chosen from pages 1C-7 to 1C-20

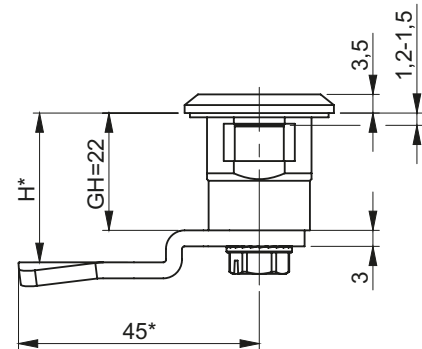
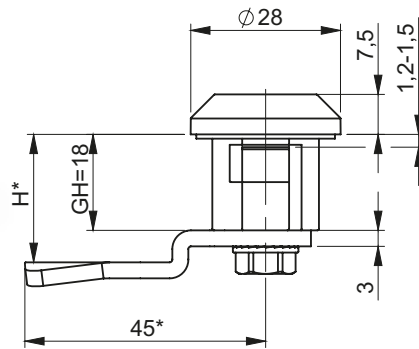
The lock is fitted with cams from the group: 11, 12, 13, 14, 18, 31, 32, 33, 34, 38, JZ-002, JK-1610.01

M22ZW

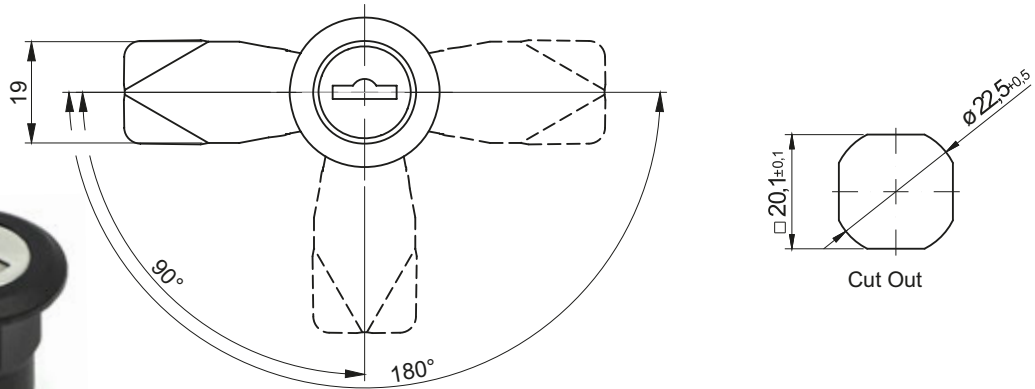
M22ZW22



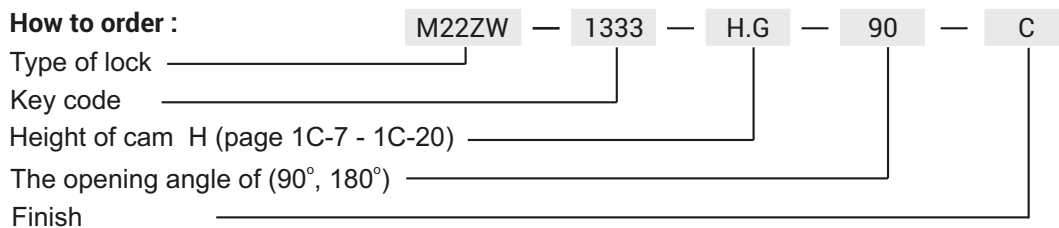
M22ZW



M22ZW22

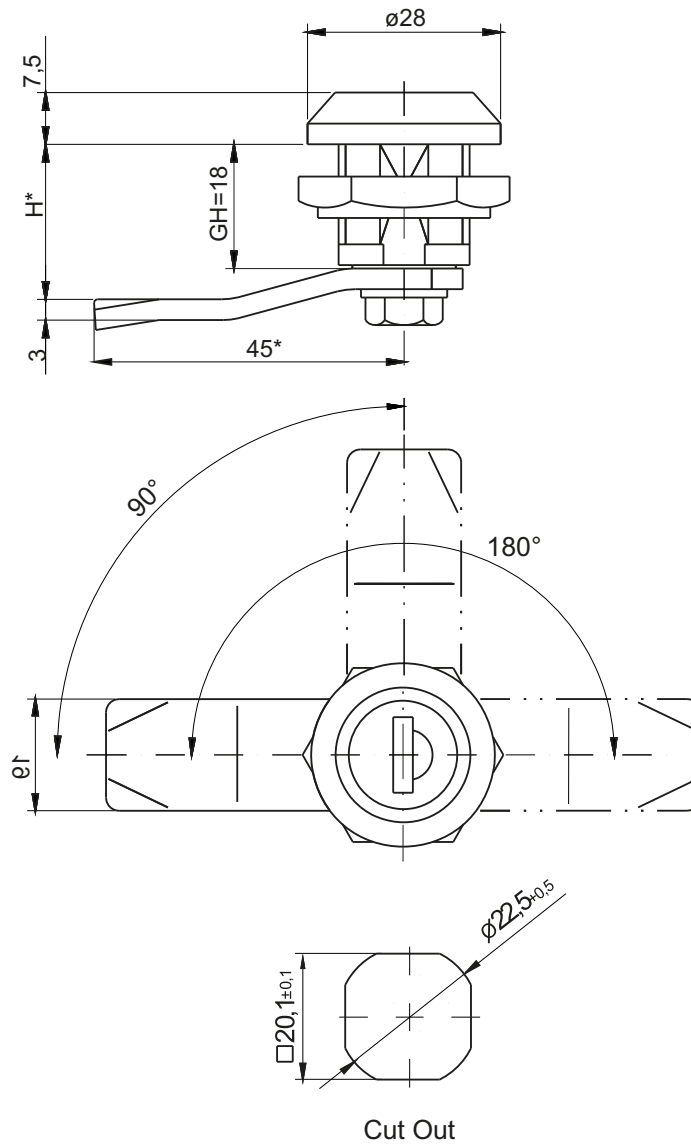


Key code						Finish [C]	
1333	405E	455E	1242E	2432E	RK	RAL 9005	RAL 7035
						07	08
TYPE OF LOCK			COMPONENTS			MATERIAL	
M22ZW			Housing			Poyamide	
M22ZW22			Cam			Steel zinc plated	

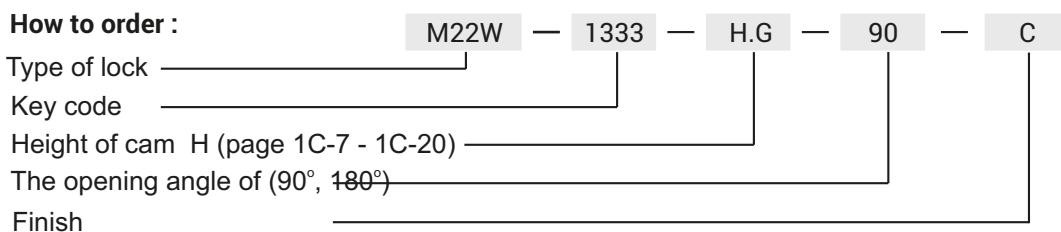


* possibility to make in another dimension
 H.G - the cam unbending dimension (H-locking height, G-group)

The lock is fitted with cams from the group: 15, 16, 17, 19, 21, JZ-001, JK-10018
 (page 1C-7 - 1C-20)



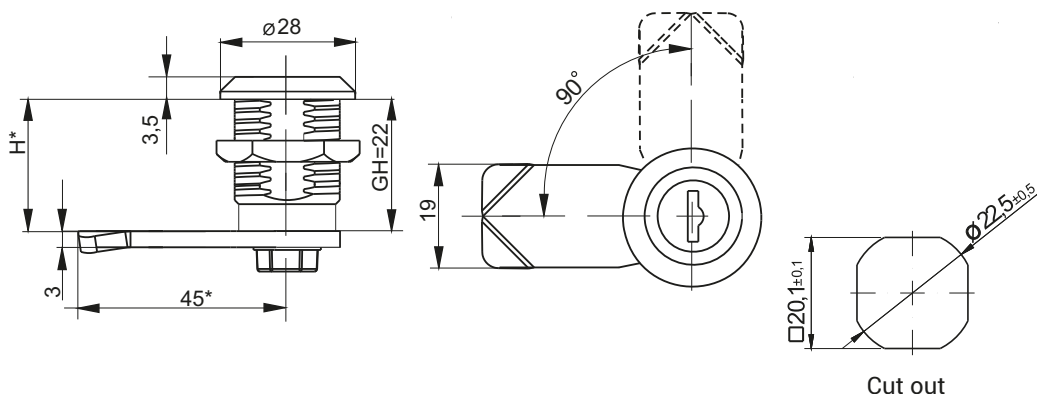
Key code						Finish [C]				
1333	405E	455E	1242E	2432E	RK	Chrome 01	Nickel 02	Zn ** 03	RAL9005 04	RAL7035 05
NAZWA		COMPONENTS				MATERIAL				
Lock M22W		Housing				ZAMAK5				
		Cam				Steel zinc plated				



* possibility to make in another dimension

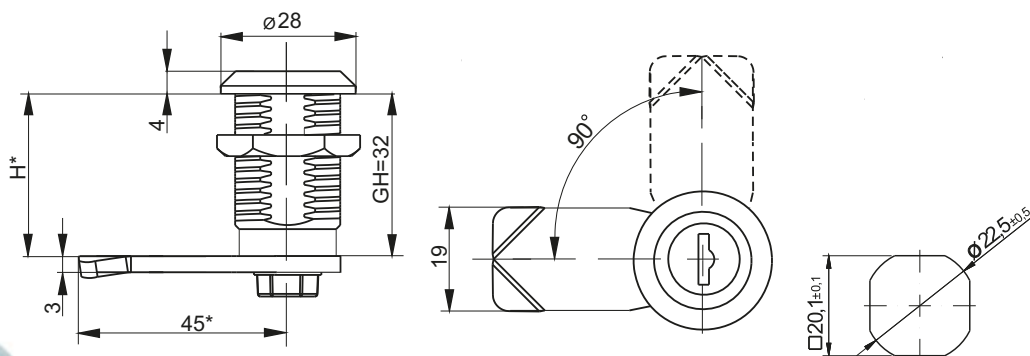
** galvanized

The lock is fitted with cams from the group: 15, 16, 17, 19, 21, 35, 36, JZ-001, JK-10018 (page 1C-7 - 1C-20)



Cut out

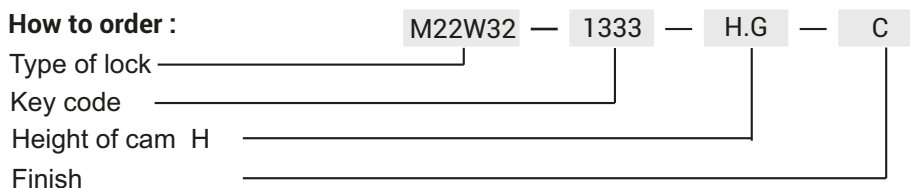
Key code						Finish [C]	
1333	405E	455E	1242E	2432E	RK	RAL 9005	RAL 7035
						07	08
TYPE OF LOCK		COMPONENTS		MATERIAL			
M22DW22		Housing		Polyamide			
		Cam		Steel zinc plated			



Cut out

Key code						Finish [C]			
1333	405E	455E	1242E	2432E	RK	Chrome	Nickel	RAL 9005	RAL 7035
						01	02	04	05
TYPE OF LOCK		COMPONENTS		MATERIAL					
M22W32		Housing		ZAMAK5					
		Cam		Steel zinc plated					

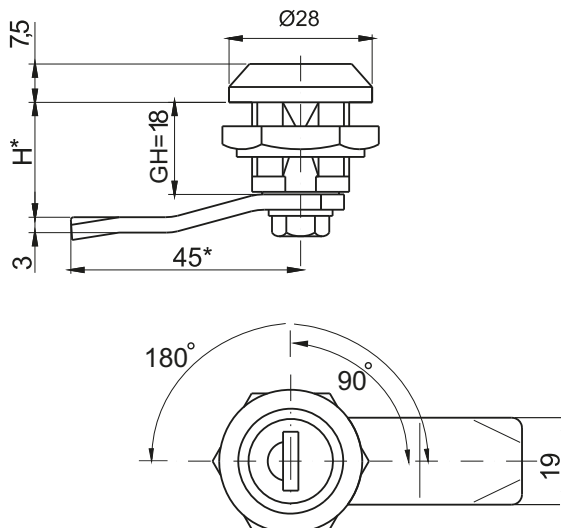
How to order :



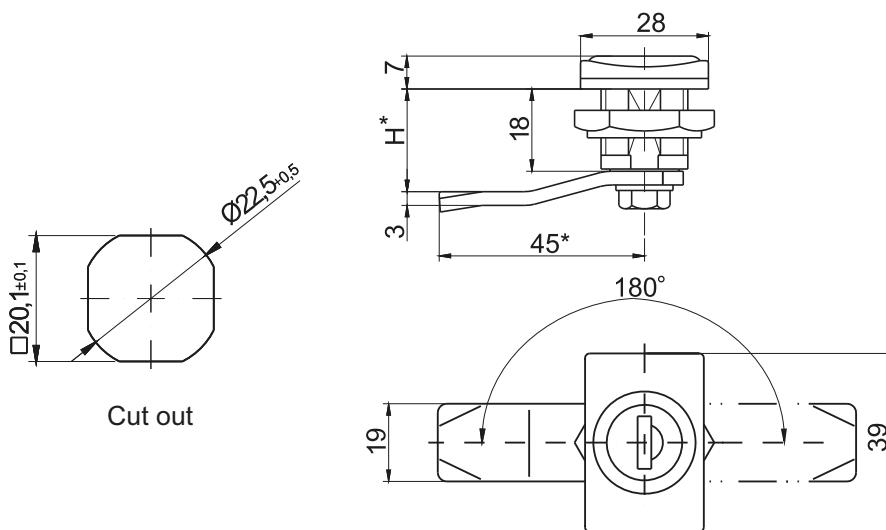
* possibility to make in another dimension

H.G - the cam unbending dimension (H-locking height, G-group)

The lock is fitted with cams from the group: 15, 16, 17, 19, 21, 35, 36, JZ-001, JK-10018 (page 1C-7 - 1C-20)



Key code						Finish [C]			
1333	405E	455E	1242E	2432E	RK	RAL 9005	07	RAL 7035	08
TYPE OF LOCK		COMPONENTS			MATERIAL				
M22DW		Housing			Polyamide				
		Cam			Steel zinc plated				



Key code						Finish [C]			
1333	405E	455E	1242E	2432E	RK	RAL 9005	07	RAL 7035	08
TYPE OF LOCK		COMPONENTS			MATERIAL				
M22PW		Housing			Polyamide				
		Cam			Steel zinc plated				

How to order :

M22DW — 1333 — H.G — 90 — C

Type of lock _____

Key code _____

Height of cam H (page 1C-7 - 1C-20) _____

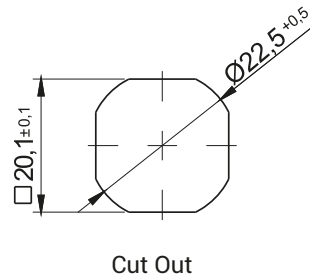
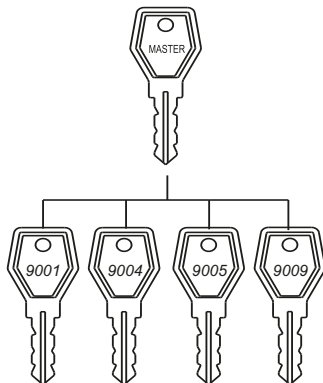
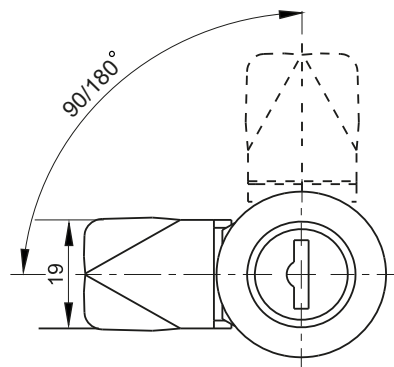
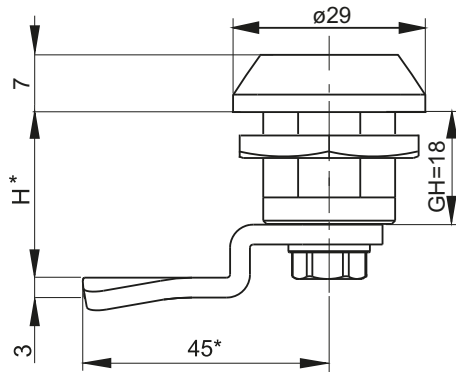
The opening angle of (90°, 180°) _____

Colour of housing _____

* possibility to make in another dimension
 Locks are configured with insert and the nut of polyamide
 H.G - the cam unbending dimension (H-locking height, G-group)
 The lock is fitted with cams from the group: 15, 16, 17, 19, 21, 35, 36, JZ-001, JK-10018 (page 1C-7 - 1C-20)



LH/RH



Key code	Finish [C]			
	Chrome	Nickel	RAL 9005	RAL 7035
9001 - 9010	01	02	04	05
NAME	COMPONENTS		MATERIAL	
Lock M22PW	Housing		ZAMAK5	
	Cam		Steel zinc plated	

How to order :

M22MS — 9006 — H.G — 90 — C

Type of lock _____

Key code _____

Height cam H (page 1C-7 - 1C-20) _____

Angle of rotation (90°, 180°) _____

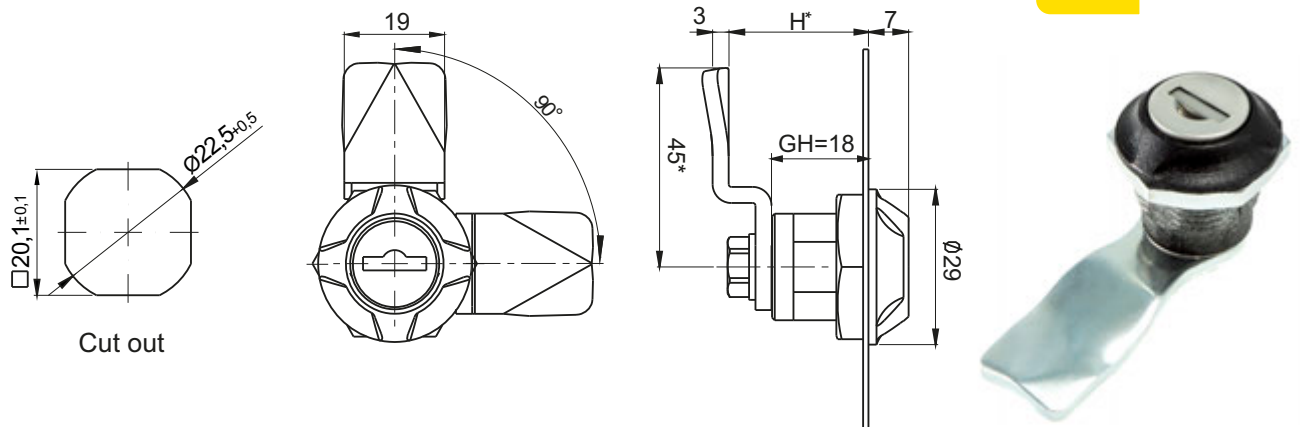
Finish _____

* possibility to make in another dimension

In order to configure the system master please to contact the dealer.

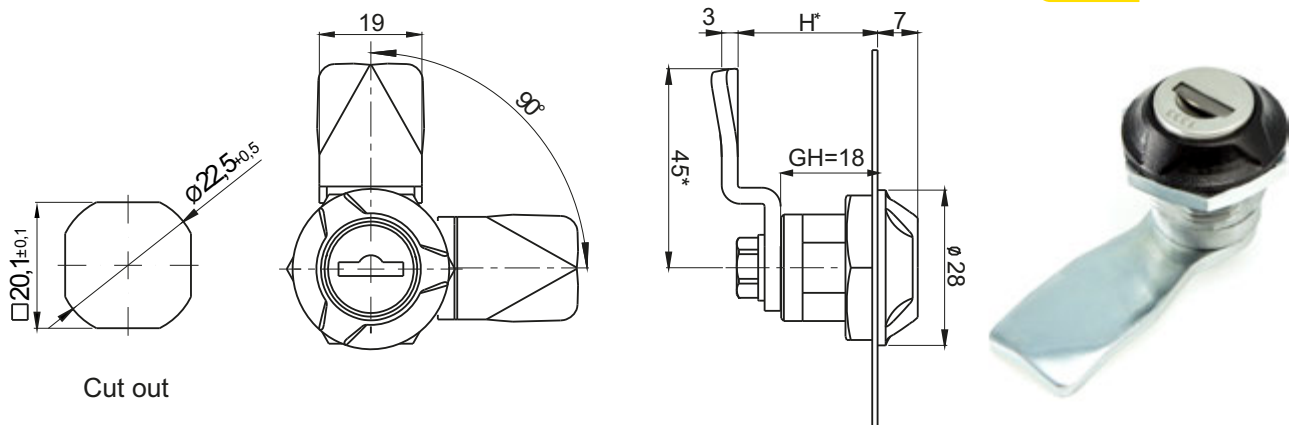
The lock is fitted with cams from the group: 15, 16, 17, 19, 21, 35, 36, JZ-001, JK-10018 (page 1C-7 - 1C-20)

LH/RH



Key code						Finish [C]			
						Chrome	Nickel	RAL 9005	RAL 7035
1333	405E	455E	1242E	2432E	RK	01	02	04	05
NAME		COMPONENTS				MATERIAL			
Lock M22EW		Housing				ZAMAK5			
		Cam				Steel zinc plated			

LH/RH



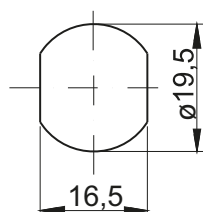
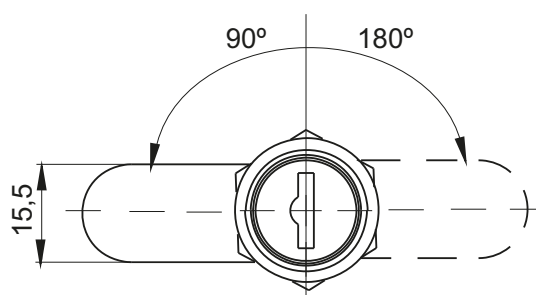
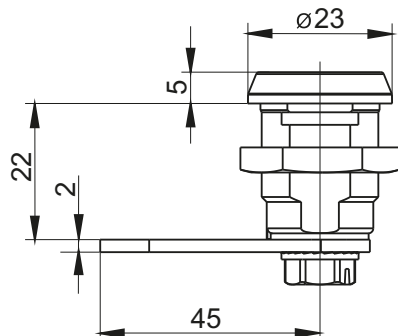
Key code						Finish [C]			
						Chrome	Nickel	RAL 9005	RAL 7035
1333	405E	455E	1242E	2432E	RK	01	02	04	05
NAME		COMPONENTS				MATERIAL			
Lock M22FW		Housing				ZAMAK5			
		Cam				Steel zinc plated			

How to order :



* possibility to make in another dimension

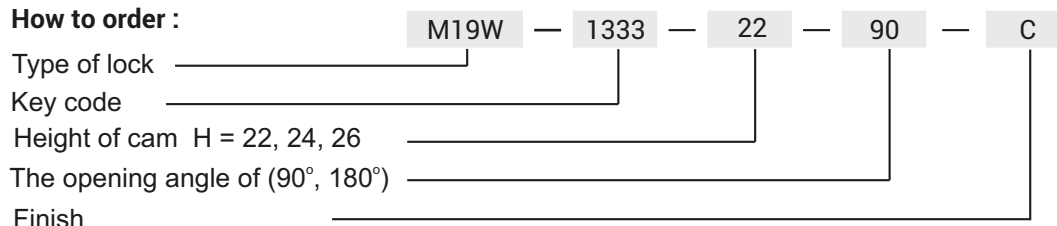
The lock is fitted with cams from the group: 15, 16, 17, 19, 21, 35, 36, JZ-001, JK-10018 (page 1C-7 - 1C-20)



Cut out

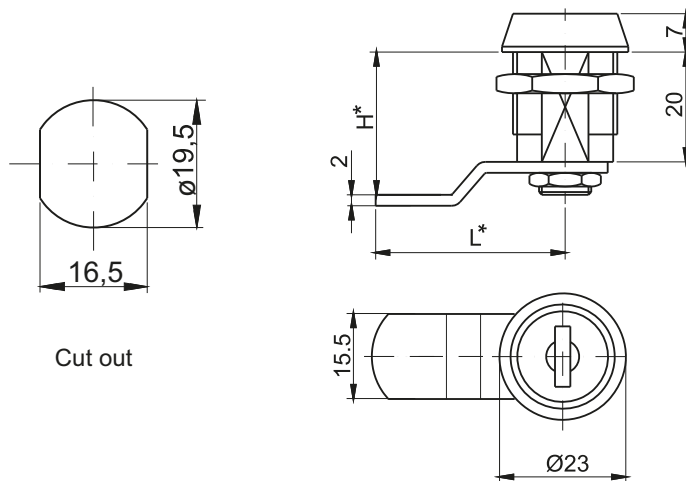
Key code						Finish [C]				
						Chrome	Nickel	Zn **	RAL9005	RAL7035
1333	405E	455E	1242E	2432E	RK	01	02	03	04	05
NAME		COMPONENTS				MATERIAL				
Lock M19W		Housing				ZAMAK5				
		Cam				Steel zinc plated				

How to order :



* possibility to make in another dimension

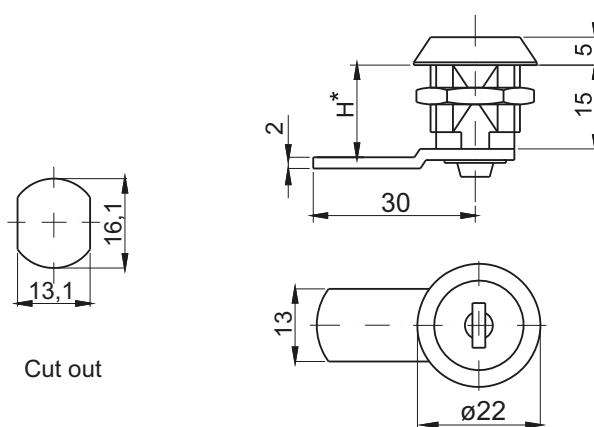
** galvanized



Key code		Finish [C]
25001	RK	Chrome
		01
TYPE OF LOCK	COMPONENTS	MATERIAL
Z-2106	Housing	ZAMAK5
	Cam	Steel zinc plated

How to order : Z-2106 — RK — 20 — C

Type of lock _____
 Key code _____
 Height cam H = 20, 22, 26 _____
 Finish _____

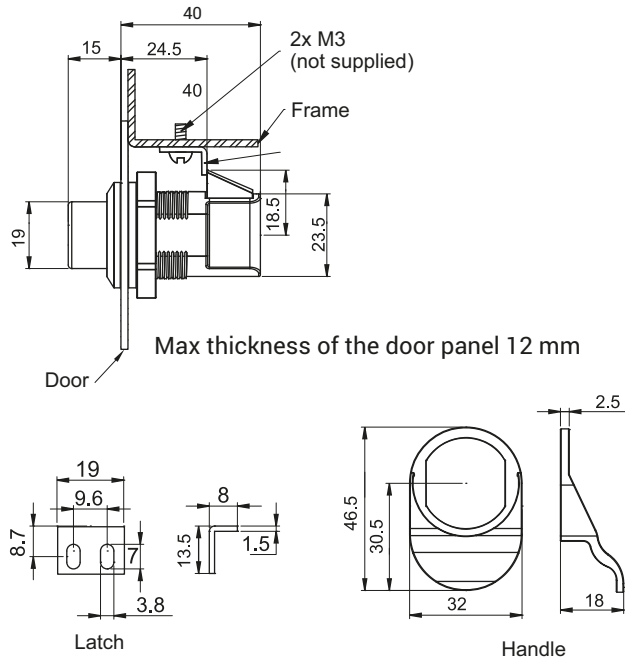
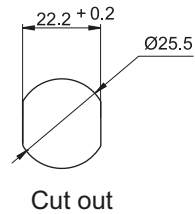
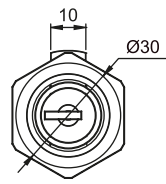


Key code		Finish [C]
827	RK	Chrome
		01
TYPE OF LOCK	COMPONENTS	MATERIAL
Z-0233	Housing	ZAMAK5
	Cam	Steel zinc plated

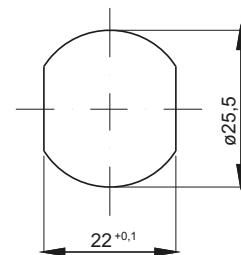
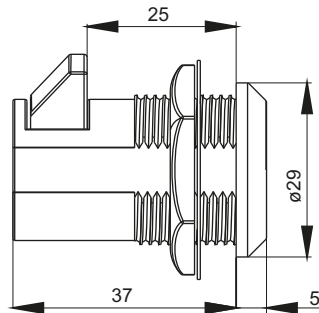
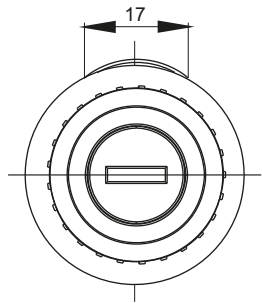
How to order : Z-0233 — RK — 15 — C

Type of lock _____
 Key code _____
 Height cam H = 15, 17 _____
 Finish _____

* possibility to make in another dimension

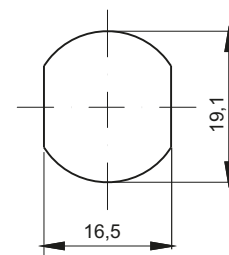
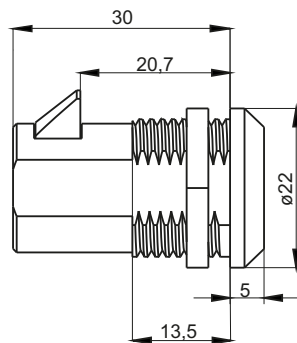
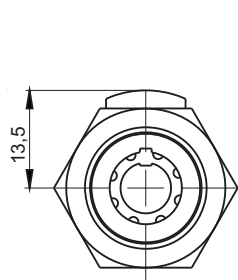


TYPE OF LOCK	COMPONENTS	MATERIAL	FINISH [C]
2.529.001	Housing	ABS	RAL 9005
			07



Cut out

TYPE OF LOCK	COMPONENTS	MATERIAL	FINISH [C]
2.611.001	Housing	ZAMAK5	Chrome
			01

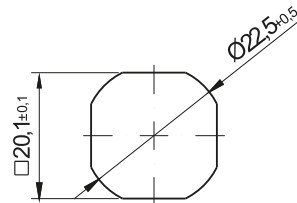
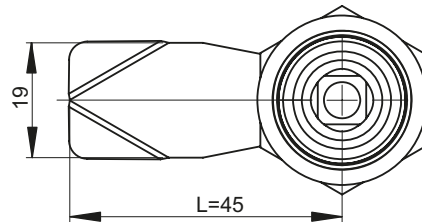
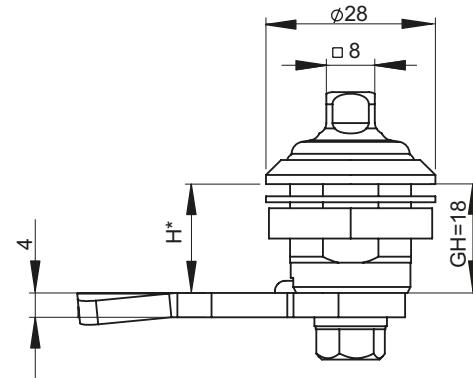


Cut out

TYPE OF LOCK	COMPONENTS	MATERIAL	FINISH [C]
2.612.001	Housing	ZAMAK5	Chrome
			01

IP69K

LH/RH

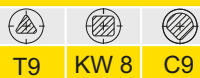


Cut out

The lock have a the IP69K protection
 The seals are in accordance with FDA and
 have allowing from to come into contact with the food product

* standard material stainless steel 304,
 possible to order stainless steel 316

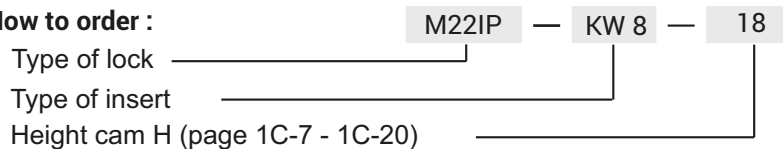
Insert



T9 KW 8 C9

NAME	COMPONENTS	MATERIAL
Lock M22 IP	Housing, insert	Stainless steel
	Cam	Stainless steel

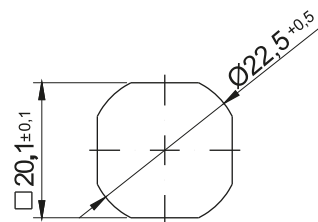
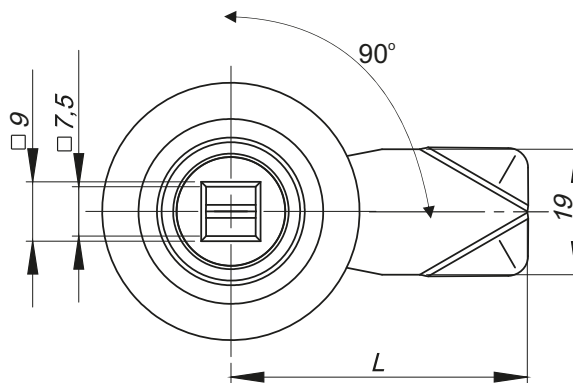
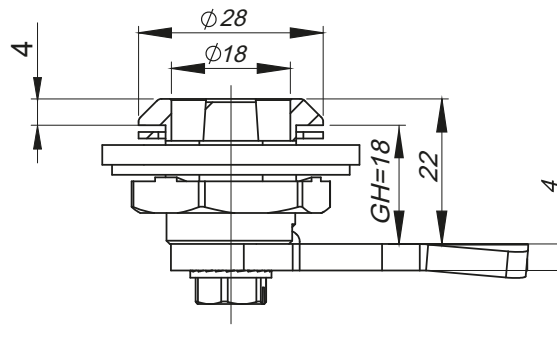
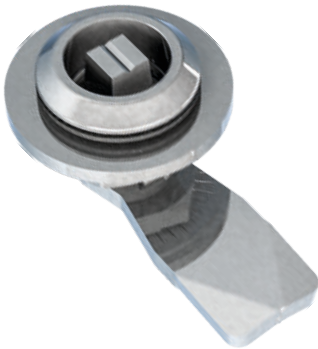
How to order :



* possibility to make in another dimension



IP 65



Cut out

The lock in accordance to NF F 01-054 standard.

The lock has a strength test on opening and closing process

and also tests describing the impact of vibration according to EN 61373 standard.

Washer M22 DIN 125 A included.

Inserts

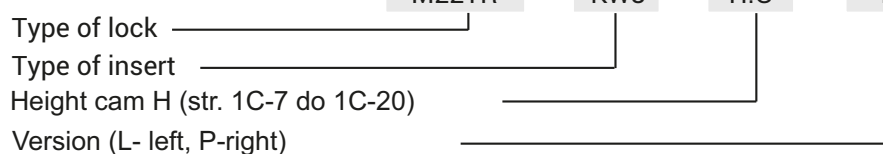


T9 KW 8

NAME	COMPONENTS	MATERIAL
Lock M22TR	Housing, insert	Stainless steel 304
	Cam	Stainless steel 304

How to order:

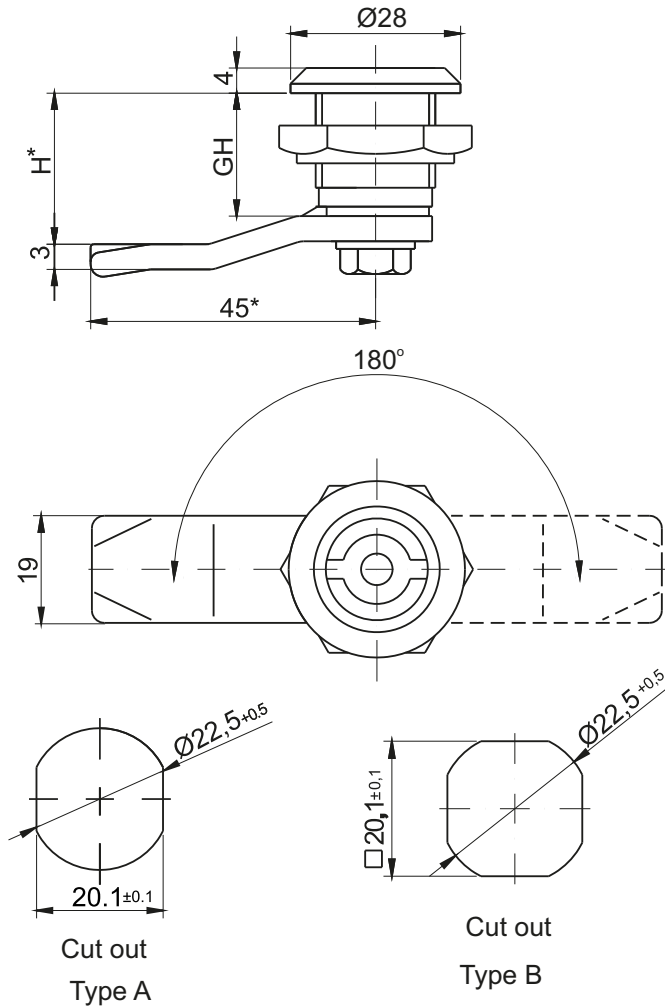
M22TR — KW8 — H.G — P



where H.G - the cam unbending dimension

Notice:

Lock M22TR is compatible with all cams from range : 13, 14, 33, 34, H.G dimension to be chosen from pages 1C-7 to 1C-20 from the catalogue.



Lock adapted to work with 3 points cam.

Note: Lock milled in with 4 sides (Type B rear lock) - on request.

where:

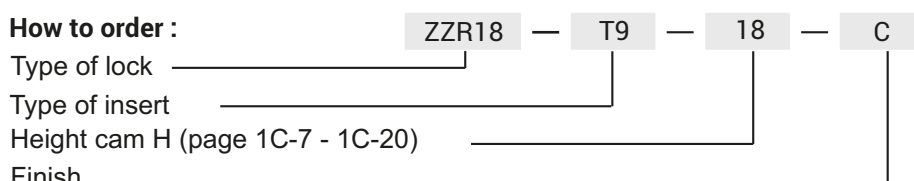
ZZR18 = GH=18

ZZR19 = GH=19 **ZZR38** = GH=38

ZZR28 = GH=28 **ZZR50** = GH=50

Insert									Finish [C]	
									Chrome	
D3	D5	T8	T9	KW 8	S	N	C9	KW8-9Z	01	
NAME				COMPONENTS					MATERIAL	
ZZR18, ZZR19, ZZR28, ZZR38, ZZR50				Housing, insert					Steel	
				Cam					Steel zinc plated	
ZZR18SN, ZZR19SN, ZZR28SN, ZZR38SN, ZZR50SN				Housing, insert					Stainless steel	
				Cam					Stainless steel	

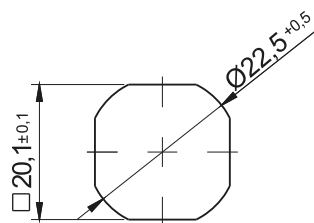
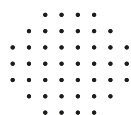
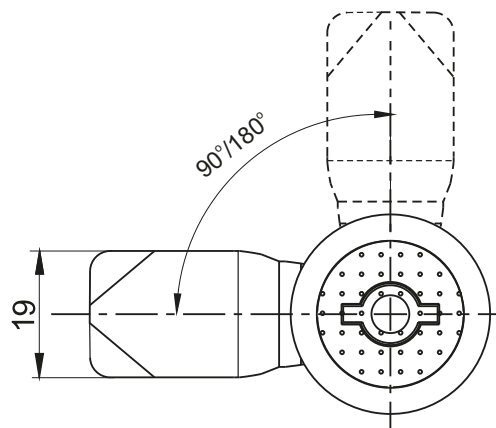
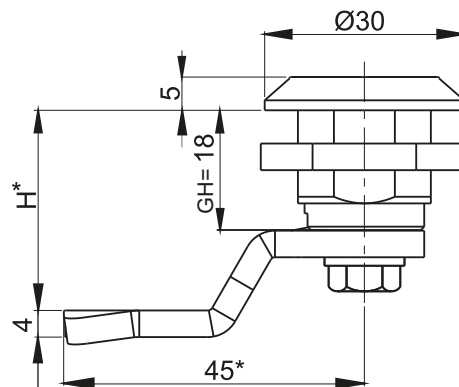
How to order :



* possibility to make in another dimension

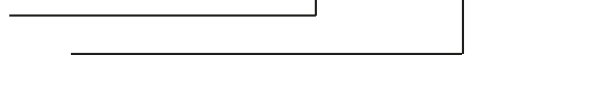
**possibility of making lock grade stainless steel. 316

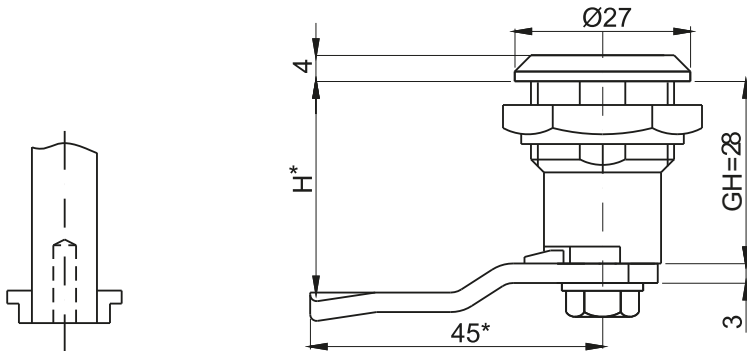
The lock is fitted with cams from the group: 11, 12, 13, 14, 18, 31, 33, 38, JK-1610.01 (page 1C-7 - 1C-20)



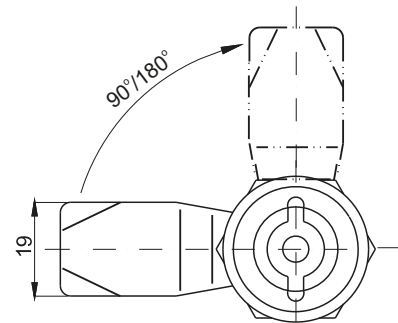
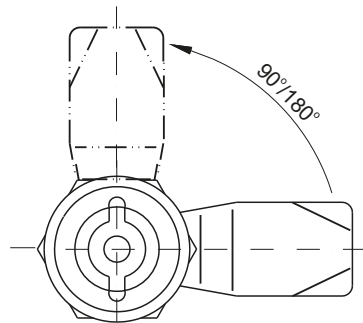
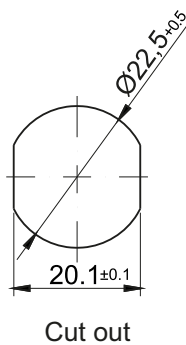
ZZR18.010			

ZZR18.010 — KW 8 — H.G

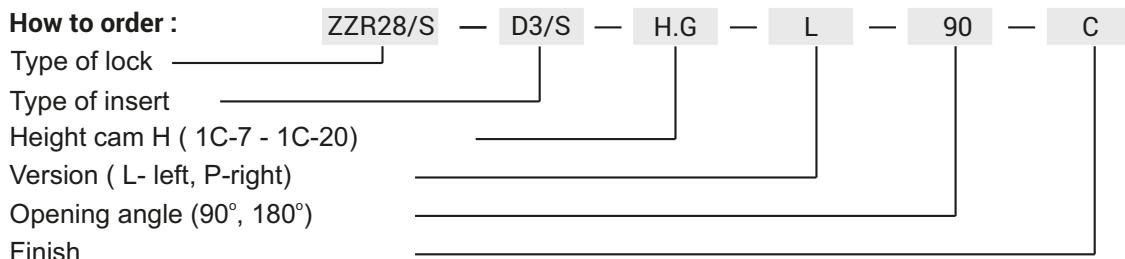




Key D3/S page 2-55.



TYPE OF LOCK	COMPONENTS	MATERIAL	FINISH [C]
			Chrome
ZZR28/S	Housing, insert	Brass	01
	Cam	Steel zinc plated	-
ZZR28/S SN	Housing, insert	Stainless steel	-
	Cam	Stainless steel	-



* possibility to make in another dimension

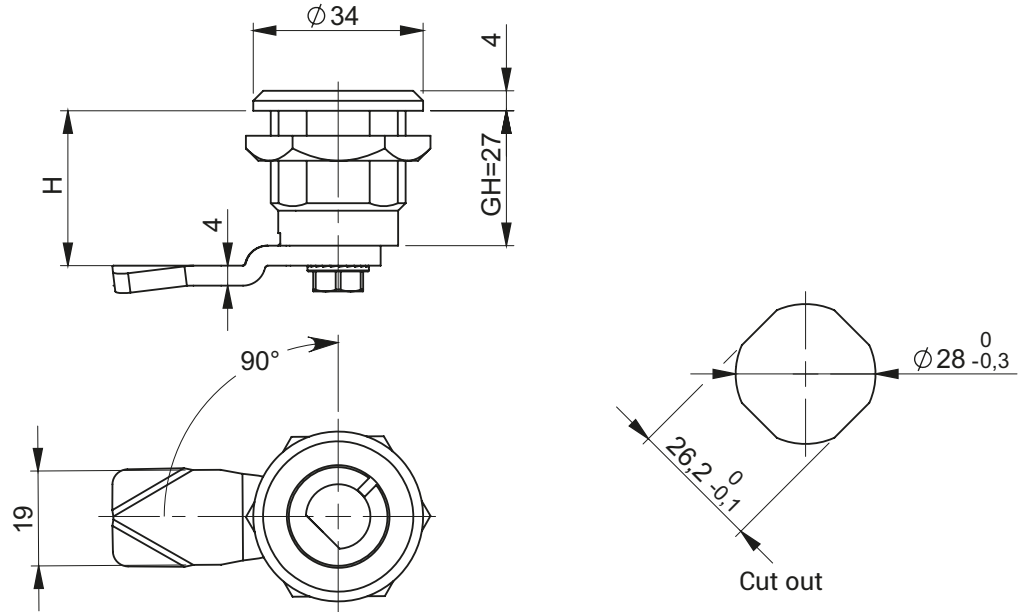
Note: can order the lock the key KL D3 / S, whose construction prevents easy from the lock ZZR after turning to "open"

Lock can work with 3-point cam with limiter p.1C-15, 1C-16

H.G - the cam unbending dimension (H-locking height, G-group)

The lock is fitted with cams from the group: 11, 13, 18, 31, 33, 38, JZ-002, JK-1610.01 (page 1C-7 - 1C-20)

LH/RH



Insert



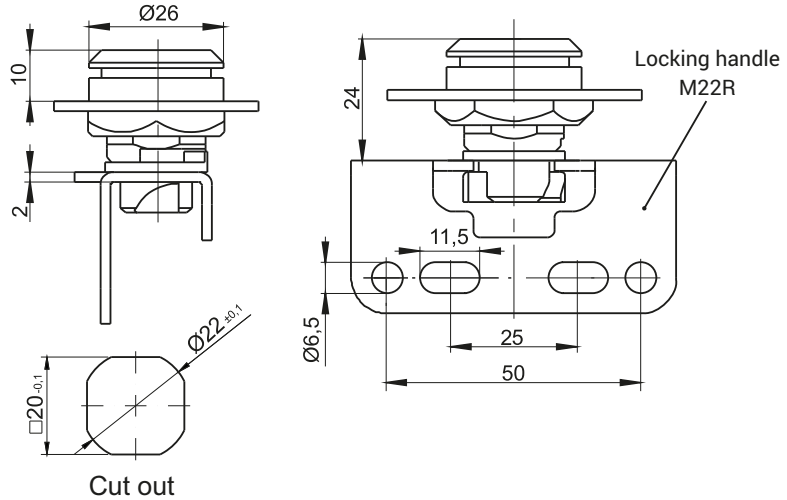
Note:

1. The key can be inserted and pull out only in the closed position
2. Adapted to lock the key KLT - D13

D13

TYPE OF LOCK	COMPONENTS	MATERIAL
CZ-E1	Housing, insert	Brass zinc plated
	Cam	Steel zinc plated

LH/RH



Insert

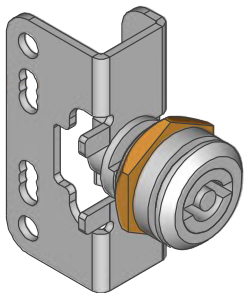


D5

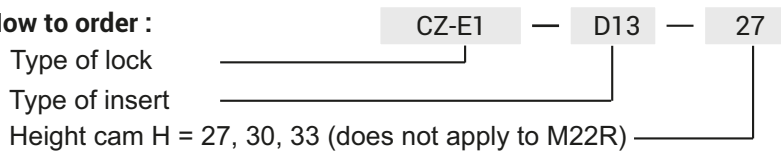
T9

KW 8

TYPE OF LOCK	COMPONENTS	MATERIAL
M22R	Housing, insert	Steel zinc plated
	Cam	ZAMAK5



How to order :

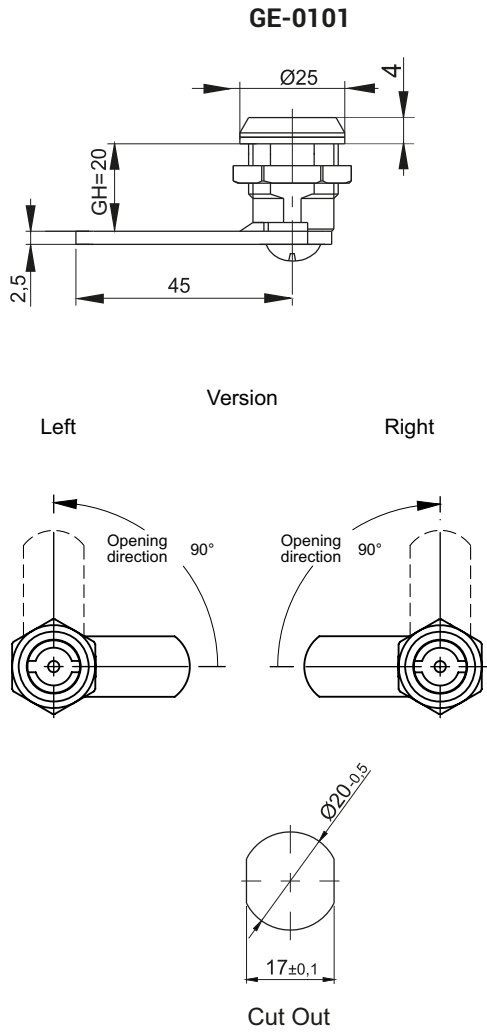


* possibility to make in another dimension

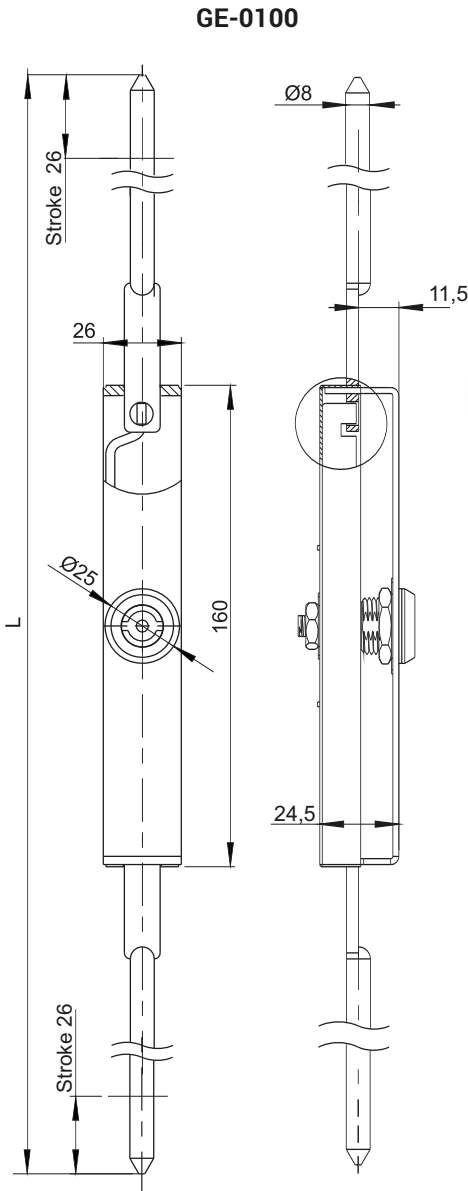
Notice: Handle for M22R is not a part of a set.

To order separately:

- galvanized steel M22R: M22R.001.01
- stainless steel: M22R.001.02



Insert		
D3	T9	KW 8



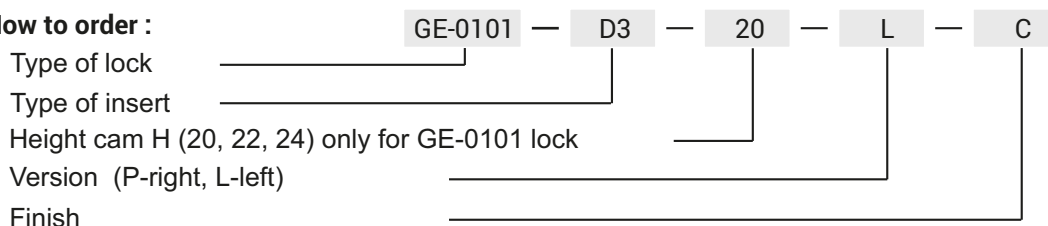
LH/RH



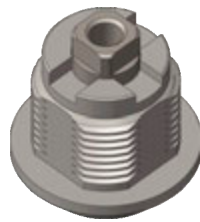
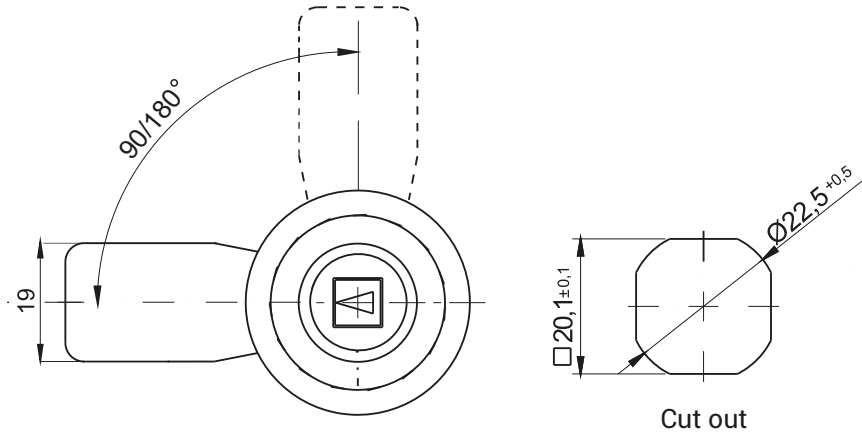
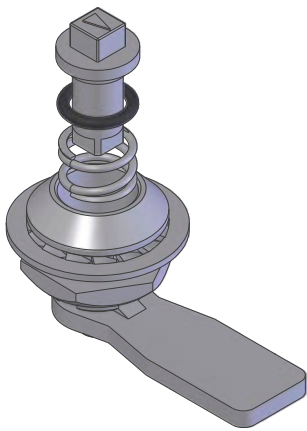
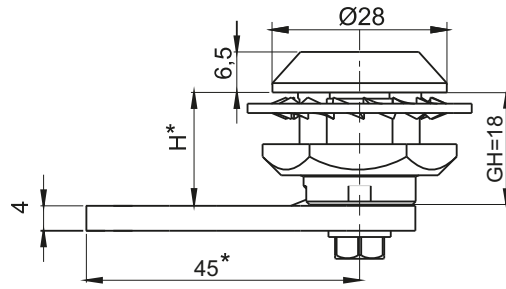
For this lock you can order key 2.KL-X.001 (ø13,5)

TYPE OF LOCK	COMPONENTS	MATERIAL	FINISH [C]
			Chrome
GE-0101	Housing, insert	Brass - chromium	01
	Cam	Steel zinc plated	-
GE-0100	Housing, insert	Brass - chromium	01
	Cam	Stainless steel	-

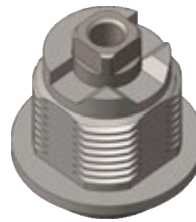
How to order :



* possibility to make in another dimension



Type A



Type B

Lock with backlash compensation and protection in case of accidental opening. In order to open/close the lock first press the insert and then turn 90° degrees.

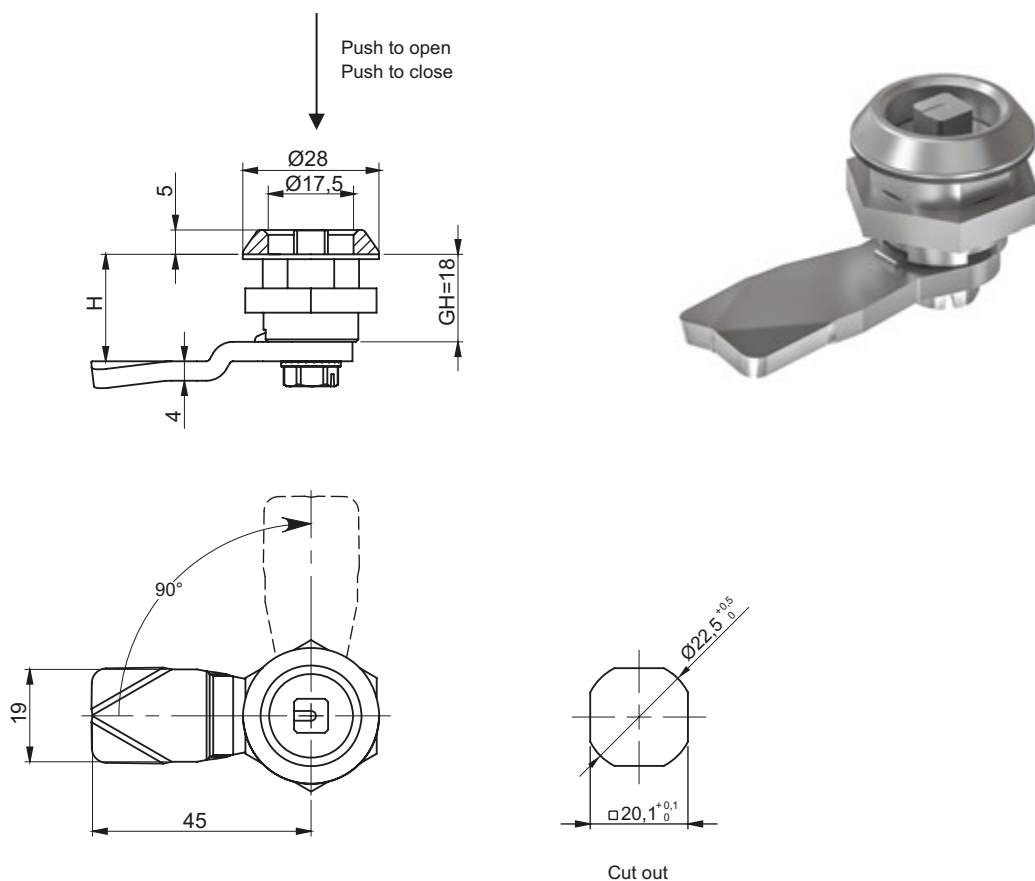
Insert					Finish [C]			
KW6	KW8	KW8-3	T8	T9	Chrome	Nickel	RAL 9005	RAL 7035
					01	02	04	05
TYPE OF LOCK		COMPONENTS			MATERIAL			
M22SP		Housing, insert			ZAMAK5			
		Cam			Steel zinc plated			

How to order : M22SP — A — KW8 — H.G — C — 90

Type of lock _____
 Type of housing _____
 Type of insert _____
 Type of cam (page 1C-7 to 1C-20) _____
 Finish _____
 Opening angle (90°, 180°) _____

* possibility to make in another dimension

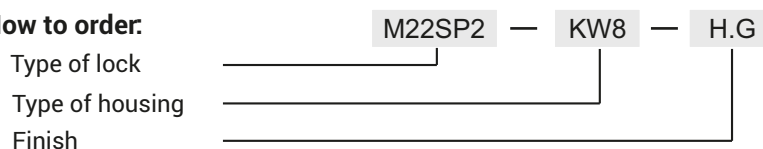
The lock is fitted with cams from the group: 11, 12, 13, 14, 31, 32, 33, 34, 38, (page 1C-7 - 1C-20)



Lock with backlash compensation and protection in case of accidental opening. In order to open/close the lock first press the insert and then turn 90° degrees.

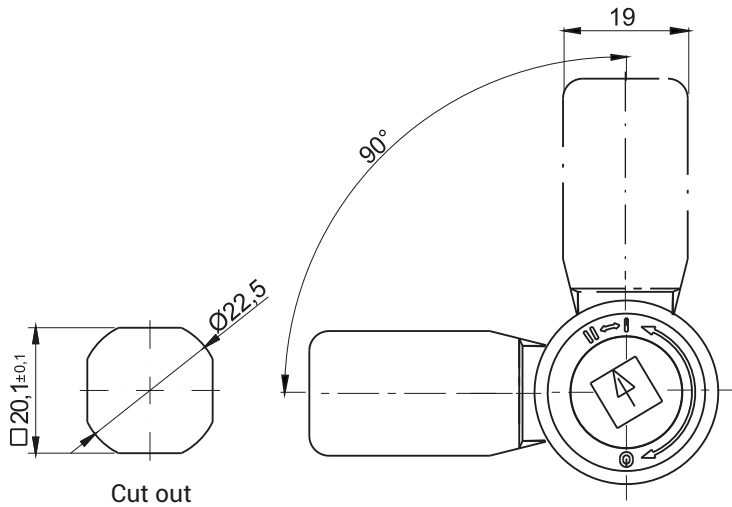
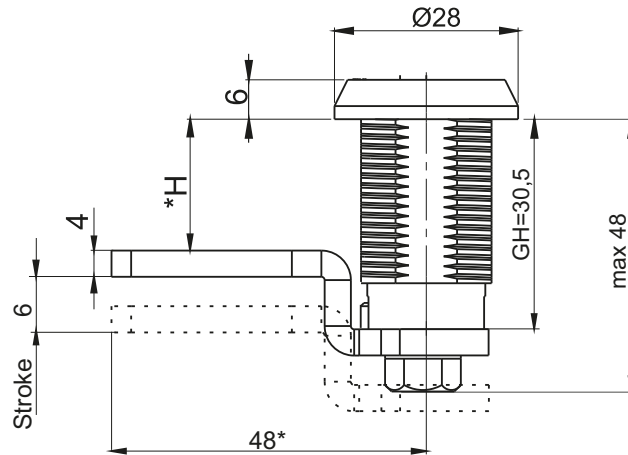
Insert			
KW 7	KW 8	T8	T9
TYPE OF LOCK		COMPONENTS	MATERIAL
M22SP2		Housing, Insert, Cam	Stainless steel

How to order:

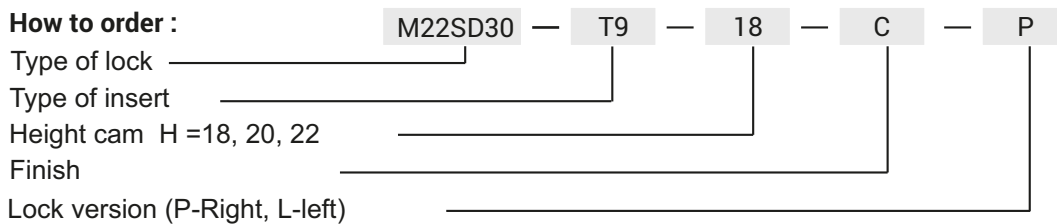


The lock is fitted with cams from the group: 13, 14, 33, 34, (page 1C-7 - 1C-20)

LH/RH



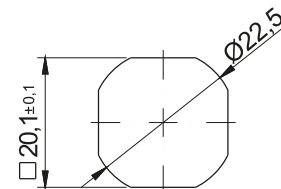
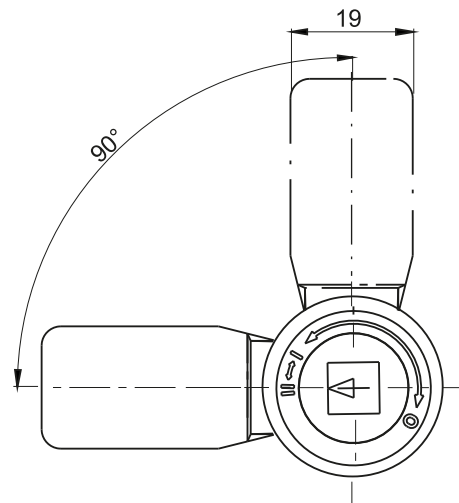
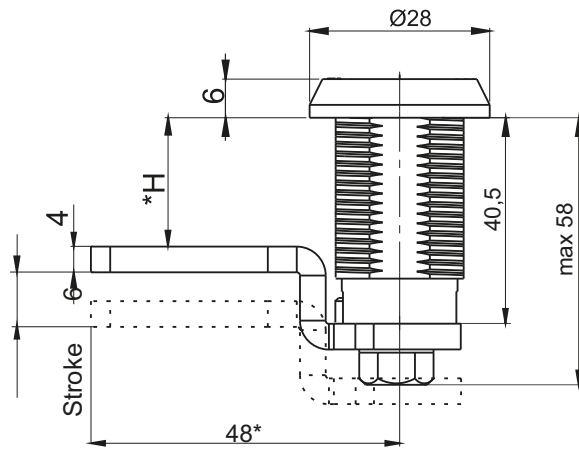
Insert					Finish [C]	
					Chrome	
T9	KW 8	S	N	RAILWAY	01	
TYPE OF LOCK			COMPONENTS		MATERIAL	
M22SD30			Housing, Insert		ZAMAK5	
			Cam		Steel zinc plated	
M22SD30-SN			Housing, Insert, Cam		Stainless steel	



* possibility to make in another dimension

Lock M22SD30 addition to being locked, has shaped the possibility of additional security padlock.

LH/RH



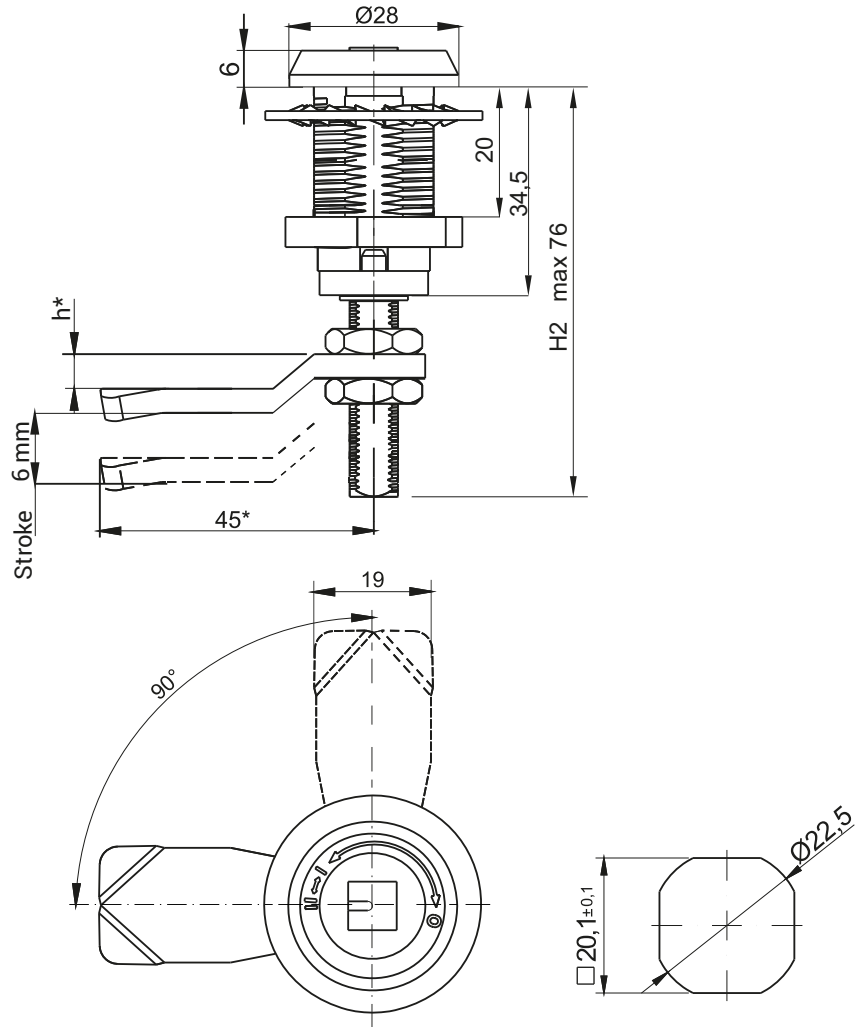
Cut out

Insert				
T9	KW 8	S	N	RAILWAY
TYPE OF LOCK		COMPONENTS	MATERIAL	
M22SD40		Housing, insert	Stainless steel	
		Cam		



* possibility to make in another dimension
 Lock M22SD40 addition to being locked, has shaped the possibility of additional security padlock.

LH/RH



Cut out

Insert					Finish [C]
					Chrome
T9	KW 8	S	N	RAILWAY	01

TYPE OF LOCK	COMPONENTS	MATERIAL
M22SC	Housing, insert	ZAMAK5
	Cam	Steel zinc plated
M22SC SN	Housing, insert	Stainless steel
	Cam	

How to order :

M22SC — T9 — 3 — C — P

Type of lock _____

Type of insert _____

Height cam h = 0, 3, 6, 9, -3, -6, -9 _____

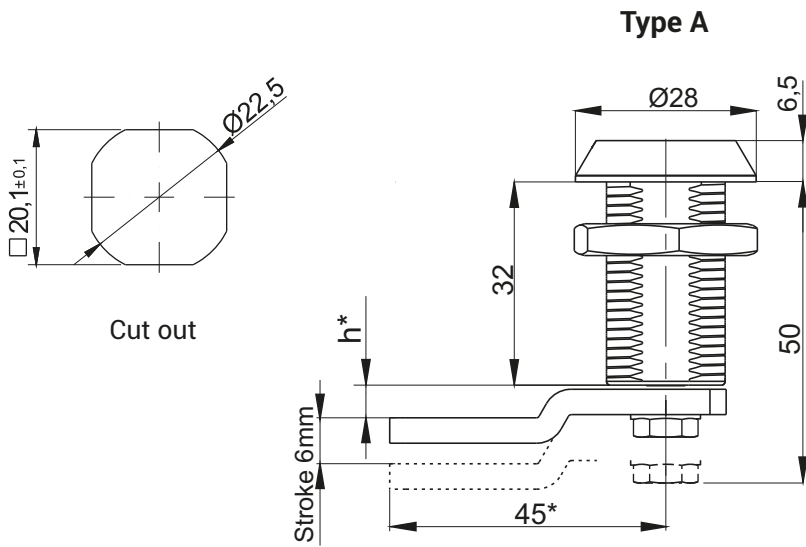
Finish _____

Lock version (P-right, L-left) _____

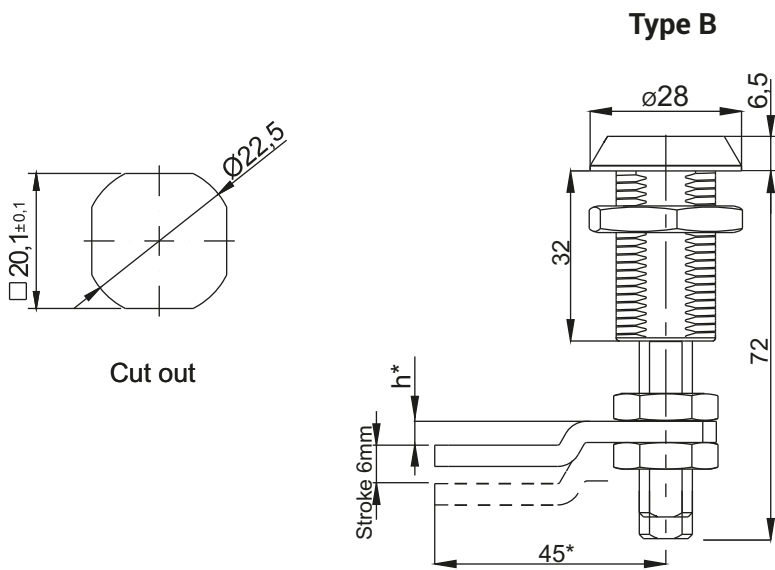
* possibility to make in another dimension

Lock M22SC addition to being locked, has shaped the possibility of additional security padlock.

LH/RH WATERPROOF



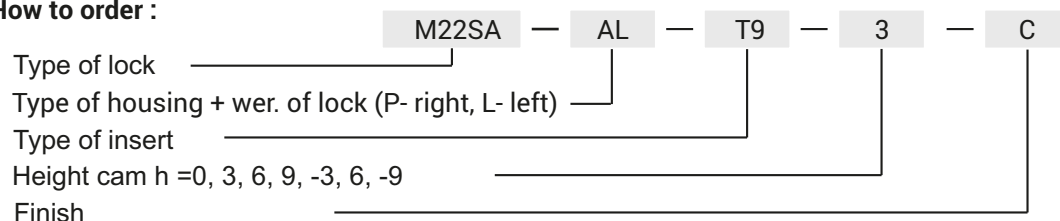
LH/RH WATERPROOF



Insert						Finish [C]	
						Chrome	RAL 9005
D3	D5	T7	T9	KW 7	KW 8	01	04

TYPE OF LOCK	COMPONENTS	MATERIAL
M22SA	Housing, insert	ZAMAK5
	Cam	Steel zinc plated

How to order :

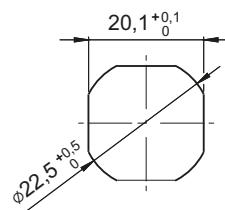
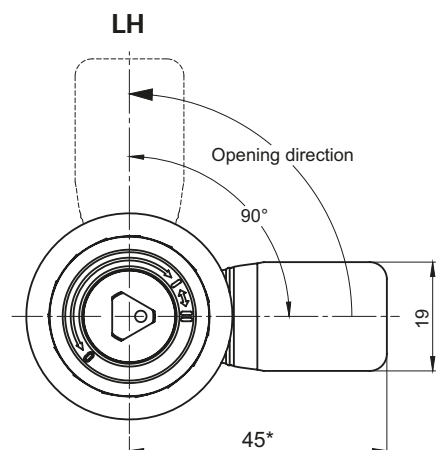
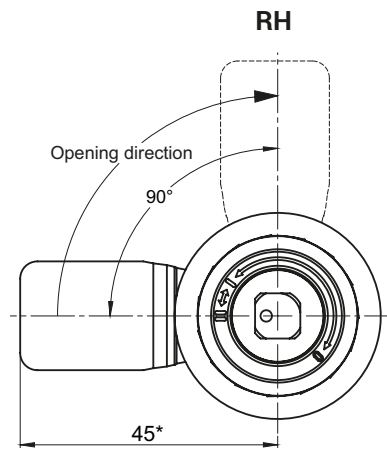
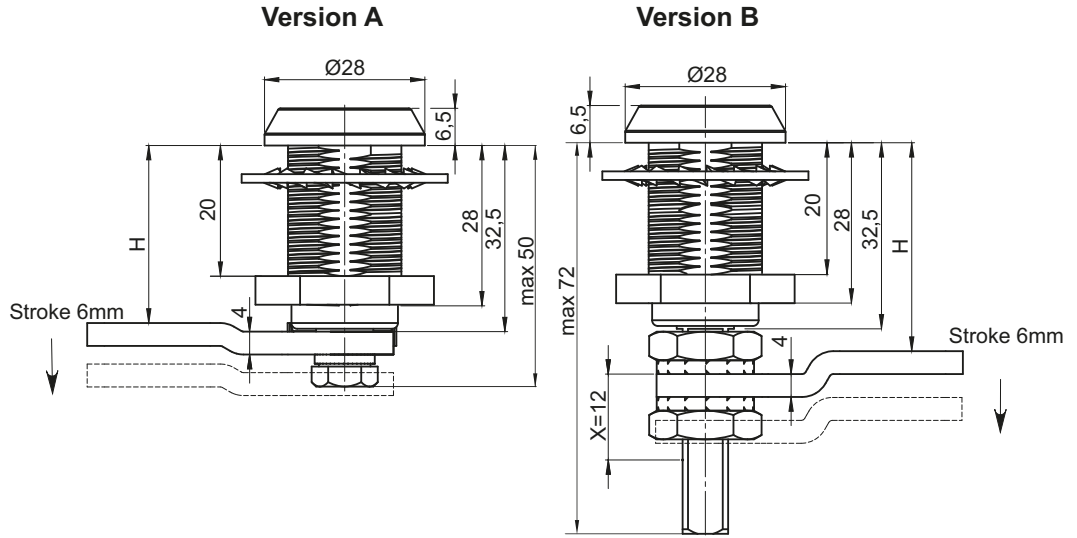


* possibility to make in another dimension



LH/RH

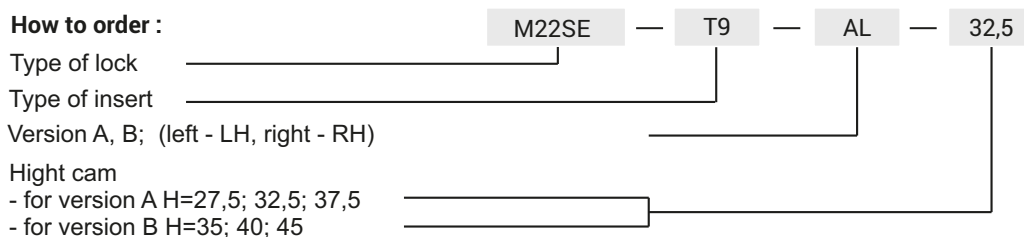
IP 65



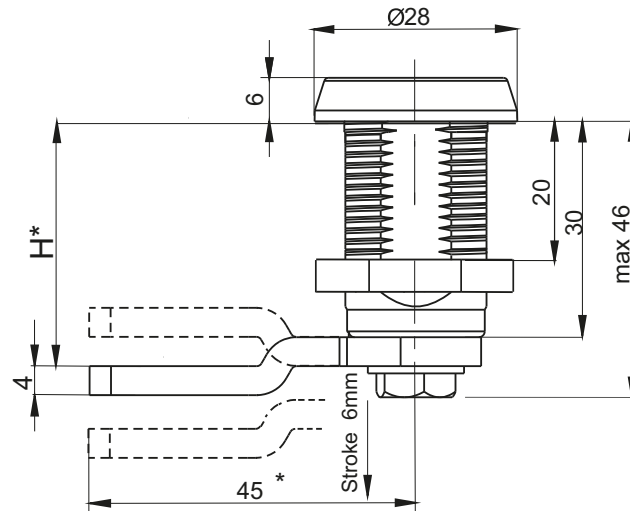
Cut out

TYPE OF LOCK	COMPONENTS	MATERIAL	Insert			
M22SE SN	Housing, Insert Cam	Stainless steel				
			T9	T7	KW8	KW8-2

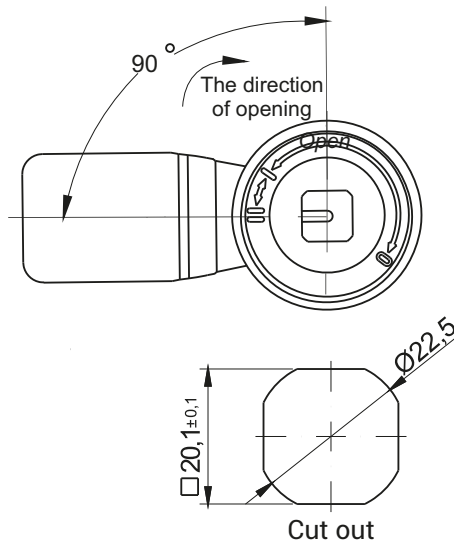
How to order :



* possibility to make in different dimension



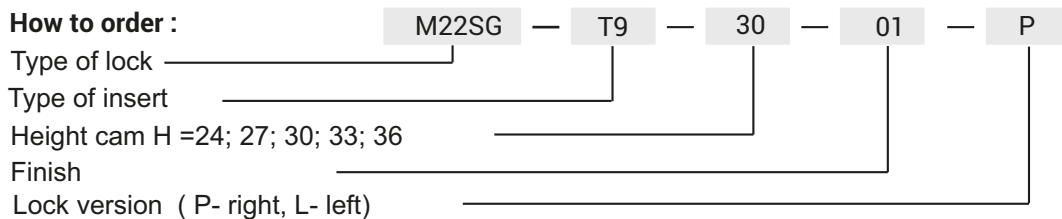
LH/RH



Insert		Finish [C]	
		Chrom	RAL 9005
T9	KW8	01	04

TYPE OF LOCK	COMPONENTS	MATERIAL
M22SG	Housing, insert	ZAMAK 5
	Cam	Steel zinc plated

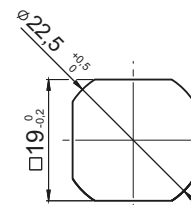
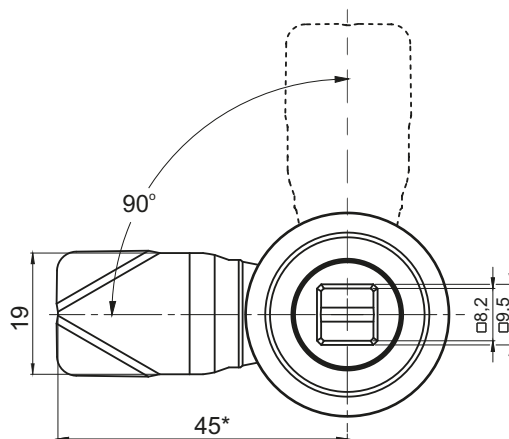
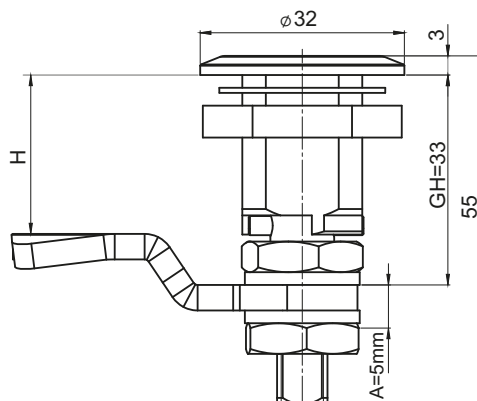
How to order :



* possibility to make in another dimension



IP 65



Cut out

A - the height of the latch adjustment H

TYPE OF LOCK	COMPONENTS	MATERIAL
M22JR-SN	Housing, Insert, Cam	Stainless steel

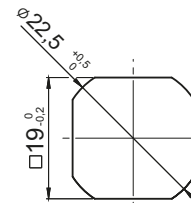
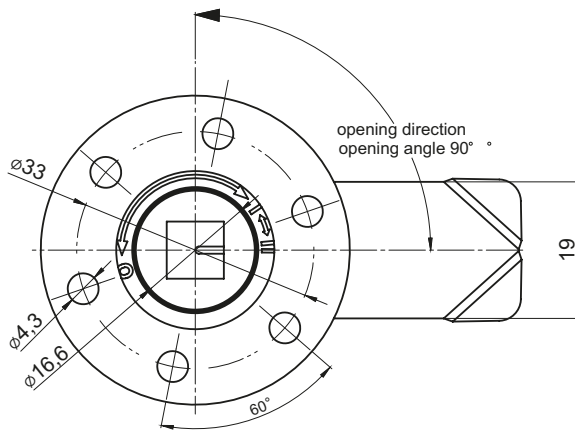
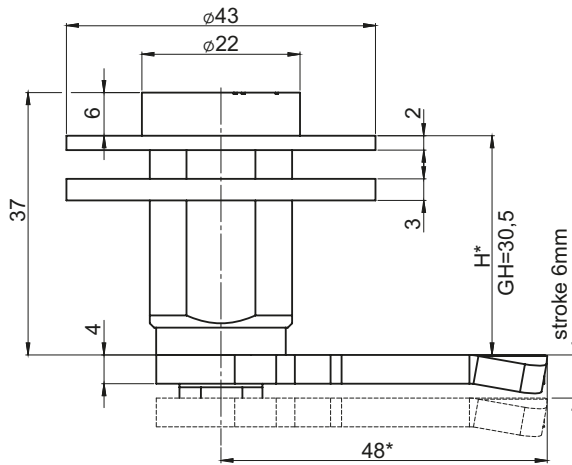
How to order : M22JR SN — KW8/9,5 — 27

Type of lock _____

Type of insert _____

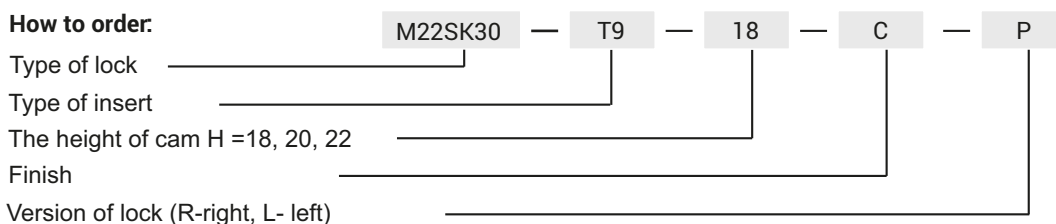
The height of cam H=27, 31, 33, 35, 39 _____

* possibility to order in a different dimension



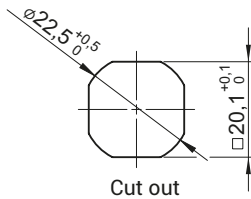
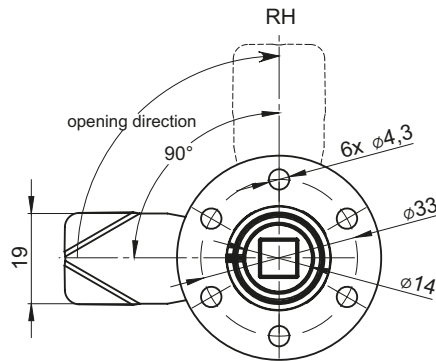
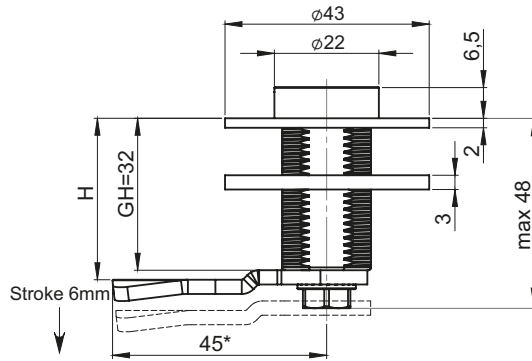
Cut out

Inserts					Finish [C]	
					Chrome	
T9	KW 8	S	N	RAILWAY	01	
TYPE OF LOCK	COMPONENTS				MATERIAL	
M22SK30	Housing				ZAMAK5	
	Insert				Stainless steel	
	Cam, Washer, Nut				Zinc plated steel	
M22SK30SN	Housing, Insert, cam, washer, Nut				Stainless steel	

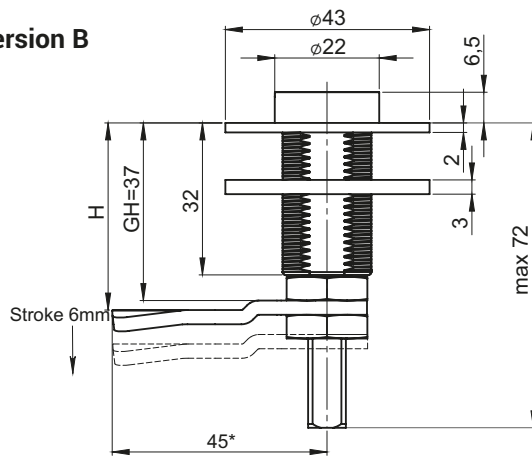


* Possibility to order in a different dimension

Version A

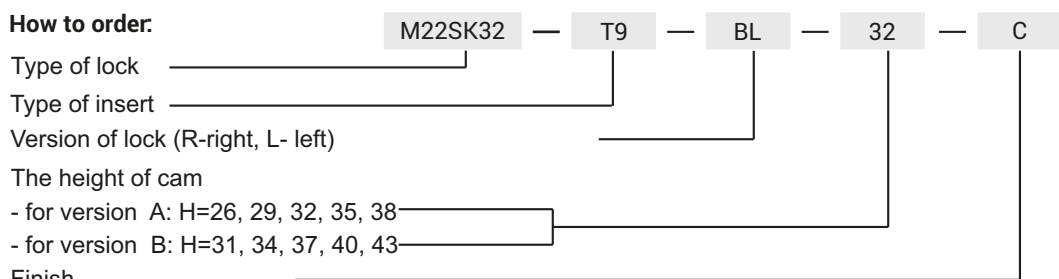


Version B



Inserts					Finish [C]	
					Chrome	RAL 9005
D3	D5	T9	KW 7	KW 8	01	04
TYPE OF LOCK			COMPONENTS		MATERIAL	
M22SK32			Housing, Insert		ZAMAK5	
			Cam, Washer, Nut		Zinc plated steel	

How to order:

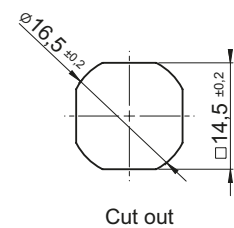
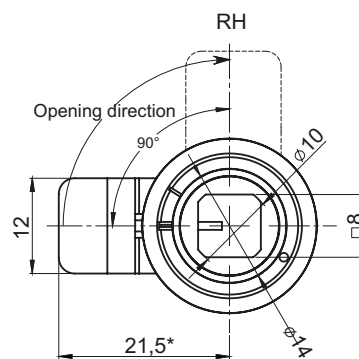
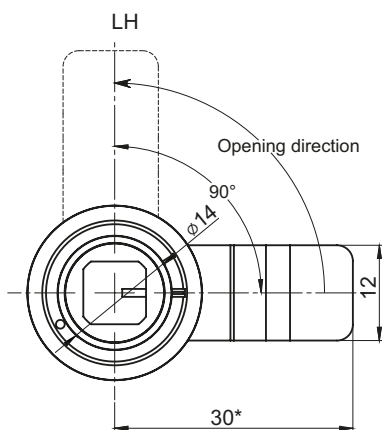
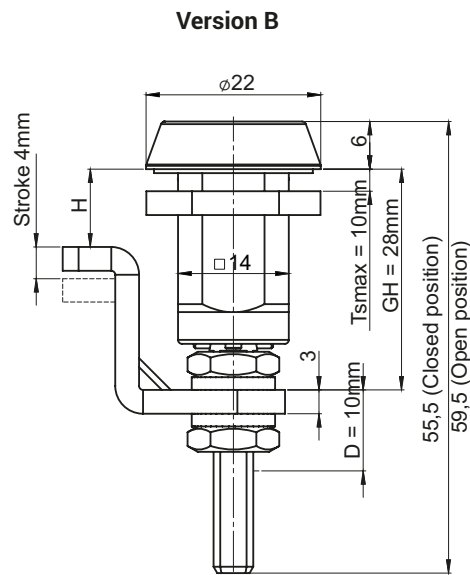
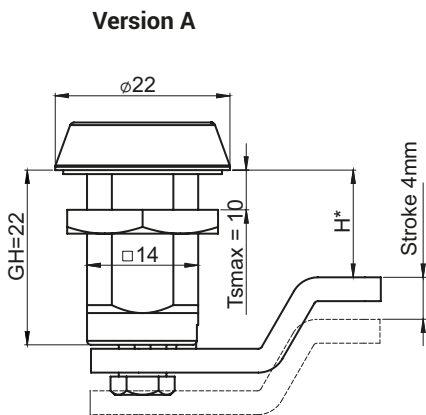


* Possibility to order in a different dimension



LH/RH

IP 65

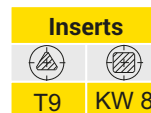
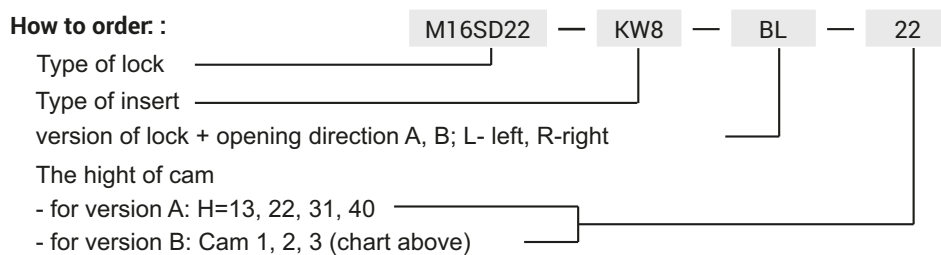


Height adjustment H cam for lock in version B		
Cam	H	
1 Bended 18mm	10 - 20	
	46 - 56	
2 Bended 9mm	19 - 29	
	37 - 47	
3 Straight	28 - 38	

The lock has **IP65**.
The lock has double pressure.
The lock is fitted with the key 2.KLKW8.001 (str. 2A-99).

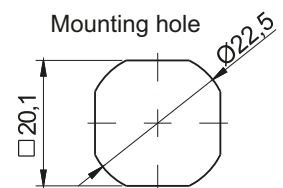
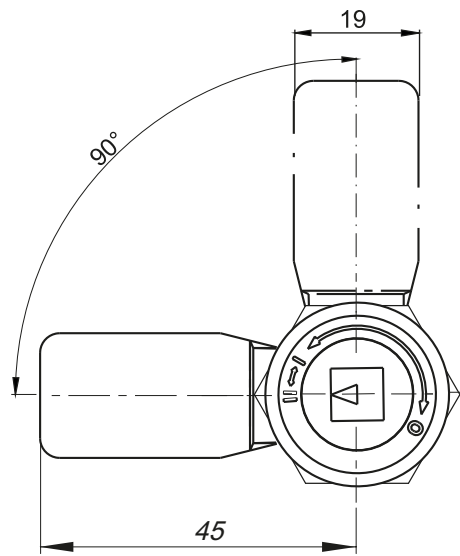
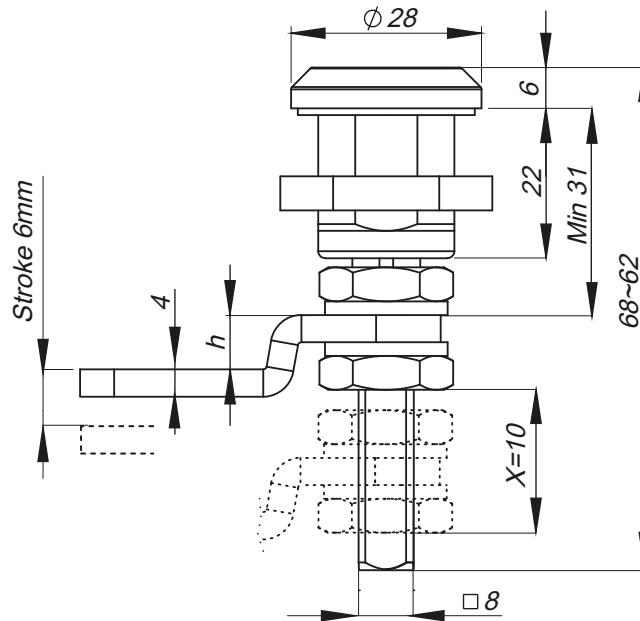
D - the range of latch adjustment M16SD22 type B.
Ts - the thickness of sheet steel.
In lockM16SD22 type B bended can be fitted double sided.

TYPE OF LOCK	ELEMENTY SKŁADOWE	MATERIAL
M16SD22	Housing, Insert, Cam	Stainless steel





IP 65



Lock has IP65
The lock has two sided clamp.
The x value means the range of adjusting the bar.

Inserts	
T9	KW 8

TYPE OF LOCK	COMPONENTS	MATERIAL
M22SD22	Housing, insert	Stainless steel 304
	Cam	Stainless steel 304

How to order:

M22SD22 — T9 — 22 — SN — P

Type of lock _____

Type of insert _____

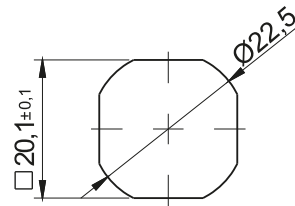
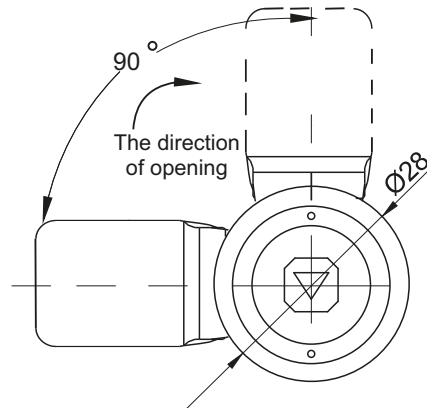
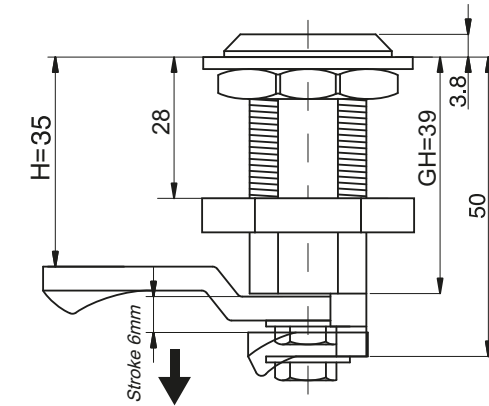
Height cam h = 22, 25, 28, 31, 34, 37, 40 _____

Finishing _____

Version (L- left, P-right) _____

LH/RH

RoHS



Cut out

Insert



KW 8

TYPE OF LOCK	COMPONENTS	MATERIAL
2.530.001	Housing, insert	Stainless steel
	Cam	Stainless steel

* possibility to make in another dimension

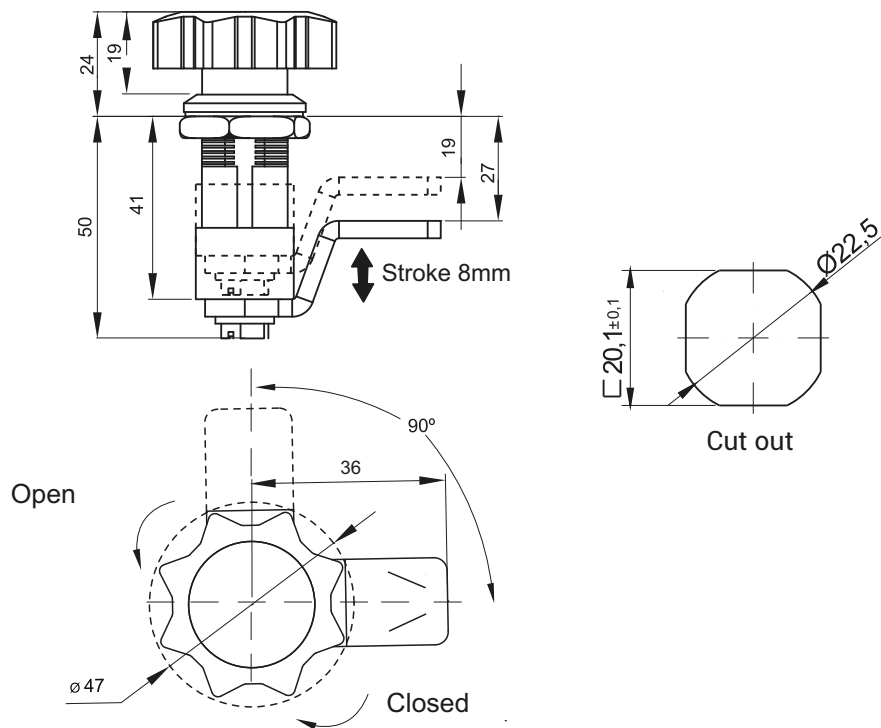
How to order:

Type of lock

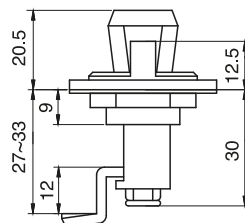
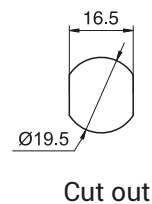
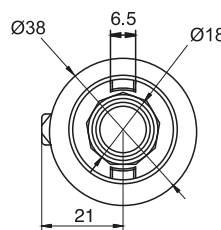
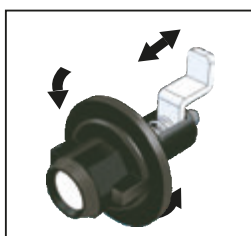
Type of insert

2.530.001 — KW8

LH/RH

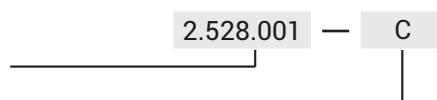


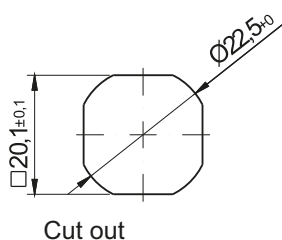
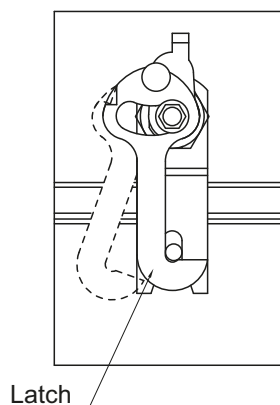
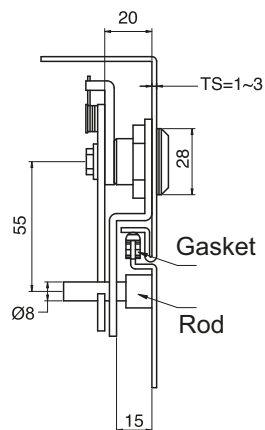
TYPE OF LOCK	COMPONENTS	MATERIAL	FINISH [C]
			Chrome
2.528.001	Housing, insert	ZAMAK 5	01
	Cam	Steel zinc plated	-



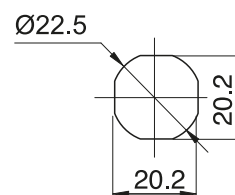
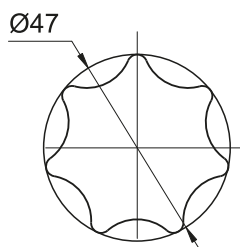
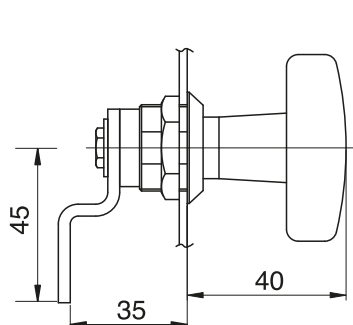
TYPE OF LOCK	COMPONENTS	MATERIAL	FINISH [C]
			RAL 9005
2.528.002	Housing, knob	Polyamide	07
	Cam	Steel zinc plated	-

How to order:
Type of lock
Finish





TYPE OF LOCK	COMPONENTS	MATERIAL	FINISH [C]
			Chrome
2.525.001	Housing, Insert	ZAMAK5	01
	Latch	Steel zinc plated	-



Cut out

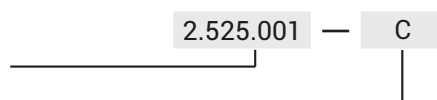


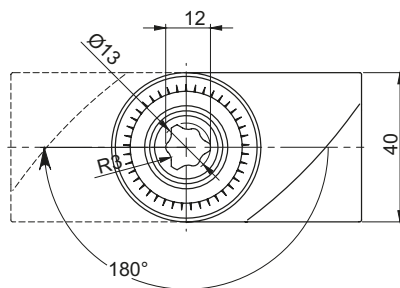
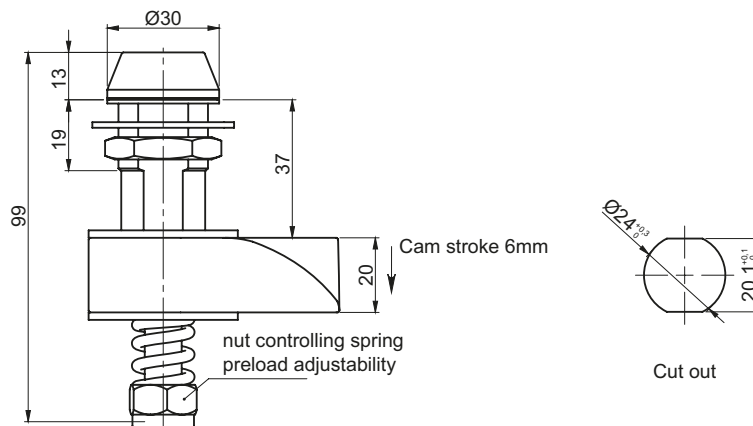
Turn angle 90°

TYPE OF LOCK	COMPONENTS	MATERIAL	FINISH [C]
			RAL 9005
2.527.001	Housing	ZAMAK 5	04
	Insert	Polyamide	04
	Cam	Steel zinc plated	-

How to order:

Type of lock
Finish



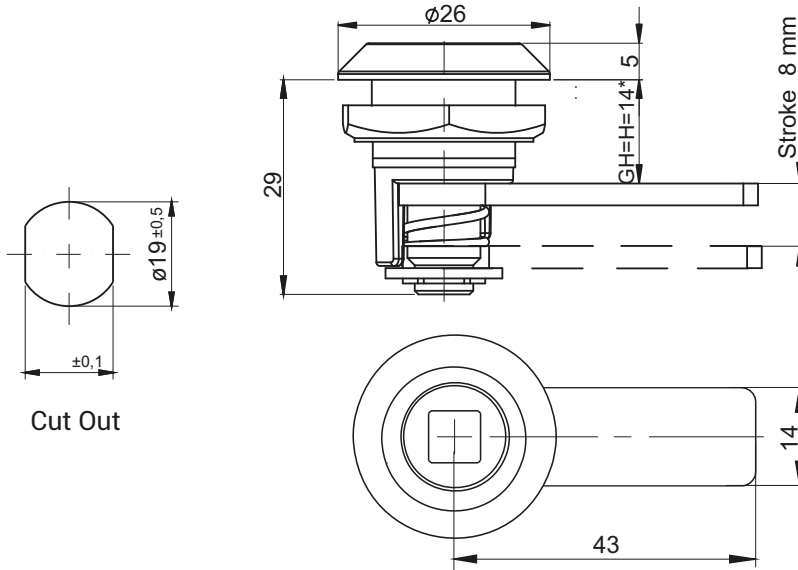


Inserts	
T10	BT

TYPE OF LOCK	COMPONENTS	MATERIAL
M24C	Housing, Insert	Stainless steel
	Cam	Polyamide
	Nut	Brass



Lock is equipped with spring preload adjustability

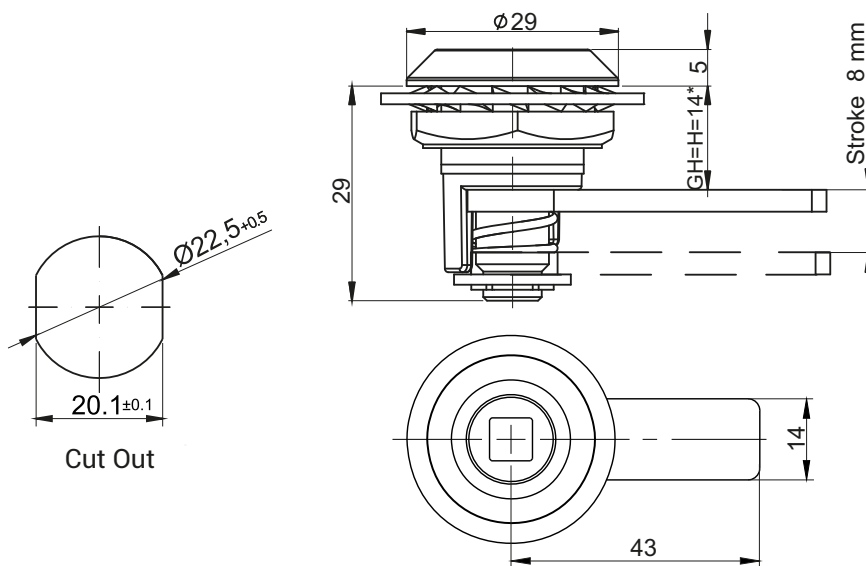


RoHS



Insert			Finish [C]			
			Chrome	Nickel	RAL 9005	RAL 7035
T9	KW 8	S	01	02	04	05

TYPE OF LOCK	COMPONENTS	MATERIAL
M19DC	Housing	ZAMAK5
	Cam, insert	Steel zinc plated

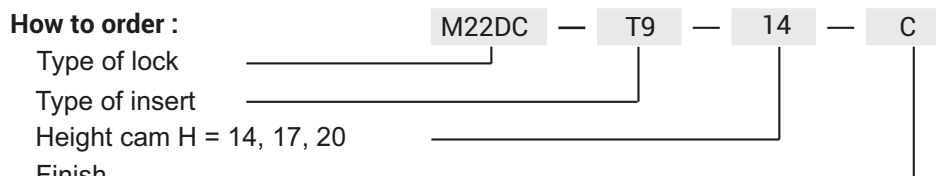


RoHS



Insert			Finish [C]			
			Chrome	Nickel	RAL 9005	RAL 7035
T9	KW 8	S	01	02	04	05

TYPE OF LOCK	COMPONENTS	MATERIAL
M22DC	Housing	ZAMAK5
	Cam, insert	Steel zinc plated

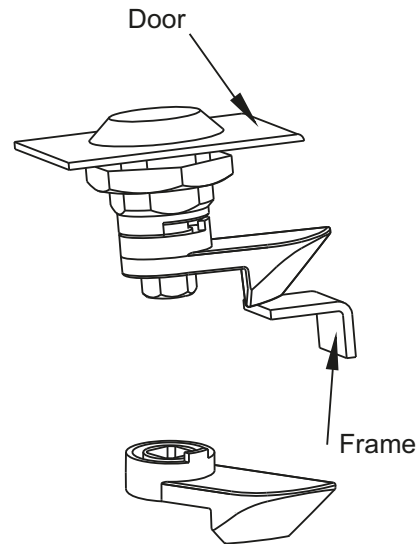
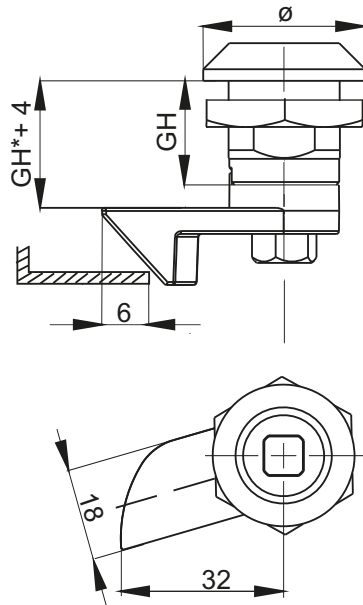


* possibility to make in another dimension

LH



Lock with cam on left version

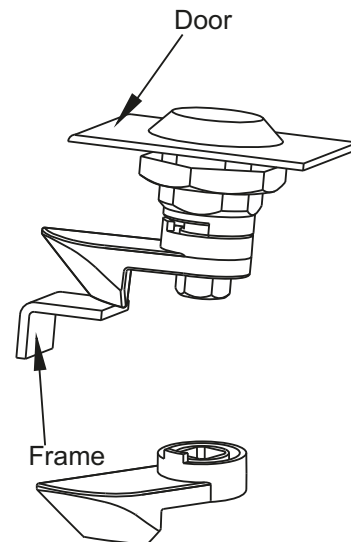
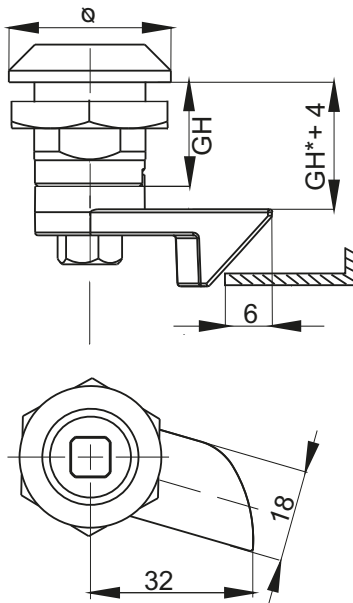


CATALOGUE NUMBER	COMPONENTS	MATERIAL
JZ-3522L	Left cam	ZAMAK 5

RH



Lock with cam on right version



CATALOGUE NUMBER	COMPONENTS	MATERIAL
JZ-3522P	Right cam	ZAMAK 5

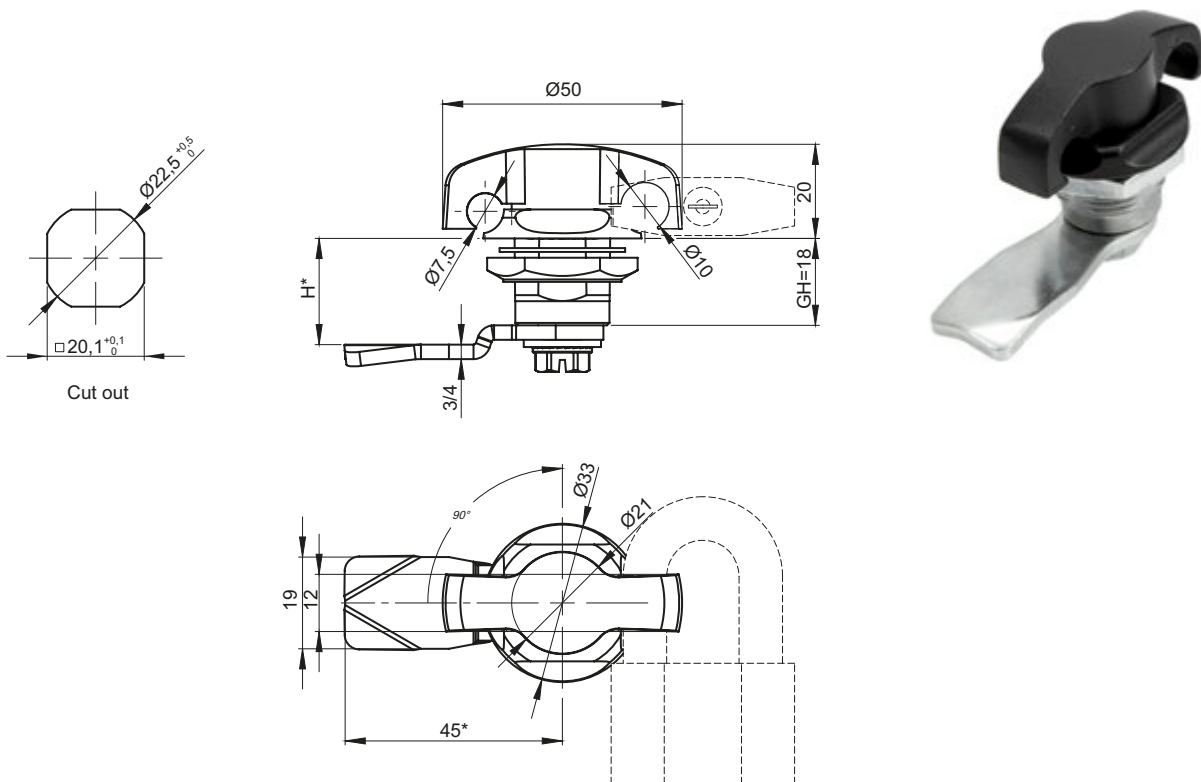
How to order :

To order lock with latching cam please:

1. The appropriate lock without cam - np. M22-KW8-BJ-01.
2. Latching cam - np JZ-3522P

THE LOCKS COMPATIBLE WITH CAM		
NAME	CATALOGUE NUMBER	HEIGHT GH [mm]
M22	2-4	18
M22-30	2-11	30
M22-60	2-12	60
M22K	2-7	32
Locking L	2-49	18, 30, 60
Locking T	2-50	18, 30, 60
Locking PM	2-47	18, 30, 60

Lock with padlockable mechanism



CATALOGUE NUMBER	COMPONENTS	MATERIAL	FINISH [C]
M22PM-K.1	Housing, Insert	ZAMAK	RAL 9005
	Cam	Steel	04
M22PM-K.2	Housing, Insert, Cam	Stainless steel	-

How to order: M22PM-K — H.G — C

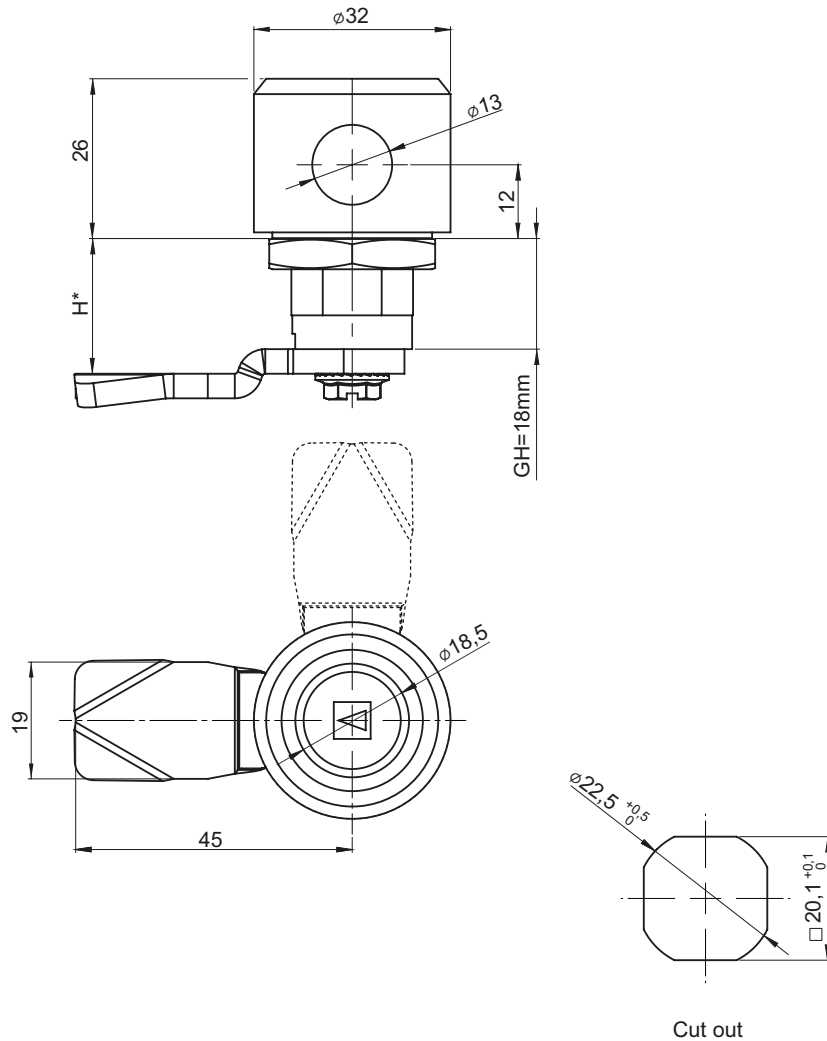
Type of lock _____
 Type of cam _____
 Finish _____

Notes:

Lock M22PM-K is compatible with cams without limiter from groups: 15, 16, 18, 35, 36, JK-10018, J-6000.01, J-6000.02

H.G - the cam unbending dimension (H-locking height, G-group)

State the cam thickness at order.
 Padlock is not included.
 * different dimensions available

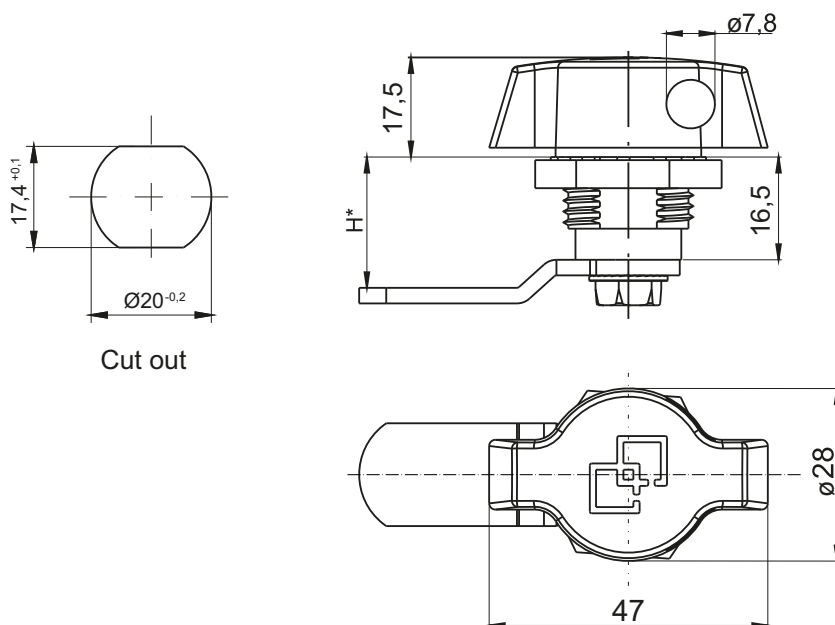


Inserts					
KW 6	KW 8	T8	T9	D3	HEX10
TYPE OF LOCK	COMPONENTS	MATERIAL	FINISH [C]		
			RAL 9005		
M22BK	Housing, Insert	ZAMAK	04		
	Cam	Zinc plated steel	-		



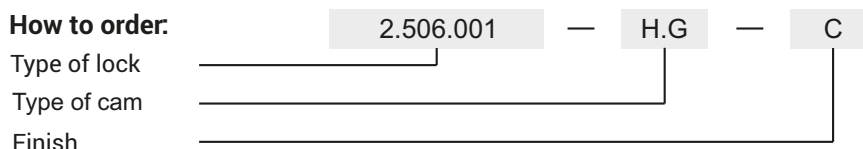
The lock is fitted with cams without the limiter from the group: 15, 19, 35 (pg. 1C-10, 12, 17), H.G - the cam unbending dimension (H-locking height, G-group)

Lock with padlockable mechanism

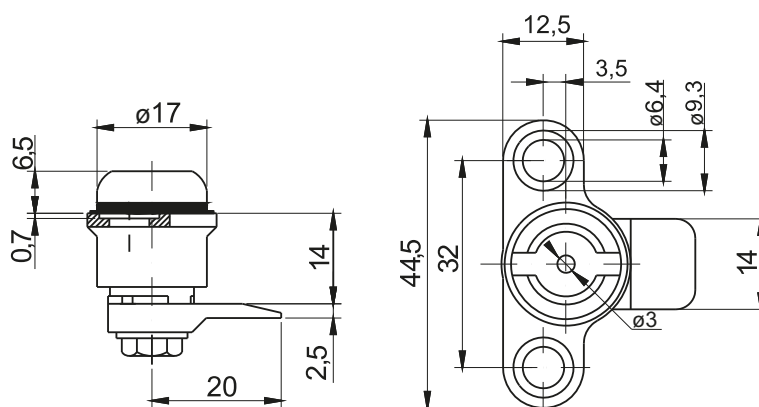


TYPE OF LOCK	COMPONENTS	MATERIAL	FINISH [C]
			Chrome
2.506.001	Housing, Knob	ZAMAK5	01
	Cam	Steel zinc plated	-

How to order:

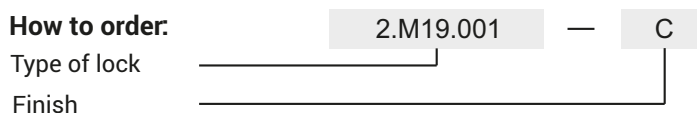


H.G - the cam unbending dimension (H-locking height, G-group) to be chosen from pages 1C-7 to 1C-20
The lock is fitted with cams from the group: 15, 16, 35, 36



TYPE OF LOCK	COMPONENTS	MATERIAL	FINISH [C]
			Nickel
2.M19.001	Housing, Cam	ZAMAK5	02

How to order:

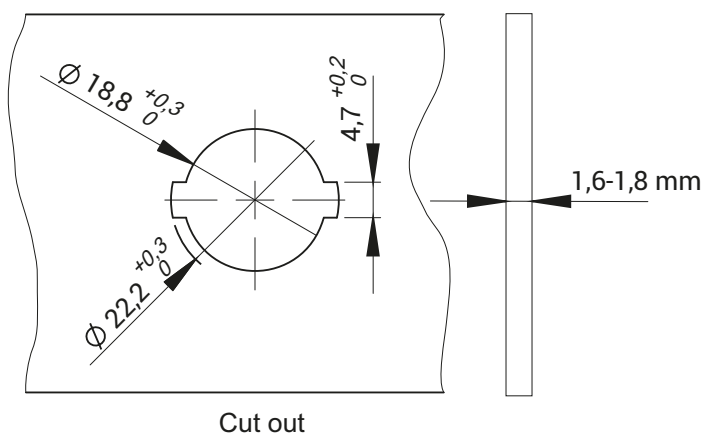
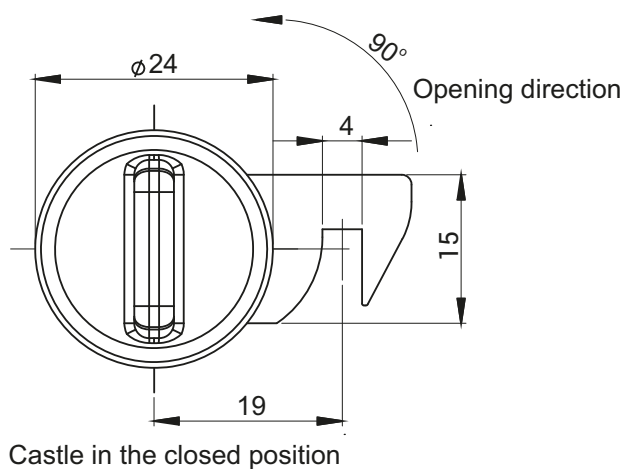
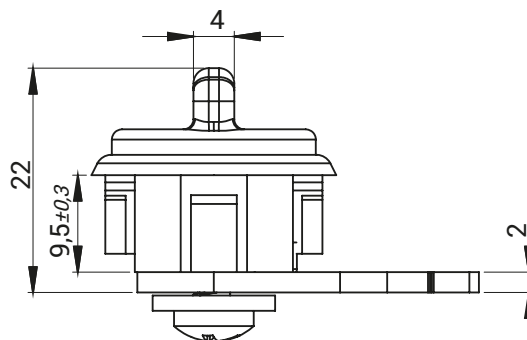




Left version
2.630.001



Right version
2.630.002



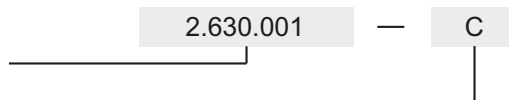
Note: The snap lock adapted to components made of plastic artificial.

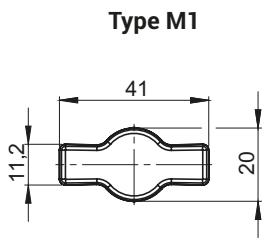
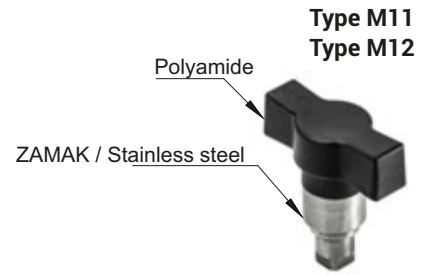
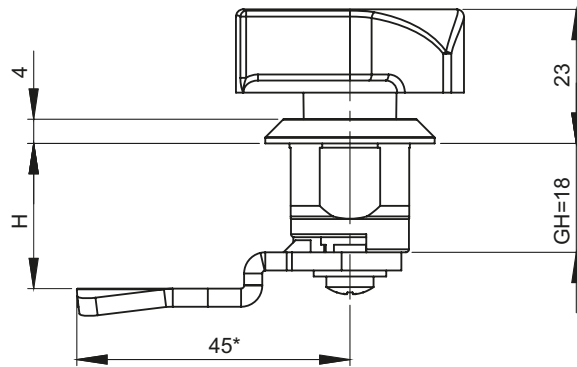
Lock automatically after opening back to the closed position.

TYPE OF LOCK	COMPONENTS	MATERIAL	FINISH [C]	
			RAL 9005	RAL 7035
2.630.001	Housing, insert	Polyamide	07	08
2.630.002	Cam	Steel zinc plated	-	-

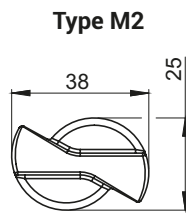
How to order:

Type of lock
Finish

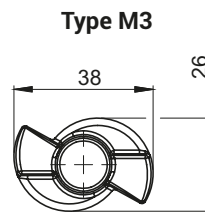




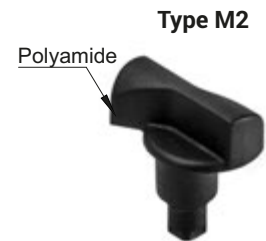
Type M1



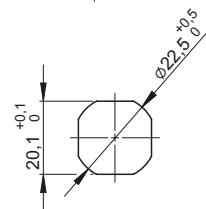
Type M2



Type M3



Type M2



Type M3

TYPE	Material		Knob finish [D]	
	Insert	Knob	Polyamide	
M11	ZAMAK	Polyamide	RAL 9005	RAL 7035
M12	Stainless steel	Polyamide	7	8

Finishing type of the body [C]										
ZAMAK 5							Polyamide		Stainless steel	
Chrome	Nickel	Galvanized	RAL 9005	RAL 7035	KTL	No coating	RAL 9005	RAL 7035	304	316
01	02	03	04	05	06	0	07	08	9.1	9.2

Type of nut [N]					
	ZAMAK 5	Polyamide	Steel	Stainless steel	
				304	316
Nut without earthing	11	12	13	14	15
Nut with earthing	21	-	23	24	25

How to order :

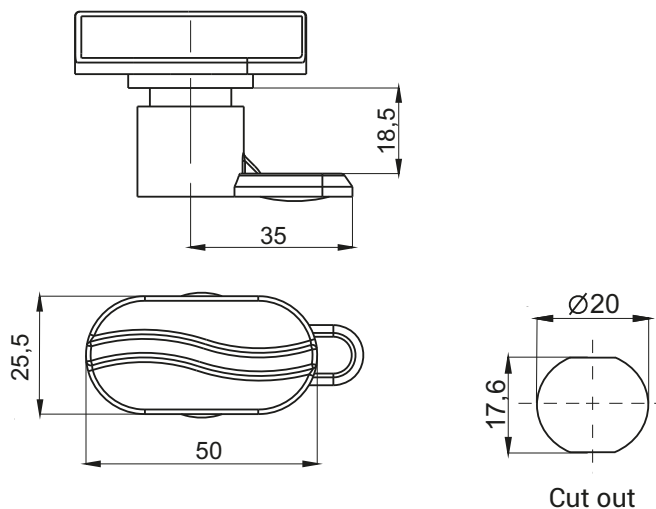


meaning:

- D - designation of the material for housing and finish (for inserts M1, M2, M3 available finishing 7 and 8),
- N - type of nut
- H.G - cam bended dimension

Notice:

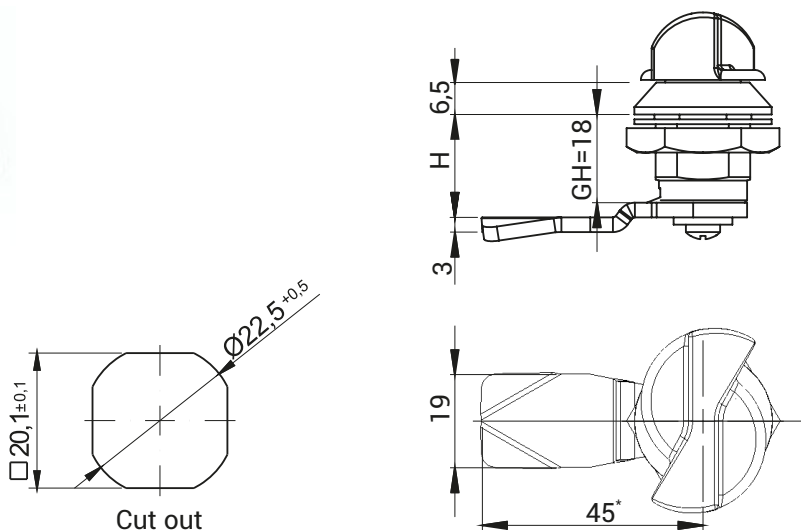
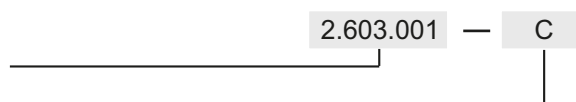
The lock M22-3 is fitted with cams from the group: 11, 12, 13, 14, 18, 31, 32, 33, 34, JZ-002, JK-1610. dimension HG should be chosen from pages from 1C-7 to 1C-20. Insert M3 is assembled on insert T13. Inserts M1, M2, M3 are available with the finish 7 and 8 (RAL 9005 and RAL 7035).



TYPE OF LOCK	COMPONENTS	MATERIAL	FINISH [C]	
			RAL 9005	07
2.603.001	Housing, insert	Polyamide		

How to order :

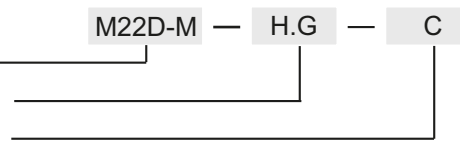
Type of lock
Finish



TYPE OF LOCK	COMPONENTS	MATERIAL	FINISH [C]	
			RAL 9005	RAL 7035
M22D-M	Housing, insert	Polyamide	07	08
	Cam	Steel zinc plated	-	-

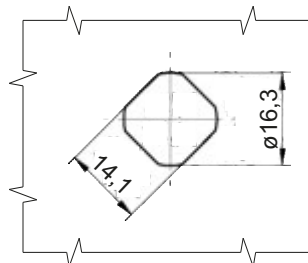
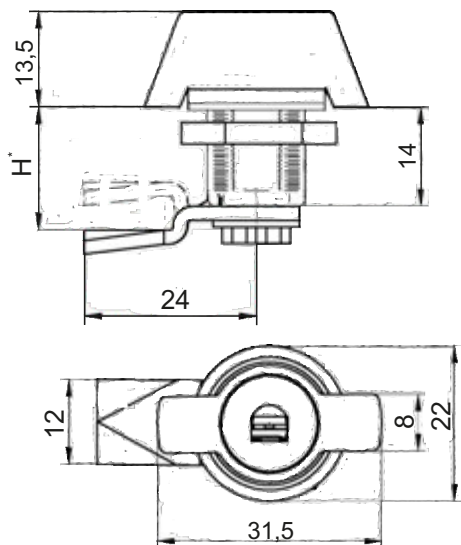
How to order :

Type of lock
Type of cam (page 1C-7 - 1C-22)
Colour (RAL 9005, RAL 7035)



* possibility to order in another dimension

H.G - the cam unbending dimension (H-locking height, G-group)



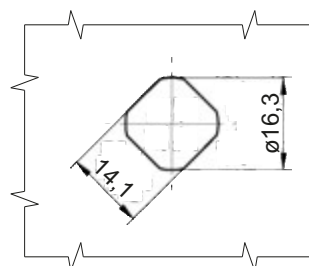
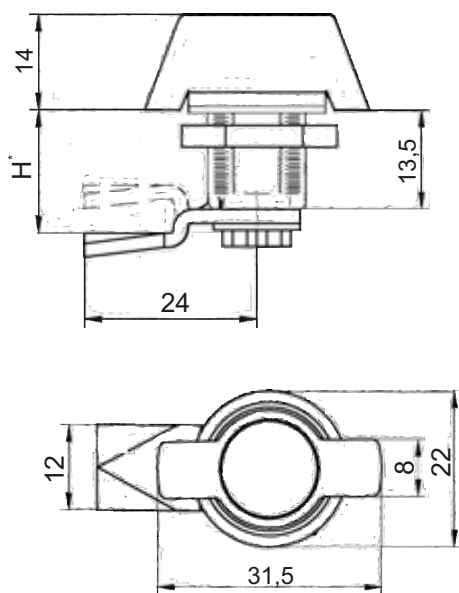
Cut out



Note: The lock is mounted with the key code 2233X

CATALOGUE NUMBER	COMPONENTS	MATERIAL	FINISH [C]	
			Chrome	RAL 9005
2.616.001-H	Housing	ZAMAK5	-	04
	Cam	Steel zinc plated	-	04
2.616.101-H	Housing	ZAMAK5	01	-
	Cam	Steel zinc plated	01	-

* possibility to order in another dimension

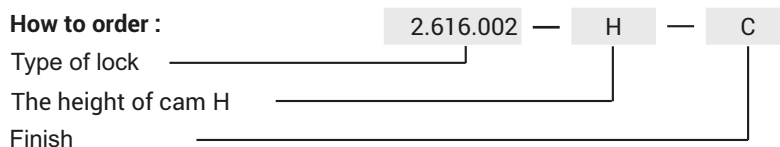


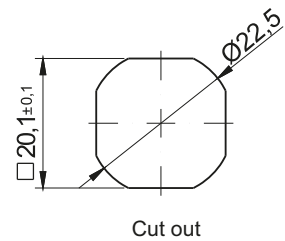
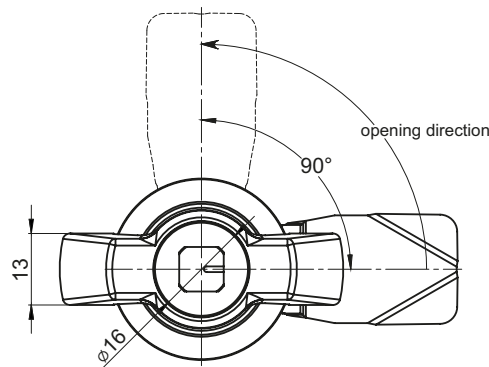
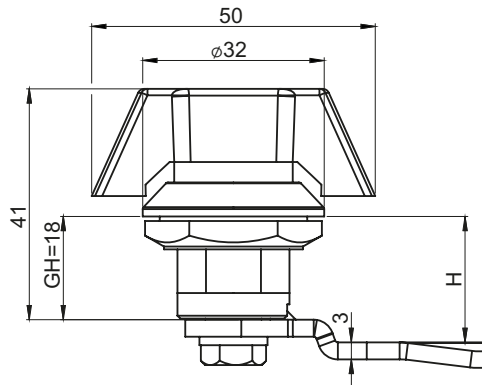
Cut out



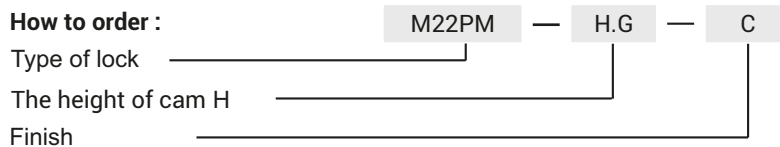
CATALOGUE NUMBER	COMPONENTS	MATERIAL	FINISH [C]	
			Chrome	RAL 9005
2.616.002-H	Housing	ZAMAK5	-	04
	Cam	Steel zinc plated	-	04
2.616.102-H	Housing	ZAMAK5	01	-
	Cam	Steel zinc plated	01	-

* possibility to order in another dimension

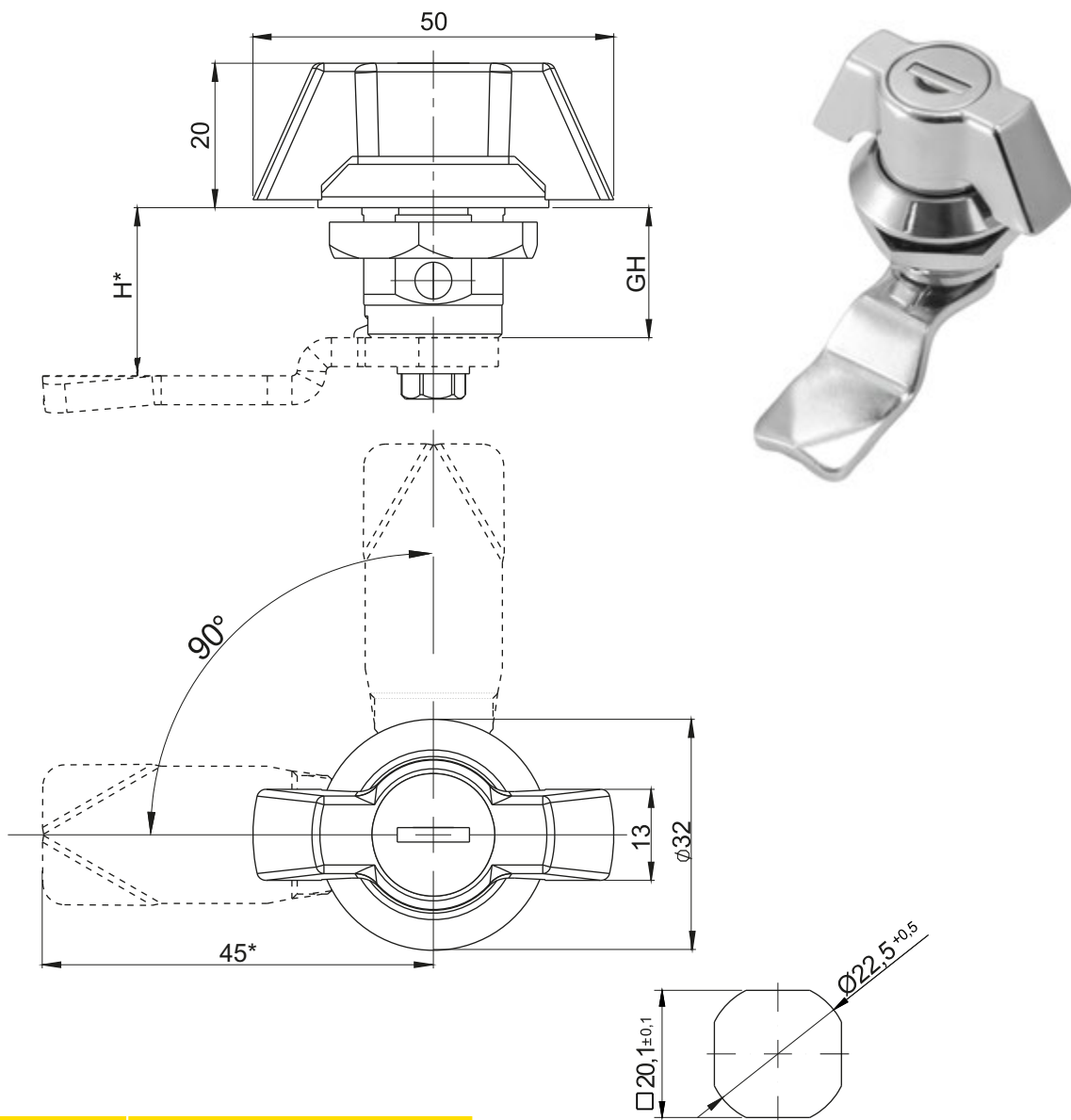




Inserts		Finish [C]	
		Chrome	RAL 9005
T8	KW 8	01	04
TYPE OF LOCK	COMPONENTS		MATERIAL
M22PM	Housing, Knob		ZAMAK5
	Insert		Steel
	Cam		Zinc plated steel



H.G - the cam unbending dimension (H-locking height, G-group)
 The lock is fitted with cams from the group: 12, 18, 32 (pg. 1C-8. 1C-12, 1C-15).
 The lock can be opened in emergency by wing knob.
 standard opening with the key T8 or KW8 (pg. 2A-97 to 2A-100).



Cut out

NAME	COMPONENTS
Housing, knob	ZAMAK5
Cam	Steel zinc plated

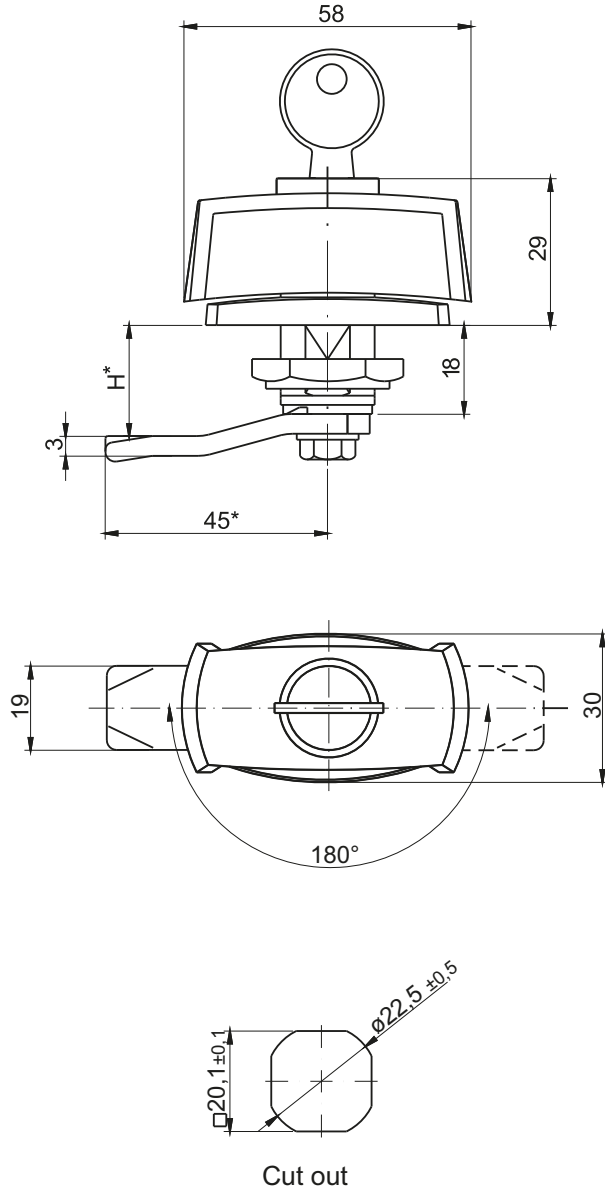
NAME	CATALOGUE NUMBER			FINISH [C]
	Cylinder 1333	Cylinder - RK	Without cylinder	
PM 18 (GH=18)	2.PM18.002	2.PM18.004	2.PM18.006	RAL9005
	2.PM18.001	2.PM18.003	2.PM18.005	Chrome
PM 30 (GH=30)	2.PM30.002	2.PM30.004	2.PM30.006	RAL9005
	2.PM30.001	2.PM30.003	2.PM30.005	Chrome
PM 40 (GH=40)	2.PM40.002	2.PM40.004	2.PM40.006	RAL9005
	2.PM40.001	2.PM40.003	2.PM40.005	Chrome
PM 60 (GH=60)	2.PM60.002	2.PM60.004	2.PM60.006	RAL9005
	2.PM60.001	2.PM60.003	2.PM60.005	Chrome

How to order :

Catalogue number 2.PM30.003 — H.G
 Height cam H (1C-7 - 1C-20)

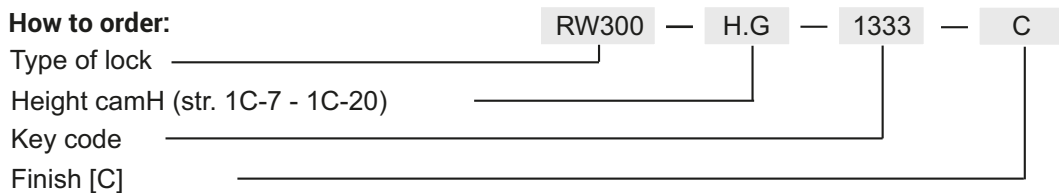
* possibility to order in another dimension

The lock is fitted with cams from the group: 11, 12, 13, 14, 18, 31, 32, 33, 34, 38, JZ-002, JK-1610.01 (page 1C-7 - 1C-20)

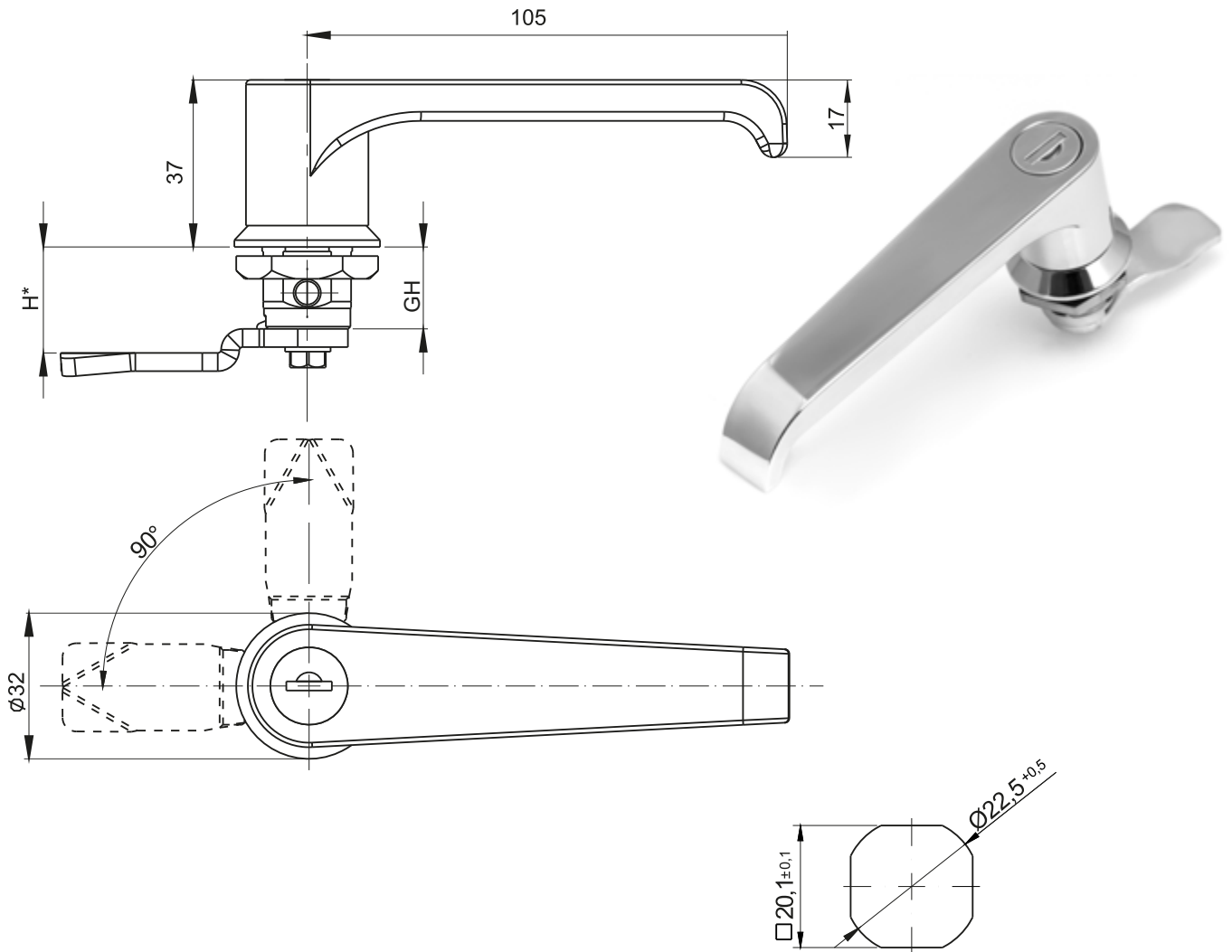


TYPE OF LOCK	COMPONENTS	MATERIAL	FINISH [C]	
			RAL 9005	RAL 7035
RW300	Housing, knob	Polyamide	07	08
	Cam	Steel zinc plated	-	-

How to order:



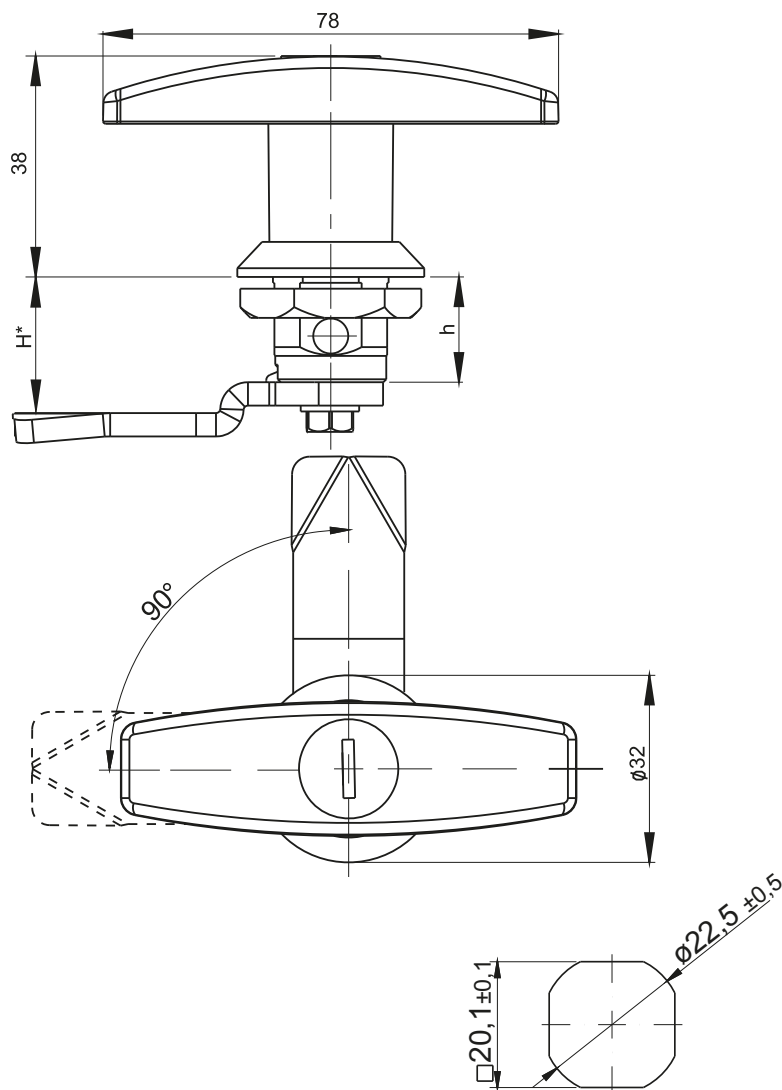
* possibility to order in another dimension
 H.G - the cam unbending dimension (H-locking height, G-group)
 The lock is fitted with cams from the group: 11, 12, 13, 14, 18, 31, 32, 33, 34, 38, JZ-002, JK-1610.01 (page 1C-7 - 1C-20)



NAME	COMPONENTS			
Housing, knob	ZAMAK5**			
Cam	Steel zinc plated**			
NAME	CATALOGUE NUMBER			FINISH [C]
	Cylinder 1333	Cylinder - RK	Without cylinder	
L 18 (GH=18)	2.L18.002	2.L18.004	2.L18.006	RAL 9005
	2.L18.001	2.L18.003	2.L18.005	Chrome
L 30 (GH=30)	2.L30.002	2.L30.004	2.L30.006	RAL 9005
	2.L30.001	2.L30.003	2.L30.005	Chrome
L 40 (GH=40)	2.L40.002	2.L40.004	2.L40.006	RAL 9005
	2.L40.001	2.L40.003	2.L40.005	Chrome
L 60 (GH=60)	2.L60.002	2.L60.004	2.L60.006	RAL 9005
	2.L60.001	2.L60.003	2.L60.005	Chrome

How to order :
 Catalogue number 2.L30.003 — H.G
 Height cam H (1C-7 - 1C-20)

* possibility to order in another dimension
 ** possibility to use stainless steel 1.4404
 The lock is fitted with cams from the group: 11, 12, 13, 14, 18, 31, 32, 33, 34, 38, JZ-002, JK-1610.01 (page 1C-7 - 1C-20)

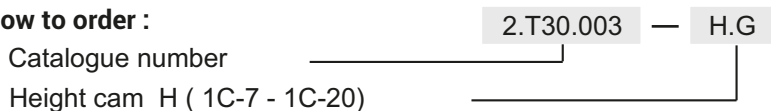


NAME	COMPONENTS
Housing, handle	ZAMAK5**
Cam	Steel zinc plated**

Cut out

NAME	CATALOGUE NUMBER			FINISH [C]
	Cylinder 1333	Cylinder - RK	Without cylinder	
T 18 (GH=18)	2.T18.002	2.T18.004	2.T18.006	RAL 9005
	2.T18.001	2.T18.003	2.T18.005	Chrome
T 30 (GH=30)	2.T30.002	2.T30.004	2.T30.006	RAL 9005
	2.T30.001	2.T30.003	2.T30.005	Chrome
T 40 (GH=40)	2.T40.002	2.T40.004	2.T40.006	RAL 9005
	2.T40.001	2.T40.003	2.T40.005	Chrome
T 60 (GH=60)	2.T60.002	2.T60.004	2.T60.006	RAL 9005
	2.T60.001	2.T60.003	2.T60.005	Chrome

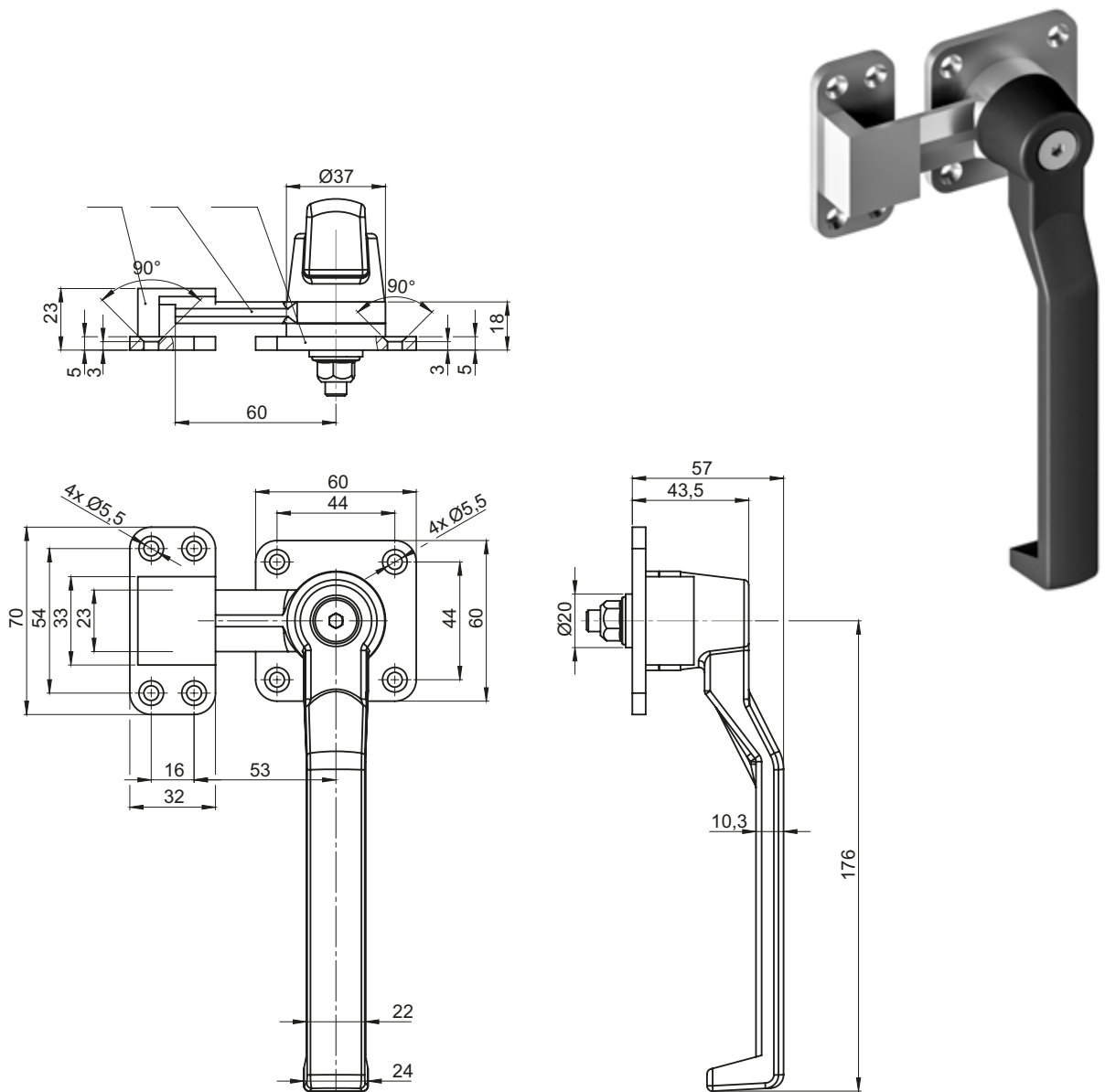
How to order :



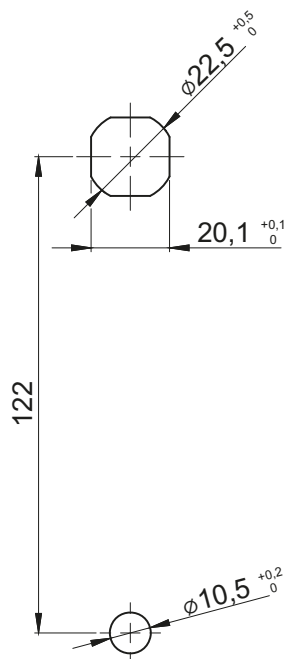
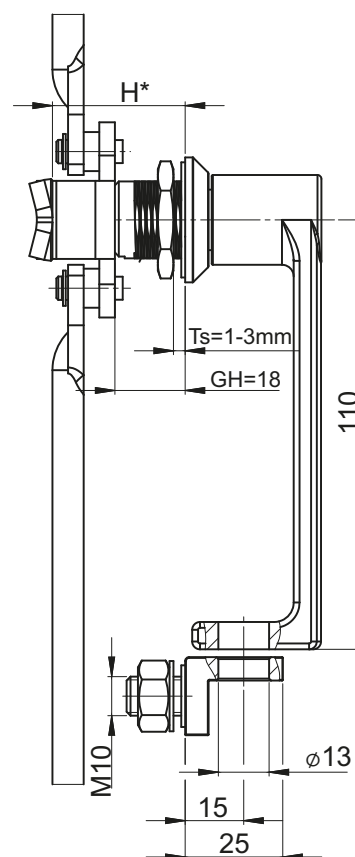
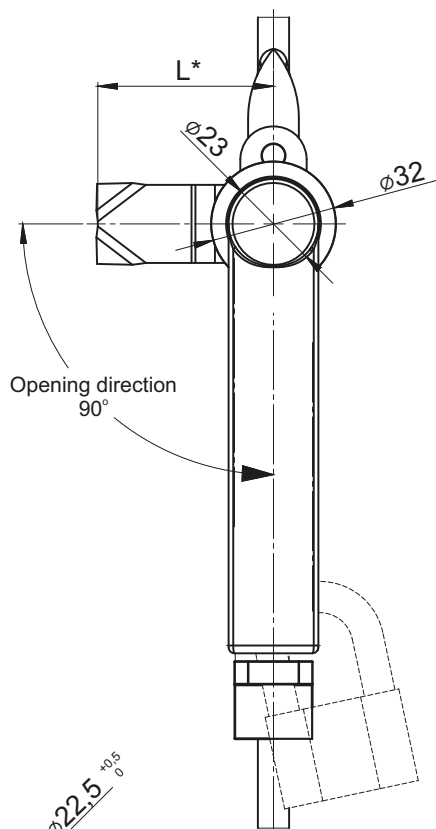
* possibility to order in another dimension

** possibility to use stainless steel 1.4404

The lock is fitted with cams from the group: 11, 12, 13, 14, 18, 31, 32, 33, 34, 38, JZ-002, JK-1610.01 (page 1C-7 - 1C-20)



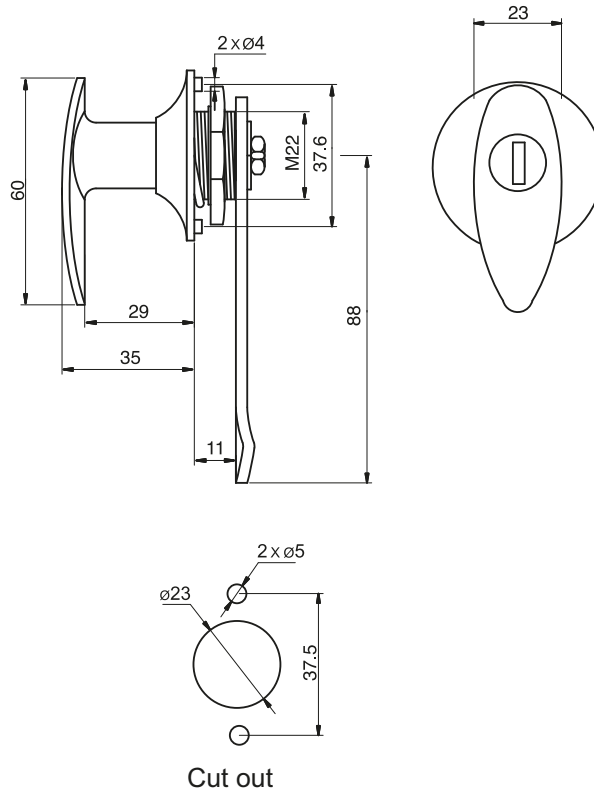
TYPE OF LOCK	COMPONENTS	MATERIAL	FINISH [C]
			RAL 9005
2.800.001	Handle	Aluminium	04
	Cam, Base, Grip	Steel zinc plated	-



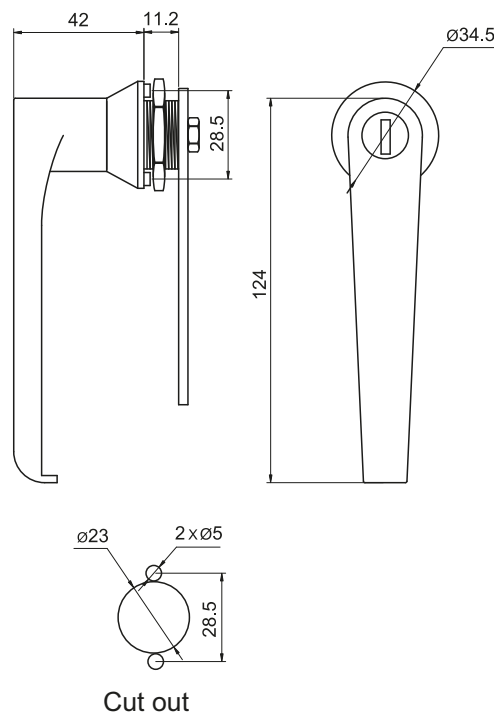
Cut out

The lock fitted to cams with fasteners form the group: 12, 32, (pg. 1C-8, 1C-15)
Rods page 1C-3, 1C-4,
Ts - thickness of a metal sheet

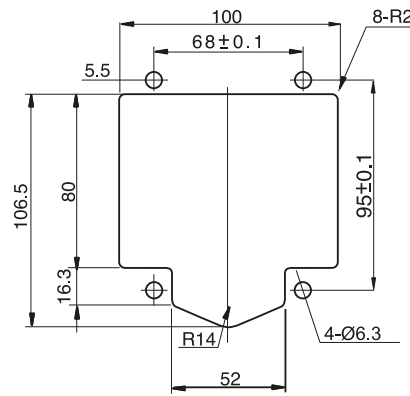
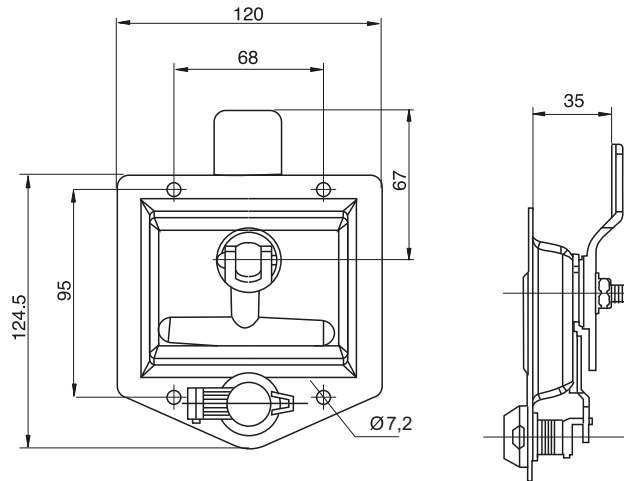
CATALOGUE NO.	COMPONENTS	MATERIAL	FINISH [C]
			RAL 9005
2.540.001	Handle, Housing, Blockade	ZAMAK	04
	Cam	Zinc plated steel	-



TYPE OF LOCK	KEY CODE	COMPONENTS	MATERIAL
2.531.001	101	Housing, cam	Stainless steel
2.531.101	-	Housing, cam	Stainless steel

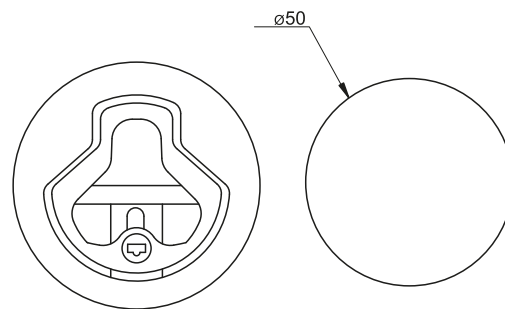
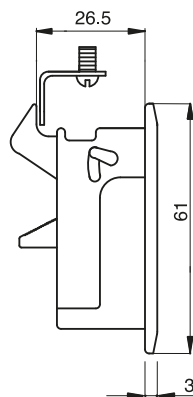


TYPE OF LOCK	KEY CODE	COMPONENTS	MATERIAL
2.532.001	101	Housing, cam	Stainless steel
2.532.101	-	Housing, cam	Stainless steel



Cut out

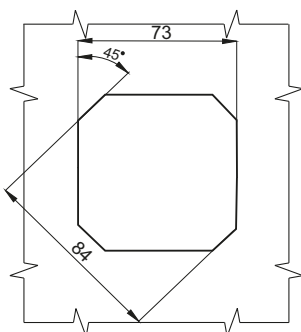
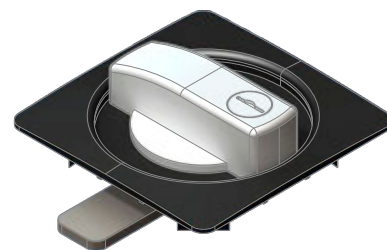
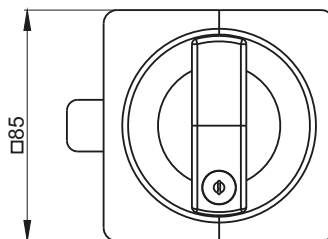
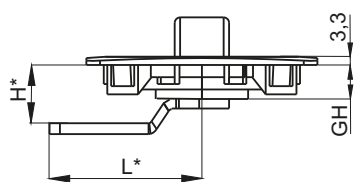
TYPE OF LOCK	COMPONENTS	MATERIAL
2.526.001	Housing	Stainless steel
	Blocade	ZAMAK5



Cut out

Note: Includes 1 pair of keys
Lock sold with cylinder

TYPE OF LOCK	COMPONENTS	MATERIAL
2.544.001	Housing	Stainless steel
	Handle	

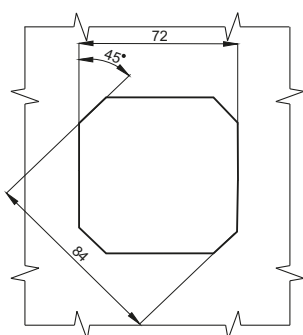
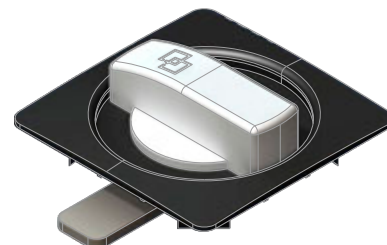
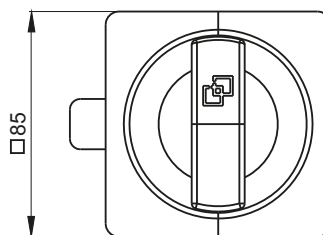
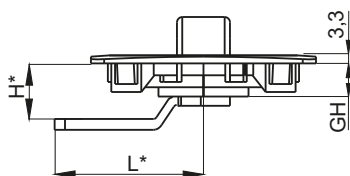


Cut out

	Cam 1 pkt	Cam 2 pkt	Cam 3 pkt
H	GH=12,5		
2	601	625	631
3,5	602		632
6,5	603		633
9,5	604		634
12,5	605		635
15,5	606		636
18,5	607		637
21,5	608		638

Tab. The cam codes to order

TYPE OF LOCK	COMPONENTS	MATERIAL	FINISH [C]	
			Chrome	RAL 9005
2.608.001	Housing	Polyamide	-	07
	Handle	ZAMAK	01	-
	Cam	Steel zinc plated	-	-



Cut out

	Cam 1 pkt	Cam 2 pkt	Cam 3 pkt
H	GH=12,5		
2	601	625	631
3,5	602		632
6,5	603		633
9,5	604		634
12,5	605		635
15,5	606		636
18,5	607		637
21,5	608		638

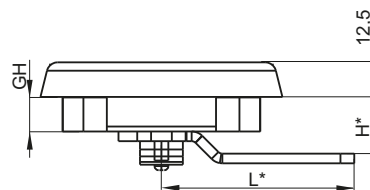
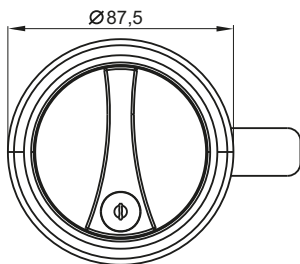
Tab. The cam codes to order

TYPE OF LOCK	COMPONENTS	MATERIAL	FINISH [C]	
			Chrome	RAL 9005
2.609.001	Housing	Polyamide	-	07
	Handle	ZAMAK	01	-
	Cam	Steel zinc plated	-	-

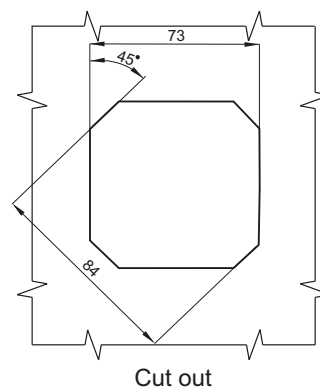
* possibility to order in another dimension

How to order :
 Type of lock _____
 Type of cam _____
 Finish _____

2.609.001 — 601 — C

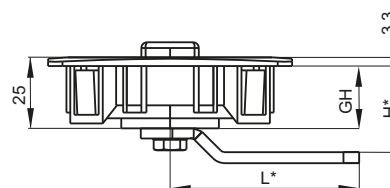
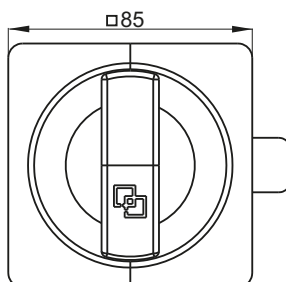
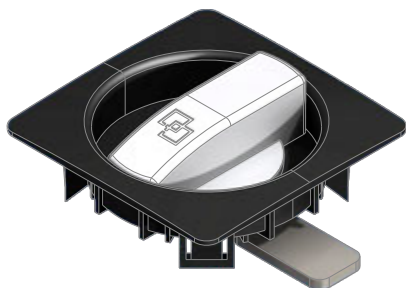


	Cam 1 pkt	Cam 2 pkt	Cam 3 pkt
H	GH=12,5		
2	601	625	631
3,5	602		632
6,5	603		633
9,5	604		634
12,5	605		635
15,5	606		636
18,5	607		637
21,5	608		638

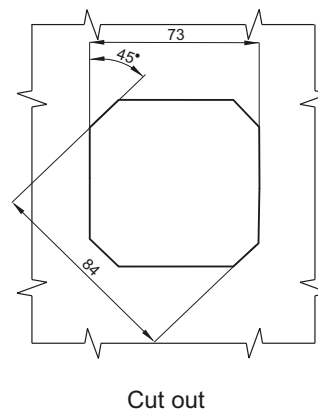


Tab.1 The cam codes to order

TYPE OF LOCK	COMPONENTS	MATERIAL	FINISH [C]	
			RAL 9005	RAL 7035
2.606.001	Housing	Polyamide	07	-
	Handle	ZAMAK5	-	05
	Cam	Steel zinc plated	-	-



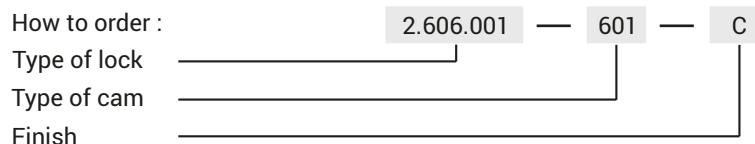
	Cam 1 pkt	Cam 2 pkt	Cam 3 pkt
H	GH=21,7		
11,2	601	625	631
12,7	602		632
15,7	603		633
18,7	604		634
21,7	605		635
24,7	606		636
27,7	607		637
30,7	608		638



Tab.1 The cam codes to order

TYPE OF LOCK	COMPONENTS	MATERIAL	FINISH [C]	
			Chrome	RAL 9005
2.607.001	Housing	Polyamide	-	07
	Handle	ZAMAK5	01	-
	Cam	Steel zinc plated	-	-

* possibility to order in another dimension

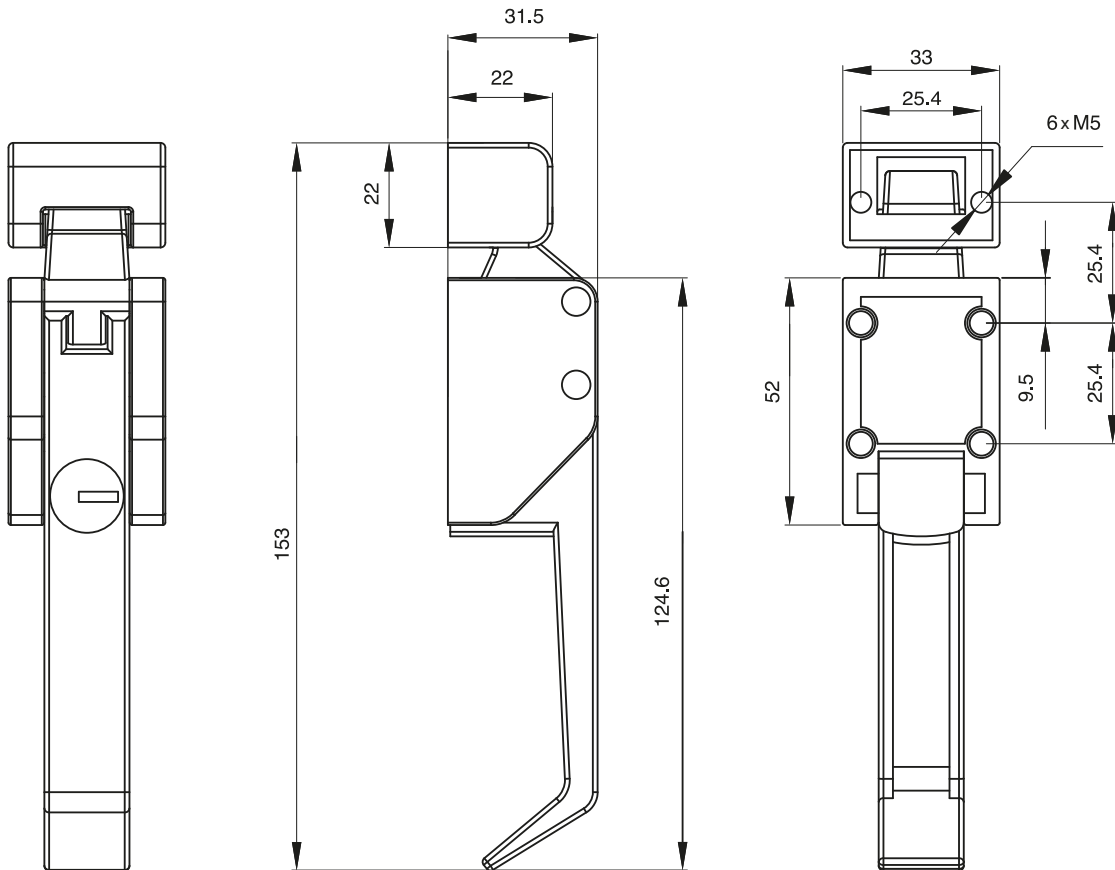




2.533.101

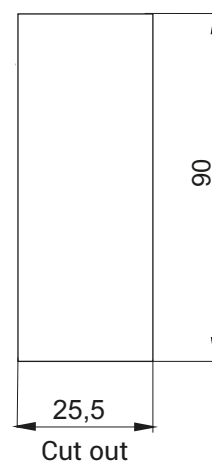
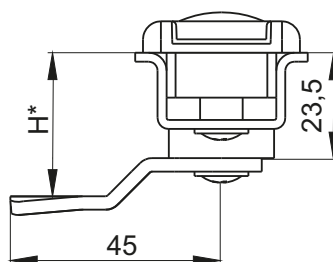
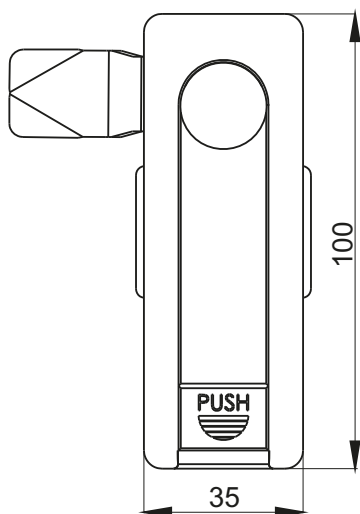


2.533.001



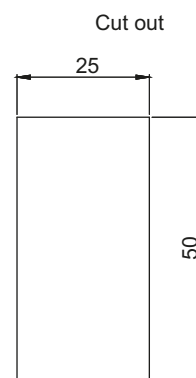
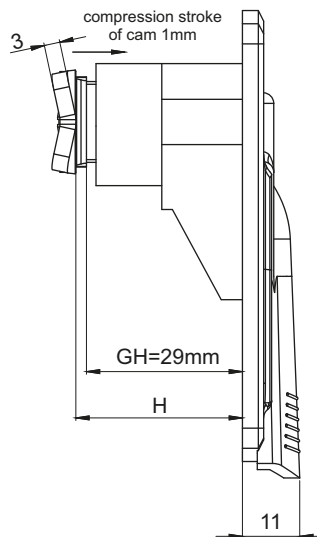
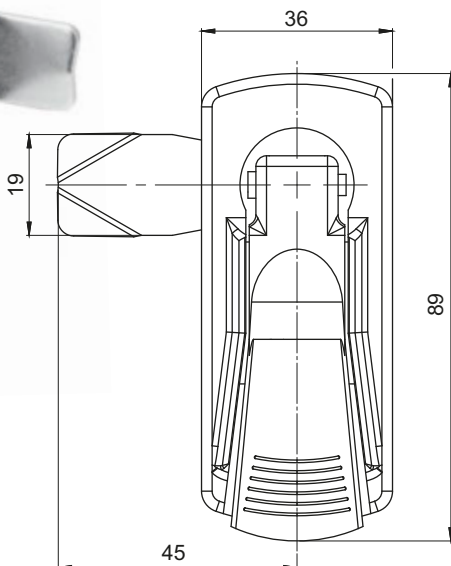
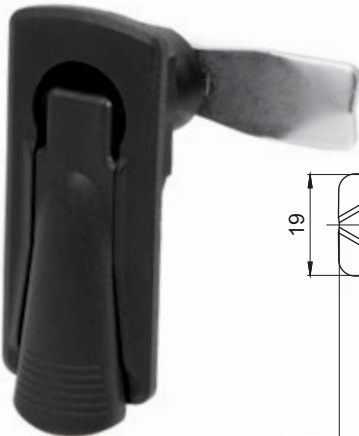
TYPE OF LOCK	COMPONENTS	MATERIAL	FINISH [C]
			RAL 9005
2.533.001	Housing	ZAMAK 5	04
2.533.101*			

* lock with patent insert



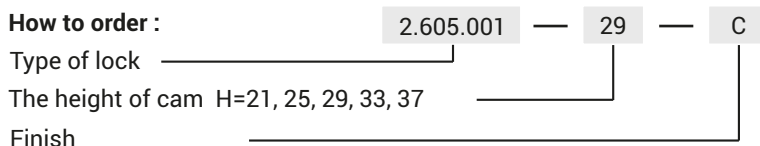
* By ordering specify the size H lock cam.

TYPE OF LOCK	COMPONENTS	MATERIAL	FINISH [C]
			RAL 9005
2.604.001	Housing, handle	Polyamide	07
	Cam	Stainless steel	-

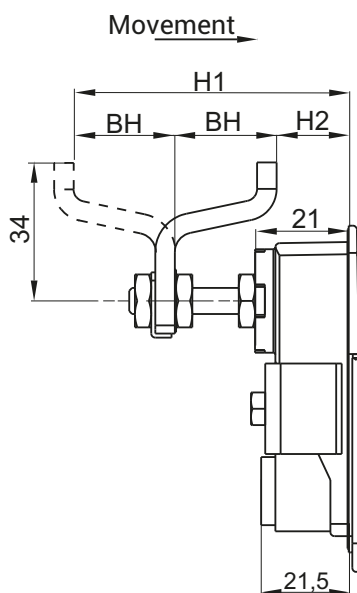
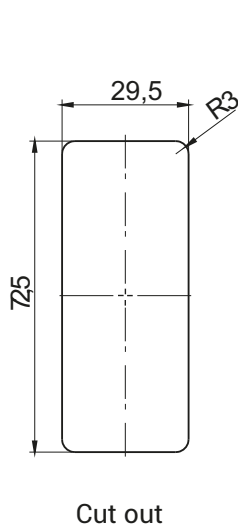
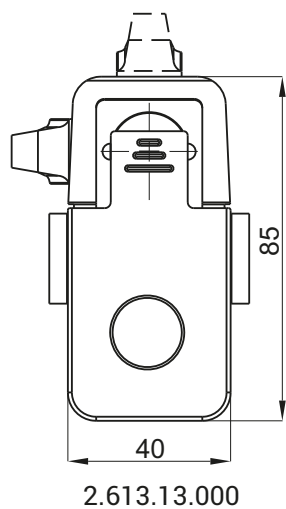
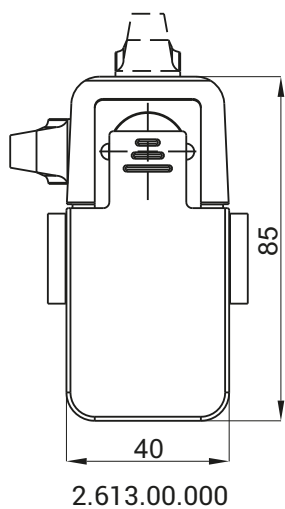


TYPE OF LOCK	COMPONENTS	MATERIAL	FINISH [C]
			RAL 9005
2.605.001	Handle, Housing	Polyamide	07
	Cam	Zinc plated steel	-

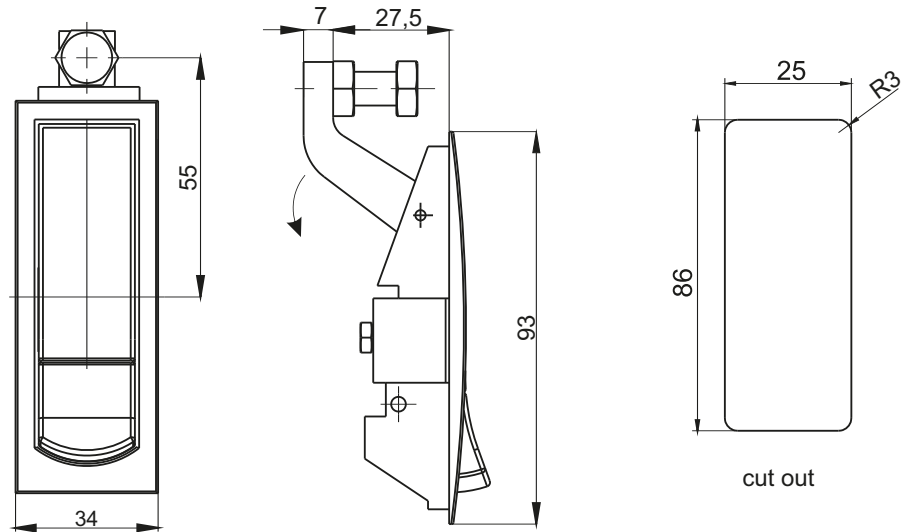
How to order :



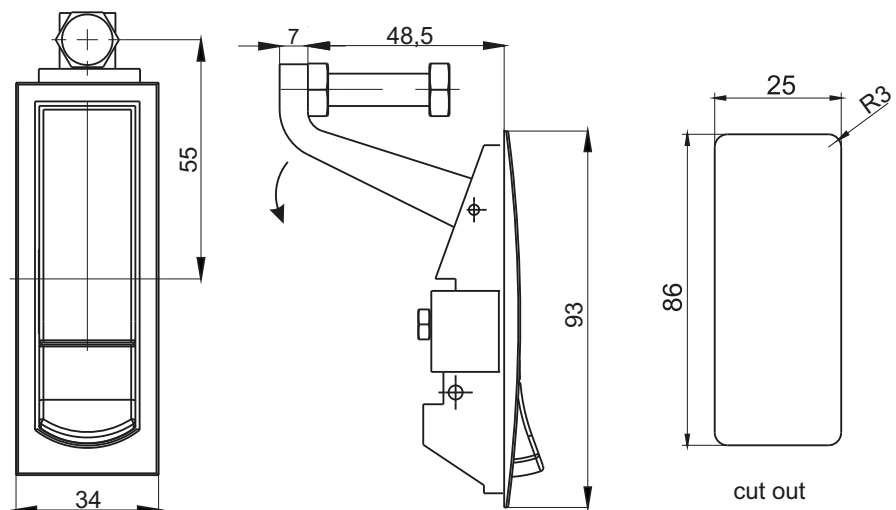
The lock has the stroke of the cam offsetting the clearance.



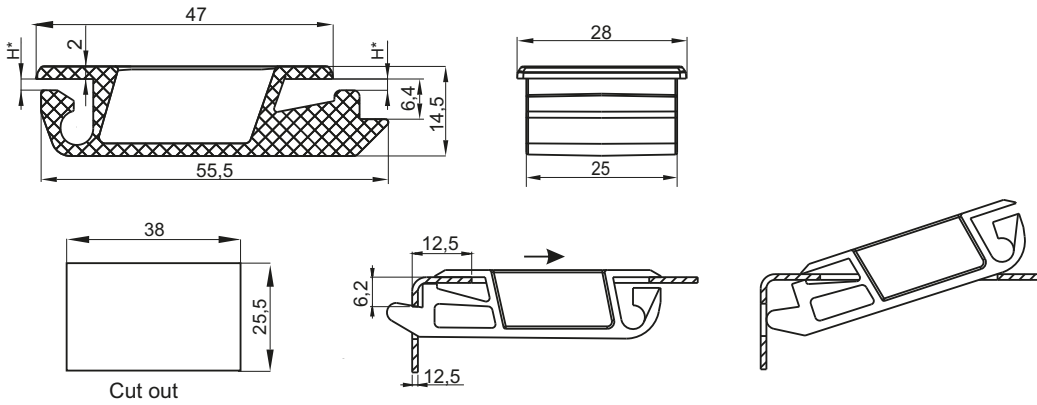
TYPE OF CYLINDER	CATALOGUE NUMBER				THE RANGE OF CAM	
	RAL 9005	04	Chrome	01	H2	H1
Without cylinder	2.613.00.110		2.613.00.130		6-16	56-66
	2.613.00.210		2.613.00.230		16-26	46-56
	2.613.00.310		2.613.00.330		26-36	56-46
Screwdriver	2.613.11.110		2.613.11.130		6-16	56-66
	2.613.11.210		2.613.11.230		16-26	46-56
	2.613.11.310		2.613.11.330		26-36	56-46
NAME	COMPONENTS			MATERIAL		
2.613.00.000	Housing, handle			ZAMAK5		
	Cam			Steel zinc plated		



CATALOGUE NUMBER	TYPE OF LOCK	COMPONENTS	MATERIAL	FINISH [C]	
				Chrome	RAL 9005
2.615.146.10	With cylinder	Housing	ZAMAK 5	-	04
2.615.346.10	Without cylinder				
2.615.146.30	With cylinder	Housing	ZAMAK 5	01	-
2.615.346.30	Without cylinder				



CATALOGUE NUMBER	TYPE OF LOCK	COMPONENTS	MATERIAL	FINISH [C]	
				Chrome	RAL 9005
2.615.124.10	With cylinder	Housing	ZAMAK 5	-	04
2.615.324.10	Without cylinder				
2.615.124.30	With cylinder	Housing	ZAMAK 5	01	-
2.615.324.30	Without cylinder				



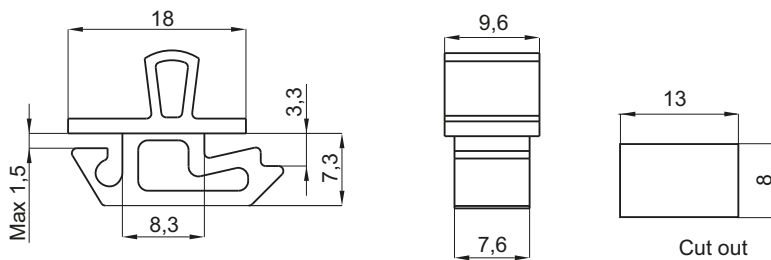
Cut out



Closing snap :

- 5.509.001A dedicated to sheet thickness 1,2 mm-1,6 mm
- 5.509.001B dedicated to sheet thickness 1,75 mm-2,2 mm

TYPE OF LOCK	DIMENSION [H]	COMPONENTS	MATERIAL	FINISH [C]	
				RAL9005	RAL7035
2.509.001A	1,8	Housing	Polyamide	07	08
2.509.001B	2,5	Housing	Polyamide	07	08



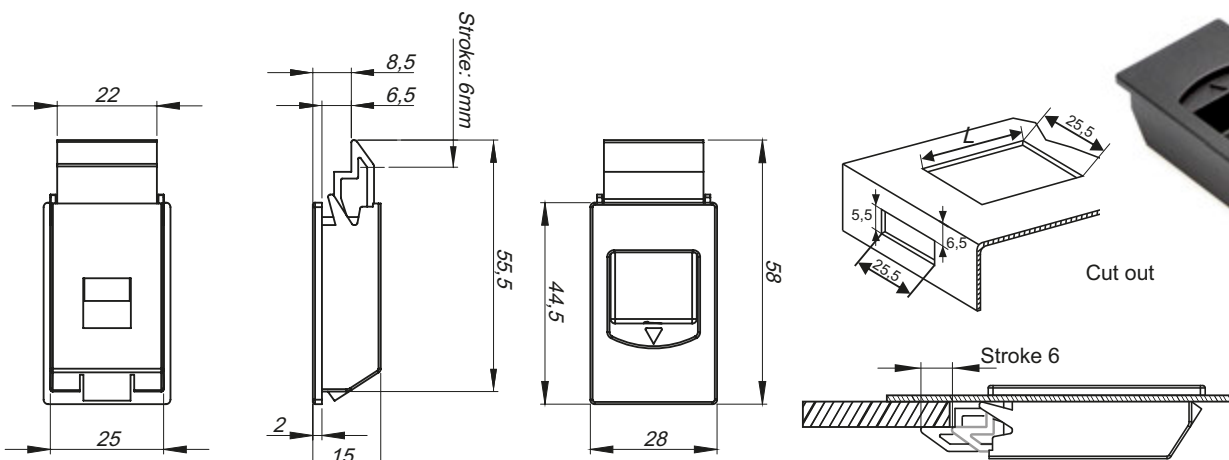
Cut out



Closing snap:

- 5.509.002 dedicated to sheet thickness 1 mm - 1,5 mm

TYPE OF LOCK	COMPONENTS	MATERIAL	FINISH [C]	
			RAL9005	RAL7035
2.509.002	Housing	Polyamide	07	08

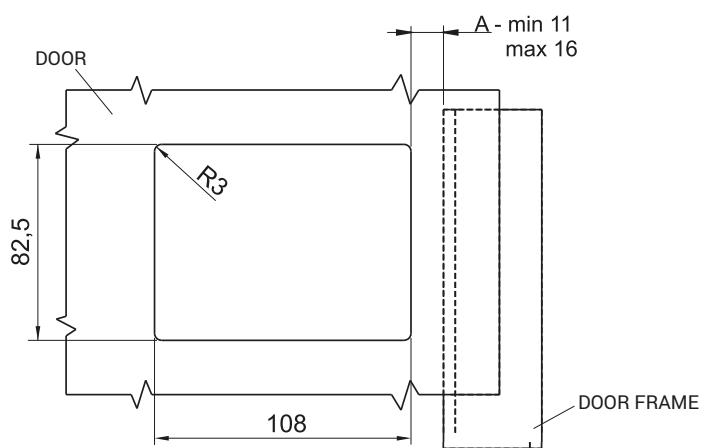
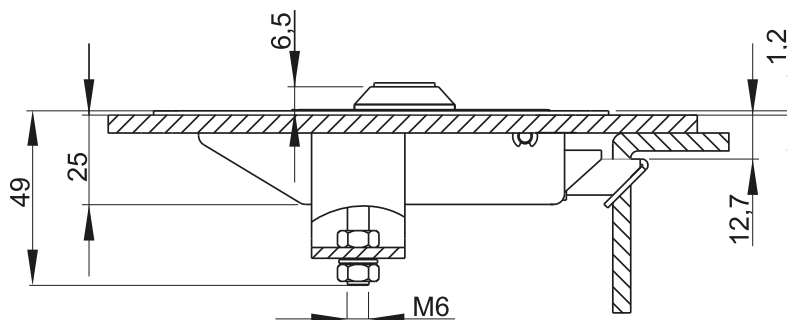
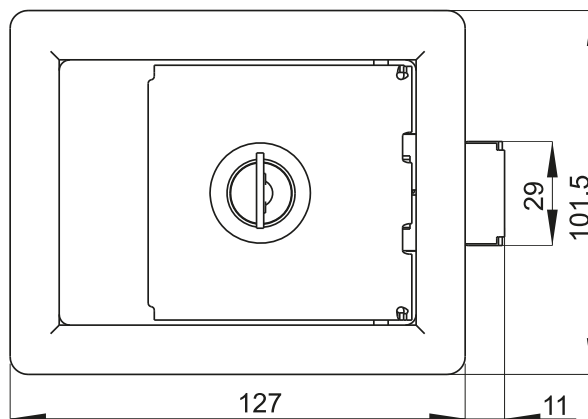


Cut out

For sheets: 0.8 - 1.6 mm L = 37.3 + 0.9 mm
For sheets: 1.7 - 2.0 mm L = 38.7 + 0.2 mm

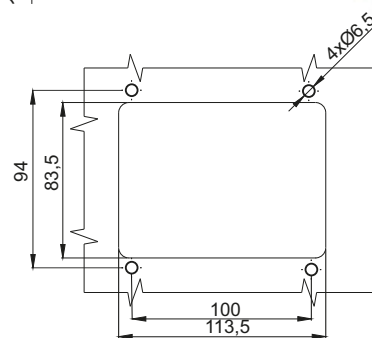
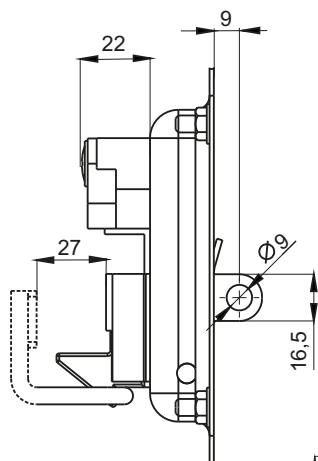
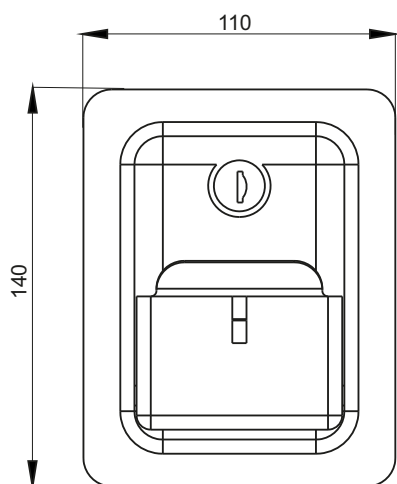
TYPE OF LOCK	COMPONENTS	MATERIAL	FINISH [C]	
			RAL9005	RAL7035
2.509.003	Housing, sliding portion	Polyamide	07	08

How to order : 2.509.001A — C
 Type of lock _____
 Finish _____



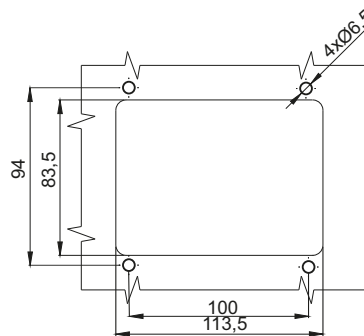
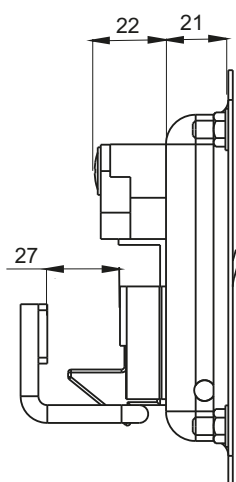
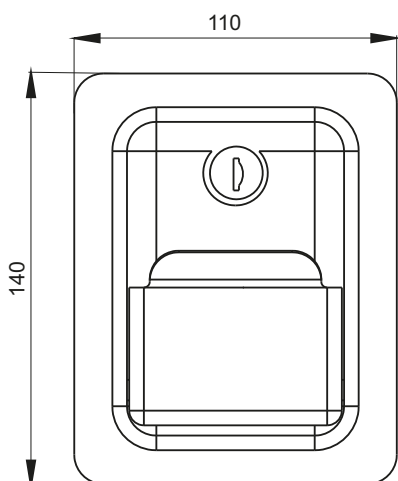
Cut out

TYPE OF LOCK	COMPONENTS	MATERIAL	FINISH [C]
			RAL 9005
2.511.001	Housing	Steel zinc plated	04
	Gasket	Elastomer	
2.511.001SN	Housing	Stainless steel	-
	Gasket	Elastomer	



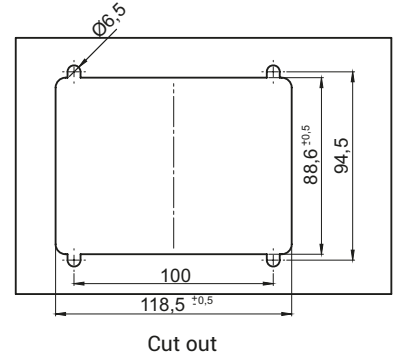
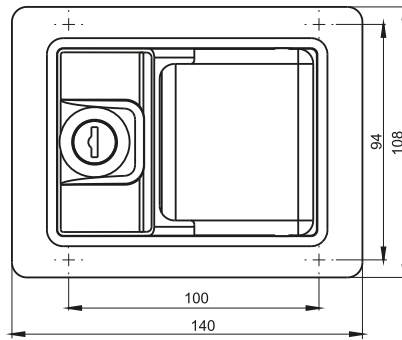
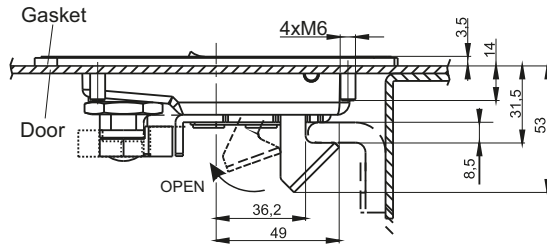
Cut out

TYPE OF LOCK	COMPONENTS	MATERIAL	FINISH [C]
			RAL 9005
2.610.001	Housing	Steel zinc plated	04
	Gasket	Elastomer	

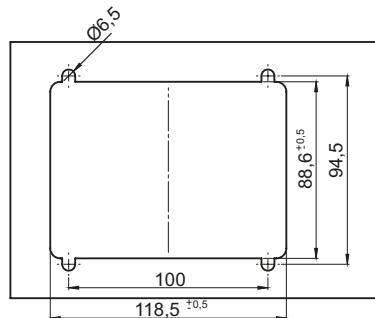
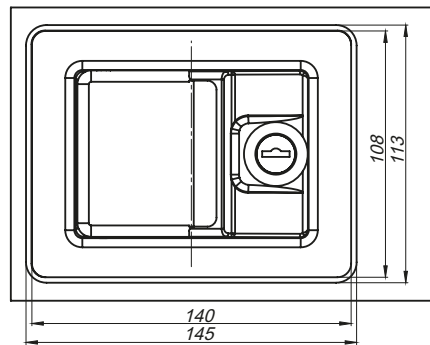
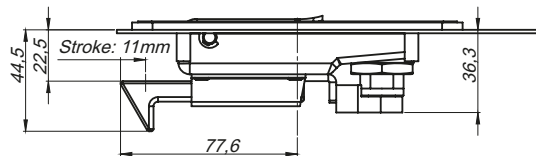


Cut out

TYPE OF LOCK	COMPONENTS	MATERIAL	FINISH [C]
			RAL 9005
2.610.002	Housing	Stainless steel	04
	Gasket	Elastomer	

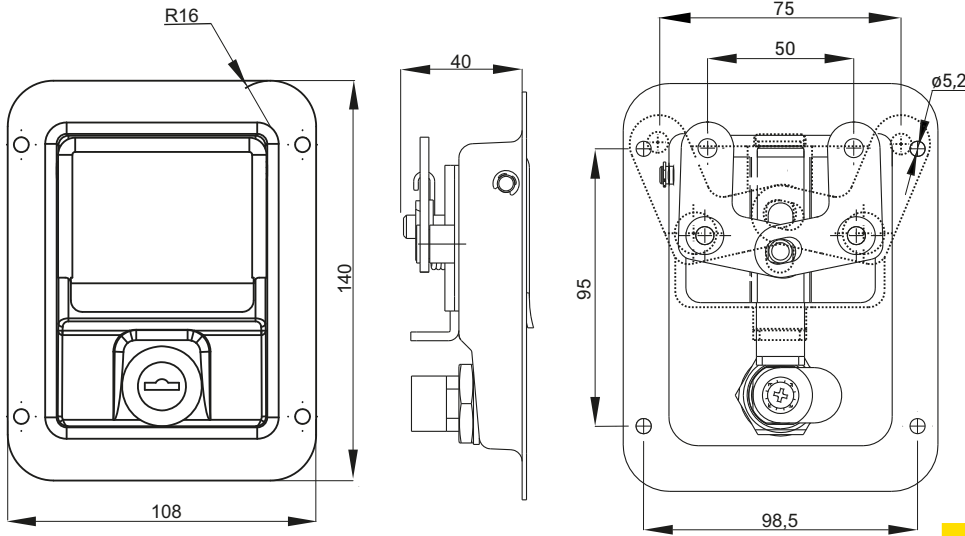


TYPE OF LOCK	COMPONENTS	MATERIAL	FINISH [C]
			RAL 9005
2.510.001	Housing	Steel zinc plated	04
	Gasket	Elastomer	

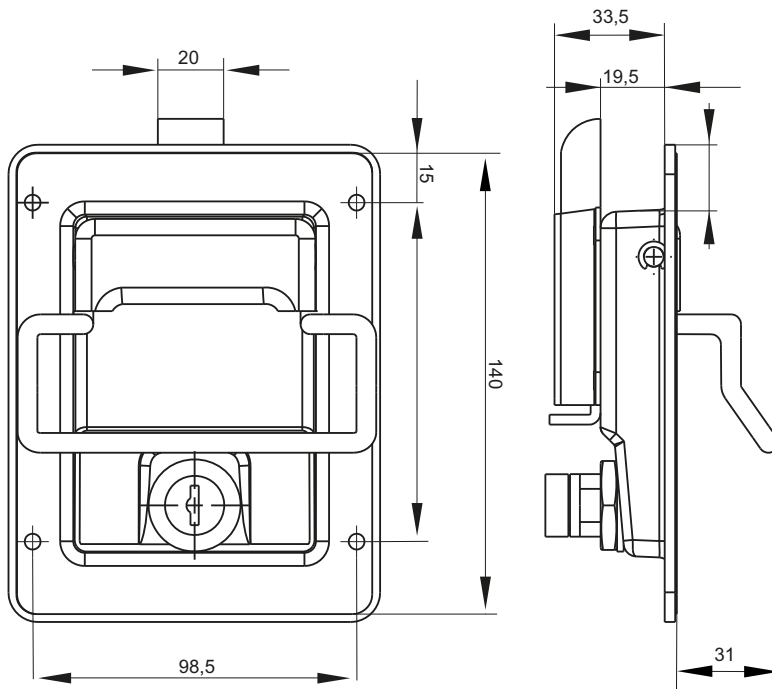


Cut out

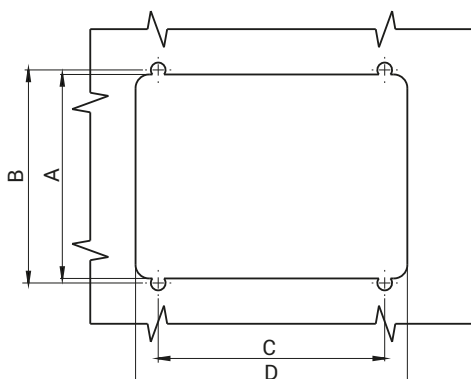
TYPE OF LOCK	COMPONENTS	MATERIAL	FINISH [C]
			RAL 9005
2.510.003	Housing	Steel zinc plated	04
	Gasket	Elastomer	



TYPE OF LOCK	COMPONENTS	MATERIAL	FINISH [C]
2.510.002	Housing	Stell zinc plated	RAL 9005
	Gasket	Elastomer	04

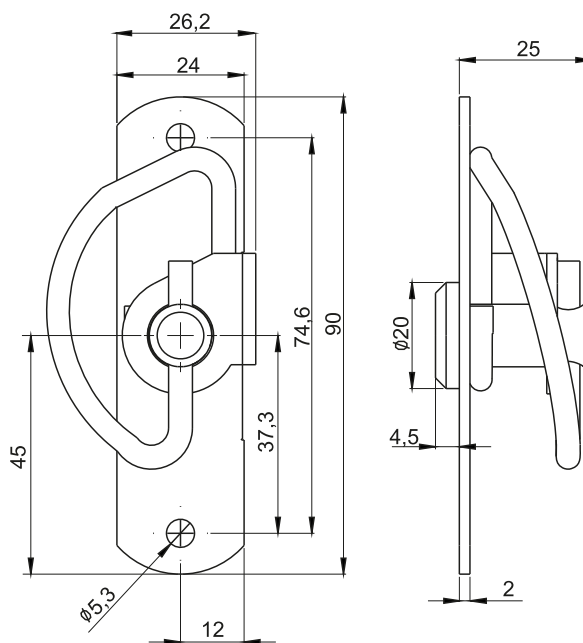


TYPE OF LOCK	COMPONENTS	MATERIAL	FINISH [C]
2.510.005	Housing	Stainless steel	RAL 9005
	Gasket	Elastomer	04

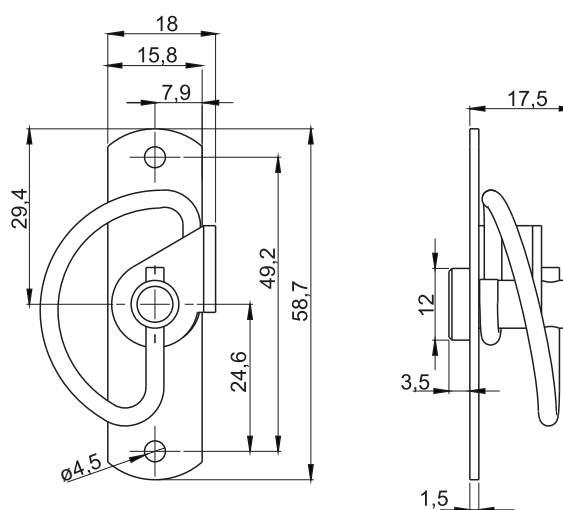


Cut out

NR	Dimension [mm]			
	A	B	C	D
2.510.002	90	95	98	120
2.510.005	80	98,5	103	113,5

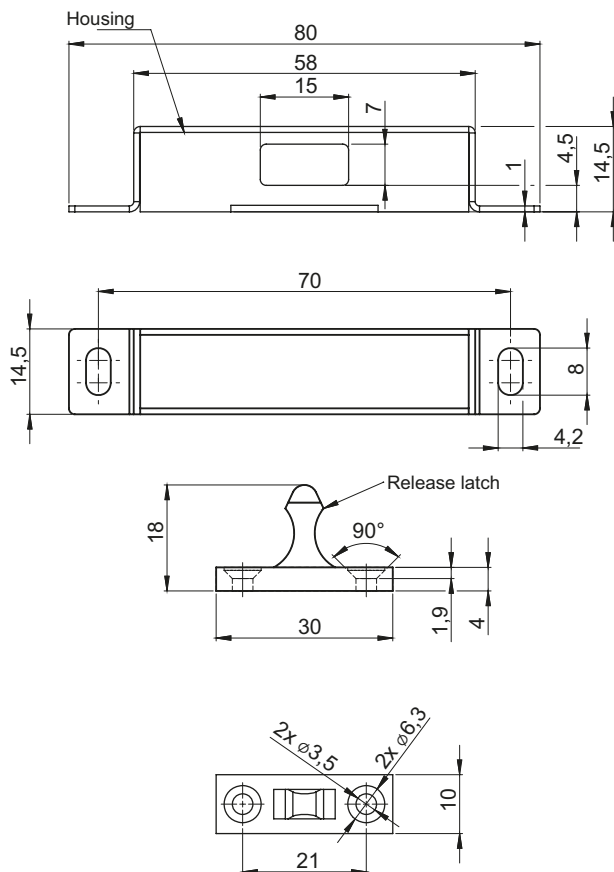


Inserts				
KW8	KW8 inner	T9	S	HEX6
TYPE OF LOCK		COMPONENTS		MATERIAL
2.504.001		Housing, insert Spring		Stainless steel

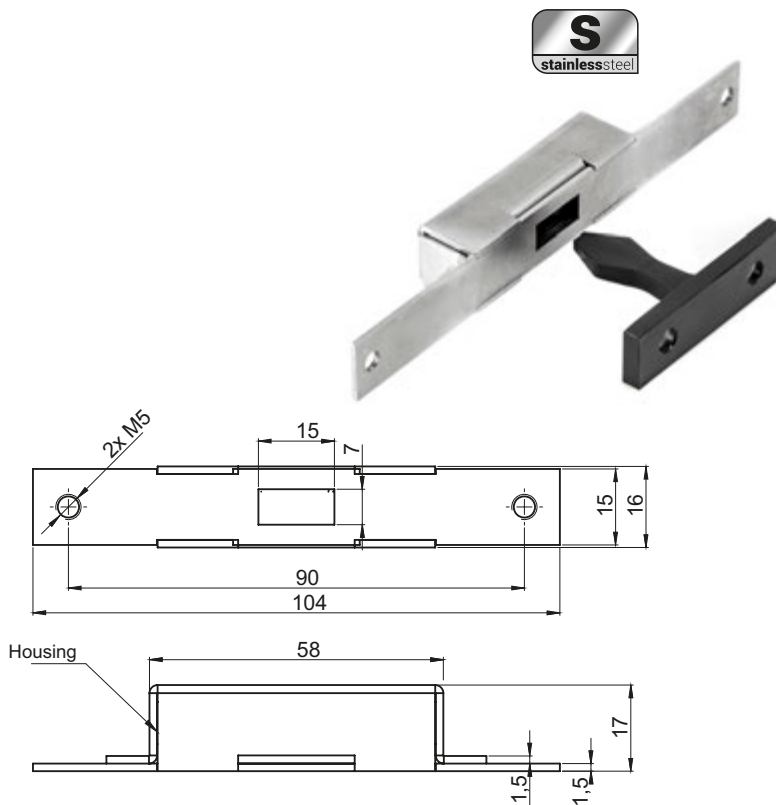
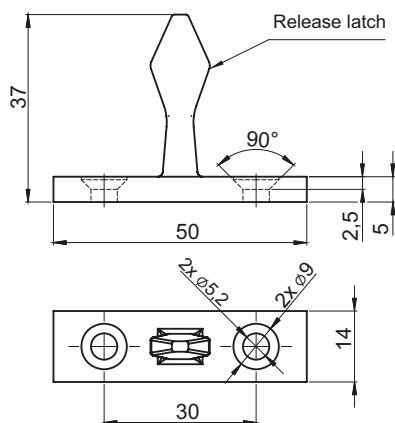


TYPE OF LOCK		COMPONENTS		MATERIAL
2.504.002		Housing, insert Spring		Stainless steel

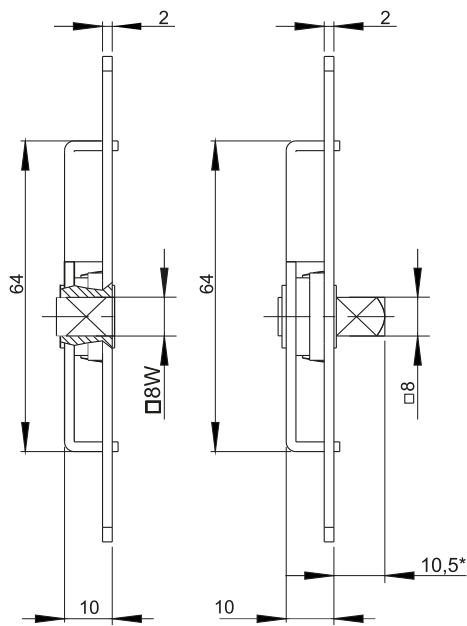
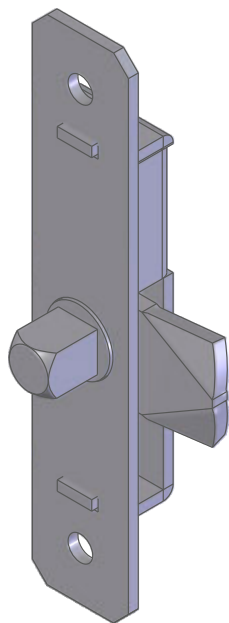
How to order :
 Type of lock _____ 2.504.001 — KW8
 Type of insert _____



TYPE OF LOCK	DETAIL	COMPONENTS	MATERIAL
2.200.001	Roller latch	Housing	Zinc plated steel
		Release latch	POM

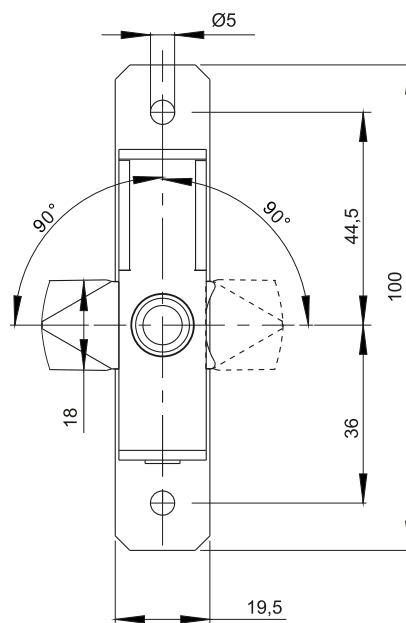


TYPE OF LOCK	DETAIL	COMPONENTS	MATERIAL
2.210.001SN	Roller latch	Housing	Stainless steel
		Release latch	POM

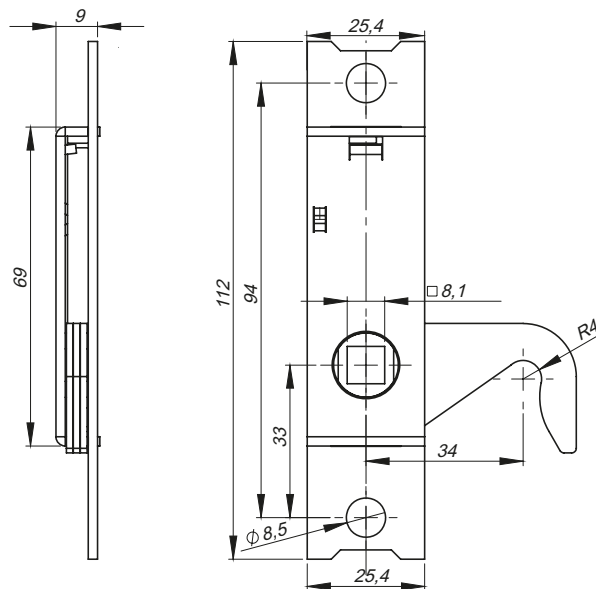


2.521.004

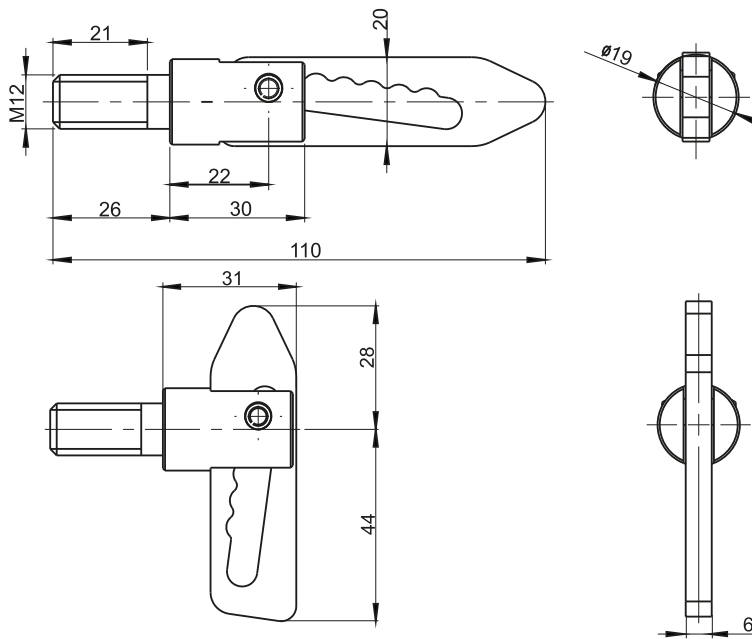
2.521.001



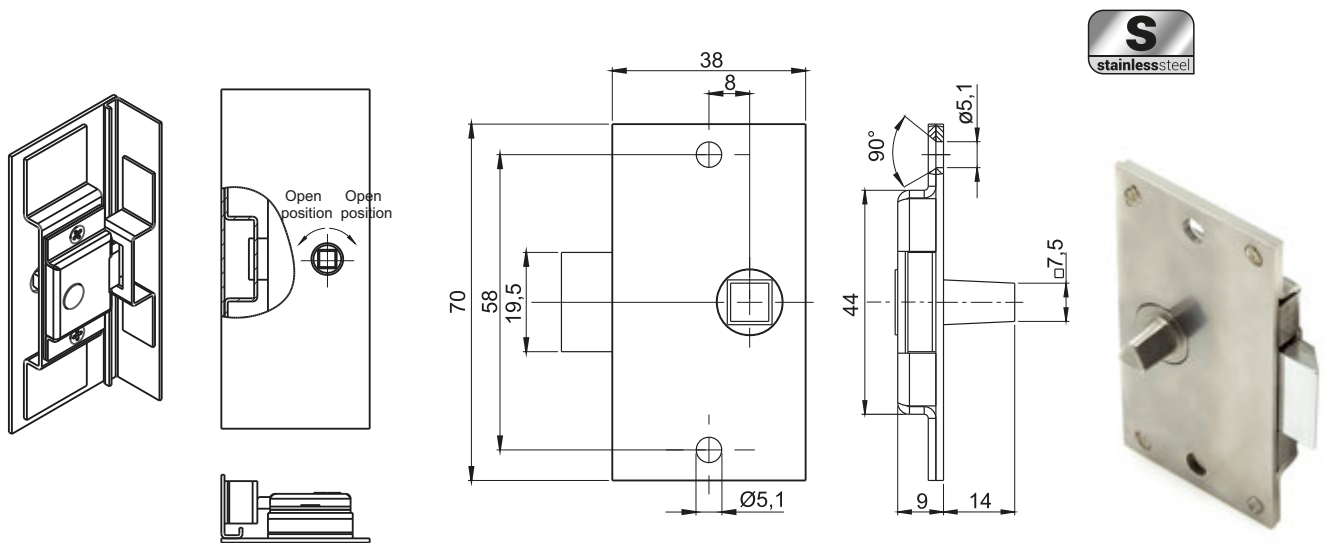
CATALOGUE NUMBER	COMPONENTS	MATERIAL
2.521.001	Housing, Insert, Cam	Steel zinc plated
2.521.004	Housing, Insert, Cam	Stainless steel



CATALOGUE NUMBER	COMPONENTS	MATERIAL
2.505.001	The base of the cam	Steel zinc plated
	The hook cam	Steel zinc plated
	The spring of the lock	Stainless steel



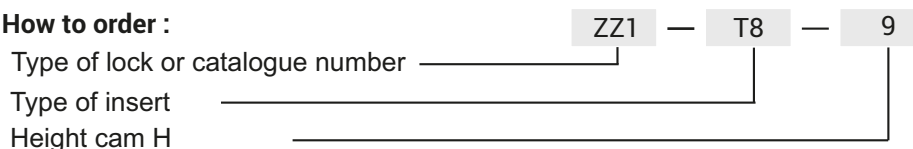
TYPE OF LOCK	COMPONENTS	MATERIAL
2.503.002	Insert, holdfast	Steel zinc plated
2.503.002SN	Insert, holdfast	Stainless steel

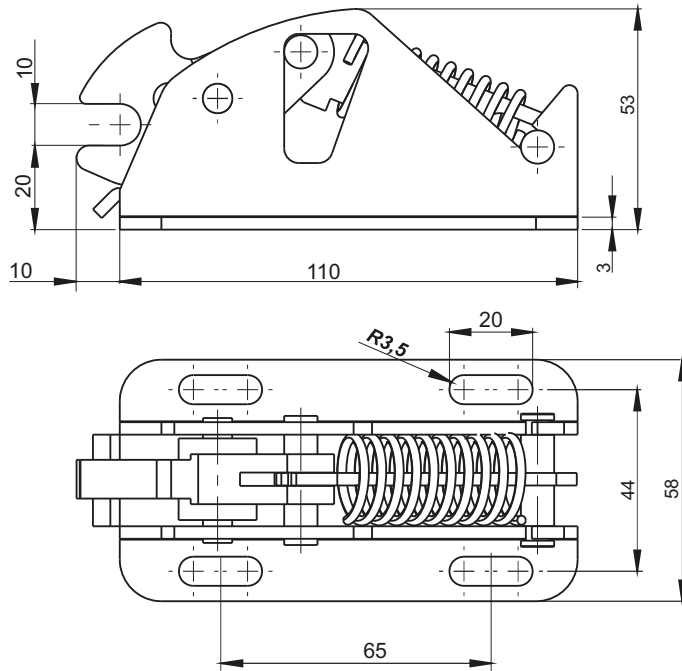


INSERT		
KW8-14	KW8-8	T8-9

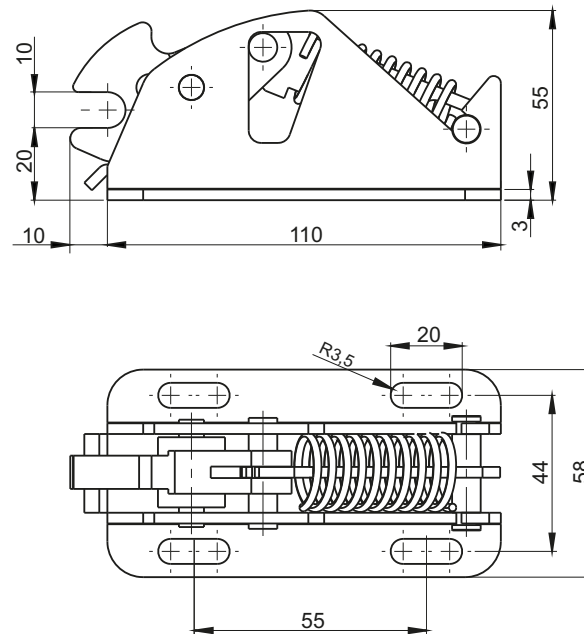
TYPE OF LOCK	COMPONENTS	MATERIAL
2.520.001SN	Housing, insert Cam	Stainless steel

How to order :

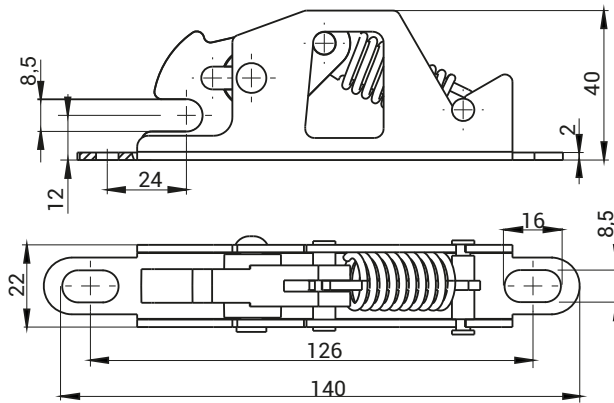




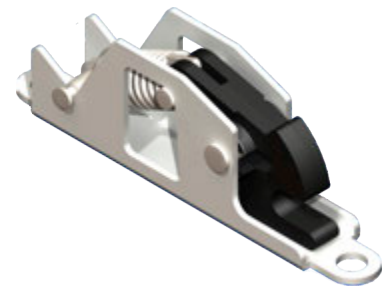
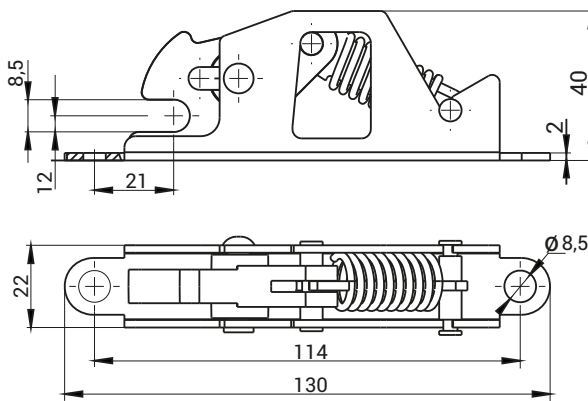
TYPE OF LOCK	COMPONENTS	MATERIAL
2.501.001	Housing / cam	Steel zinc plated/ Polyamide
2.501.001SN	Housing / cam	Stainless steel/ Polyamide



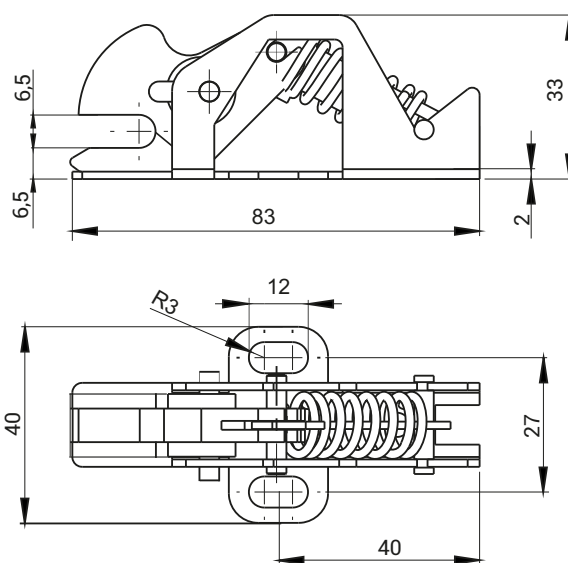
TYPE OF LOCK	COMPONENTS	MATERIAL
2.501.003	Housing / cam	Steel zinc plated/ Polyamide
2.501.003SN	Housing / cam	Stainless steel/ Polyamide



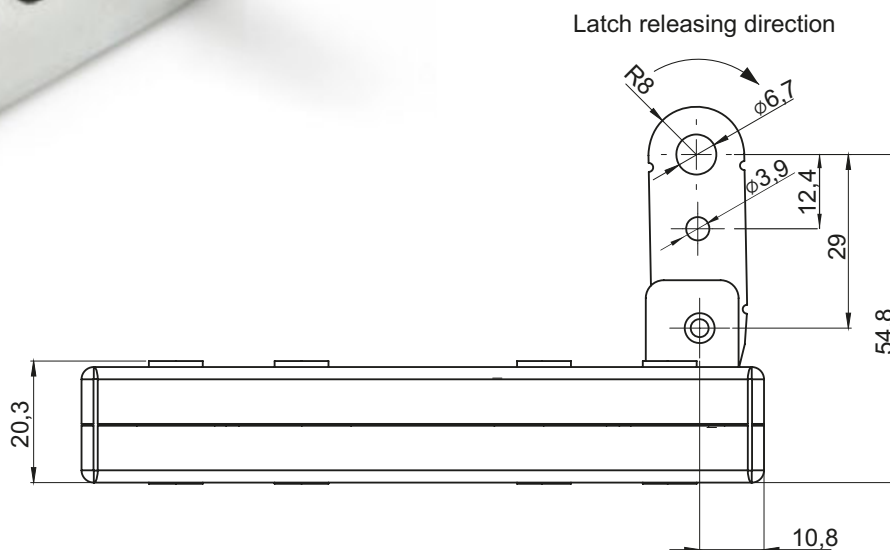
TYPE OF LOCK	COMPONENTS	MATERIAL
2.512.001	Housing / Cam	Steel zinc plated / Polyamide
2.512.001SN	Housing / Cam	Stainless Steel / Polyamide



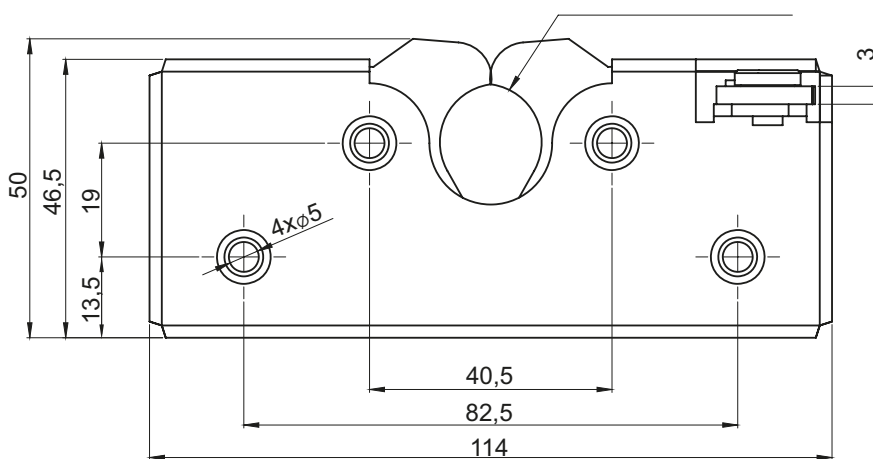
TYPE OF LOCK	COMPONENTS	MATERIAL
2.512.002	Housing / Cam	Steel zinc plated / Polyamide
2.512.002SN	Housing / Cam	Stainless Steel / Polyamide



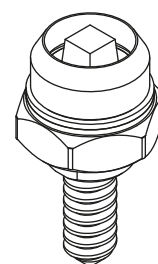
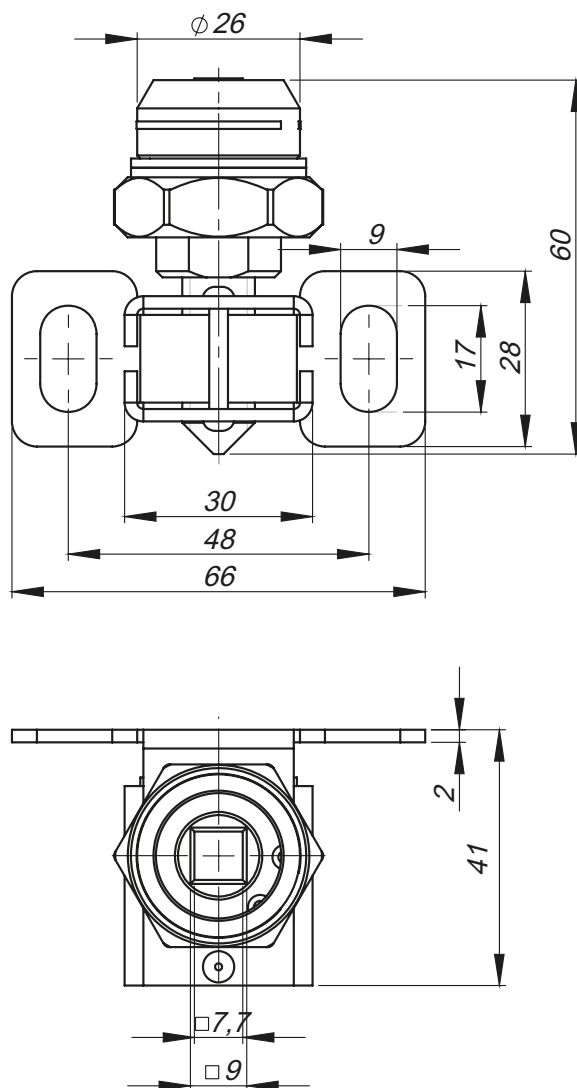
TYPE OF LOCK	COMPONENTS	MATERIAL
2.502.001	Housing / Cam	Steel zinc plated / Polyamide
2.502.001SN	Housing / Cam	Stainless Steel / Polyamide



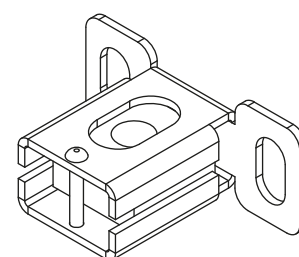
Max diameter of latching rod is 17mm



TYPE OF LOCK	COMPONENTS	MATERIAL
2.507.001	Housing	Zinc plated steel
	Bolt	Oxidized steel



Locking flap

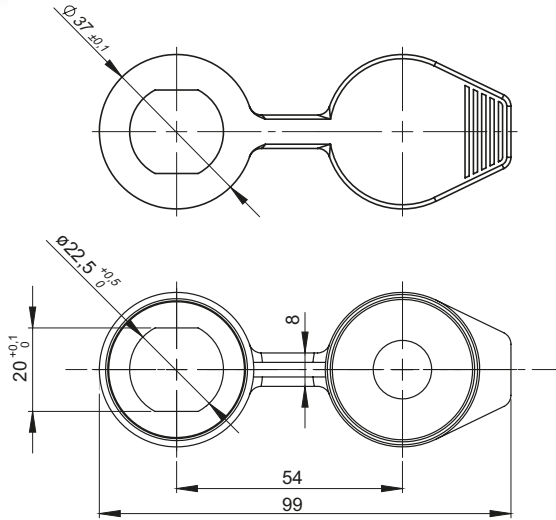


Locking flap handle

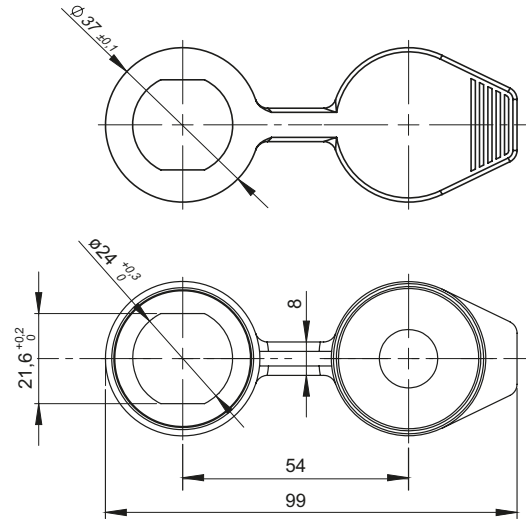
TYPE OF LOCK	COMPONENTS	MATERIAL
2.700.001	Locking flap	Stainless steel AISI 316L
	Locking flap handle	Stainless steel AISI 304



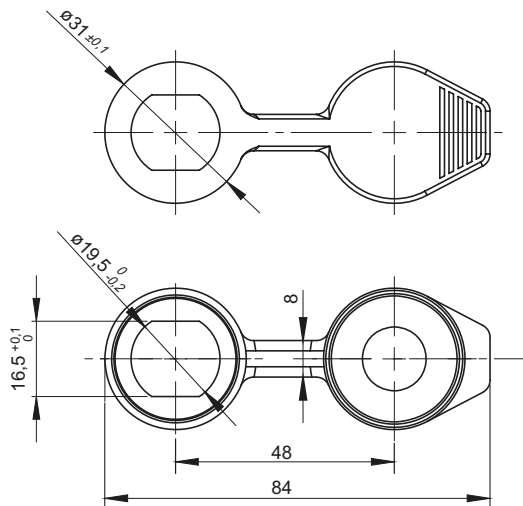
Cover 2.904.005



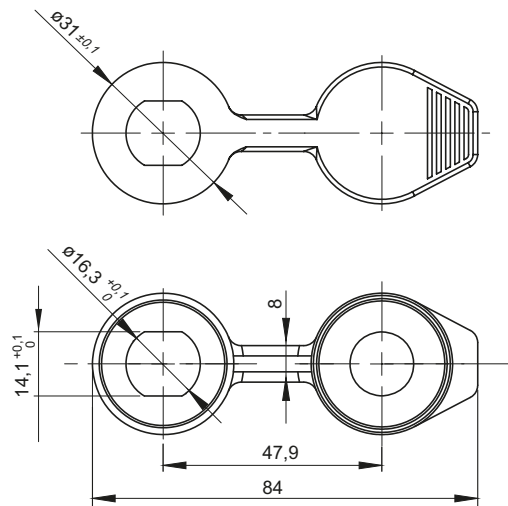
Cover 2.904.006



Cover 2.904.007



Cover 2.904.008

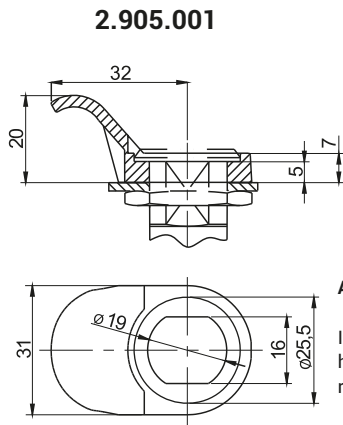


Attention:

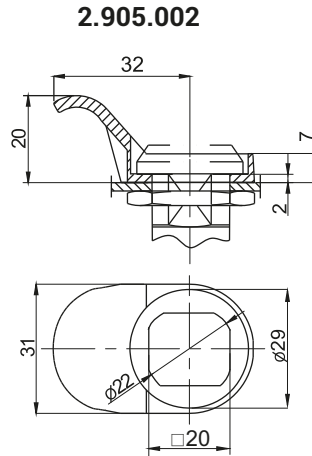
In case of adjusting the handle the H dimension reduces of 2mm

CATALOGUE NUMBER	TYPE OF LOCK	MATERIAL	FINISH [C]
2.904.005	M22	TPE	RAL9005
2.904.006	M24		07
2.904.007	M19W		
2.904.008	M16		

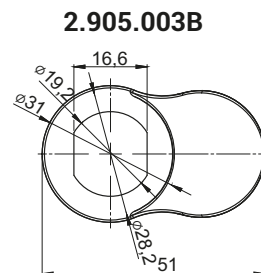
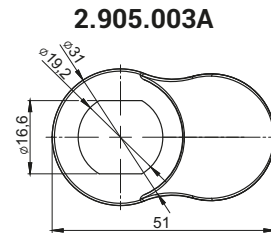
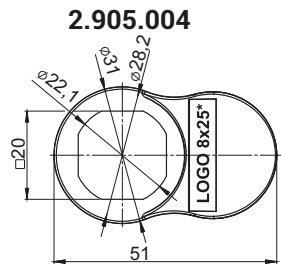
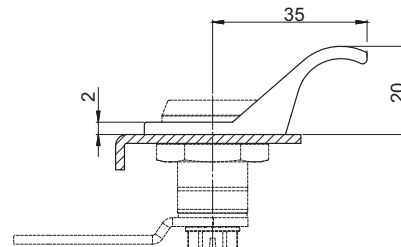
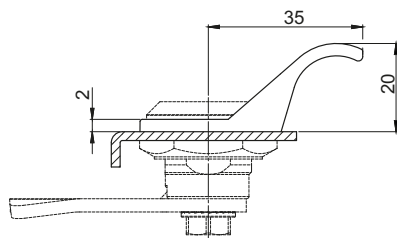
* colour 7035 available on special request



Attention:
In case of adjusting the handle the H dimension reduces of **5mm**



Attention:
In case of adjusting the handle the H dimension reduces of **2mm**



CATALOGUE NO.	DETAIL	MATERIAL	FINISH [C]	
			RAL 9005	RAL 7035
2.905.001	Handle	Polyamide	07	08
2.905.002				
2.905.003A	Handle for lock M19	Polyamide	07	08
2.905.003B				
2.905.004	Handle for lock M22			

How to order :

Catalogue no. _____

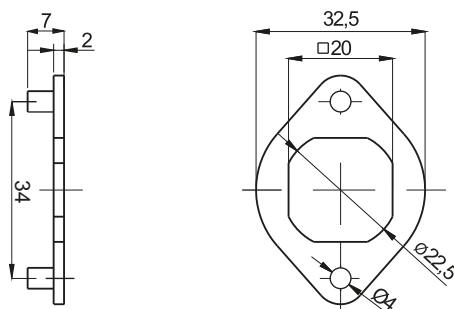
Finish _____

2.905.003 — C

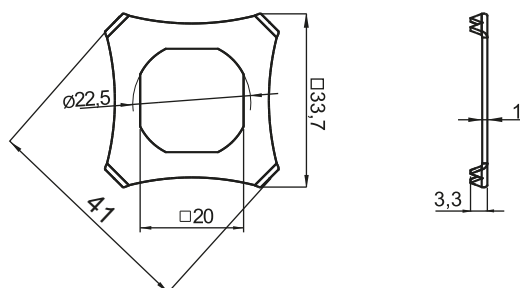
* Optional logo on the handle 2.905.904 with dimension 8x25 mm.

Handle for lock 2.905.004 is fitted with all locks M22 with the outside diameter of flanged housing $\varnothing 28$.

2.905.003 and 2.905.013 are fitted with locks M19W, M19DC, Z-2106, 2.612.001.



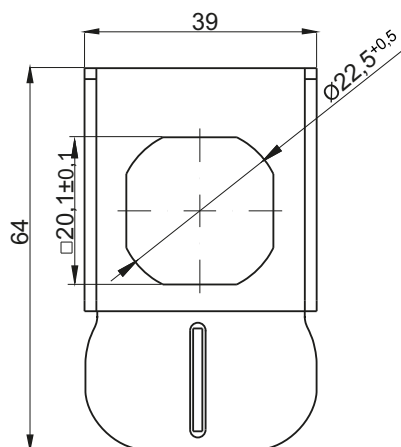
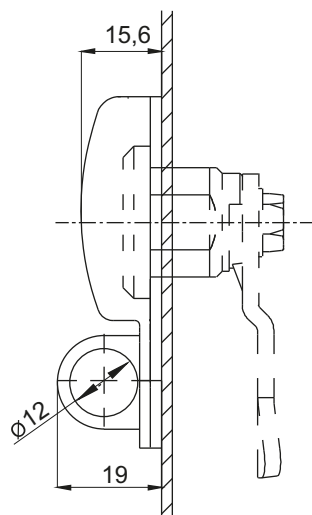
CATALOGUE NUMBER	COMPONENTS	MATERIAL
2.907.002	Locking washer	Steel zinc plated
2.907.002SN	Locking washer	Stainless steel



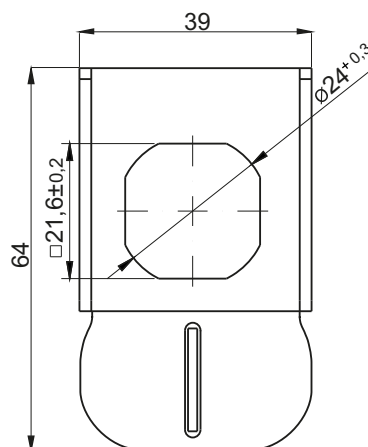
CATALOGUE NUMBER	COMPONENTS	MATERIAL
2.911.001	Locking washer	Steel zinc plated
2.911.001SN	Locking washer	Stainless steel



Blockade ST2



Blockade 2.904.001

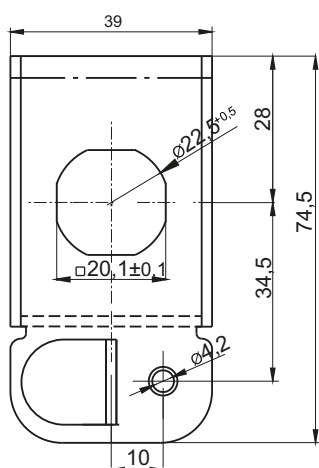
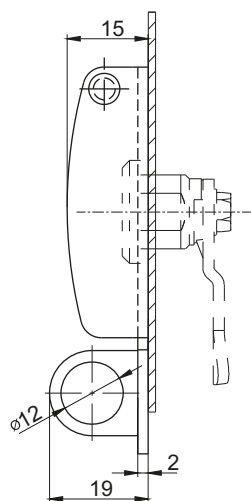


Blockade 2.905.002

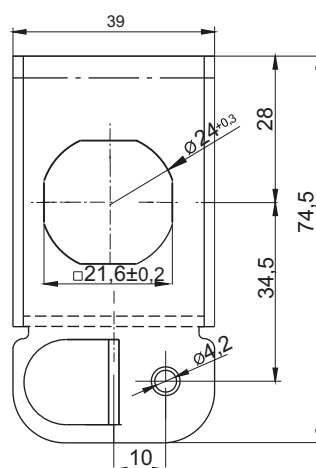


CATALOGUE NUMBER	TYPE OF LOCK	COMPONENTS	MATERIAL
2.902.001	M22	Rate, flape	Steel zinc plated
2.902.001SN	M22	Rate, flape	Stainless steel
2.902.002	M24	Rate, flape	Steel zinc plated
2.902.002SN	M24	Rate, flape	Stainless steel

Blockade ST2.02



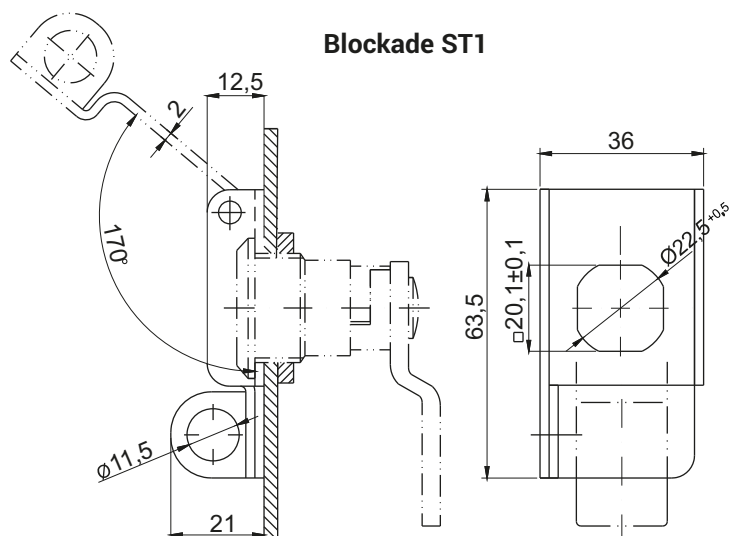
Blockade 2.904.101



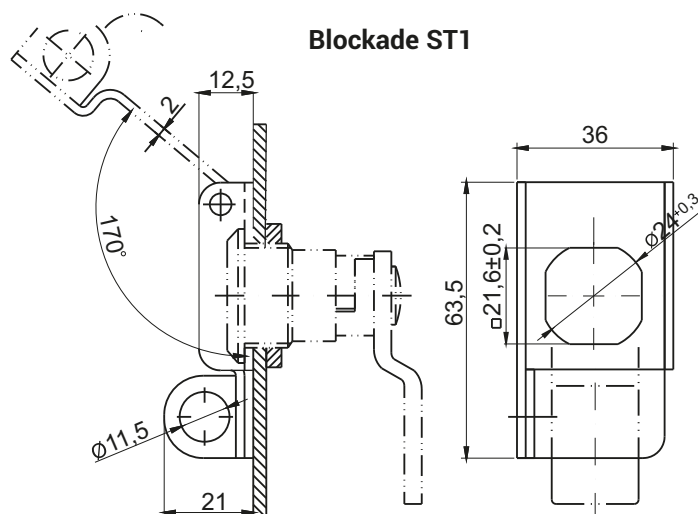
Blockade 2.905.102



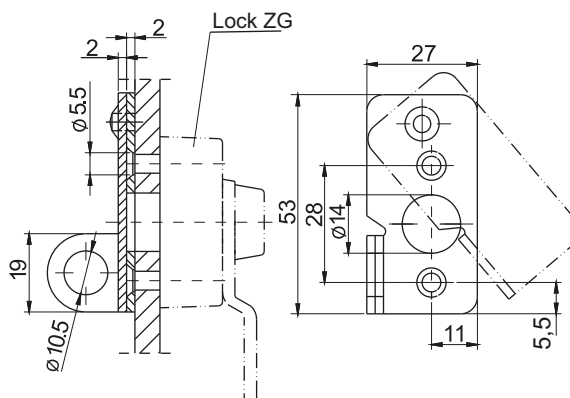
CATALOGUE NUMBER	TYPE OF LOCK	COMPONENTS	MATERIAL
2.904.101	M22	Rate, flape	Steel zinc plated
2.904.101SN	M22	Rate, flape	Stainless steel
2.905.102	M24	Rate, flape	Steel zinc plated
2.905.102SN	M24	Rate, flape	Stainless steel



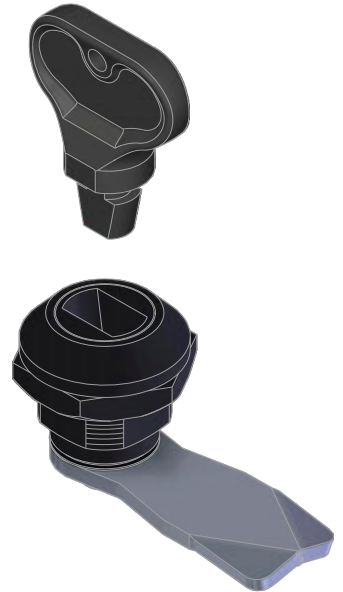
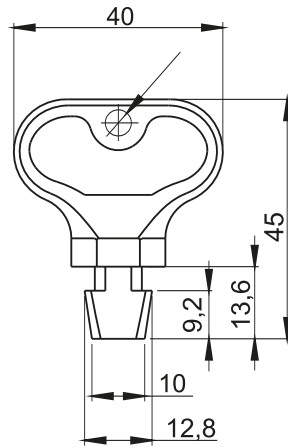
CATALOGUE NUMBER	COMPONENTS	MATERIAL
2.901.001	Rate, flap	Steel zinc plated
2.901.001SN	Rate, flap	Stainless steel



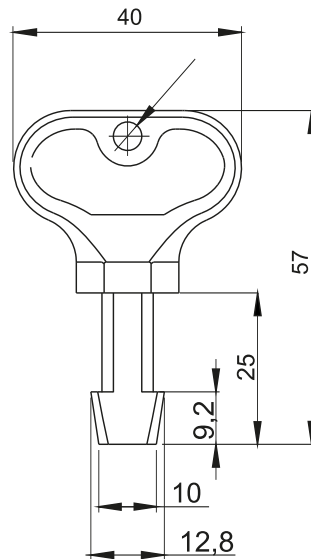
CATALOGUE NUMBER	COMPONENTS	MATERIAL
2.901.002	Rate, flap	Steel zinc plated
2.901.002SN	Rate, flap	Stainless steel



CATALOGUE NUMBER	COMPONENTS	MATERIAL
2.903.001	Rate, flap	Steel zinc plated
2.903.001SN	Rate, flap	Stainless steel
2.903.001AL	Rate, flap	Aluminum

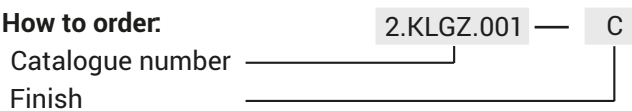


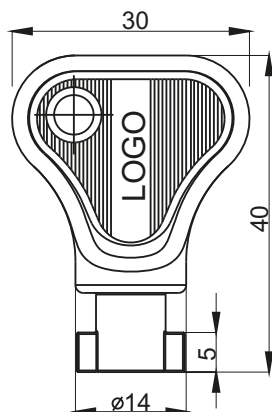
CATALOGUE NUMBER	COMPONENTS	MATERIAL	FINISH [C]	
			RAL 9005	RAL 7035
2.KLGZ.001	Key	Polyamide	07	08



CATALOGUE NUMBER	COMPONENTS	MATERIAL	FINISH [C]	
			RAL 9005	RAL 7035
2.KLGZ.002	Key	Polyamide	07	08

How to order:



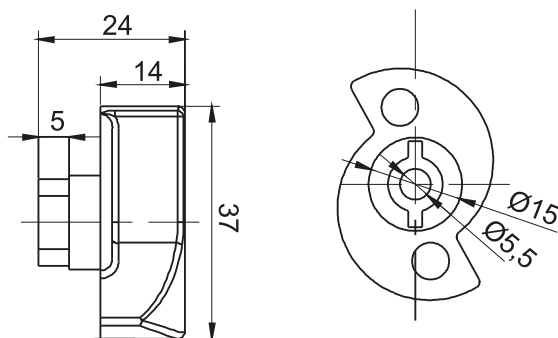


Type of key [X]			Finish [C]	
			RAL 9005	RAL 7035
D5	T9	KW 8	07	08
CATALOGUE NUMBER		COMPONENTS	MATERIAL	
2.KLB-X.001PA		Key	Polyamide	

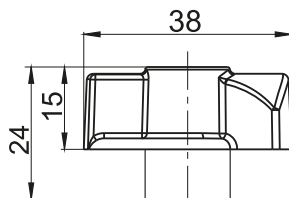
How to order:

2.KLB-D5.001PA — 04

Catalogue number _____
Finish _____



CATALOGUE NUMBER	COMPONENTS	MATERIAL	FINISH [C]	
			RAL 9005	RAL 7035
2.KLD5.001PA	Key	Polyamide	07	08
2.KLT9.001PA	Key	Polyamide		



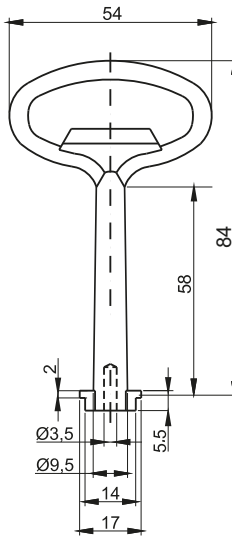
Key KLT13 cooperates with lock M22-13 as a T-handle

CATALOGUE NUMBER	COMPONENTS	MATERIAL	FINISH [C]	
			RAL 9005	RAL 7035
2.KLT13.001PA	Key	Polyamide	07	08

How to order:

2.KLBD5.001PA — C

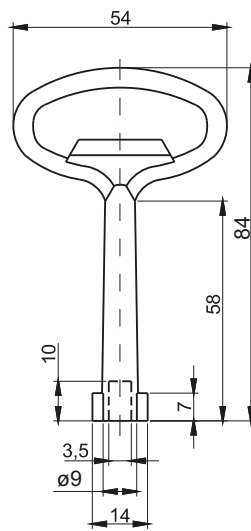
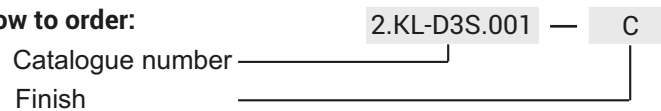
Catalogue number _____
Finish _____



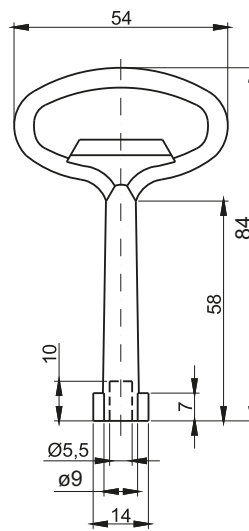
Finish [C]		
Chrome	Nickel	RAL 9005
01	02	04

CATALOGUE NUMBER	COMPONENTS	MATERIAL
2.KL-D3S.001	Key	ZAMAK5
2.KL-D5S.001	Key	ZAMAK5

How to order:



2.KL-D3.003

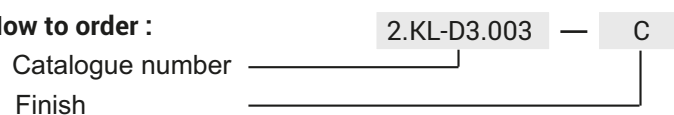


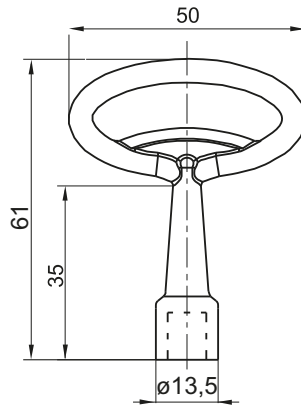
2.KL-D5.003



				Finish [C]		
				Chrome	Nickel	RAL 9005
D3	D5	T9	KW 8	01	02	04
CATALOGUE NUMBER	COMPONENTS		MATERIAL			
2.KL-X.003	Key		ZAMAK5			

How to order :



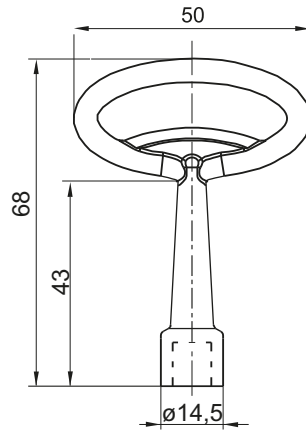
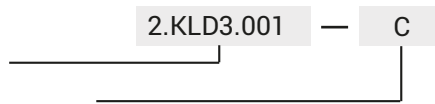


Type of key [X]										Finish [C]		
										Chrome	Nickel	RAL 9005
D3	D5	T6	T7	T9	KW6	KW7	KW 8	N	C9	01	02	04
CATALOGUE NUMBER					COMPONENTS					MATERIAL		
2.KL-X.001					Key					ZAMAK5		

How to order :

Catalogue number

Finish



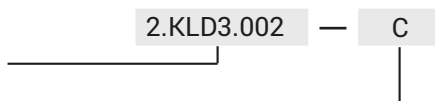
Type of key [X]					Finish [C]			
					Chrome	Nickel	RAL 9005	RAL 7035
T9	T10	KW 8	N	C9	01	02	04	05
CATALOGUE NUMBER				COMPONENTS				MATERIAL
2.KL-X.002				Key				ZAMAK5

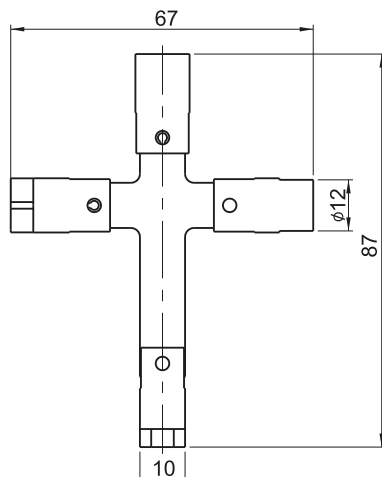
How to order :

Catalogue number

Finish

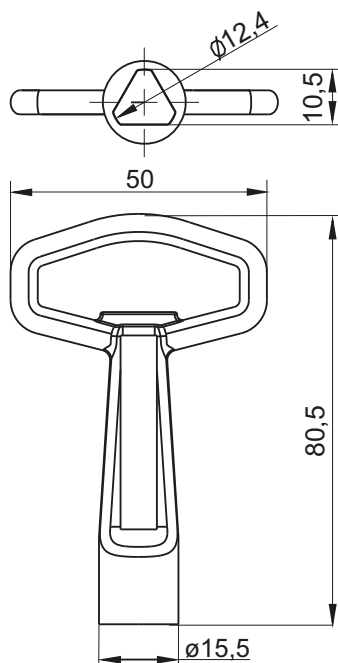
Possibility of making logo key on request.





Type of key [X]												
D3	D5	T6	T9	T10	KW6	KW7	KW8	N	C9	C	L	
CATALOGUE NUMBER				COMPONENTS				MATERIAL				
2.KLT-WF.001				Tip				Steel zinc plated				
				Phillips				Stainless steel				

How to order :
 Catalogue number 2.KLT-WF.001 — KW8 — T9 — L — T10
 Type of key _____

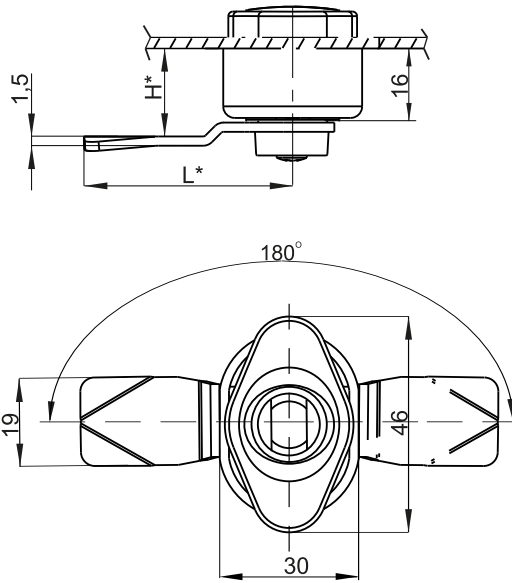


Typ klucza [X]					Finish [C]			
T10	T11	T12	T13	KW8	Chrome	Nickel	RAL 9005	RAL 7035
CATALOGUE NUMBER					COMPONENTS		MATERIAL	
2.KLC-X.001					Key		ZAMAK5	

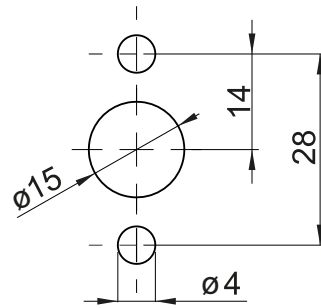
How to order :
 Catalogue number 2.KLC-T13.001 — C
 Finish _____



LOCK ZG



LOCK ZG AX

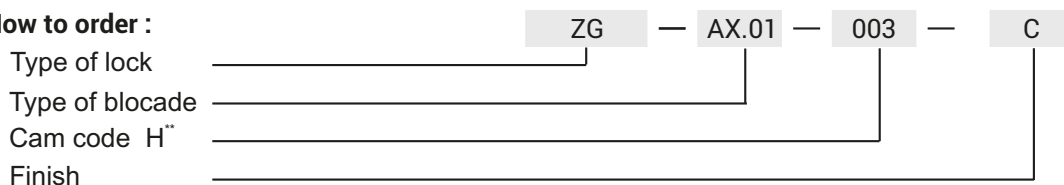


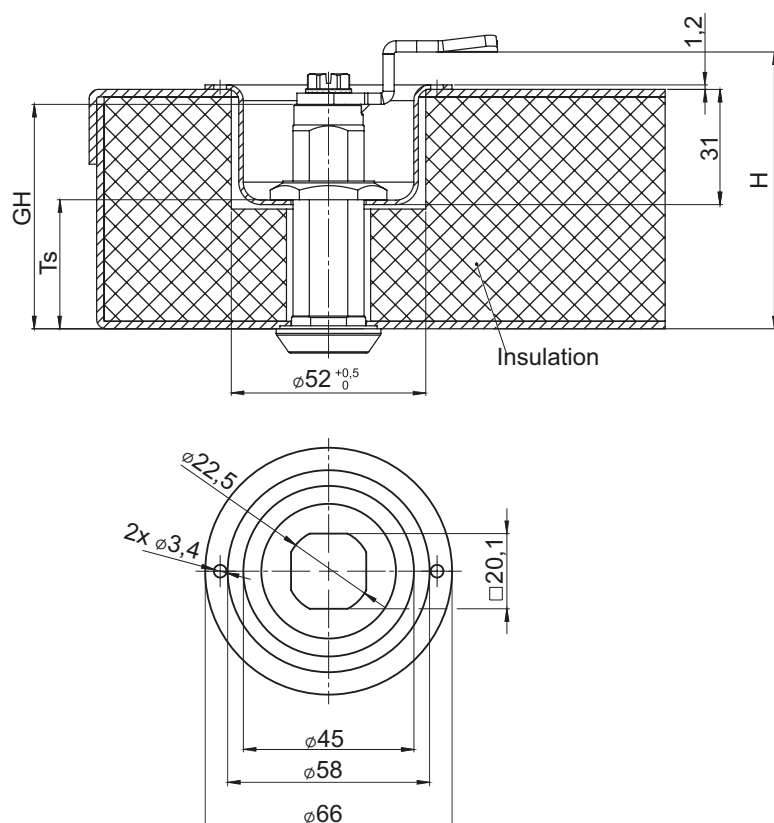
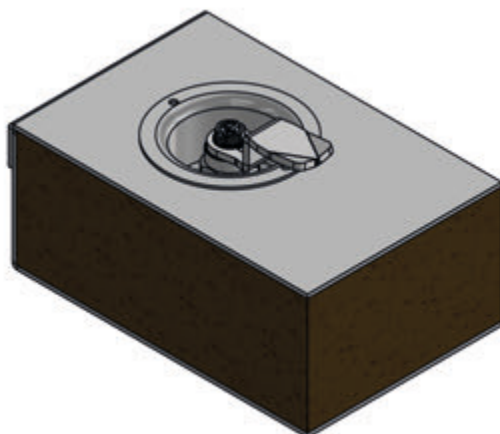
Cut Out

Table no. 1

CAM CODE	H*	L*	FINISH [C]	
001	16	30		
002	16	45		
003	19	30		
004	19	45		
TYPE OF LOCK	COMPONENTS	MATERIAL	RAL 9005	RAL 7035
Lock ZG	Housing, insert	Polyamide	07	08
Blokade AX.01	-	Stainless steel	-	-
Blokade AX.02	-	Steel zinc plated	-	-

How to order :





Fitted with locks M22 reducing the thickness of insulated doors
 Fitted with locks M22, M22-30, M22-60.
 Ts - the thickness of the door.

CATALOGUE NO.	DETAIL	MATERIAL
2.920.001	Adapter	Zinc plated steel



A large grid of small dots for taking notes, covering the majority of the page.



1

Locking systems

2

Locks
Latches



3

Hinges



4

Clamps



5

Accessories



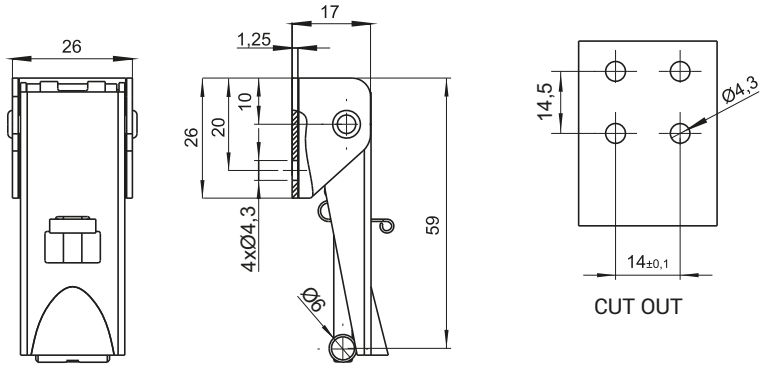
6

Gasketing profiles

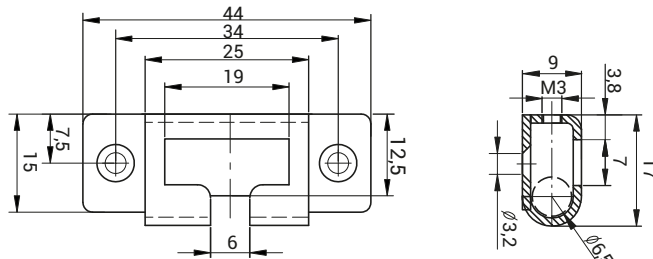


7

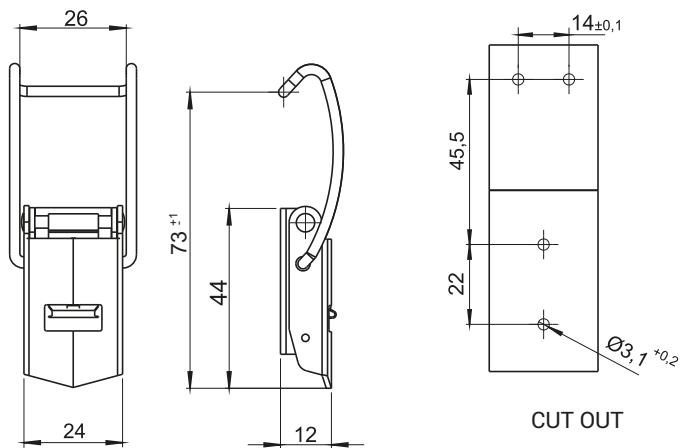
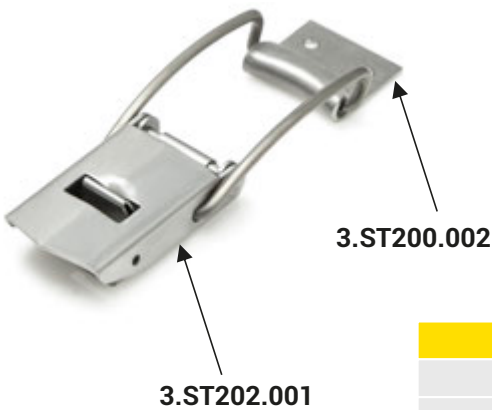
Custom products



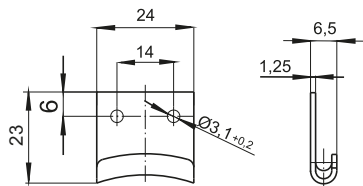
CATALOGUE NUMBER	MATERIAL
3.ST201.001	Steel zinc plated
3.ST201.001SN	Stainless steel



CATALOGUE NUMBER	MATERIAL
3.ST201UN.001	Steel zinc plated
3.ST201UN.001SN*	Stainless steel

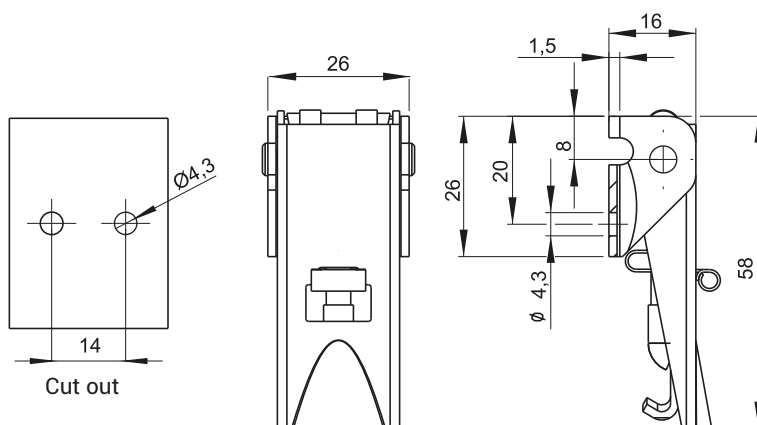


CATALOGUE NUMBER	MATERIAL
3.ST202.001	Steel zinc plated
3.ST202.001SN	Stainless steel



CATALOGUE NUMBER	MATERIAL
3.ST200.002*	Steel zinc plated
3.ST200.002SN*	Stainless steel

* detail to be ordered separately

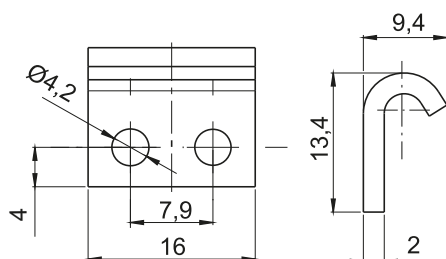


3.ST204.001



3.ST200.003

CATALOGUE NUMBER	MATERIAL
3.ST204.001	Steel zinc plated
3.ST204.001SN	Stainless steel

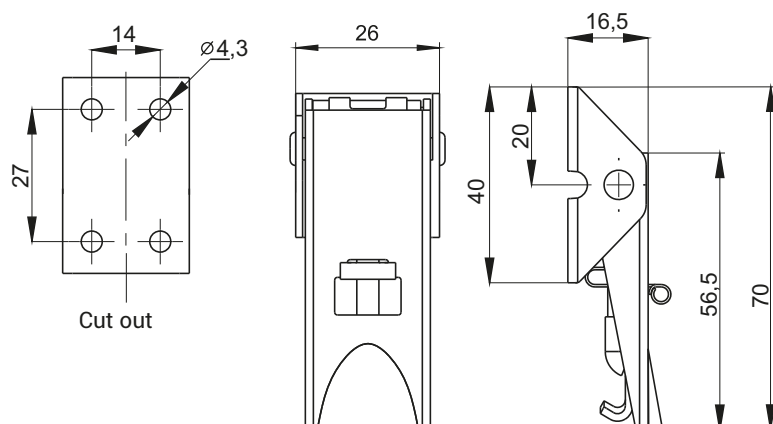


Catch can be used with:

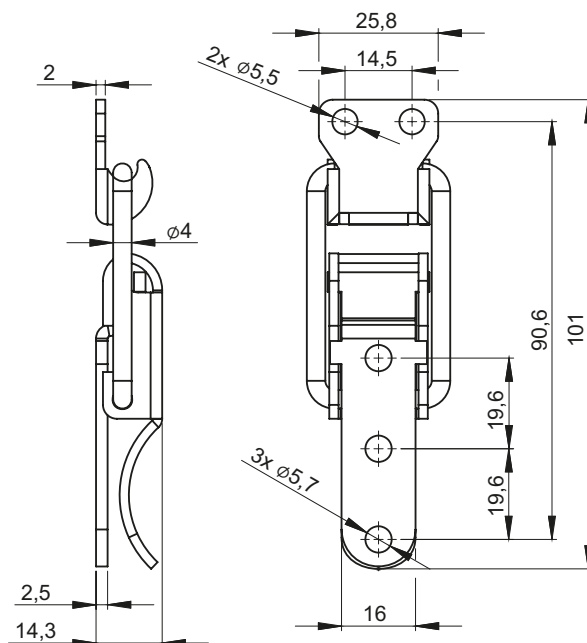
- 3.ST204.001
- 3.ST204.001SN
- 3.ST205.001
- 3.ST205.001SN

CATALOGUE NUMBER	MATERIAL
3.ST200.003*	Steel zinc plated
3.ST200.003SN*	Stainless steel

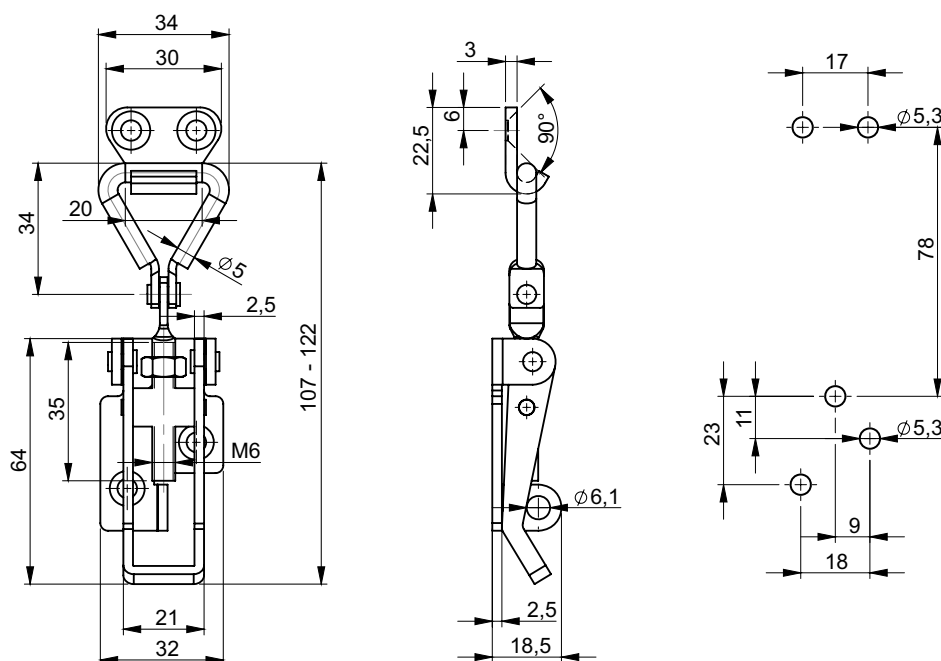
* detail to be ordered separately



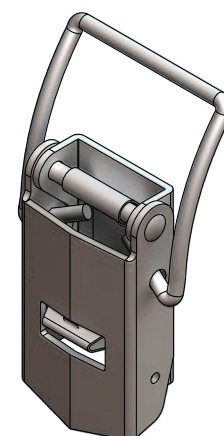
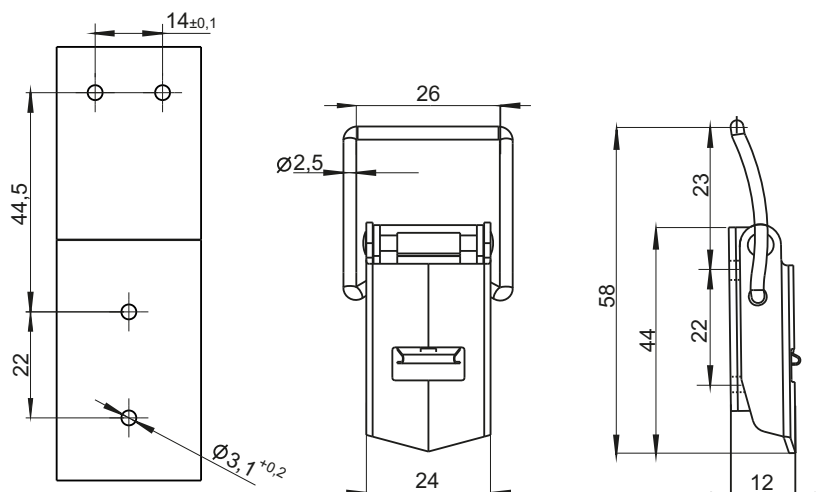
CATALOGUE NUMBER	MATERIAL
3.ST205.001	Steel zinc plated
3.ST205.001SN	Stainless steel



CATALOGUE NO.	MATERIAL
3.ST264.001	Stainless steel



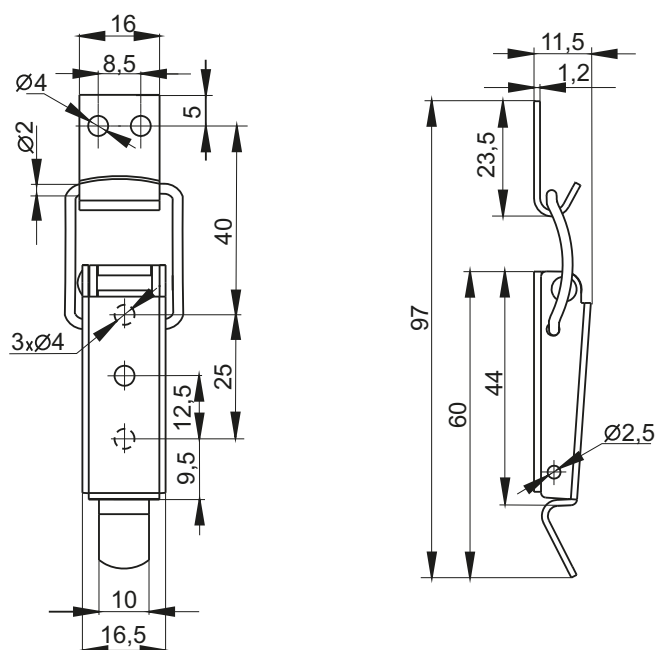
CATALOGUE NO.	DETAIL	MATERIAL
3.ST265.001SN	Latch secured with a padlock	Stainless steel



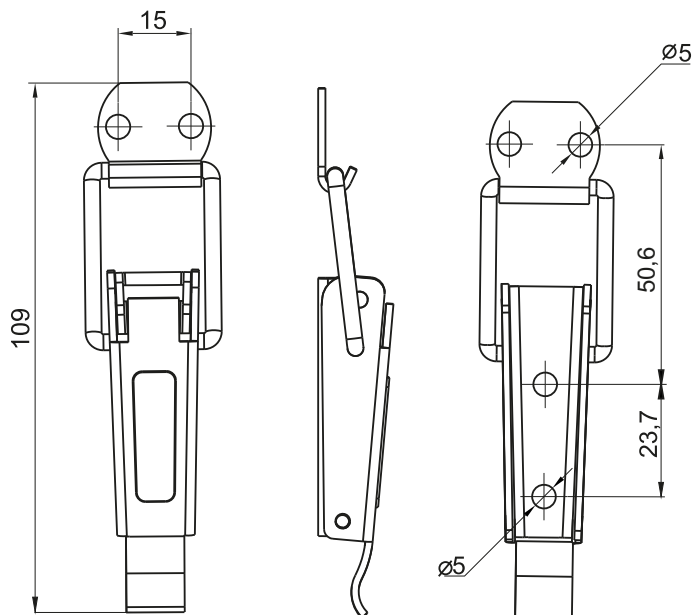
Cut out

CATALOGUE NUMBER	MATERIAL
3.ST206.001*	Steel zinc plated
3.ST206.001SN*	Stainless steel

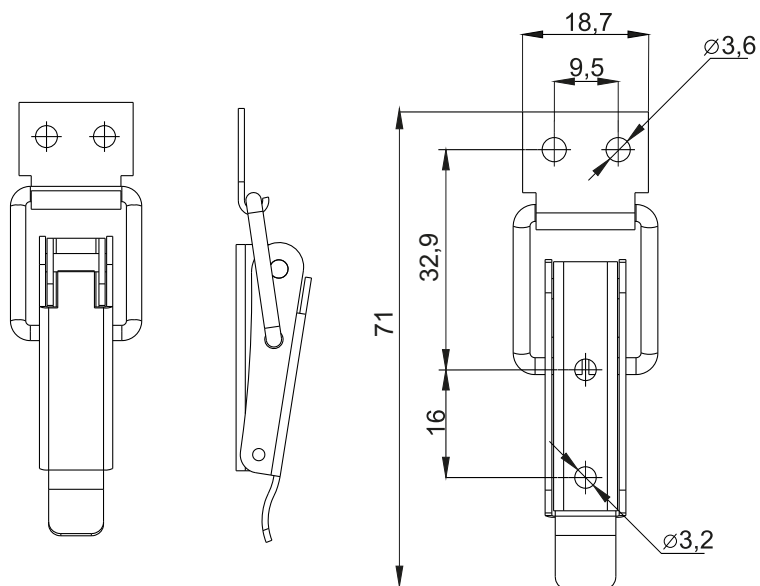
* the team shall include ear 3.ST200.002 - detail to be ordered separately (3B-41)



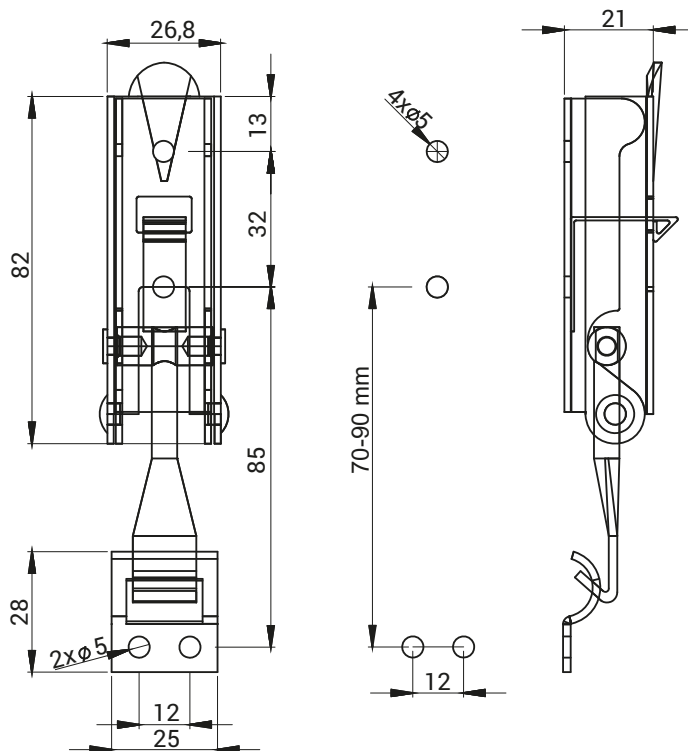
CATALOGUE NUMBER	MATERIAL
3.ST207.001	Steel zinc plated
3.ST207.001SN	Stainless steel



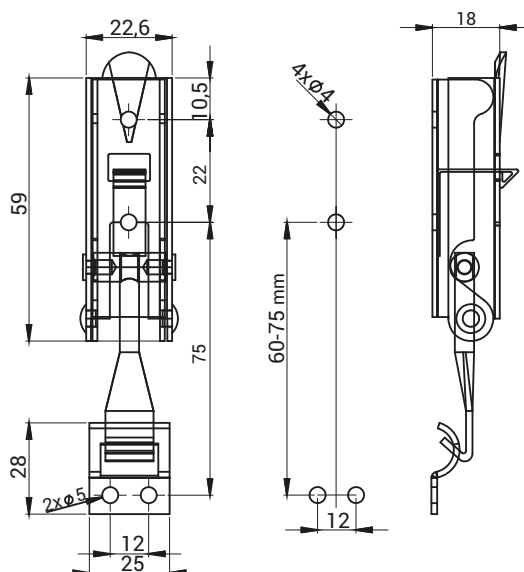
CATALOGUE NUMBER	MATERIAL
3.ST261.001	Steel zinc plated



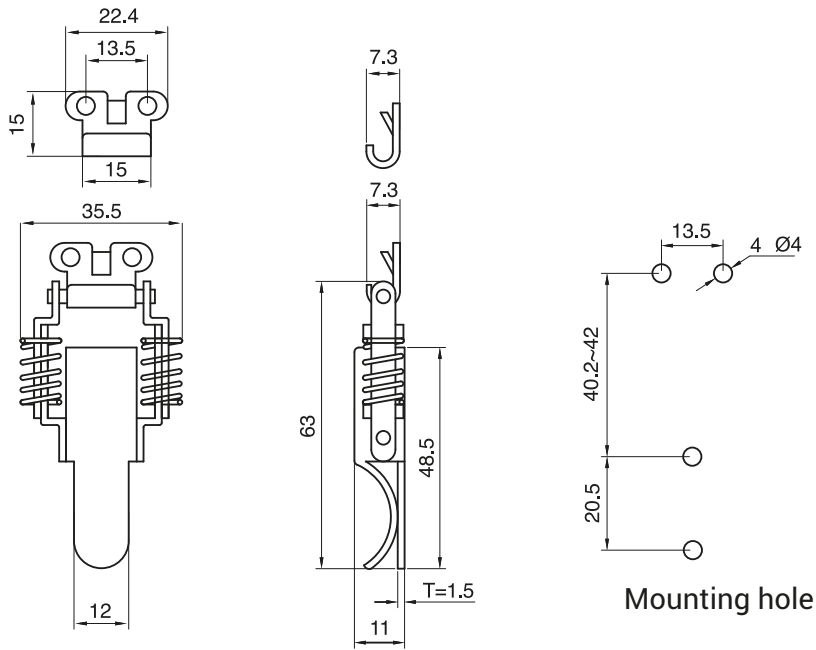
CATALOGUE NUMBER	MATERIAL
3.ST262.001	Steel zinc plated



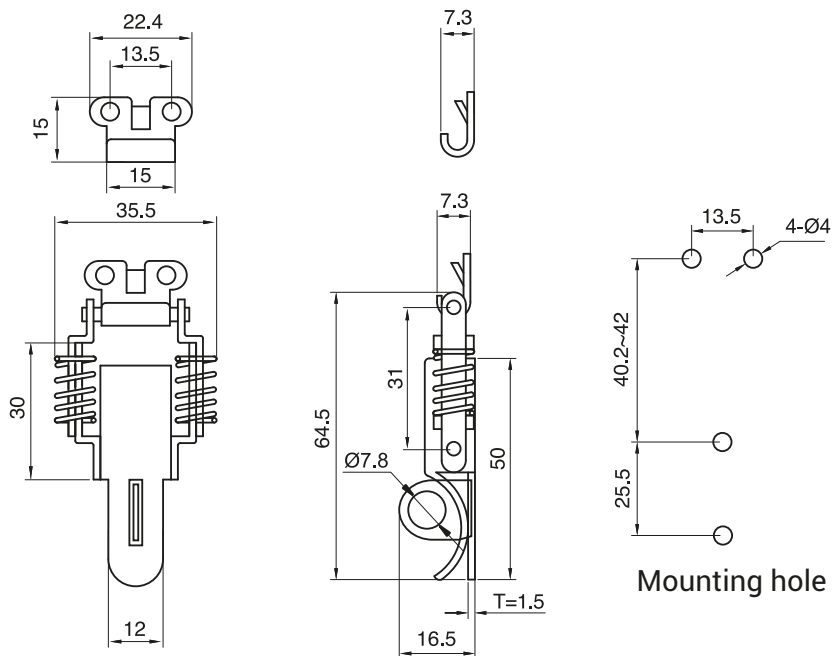
CATALOGUE NUMBER	MATERIAL
3.ST208.001	Steel zinc plated
3.ST208.001SN	Stainless steel



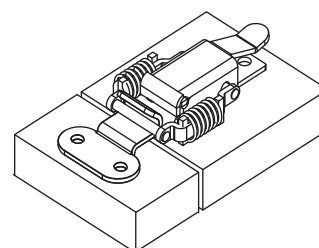
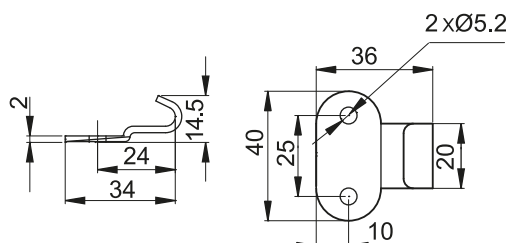
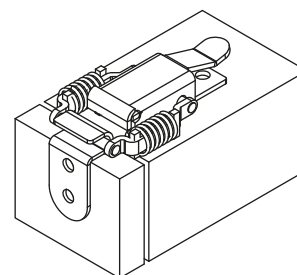
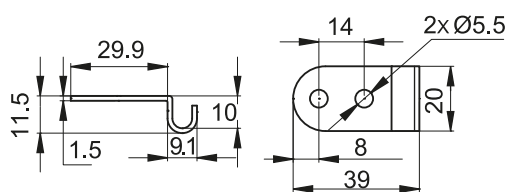
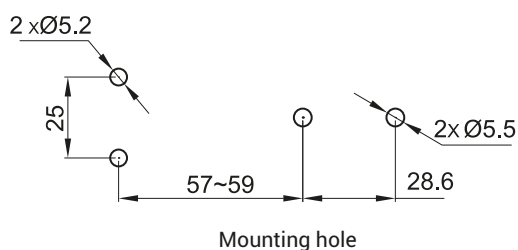
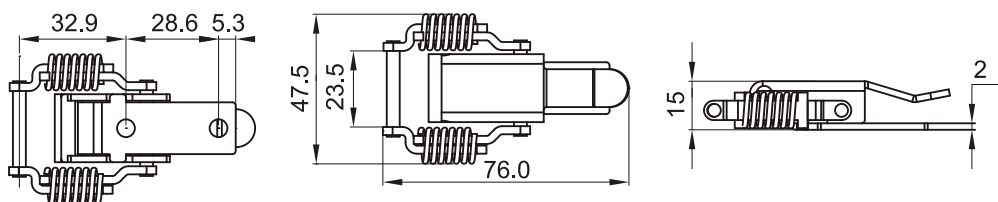
CATALOGUE NUMBER	MATERIAL
3.ST210.001	Steel zinc plated
3.ST210.001SN	Stainless steel



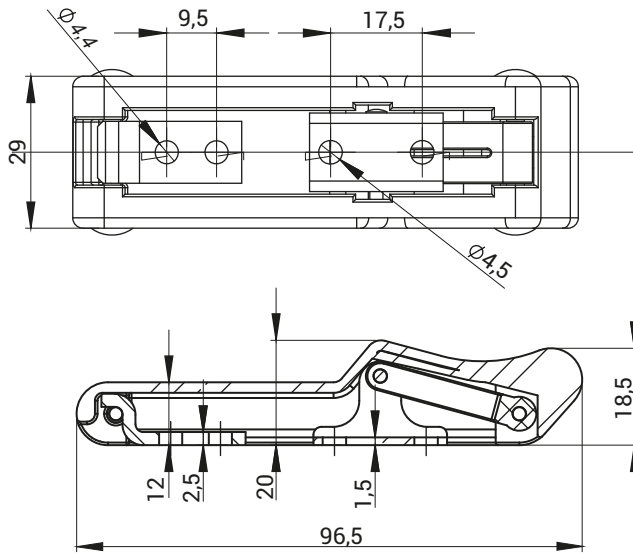
CATALOGUE NUMBER	MATERIAL
3.562.001	Stainless steel



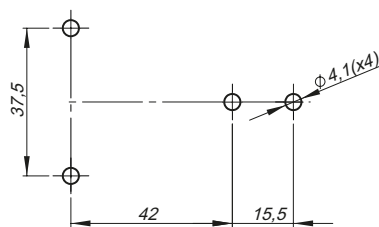
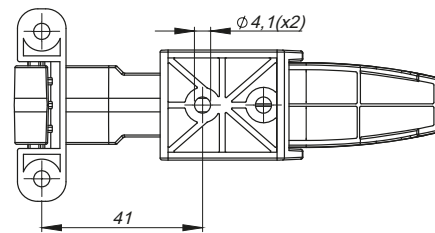
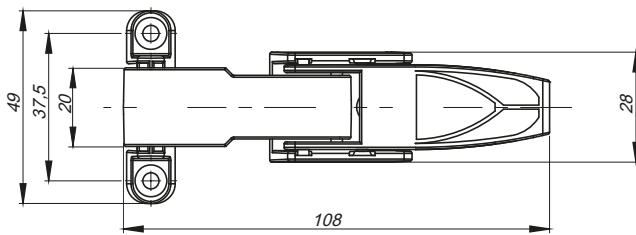
CATALOGUE NUMBER	MATERIAL
3.562.002	Stainless steel



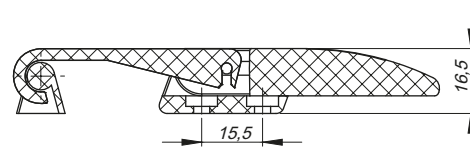
CATALOGUE NUMBER	MATERIAL
3.563.001	Stainless steel



CATALOGUE NUMBER	MATERIAL	FINISH [C]
4.490.001	Plastic - elastomer	RAL 9005 07

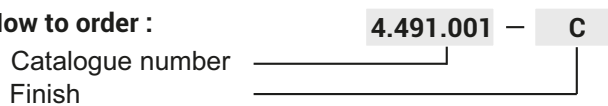


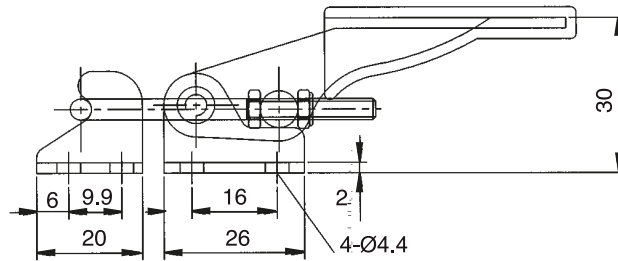
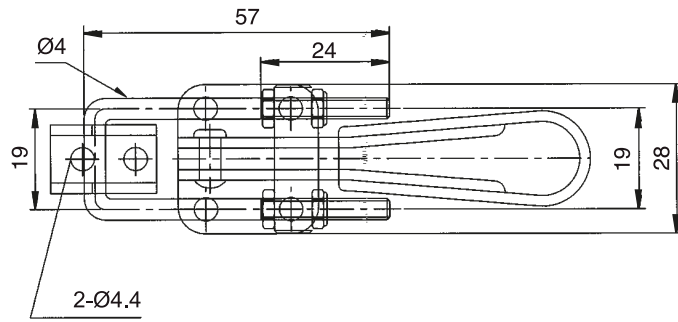
Mounting hole



CATALOGUE NUMBER	MATERIAL	FINISH [C]	
4.491.001	PP	RAL 9005 07	RAL 7035 08

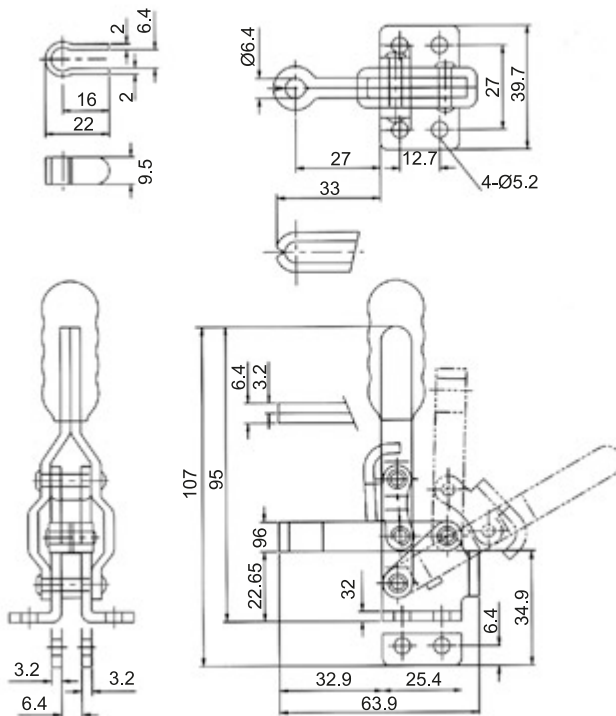
How to order :





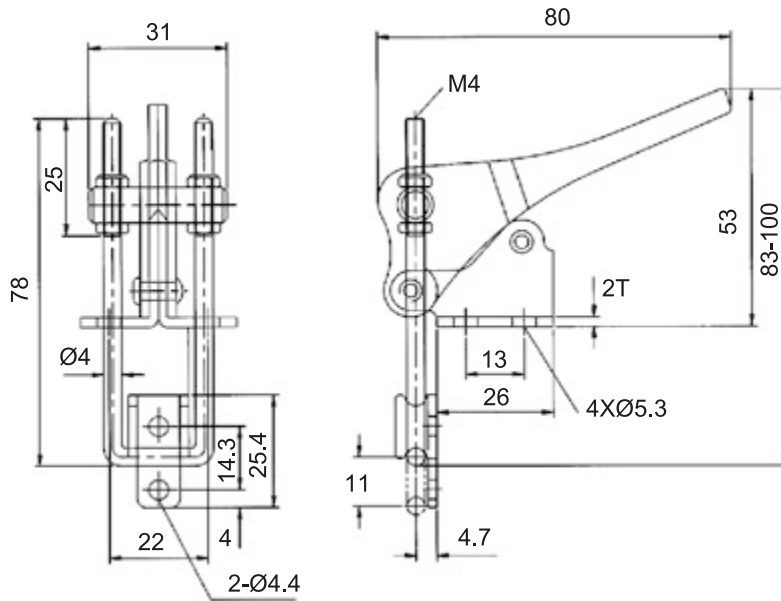
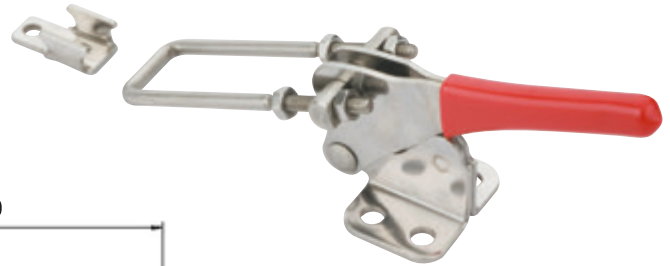
Note: Maximum load 160kg

CATALOGUE NUMBER	MATERIAL
3.565.001	Stainless steel



Note: Maximum load 95kg

CATALOGUE NUMBER	MATERIAL
3.566.001	Stainless steel



Note: Maximum load 225kg

CATALOGUE NUMBER	MATERIAL
3.567.001	Stainless steel



1

Locking systems

2

Locks
Latches

3

External hinges

4

Clamps

5

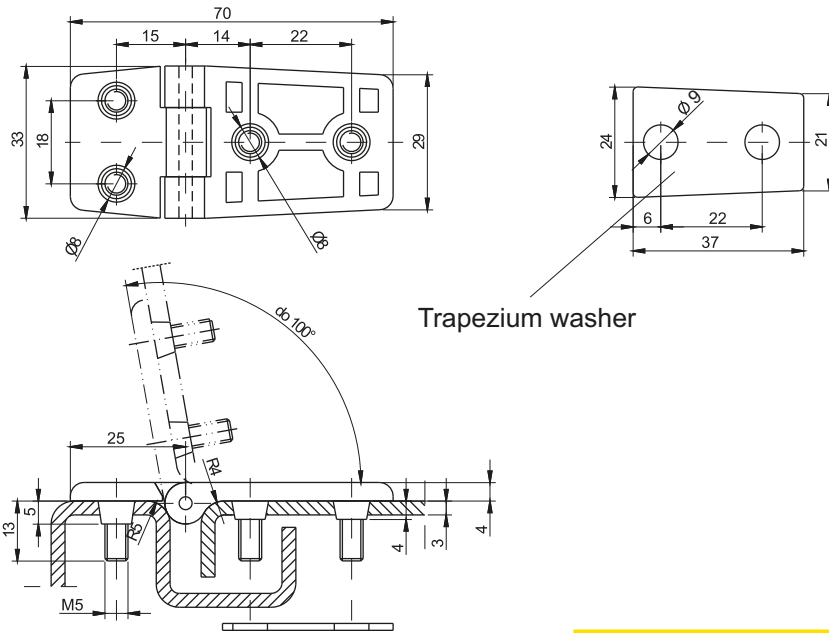
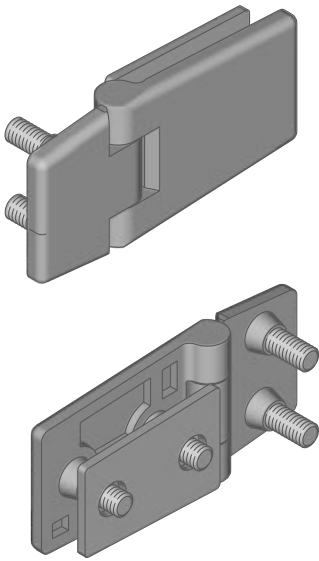
Accessories

6

Gasketing profiles

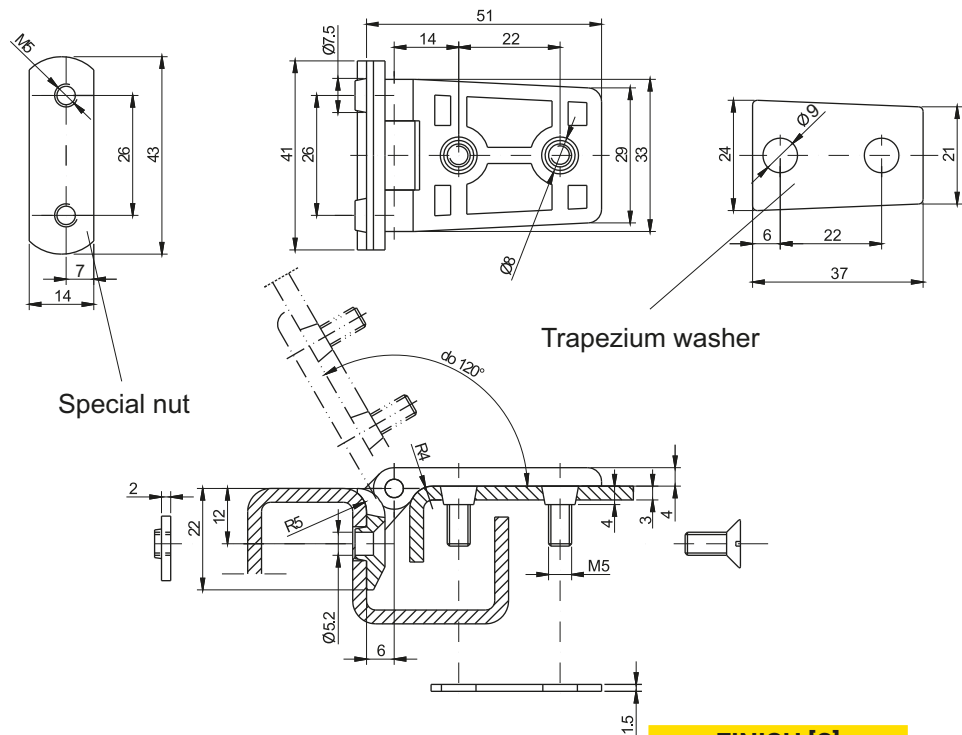
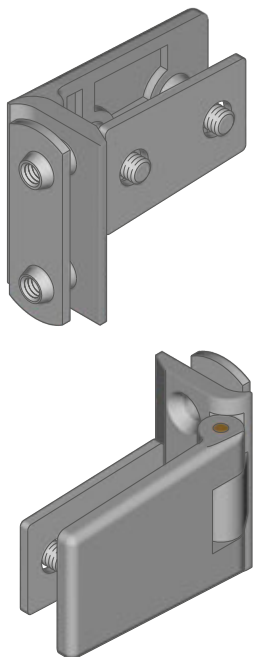
7

Custom products



Trapezium washer

CATALOGUE NUMBER	COMPONENTS	MATERIAL	FINISH [C]	
			RAL 9005	RAL 7035
3.ZN1.001	Holder, Base	ZAMAK 5	04	05
	Pin	Brass		
	Washer, nut	Steel zinc plated		

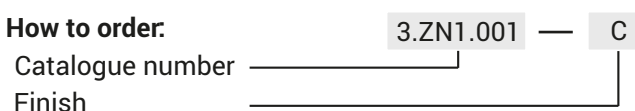


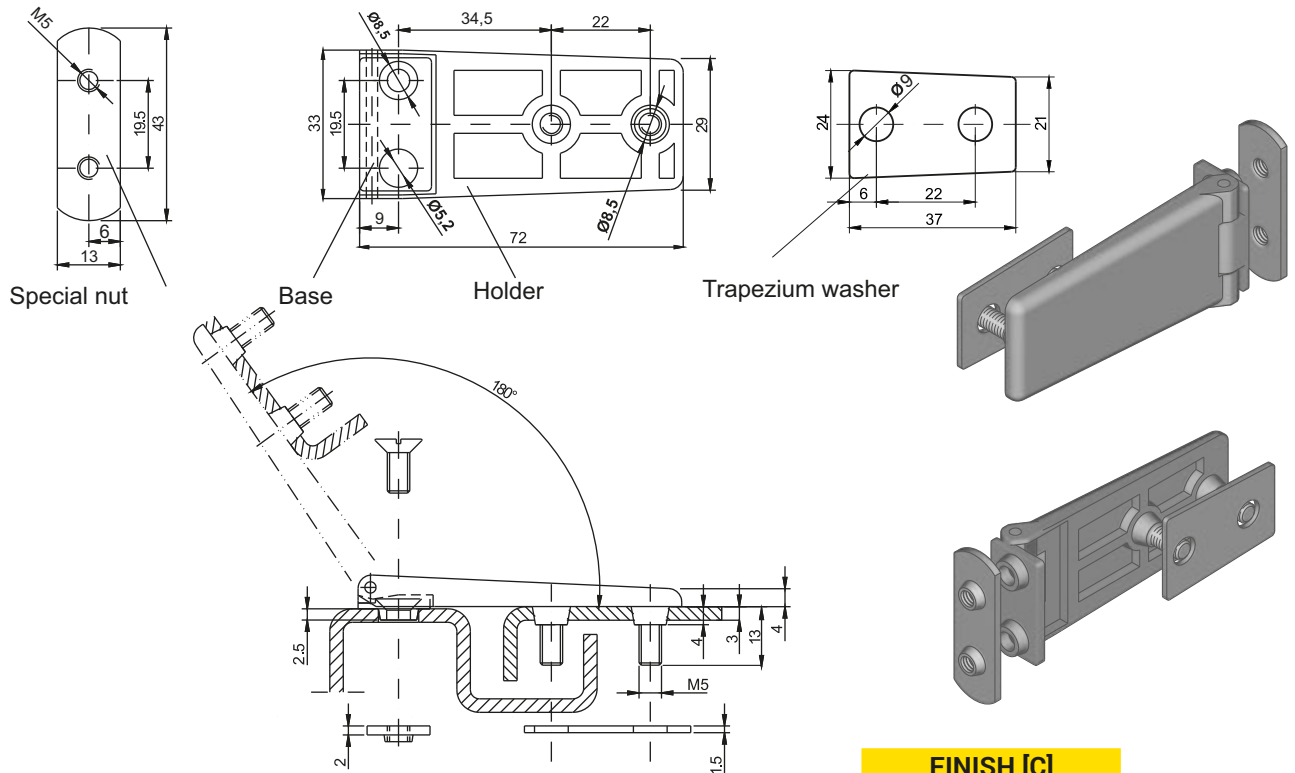
Special nut

Trapezium washer

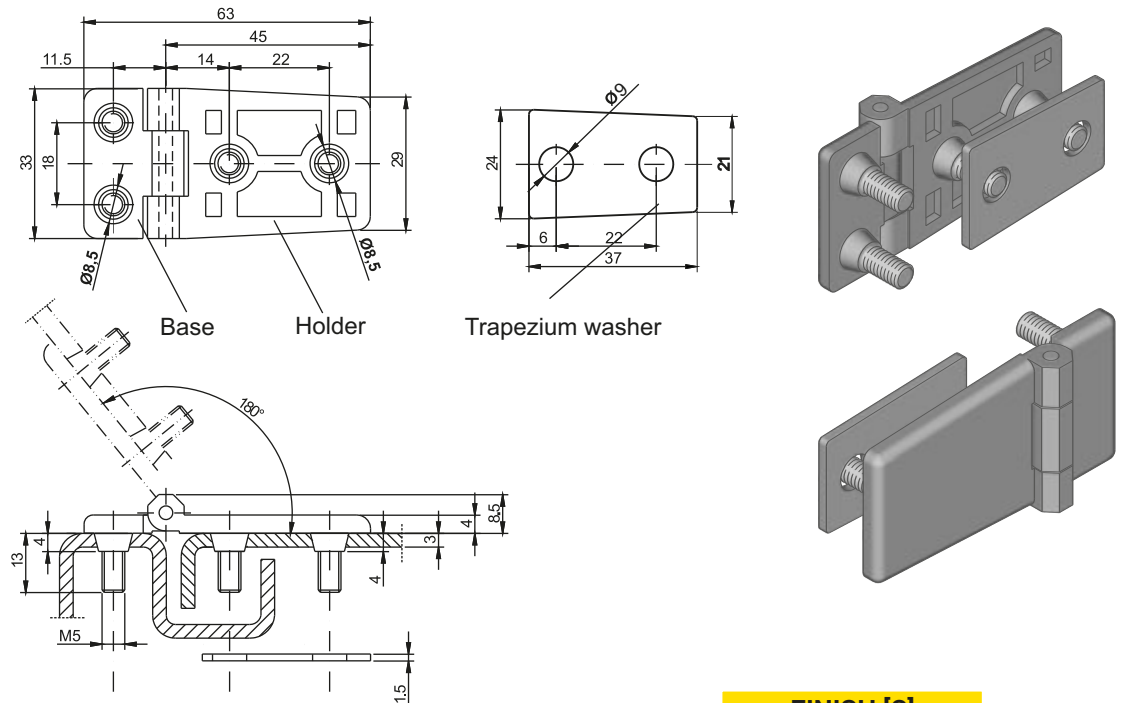
CATALOGUE NUMBER	COMPONENTS	MATERIAL	FINISH [C]	
			RAL 9005	RAL 7035
3.ZN2.001	Holder, Base	ZAMAK 5	04	05
	Pin	Brass		
	Washer, nut	Steel zinc plated		

How to order:





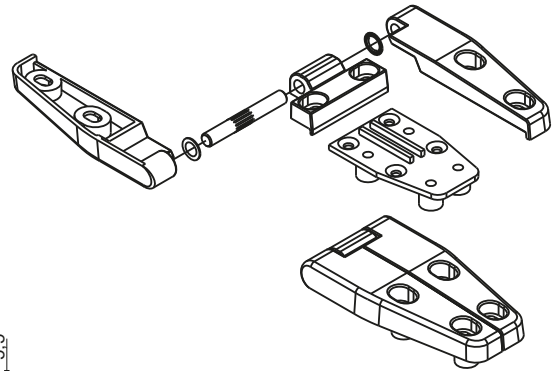
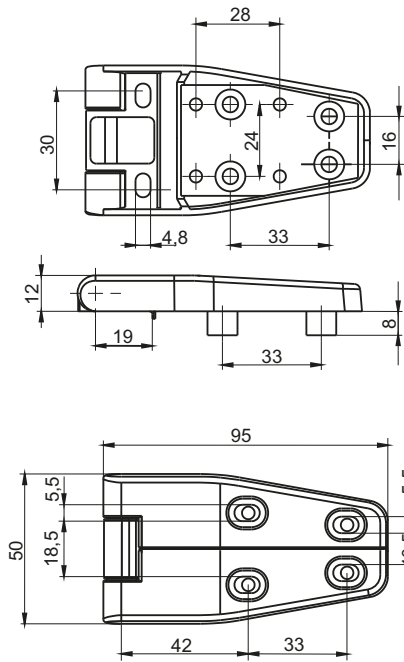
CATALOGUE NUMBER	COMPONENTS	MATERIAL	FINISH [C]	
			RAL 9005	RAL 7035
3.ZN3.001	Holder, Base,	ZAMAK 5	04	05
	Pin	Brass		
	Washer, nut	Steel zinc plated		



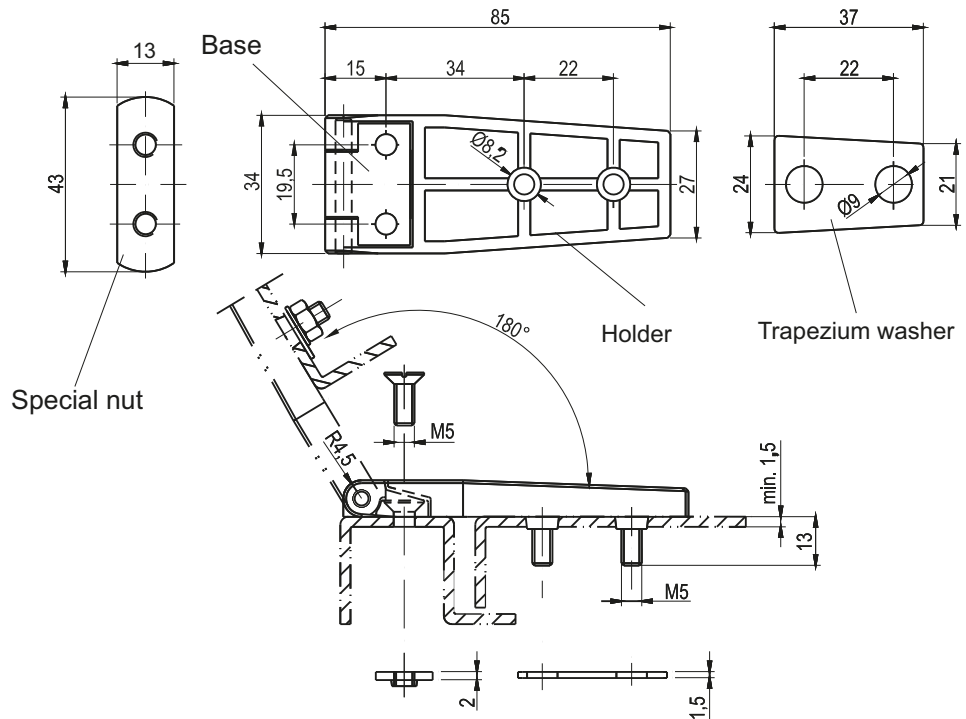
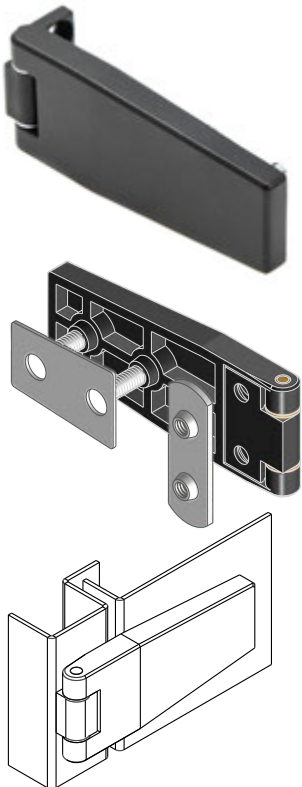
CATALOGUE NUMBER	COMPONENTS	MATERIAL	FINISH [C]	
			RAL 9005	RAL 7035
3.ZN4.001	Holder, Base,	ZAMAK 5	04	05
	Pin	Steel zinc plated		
	Washer, nut	Steel zinc plated		

How to order:

Catalogue number 3.ZN3.001 — C
 Finish



CATALOGUE NUMBER	COMPONENTS	MATERIAL	FINISH [C]	
			RAL 9005	RAL 7035
3.ZN115.001	Holder, Base,	ZAMAK 5	04	05
	Pin Washer, Nut	Steel zinc plated		



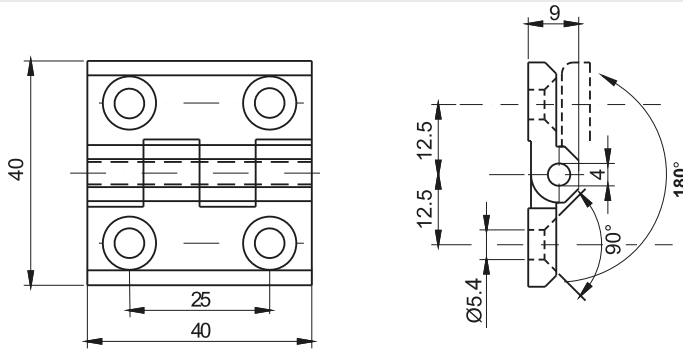
CATALOGUE NUMBER	COMPONENTS	MATERIAL	FINISH [C]	
			RAL 9005	RAL 7035
3.ZN110.001	Holder, Base,	ZAMAK 5	04	05
	Pin Washer, Nut	Steel zinc plated		

How to order:

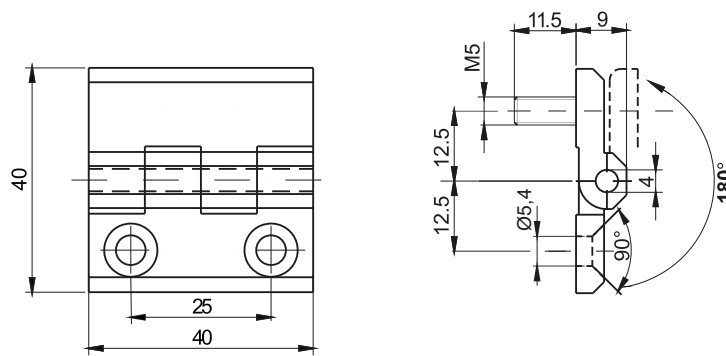
Catalogue number

Finish

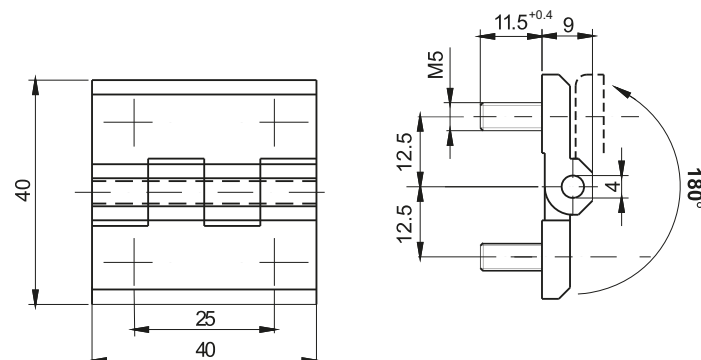
3.ZN115.001 — C



CATALOGUE NUMBER	COMPONENTS	MATERIAL	FINISH [C]			
			Chrome	RAL9005	RAL7035	Stainless steel
3.ZN60.001	Holder, Base	ZAMAK 5 *	01	04	05	-
	Pin	Stainless steel *				
3.ZN60.001PA	Holder, Base	Polyamide	-	07	-	-
	Pin	Stainless steel *				
3.ZN60.003SN	Holder, Base, Pin	Stainless steel polished	-	-	-	9.1



CATALOGUE NUMBER	COMPONENTS	MATERIAL	FINISH [C]		
			Chrome	RAL9005	RAL7035
3.ZN60.004	Holder, Base	ZAMAK 5 *	01	04	05
	Screw	Steel zinc plated *			
	Screw	Steel zinc plated *			



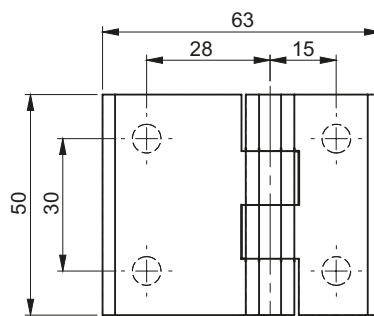
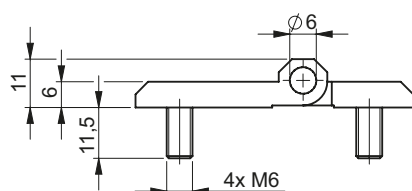
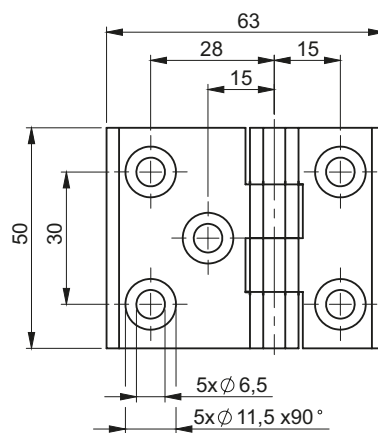
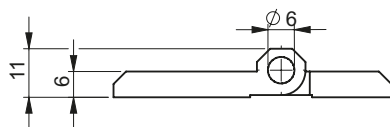
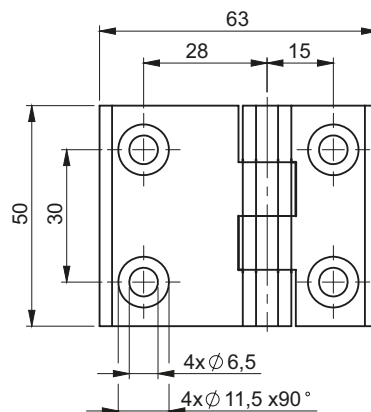
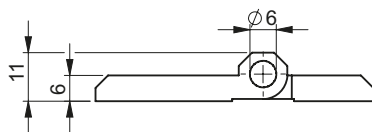
CATALOGUE NUMBER	COMPONENTS	MATERIAL	FINISH [C]		
			Chrome	RAL9005	RAL7035
3.ZN60.002	Holder, Base	ZAMAK 5 *	01	04	05
	Pin	Steel zinc plated *			
	Screw	Steel zinc plated *			

How to order:

Catalogue number
Finish

3.ZN60.001 — C

3.509.XY



where:

X - the way of assembling the hinge

0 - version with 4 holes

1 - version with 5 holes

3 - version with 4 screw

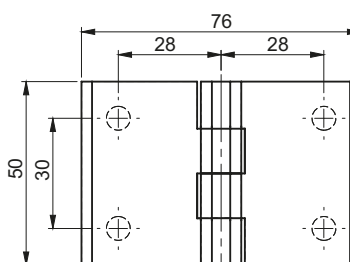
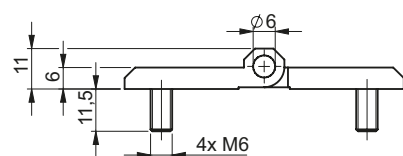
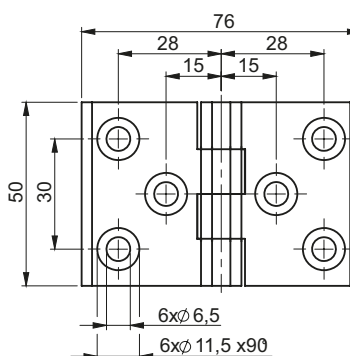
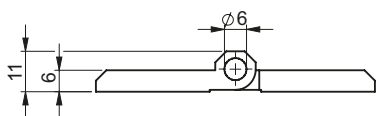
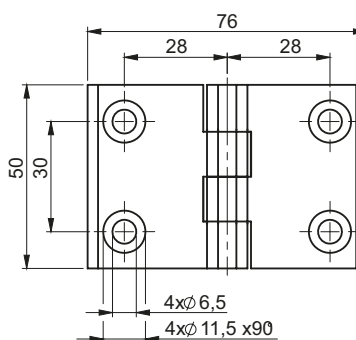
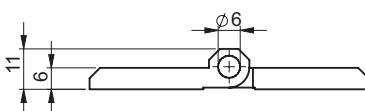
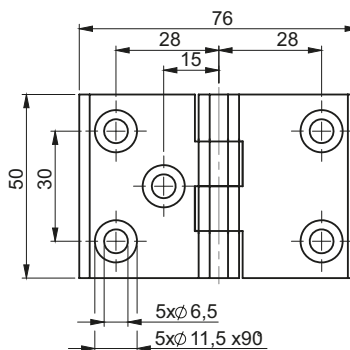
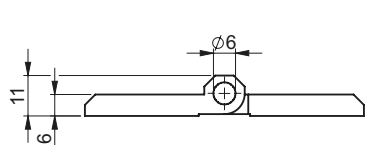
Y - finish

1 - Chrome

2 - RAL 9005

HINGE	FINISH	
3.509.XY	01	02
	11	12
	31	32

CATALOGUE NUMBER	COMPONENTS	MATERIAL
3.509.XY	Holder, Base	ZAMAK 5
	Pin	Stainless steel
	Screw	Steel zinc plated



where:

X - the way of assembling the hinge

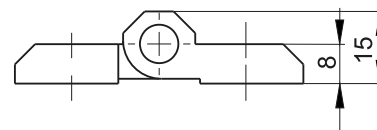
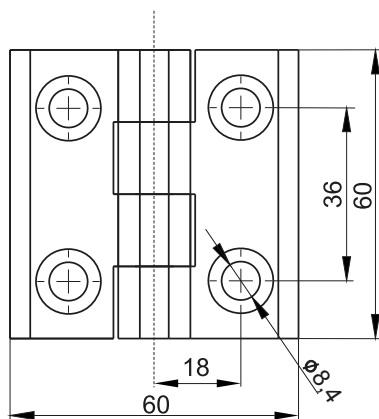
- 0 - version with 4 holes
- 1 - version with 5 holes
- 2 - version with 6 holes
- 3 - version with 4 screw

Y - finish

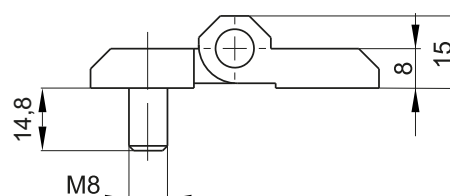
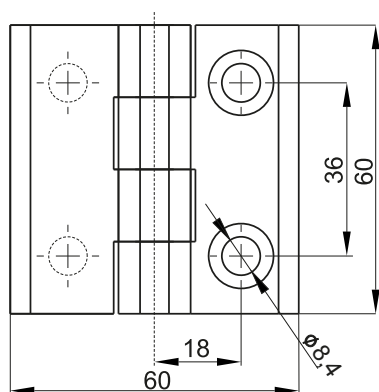
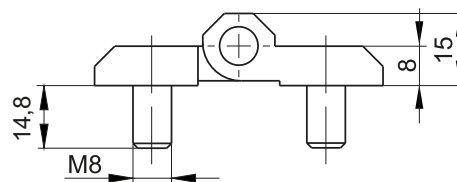
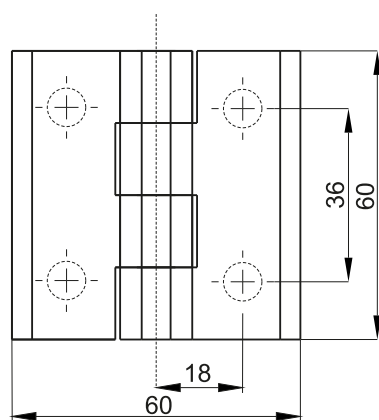
- 1 - Chrome
- 2 - RAL 9005
- 3 - Polyamide

HINGE	FINISH		
	01	02	-
3.510.XY	11	12	-
	21	22	23
	31	32	-

CATALOGUE NUMBER	COMPONENTS	MATERIAL
3.510.XY	Holder, Base	ZAMAK 5/ Polyamide
	Pin	Stainless steel
	Screw	Steel zinc plated



Use screws M8 DIN965



where:

X- the way of assembling the hinge

1 - version with 4 holes

2 - version with 4 threaded pins

3 - version with 2 holes and 2

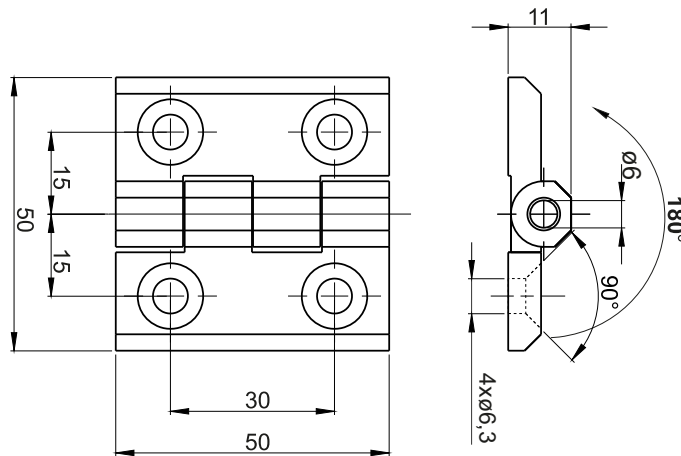
Y- finish

1 - Chrome

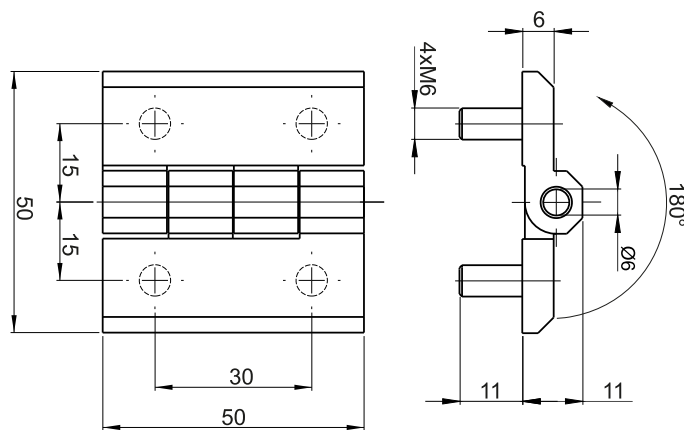
2 - RAL 9005

HINGE	FINISH	
	3.511.XY	11
21		22
31		32

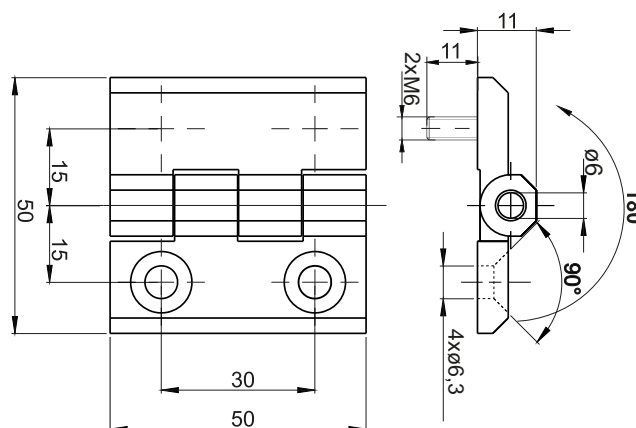
CATALOGUE NUMBER	COMPONENTS	MATERIAL
3.511.XY	Holder, Base	ZAMAK 5
	Pin	Steel zinc plated



CATALOGUE NUMBER	COMPONENTS	MATERIAL	FINISH [C]		
			Chrome	RAL9005	RAL7035
3.ZN65.001	Holder, Base	ZAMAK 5 *	01	04	05



CATALOGUE NUMBER	COMPONENTS	MATERIAL	FINISH [C]		
			Chrome	RAL9005	RAL7035
3.ZN65.002	Holder, Base	ZAMAK 5*	01	04	05
	Screw	Steel zinc plated*			

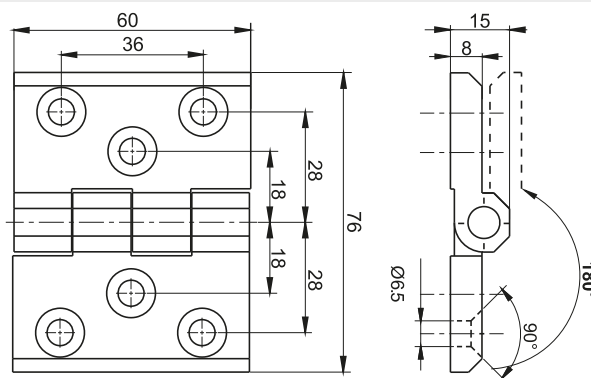


CATALOGUE NUMBER	COMPONENTS	MATERIAL	FINISH [C]		
			Chrome	RAL9005	RAL7035
3.ZN65.003	Holder, Base	ZAMAK 5*	01	04	05
	Screw	Steel zinc plated*			

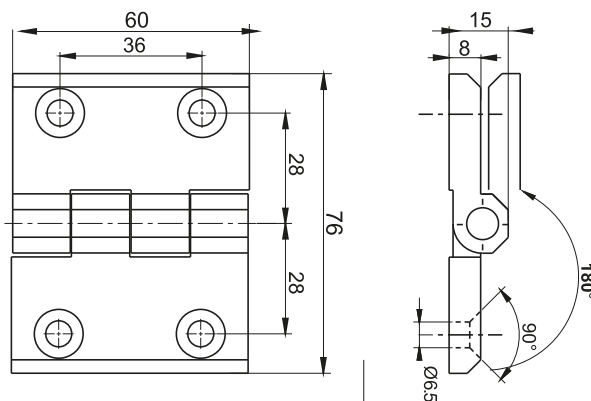
How to order:

Catalogue number
Finish

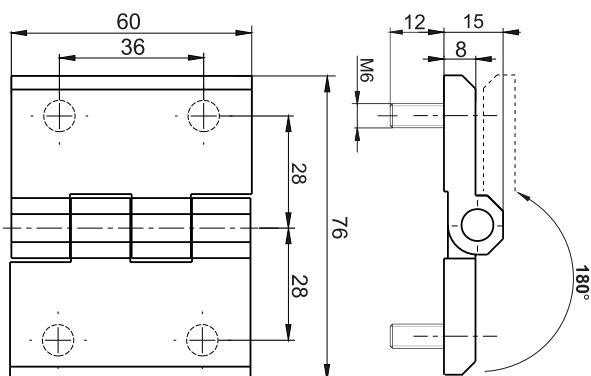
3.ZN65.001 — C



CATALOGUE NUMBER	COMPONENTS	MATERIAL	FINISH [C]		
			Chrome	RAL9005	RAL7035
3.ZN66.001	Holder, Base	ZAMAK 5	01	04	05
	Pin	Stainless steel			



CATALOGUE NUMBER	COMPONENTS	MATERIAL	FINISH [C]		
			Chrome	RAL9005	RAL7035
3.ZN66.002	Holder, Base	ZAMAK 5	01	04	05
	Pin	Stainless steel			

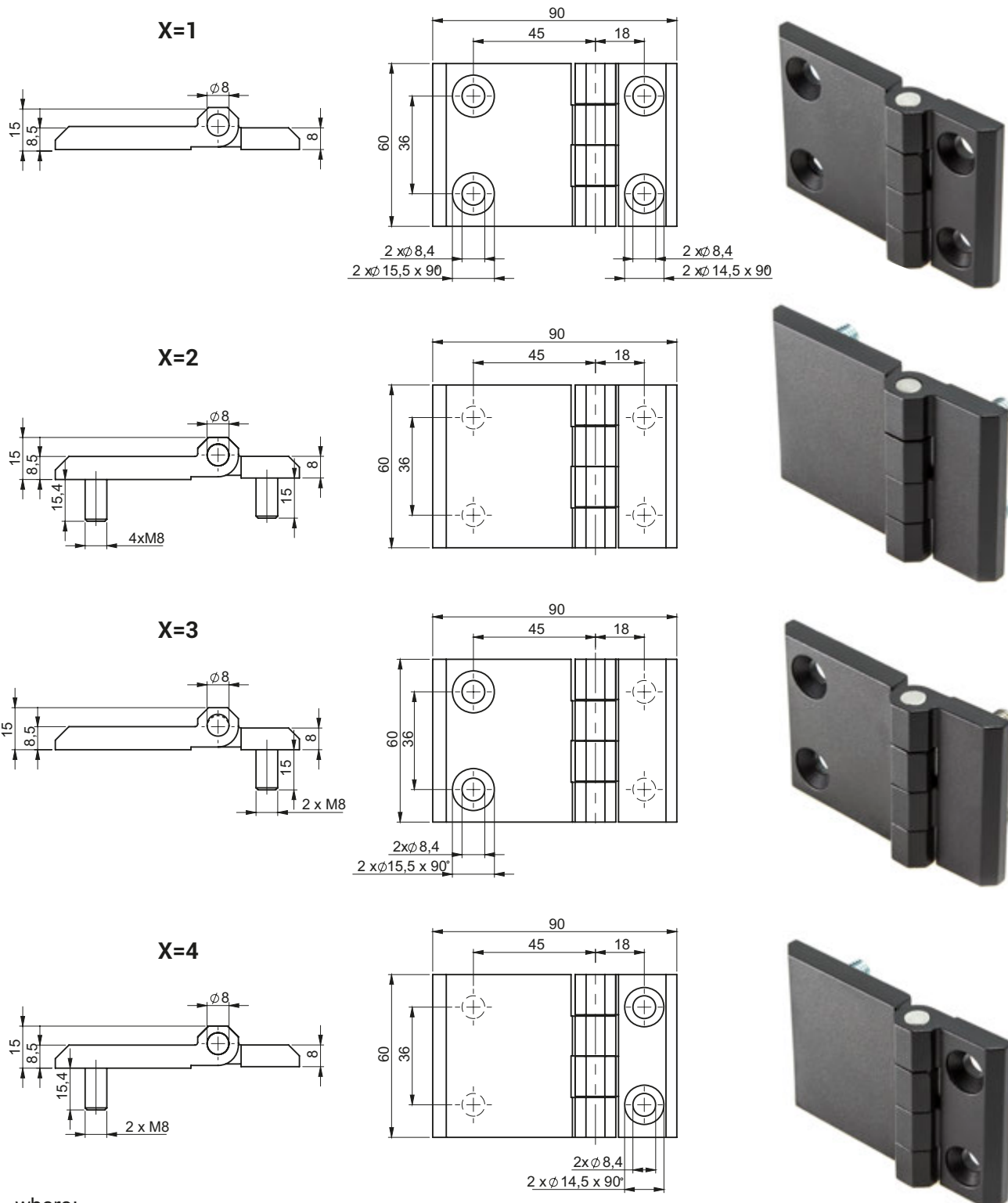


CATALOGUE NUMBER	COMPONENTS	MATERIAL	FINISH [C]	
			RAL9005	RAL7035
3.ZN66.003	Holder, Base	ZAMAK 5	04	05
	Screw	Steel zinc plated*		
	Pin	Stainless steel		

How to order:

Catalogue number
Finish

3.ZN66.001 — C



where:

X- the way of assembling the hinge

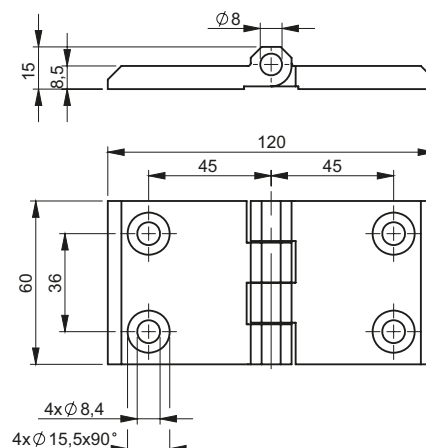
- 1 - version with 4 holes
- 2 - version with 4 threaded pins
- 3 - version with 2 holes and 2 threaded pins
- 4 - version with 2 threaded pins and 2 holes

Y- finish

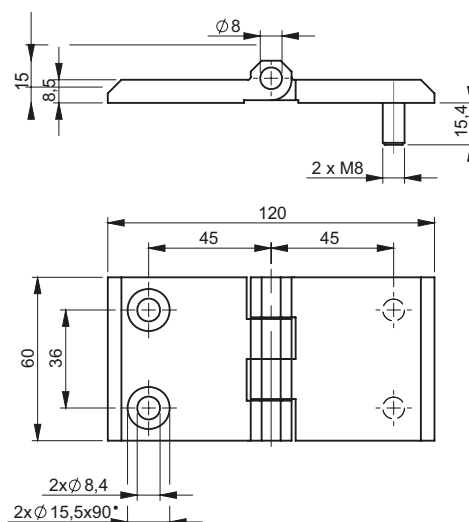
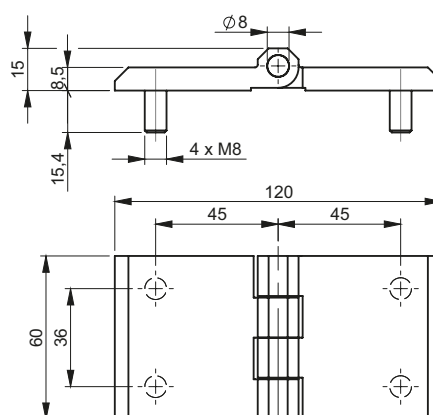
- 1 - Chrome
- 2 - RAL 9005

HINGE	FINISH	
	3.512.XY	11
21		22
31		32
41		42

CATALOGUE NUMBER	COMPONENTS	MATERIAL
3.512.XY*	Holder, Base	ZAMAK 5
	Pin	Steel zinc plated



Use screws
M8 DIN965

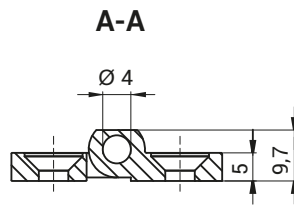
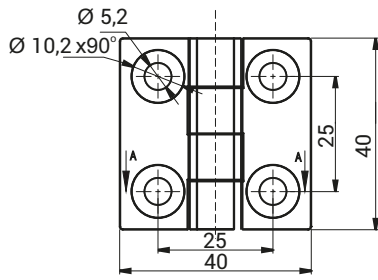


where:

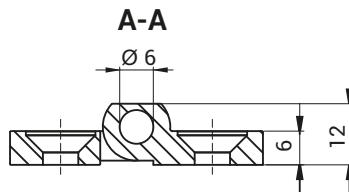
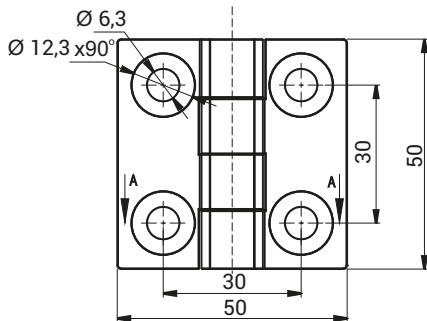
- X** - the way of assembling the hinge
 - 1 - version with 4 holes
 - 2 - version with 4 threaded pins
 - 3 - version with 2 holes and 2 threaded pins
- Y** - finish
 - 1 - Chrome
 - 2 - RAL 9005

HINGE	FINISH	
3.513.XY	11	12
	21	22
	31	32

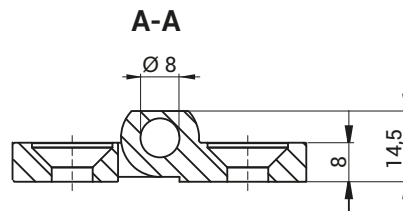
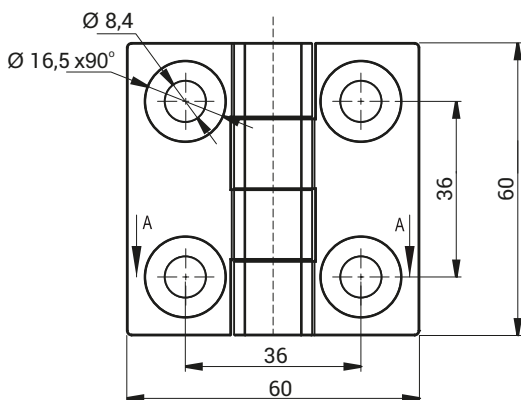
CATALOGUE NUMBER	COMPONENTS	MATERIAL
3.513.XY	Holder, Base	ZAMAK 5
	Pin	Steel zinc plated



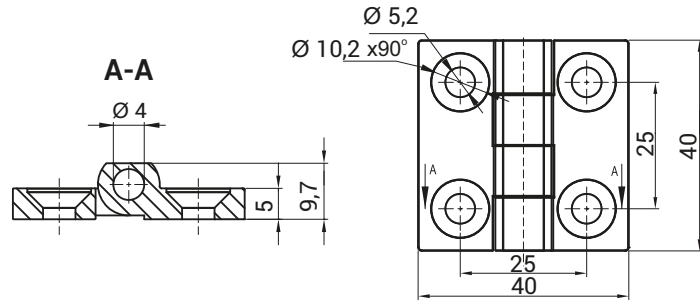
CATALOGUE NUMBER	COMPONENTS	MATERIAL	FINISH
3.541.001SN	Holder, Base	Stainless steel	Burnished



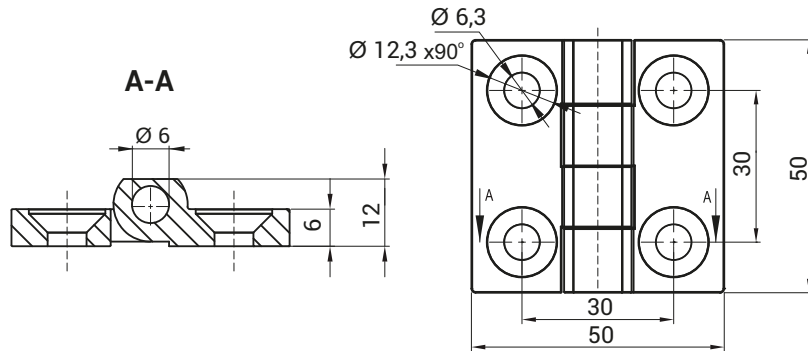
CATALOGUE NUMBER	COMPONENTS	MATERIAL	FINISH
3.541.002SN	Holder, Base	Stainless steel	Burnished



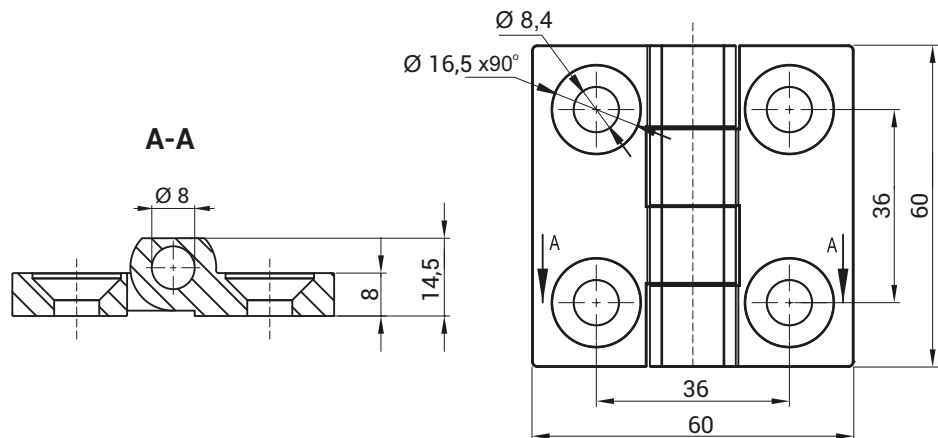
CATALOGUE NUMBER	COMPONENTS	MATERIAL	FINISH
3.541.003SN	Holder, Base	Stainless steel	Burnished



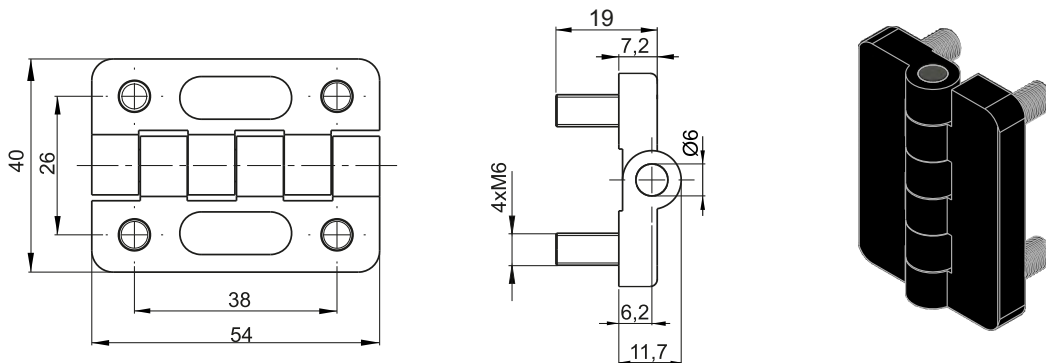
CATALOGUE NUMBER	COMPONENTS	MATERIAL	FINISH [C]
			RAL 9005
3.540.001SN	Holder, Base	Stainless steel	04



CATALOGUE NUMBER	COMPONENTS	MATERIAL	FINISH [C]
			RAL 9005
3.540.002SN	Holder, Base	Stainless steel	04



CATALOGUE NUMBER	COMPONENTS	MATERIAL	FINISH [C]
			RAL 9005
3.540.003SN	Holder, Base	Stainless steel	04



CATALOGUE NUMBER	COMPONENTS	MATERIAL	FINISH [C]	
			RAL 9005	
3.ZN68.001*	Holder, Base	ZAMAK 5	04	
	Pin	Steel zinc plated		



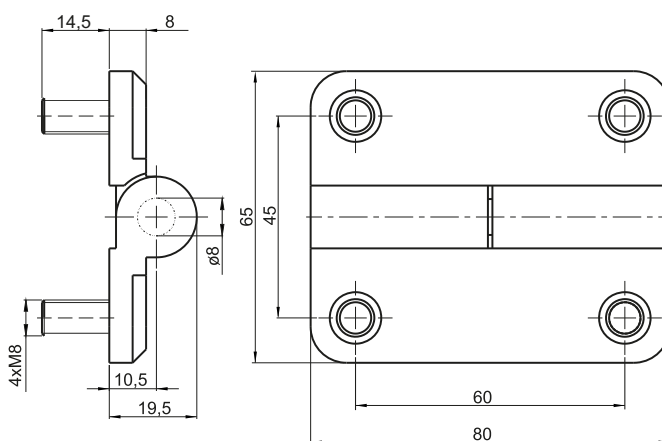
VERSION LEFT

3.ZN67.002
3.ZN67.004



VERSION RIGHT

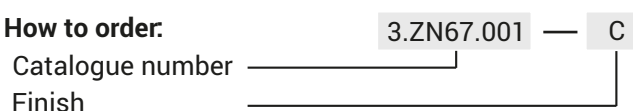
3.ZN67.001
3.ZN67.003

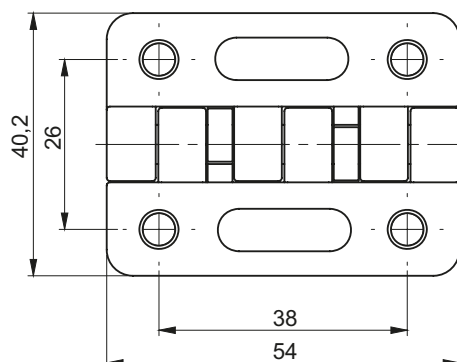
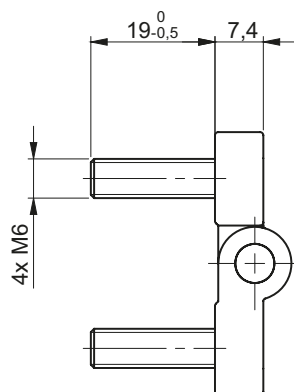


CATALOGUE NUMBER	COMPONENTS	MATERIAL	FINISH [C]	
			RAL 9005	RAL 7035
3.ZN67.001*	Holder, Base	ZAMAK 5	04	-
3.ZN67.002*	Pin	Steel zinc plated		
3.ZN67.003*	Holder, Base	ZAMAK 5	-	05
3.ZN67.004*	Pin	Steel zinc plated		

* possibility to order stainless steel pin.

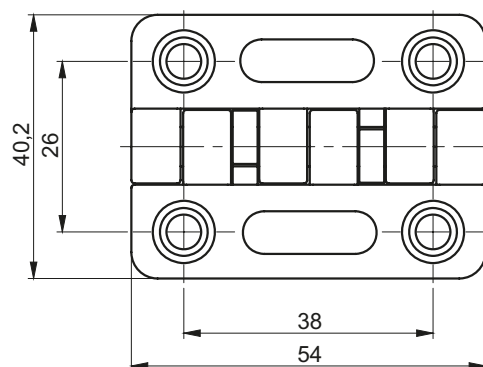
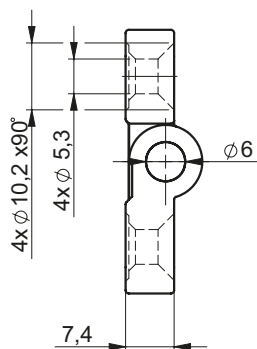
How to order:





Type	Friction torque
3.543.001	47kg.cm ± 15%
3.543.002	12kg.cm ± 15%

CATALOGUE NUMBER	COMPONENTS	MATERIAL	FINISH [C]
			RAL 9005
3.543.001	Holder, Base	ZAMAK5	04
3.543.002	Pin	Stainless steel	-

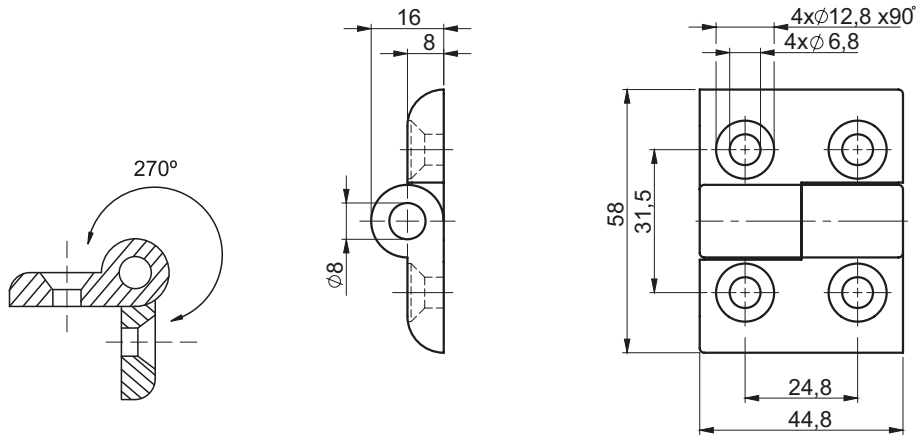


Type	Friction torque
3.543.101	47kg.cm ± 15%
3.543.102	12kg.cm ± 15%

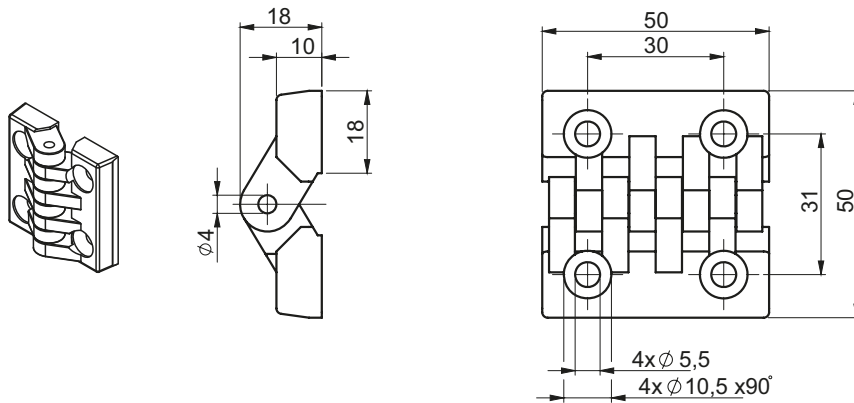
CATALOGUE NUMBER	COMPONENTS	MATERIAL	FINISH [C]
			RAL 9005
3.543.101	Holder, Base	ZAMAK5	04
3.543.102	Holder, Base	ZAMAK5	04

Hinges with linear course of frictional resistance.

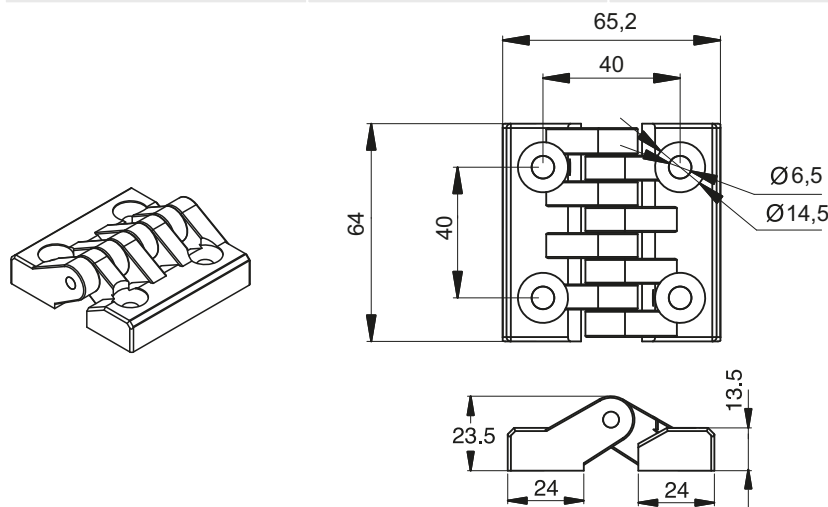
How to order:
 Catalogue number 3.543.001
 Finish C



CATALOGUE NUMBER	VERSION	COMPONENTS	MATERIAL	FINISH [C]
				RAL 9005
3.544.001	Right	Holder, Base	Polyamide	07
3.544.002	Left			-



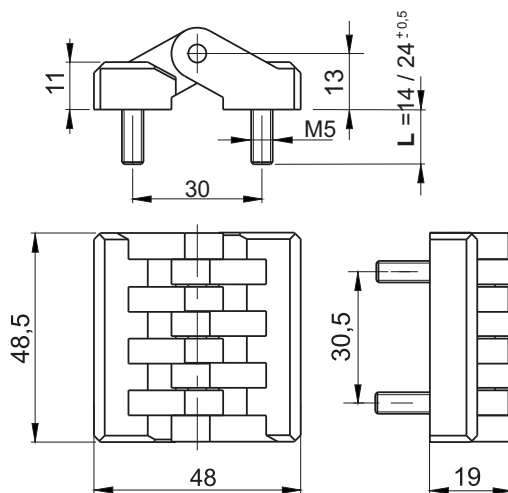
CATALOGUE NUMBER	COMPONENTS	MATERIAL	FINISH [C]
			RAL 9005
3.545.001	Holder, Base	Polyamide	07
	Pin	Steel zinc plated	-



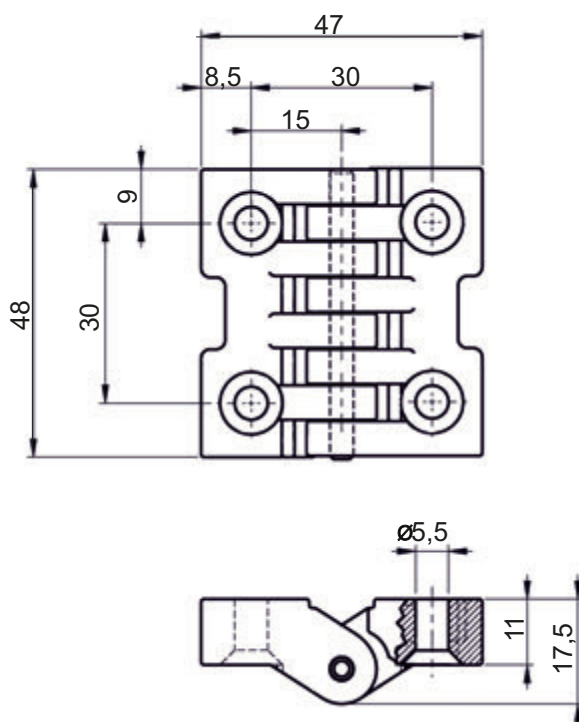
CATALOGUE NUMBER	COMPONENTS	MATERIAL	FINISH [C]
			RAL 9005
3.545.002	Holder, Base	Polyamide	07
	Pin	Steel zinc plated	-

How to order:

Catalogue number 3.545.001 — C
 Finish _____



CAT. NUMBER	DIMENSION L	COMPONENTS	MATERIAL	FINISH [C]	
				RAL 9005	
3.ZN48-PA.001	14	Holder, Base	Polyamide Pa6	07	
3.ZN48-PA.101	24	Pin, Studs	Steel zinc plated		
3.ZN48-PA.102 SN	14	Holder, Base	Polyamide Pa6		
3.ZN48-PA.103 SN	24	Pin, Studs	Stainless steel		



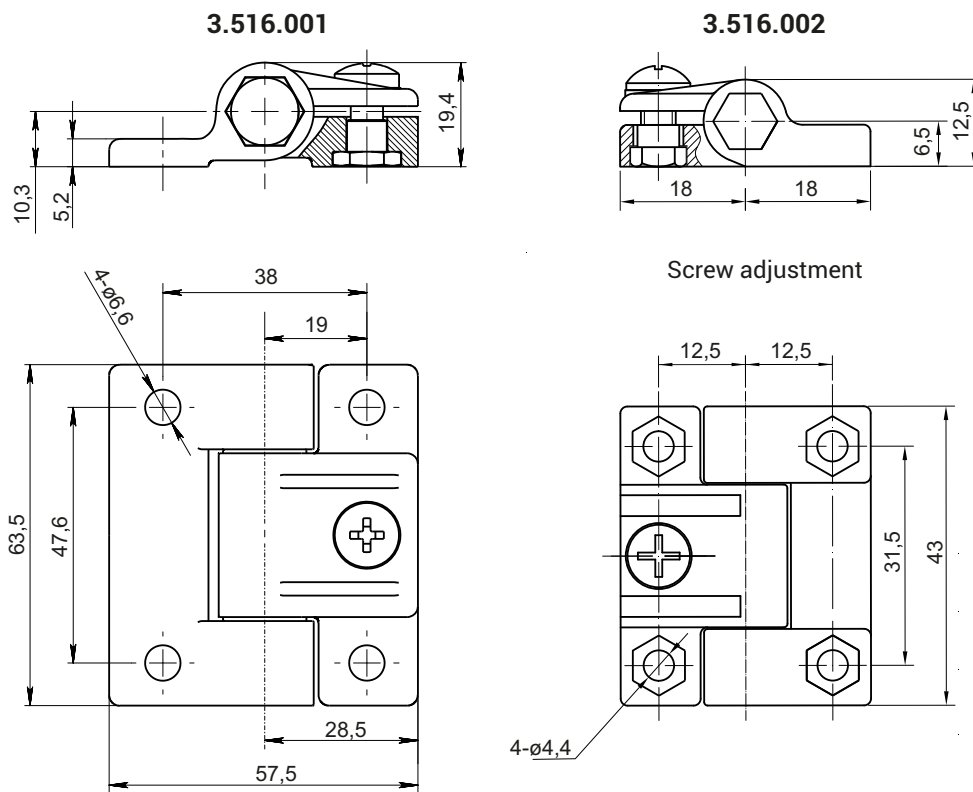
CATALOGUE NUMBER	COMPONENTS	MATERIAL	FINISH [C]	
			RAL9005	RAL7035
3.527.001	Holder, Base	Polyamide	07	08
	Pin	Steel zinc plated		

How to order:

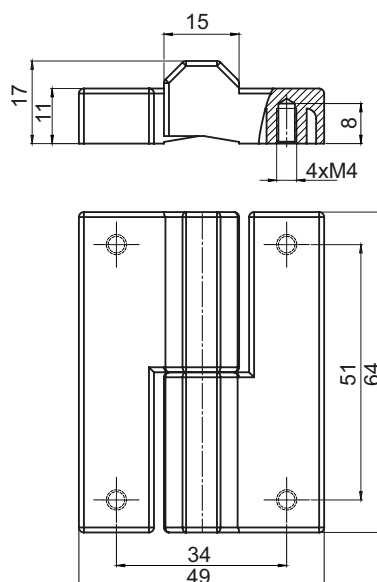
Catalogue number

Finish

3.526.001 — C

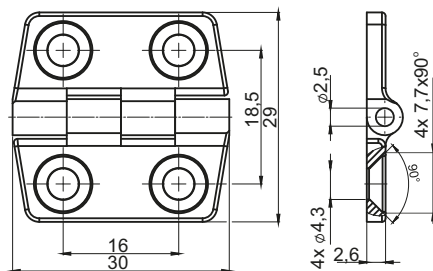


CATALOGUE NUMBER	COMPONENTS	MATERIAL	FINISH [C]	
			RAL 9005	
3.516.001	Holder, Base	Polyamide	07	
3.516.002	Pin	Steel zinc plated	-	

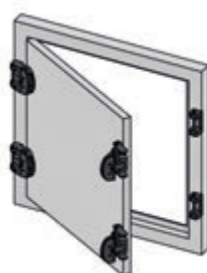
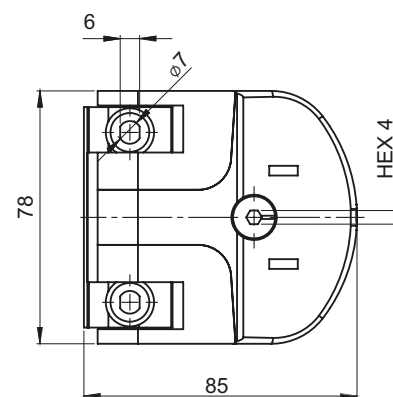
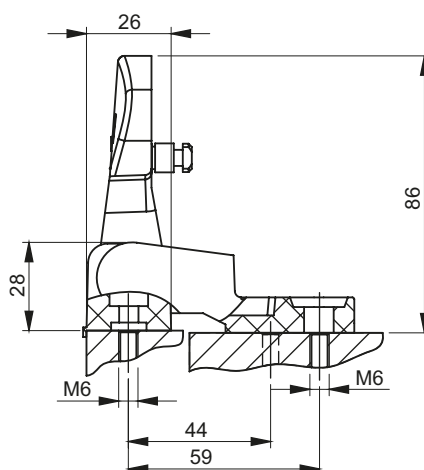
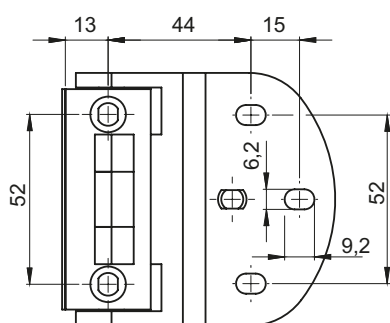


CATALOGUE NUMBER	VERSION	COMPONENTS	MATERIAL	FINISH [C]		
				Chrome	RAL9005	RAL7035
3.526.001	RIGHTS	Holder, Base	ZAMAK 5	01	04	05
3.526.002	LEFT	Pin	Steel zinc plated			

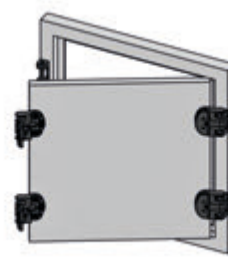
How to order:
 Catalogue number 3.526.001
 Finish C



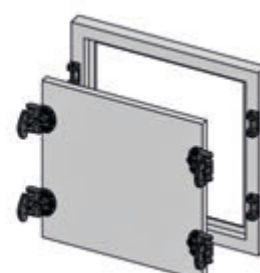
CATALOGUE NO.	COMPONENTS	MATERIAL	FINISH [C]
			RAL 9005
3.ZN10.001	Holder, Base,	ZAMAK5	04
	Pin	Steel zinc plated	



Opening the left



Opening the right

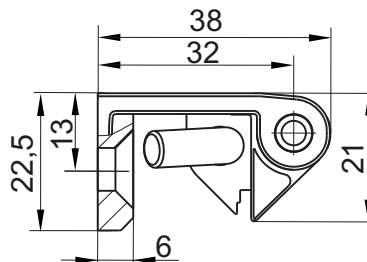
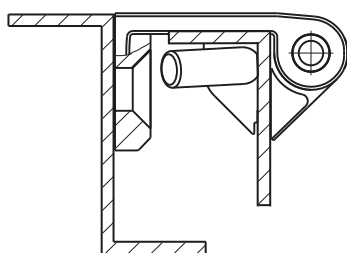
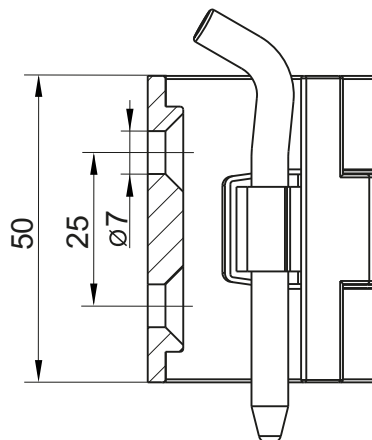
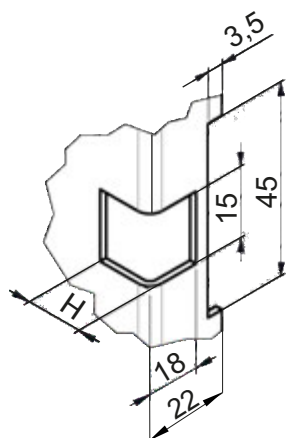


Removing the door

CATALOGUE NO.	DETAIL	MATERIAL	FINISH [C]
			RAL 9005
3.ZN200.001	Hinge with lock function	Polyamide	07

How to order:

Catalogue number 3.ZN10.001 — C
 Finish _____

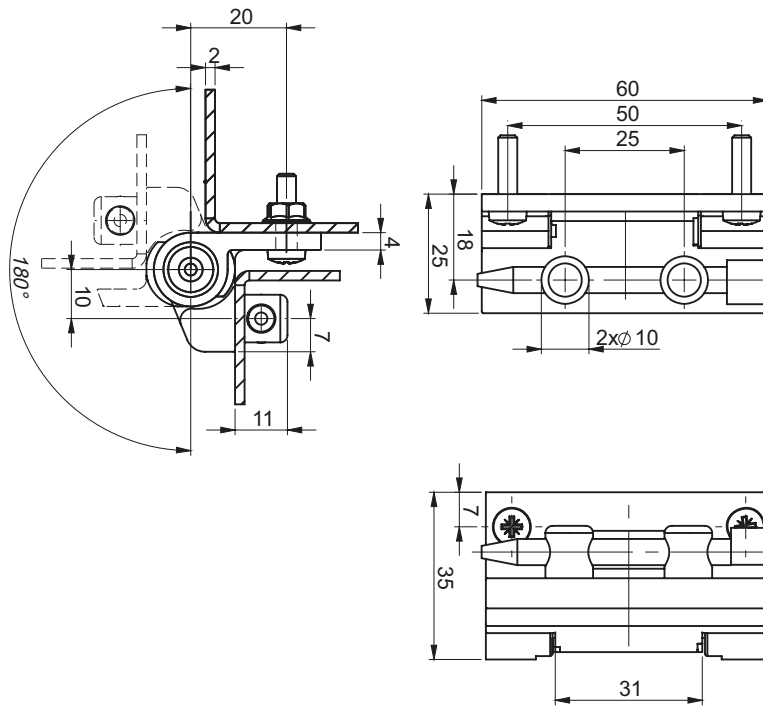


H [mm]	APPLICATION
13	only sheets 1,5 mm
15	only sheets 2 mm

CATALOGUE NUMBER	COMPONENTS	MATERIAL	FINISH [C]		
			Chrome	RAL 9005	RAL 7035
3.ZN105.001*	Holder, Base	ZAMAK 5	01	04	05
	Pin	Steel zinc plated			

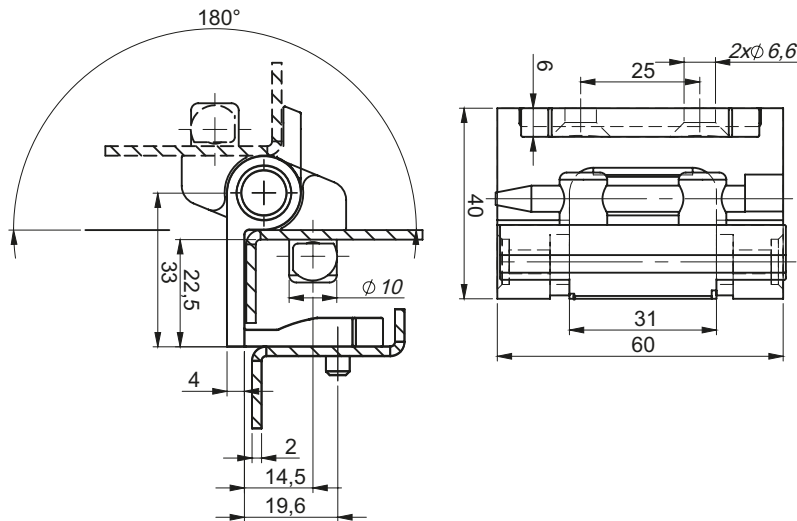
* possibility to order stainless steel pin.
When ordering, specify the color or finishing type

How to order:
 Catalogue number 3.ZN105.001 — C
 Finish



CATALOGUE NUMBER	COMPONENTS	MATERIAL	FINISH [C]	
			Chrome	RAL 9005
3.529.001*	Holder, Base	ZAMAK 5	01	04
	Pin	Steel zinc plated,*		

* possible to order stainless steel pin.



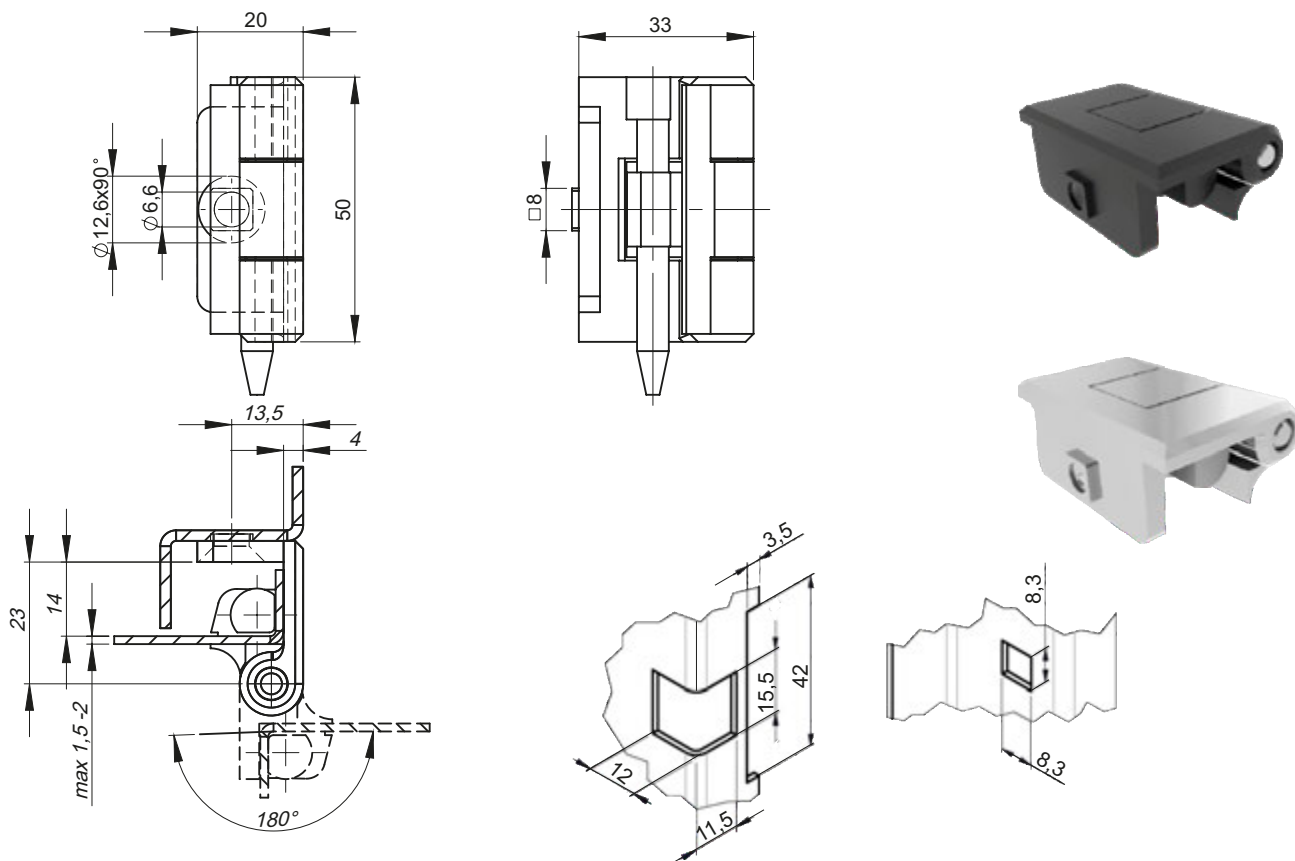
CATALOGUE NUMBER	COMPONENTS	MATERIAL	FINISH [C]	
			Chrome	RAL 9005
3.530.001**	Holder, Base	ZAMAK 5	01	04
	Pin	Steel zinc plated		

** possible to order polyamide pin.

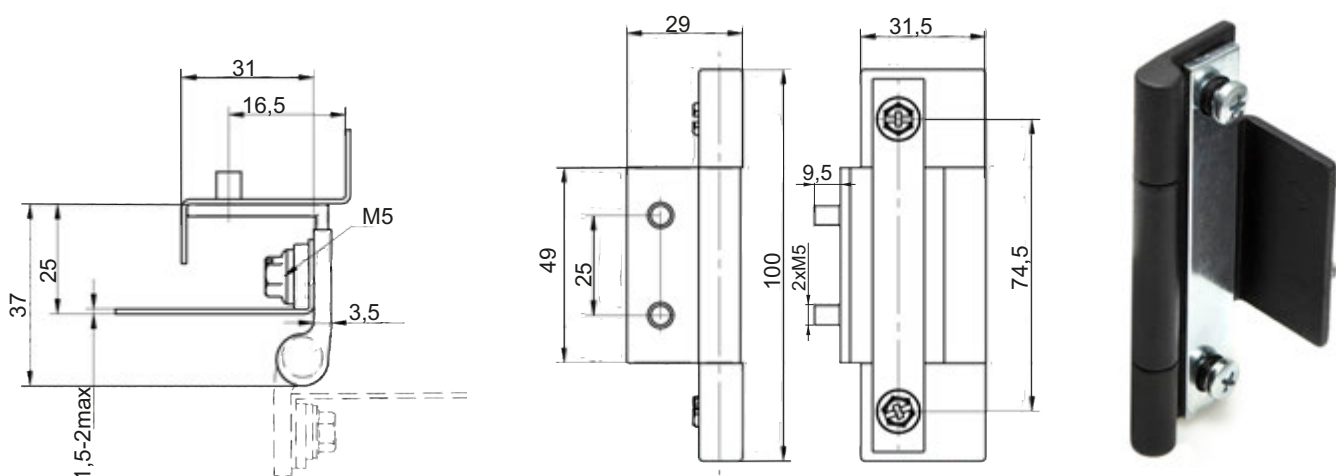
How to order:

Catalogue number
Finish

3.530.001 — C



CATALOGUE NUMBER	COMPONENTS	MATERIAL	FINISH [C]	
			Chrome	RAL 9005
3.532.001*	Holder, Base	ZAMAK 5	01	04
	Pin	Steel zinc plated		



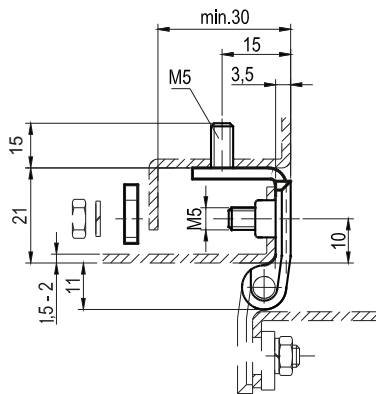
CATALOGUE NUMBER	COMPONENTS	MATERIAL	FINISH [C]	
			Chrome	RAL 9005
3.536.001	Holder	ZAMAK 5	01	04
	Base	Steel zinc plated		

* possibility to order with polyamide pin

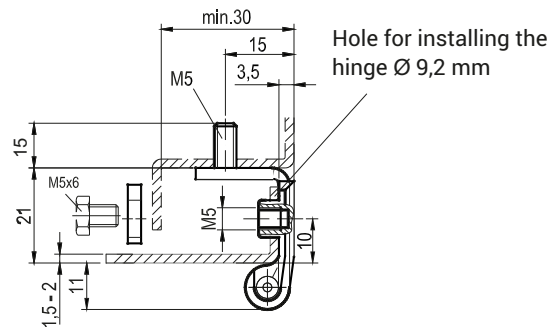
How to order:
 Catalogue number — 3.532.001 — C
 Finish —



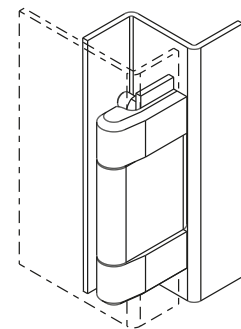
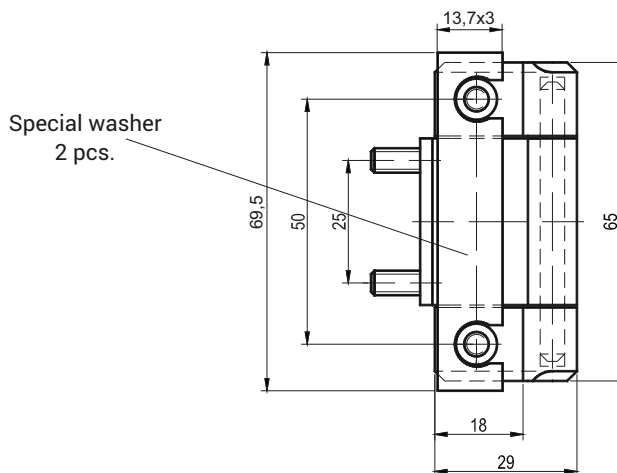
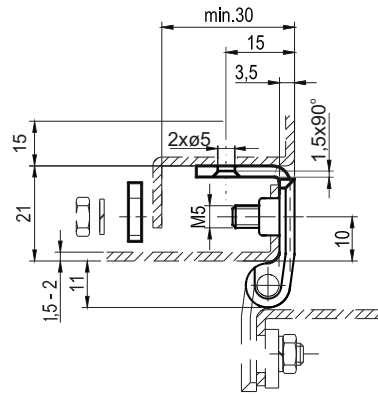
3.ZN120.001



3.ZN120.002



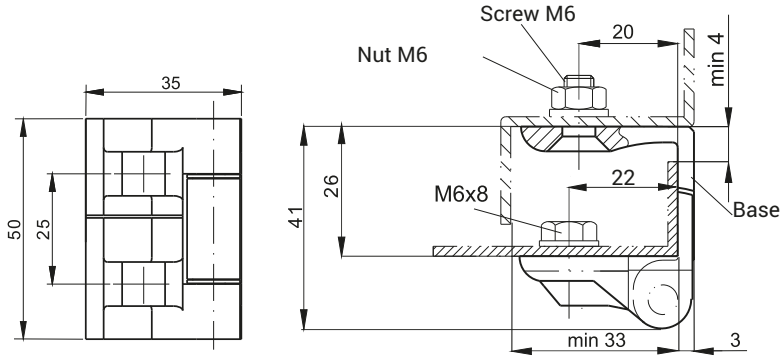
3.ZN120.005



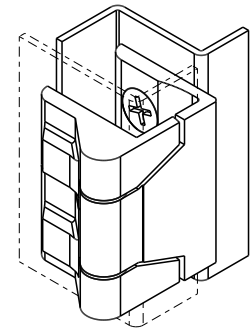
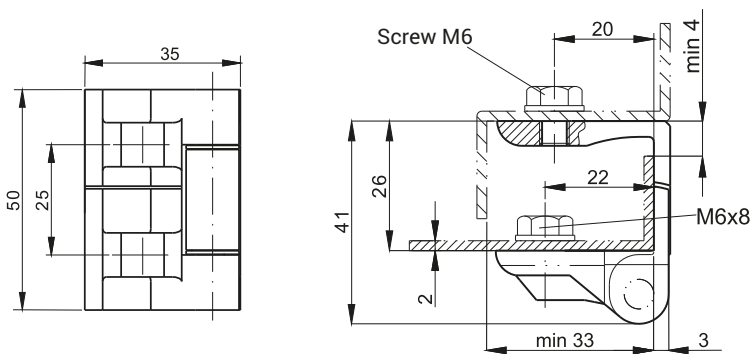
Note:
When using the hinge to sheet a thickness of 1 mm, should order special washer having a thickness of 1 mm

CAT. NUMBER	VERSION	COMPONENTS	MATERIAL	FINISH [C]	
				RAL 9005	RAL 7035
3.ZN120.001	Stud M5	Holder	ZAMAK 5		
3.ZN120.002	Hole M5	Pin, Base	Steel zinc plated	04	05
3.ZN120.005	Hole M5	Pin, Base	Steel zinc plated		

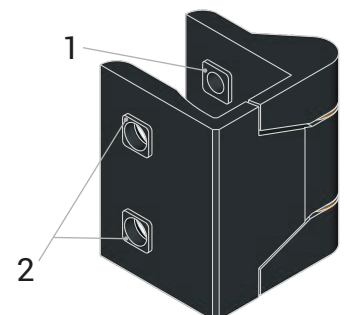
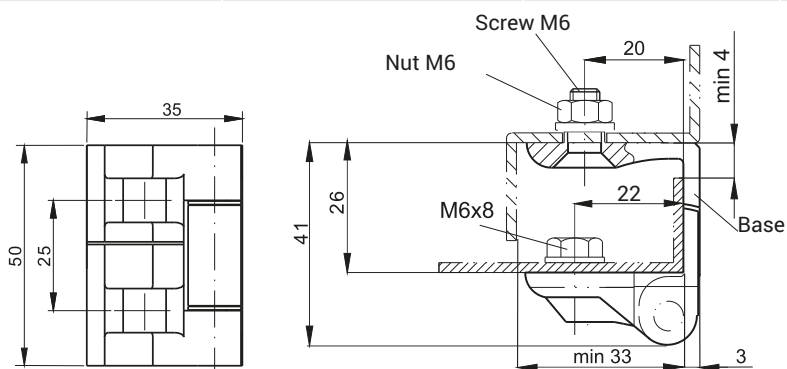
When ordering, specify the color or finishing type



CATALOGUE NUMBER	COMPONENTS	MATERIAL	FINISH [C]	
			RAL 9005	RAL 7035
3.ZN130.001	Holder	ZAMAK 5		
	Base	ZAMAK 5	04	05
	Pin	Steel zinc plated		



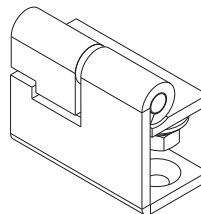
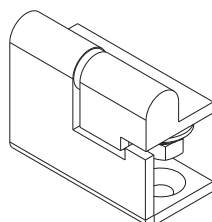
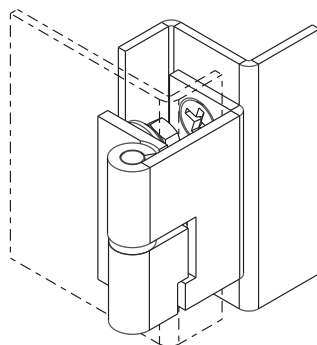
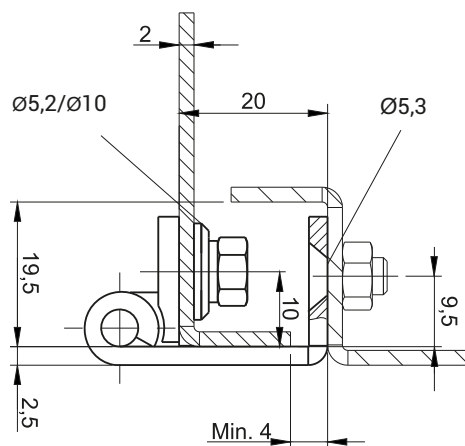
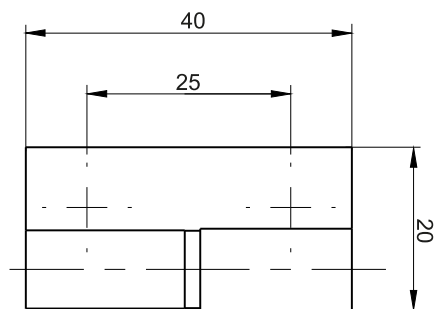
CATALOGUE NUMBER	COMPONENTS	MATERIAL	FINISH [C]	
			RAL 9005	RAL 7035
3.ZN130.002/M6	Holder	ZAMAK 5		
	Base	ZAMAK 5	04	05
	Pin	Steel zinc plated		



1. Holder with shoulder □ 8x1 mm in standard version
2. Base with shoulder □ 8x1 mm in version 3.ZN130.003

CATALOGUE NUMBER	COMPONENTS	MATERIAL	FINISH [C]	
			RAL 9005	RAL 7035
3.ZN130.003	Holder	ZAMAK 5		
	Base	ZAMAK 5	04	05
	Pin	Steel zinc plated		

How to order:
 Catalogue number 3.ZN130.001 — C
 Finish _____

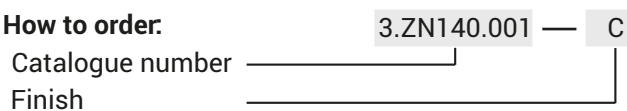


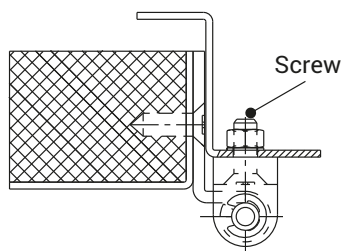
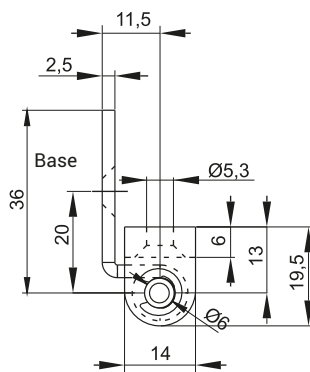
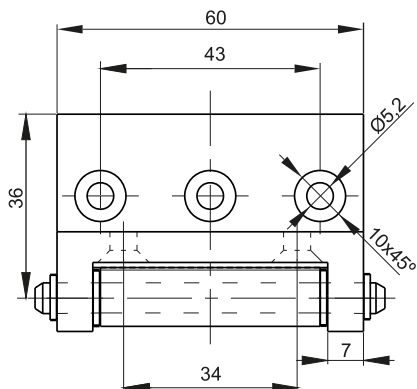
3.ZN140.001
RIGHT VERSION

3.ZN140.002
LEFT VERSION

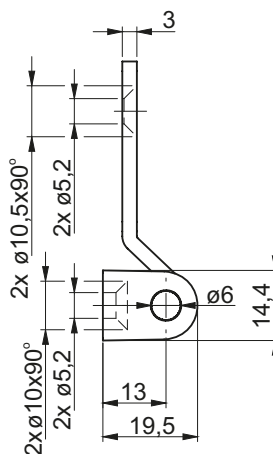
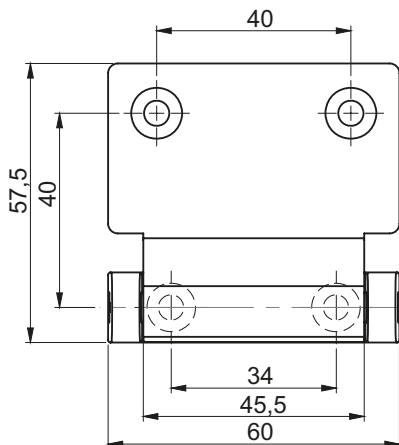
CATALOGUE NUMBER	COMPONENTS	MATERIAL	FINISH [C]	
			RAL 9005	RAL 7035
3.ZN140.001	Holder	Brass	04	05
	Base	Steel zinc plated		
	Pin	Steel zinc plated		
3.ZN140.001SN	Holder, Base, Pin	Stainless steel	-	-
3.ZN140.002	Holder	Brass	04	05
	Base	Steel zinc plated		
	Pin	Steel zinc plated		
3.ZN140.002SN	Holder, Base, Pin	Stainless steel	-	-

How to order:





CATALOGUE NUMBER	COMPONENTS	MATERIAL
3.ST42.001	Holder	Steel zinc plated
	Base	ZAMAK 5
	Pin	Steel zinc plated



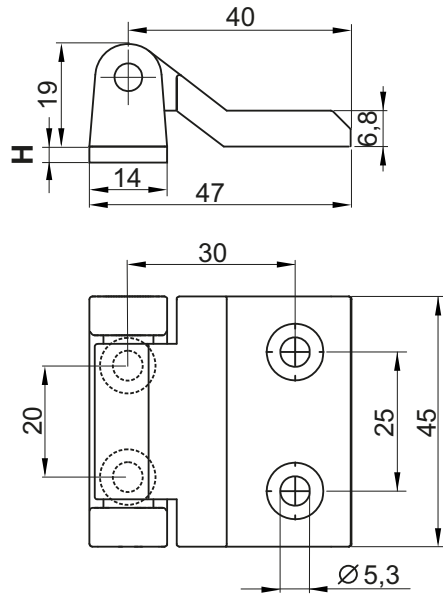
Note:

The hinge supplied as separate parts, handle with foot joint by pushing the pin after mounting the handle.

CATALOGUE NUMBER	COMPONENTS	MATERIAL	FINISH [C]
			RAL 9005
3.ST42.005	Holder	Steel zinc plated	04
	Base	ZAMAK5	
	Pin	Stainless steel	
3.ST42.005SN	Holder	Stainless steel	04
	Base	ZAMAK5	
	Pin	Stainless steel	

How to order:

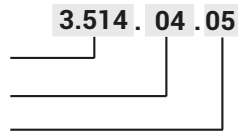
Catalogue number 3.ST42.005 — C
 Finish



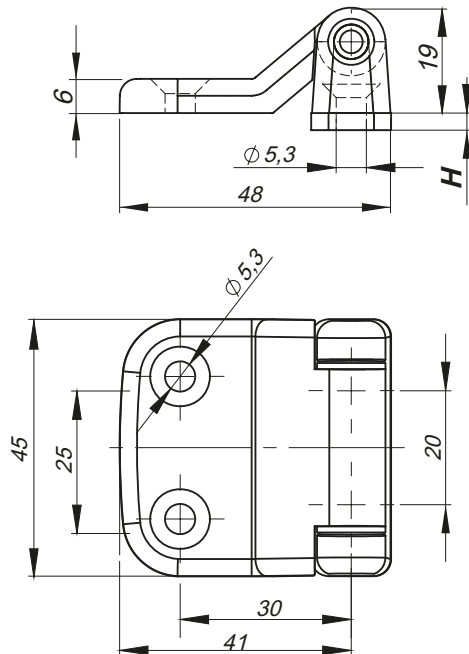
CATALOGUE NUMBER	COMPONENTS	MATERIAL	FINISH [C]	
			Chrome	RAL9005
3.514.C.X	Holder, Base	ZAMAK5	01	04
	Pin	Steel zinc plated	-	-

How to order :

Hinge code
Finish
Height H



H_[mm]	0	3	5	8	10	15
X	00	03	05	08	10	15

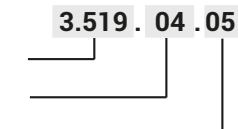


Height H
adjusted
by distance
rings

CATALOGUE NUMBER	COMPONENTS	MATERIAL	FINISH [C]	
			Chrome	RAL9005
3.519.C.X	Holder, Base	ZAMAK5	01	04
	Pin	Stainless steel	-	-
	Sleeve	POM	-	-

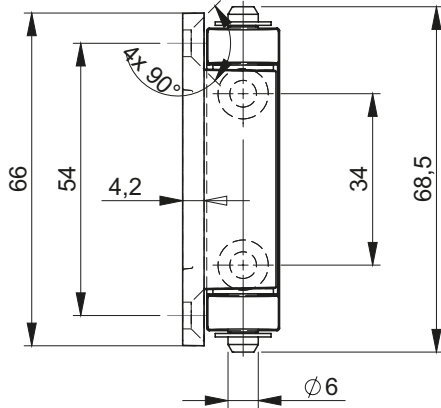
How to order :

Hinge code
Finish
Height H

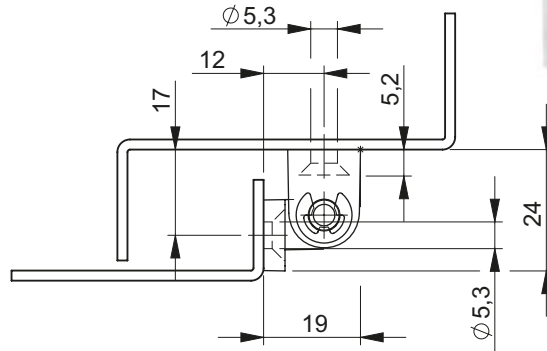


H_[mm]	0	3	5	8	10	15
X	00	03	05	08	10	15

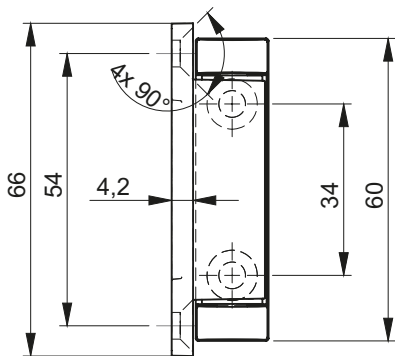
3.531.001



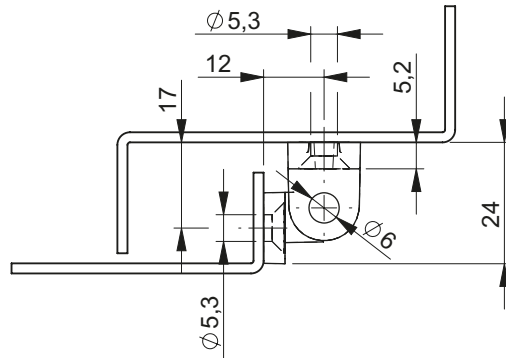
Insert fastening
Collecting plate



3.531.002



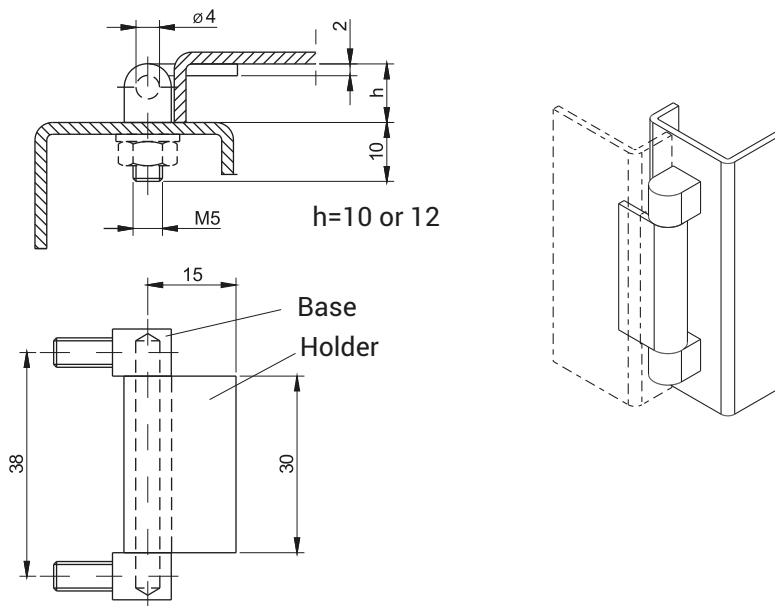
Insert fastening
Knurled



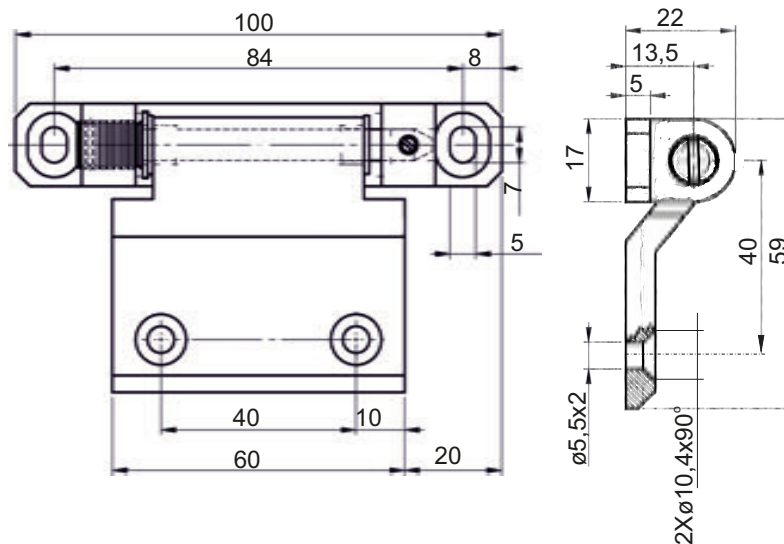
CATALOGUE NUMBER	COMPONENTS	MATERIAL	FINISH [C]	
			Chrome	RAL9005
3.531.001	Holder, Base	ZAMAK 5	01	04
3.531.002	Pin	Steel zinc plated		

How to order:

Catalogue number 3.531.001 — C
 Finish _____

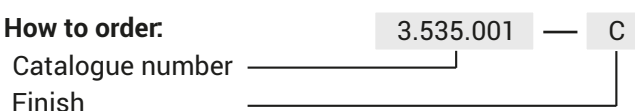


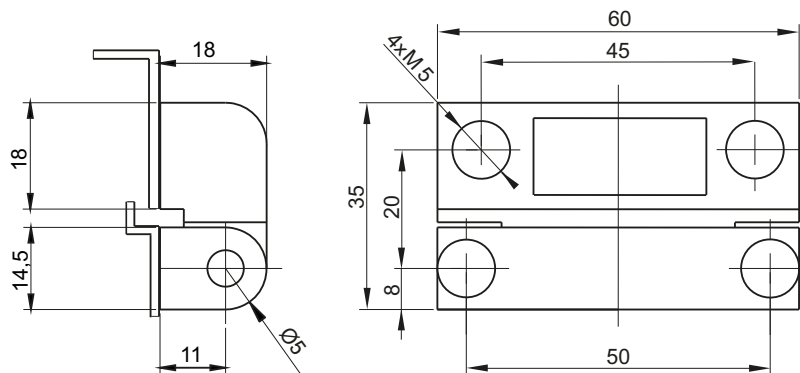
CATALOGUE NUMBER	COMPONENTS	MATERIAL
3.ST23.001	Holder	Steel zinc plated
	Base, Pin	Steel zinc plated
3.ST23.001SN	Holder	Stainless steel
	Base, Pin	Stainless steel



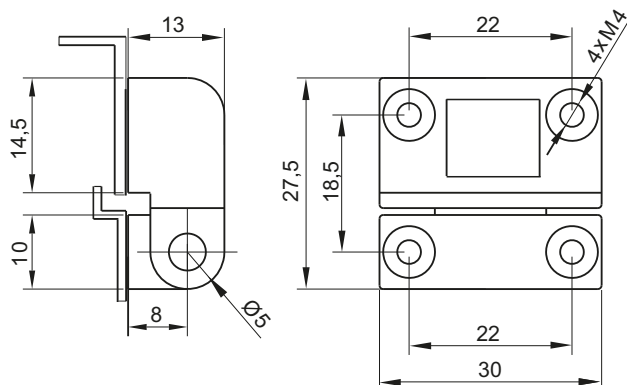
CATALOGUE NUMBER	COMPONENTS	MATERIAL	FINISH [C]	
			Chrome	RAL 9005
3.535.001	Holder	ZAMAK 5	01	04
	Base	ZAMAK 5		

How to order:

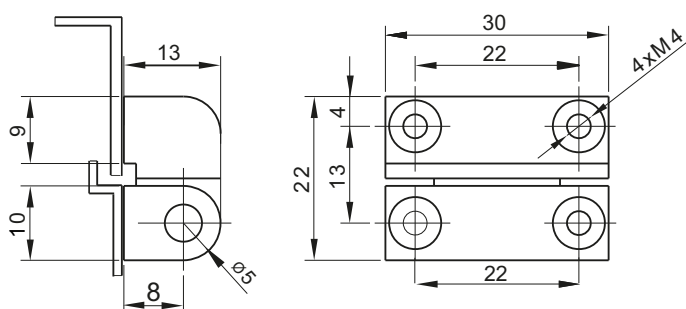




CATALOGUE NUMBER	COMPONENTS	MATERIAL	FINISH [C]	
			Nickel	RAL9005
3.517.001	Holder, Base	ZAMAK 5	04	
	Pin	Steel zinc plated	-	-

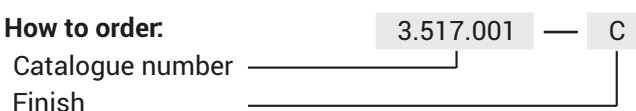


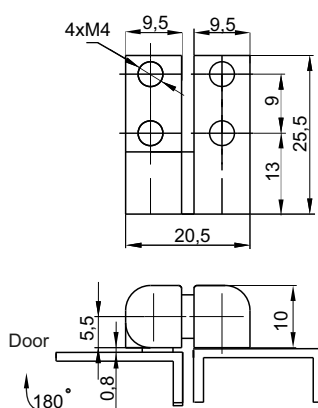
CATALOGUE NUMBER	COMPONENTS	MATERIAL	FINISH [C]	
			Nickel	RAL9005
3.517.002	Holder, Base	ZAMAK 5	02	04
	Pin	Steel zinc plated	-	-



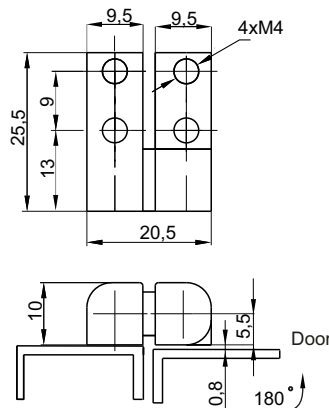
CATALOGUE NUMBER	COMPONENTS	MATERIAL	FINISH [C]	
			Nickel	RAL9005
3.517.003	Holder, Base	ZAMAK 5	02	04
	Pin	Steel zinc plated	-	-

How to order:



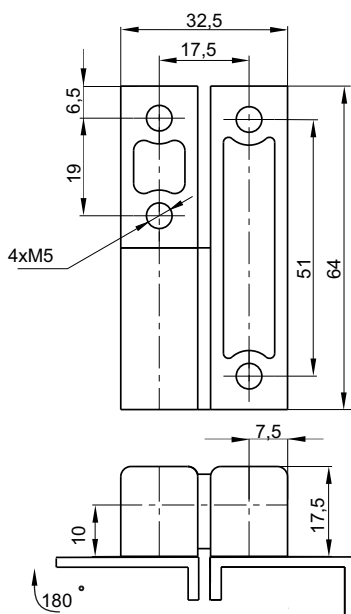


LEFT VERSION

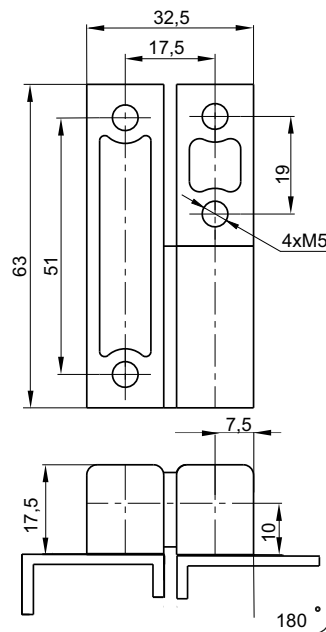


RIGHT VERSION

CATALOGUE NUMBER	COMPONENTS	MATERIAL	FINISH [C]
			RAL 9005
3.518.001	Holder, Base	ZAMAK 5	04
	Pin	Steel zinc plated	



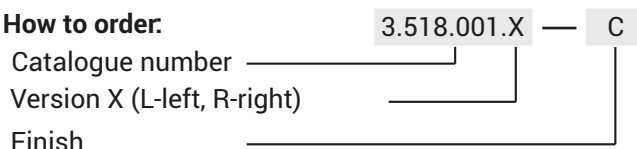
LEFT VERSION



RIGHT VERSION

CATALOGUE NUMBER	COMPONENTS	MATERIAL	FINISH [C]
			RAL 9005
3.518.002	Holder, Base	ZAMAK 5	04
	Pin	Steel zinc plated	

How to order:

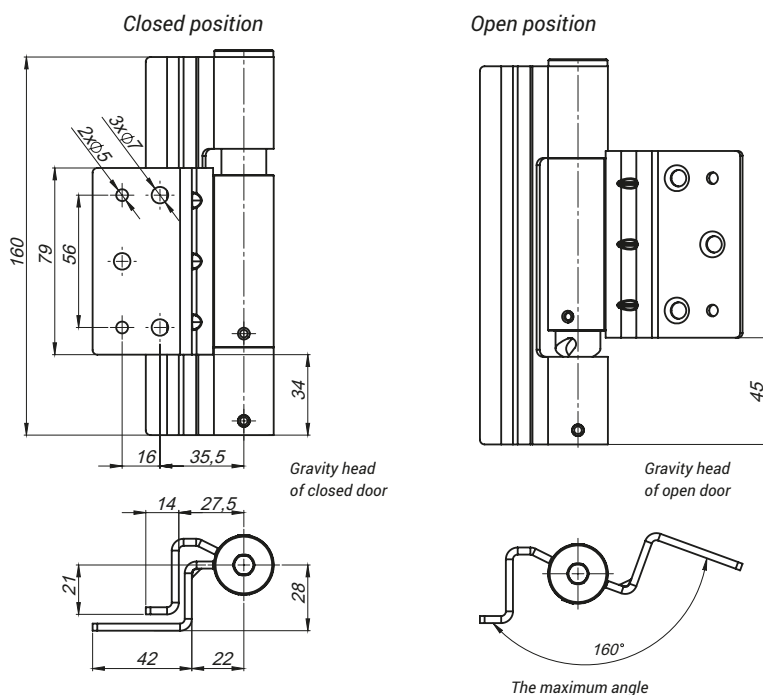


Fire door hinge

3.ST109.003, 3.ST109.004

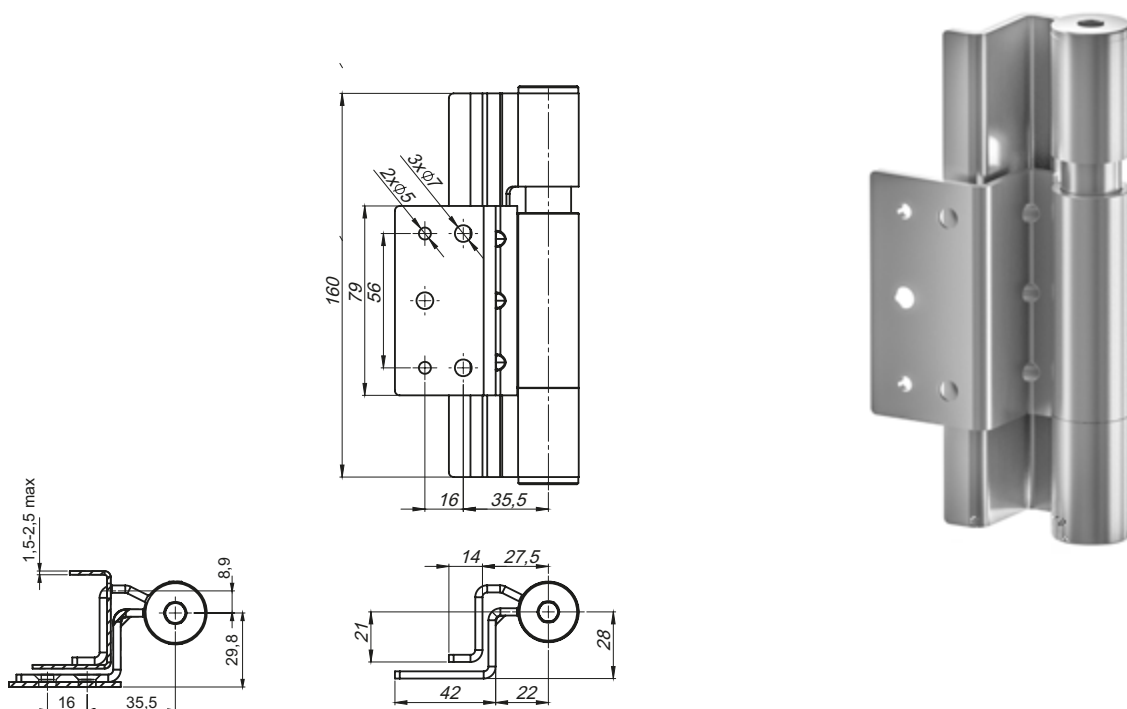
3.ST109.003-A

Right version



CATALOGUE NUMBER	VERSION	COMPONENTS	MATERIAL
3.ST109.003-A	Right	Handle, base	Steel zinc plated
3.ST109.003-B	Left		

Bearing hinge causes automatic door closure and lifting the door while opening.
The set of hinges is 3.ST109.003 + 3.ST109.004 or two hinges 3.ST109.003
Left version is the mirror image of the right version.



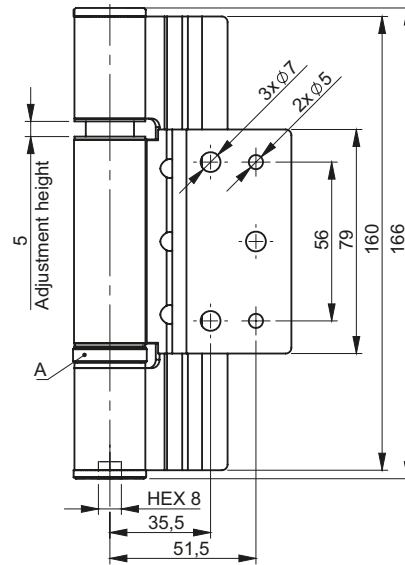
CATALOGUE NUMBER	COMPONENTS	MATERIAL
3.ST109.004	Handle, base	Steel zinc plated

The positioning hinge in door axis cooperates only with the hinge 3.ST109.003

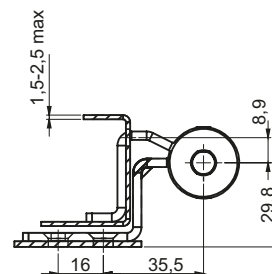
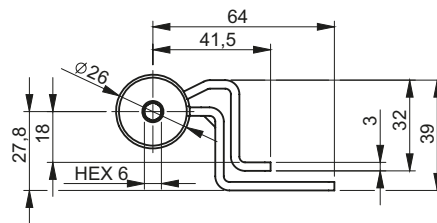
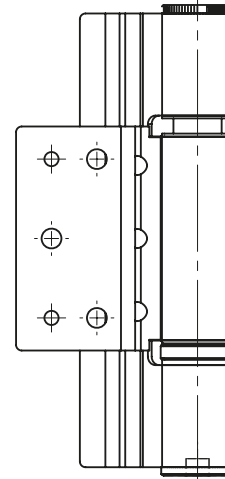
Fire door hinges with high regulation on thread

**3.ST109.007-B**

Left version

**3.ST109.007-A**

Right version



CATALOGUE NUMBER	VERSION	COMPONENTS	MATERIAL
3.ST109.007-A	Right	Holder, Base, Pin	Steel zinc plated
3.ST109.007-B	Left		

A - thrust bearing

Max. load: 80kg

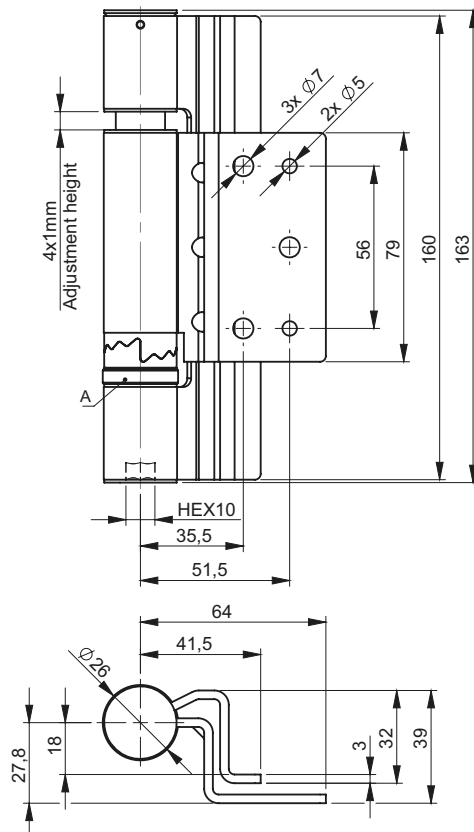
Hinge welded to door frame and screwed into a door

Hinge 3.ST109.007 is compatible with spring hinge 3.ST109.001

Fire door hinges with height regulation

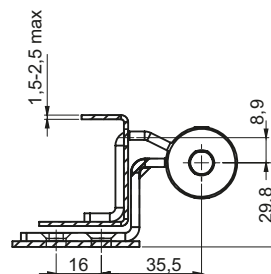
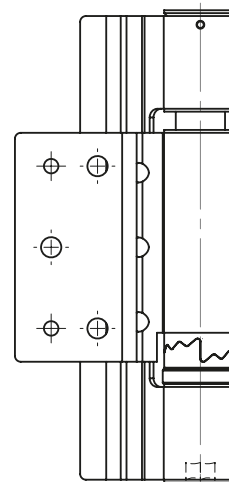
3.ST109.009-B

Left version



3.ST109.009-A

Right version



CATALOGUE NUMBER	VERSION	COMPONENTS	MATERIAL
3.ST109.009-A	Right	Holder, Base, Pin	Steel zinc plated
3.ST109.009-B	Left		

A - thrust bearing

Max. load: 80kg

Hinge welded to door frame and screwed into a door

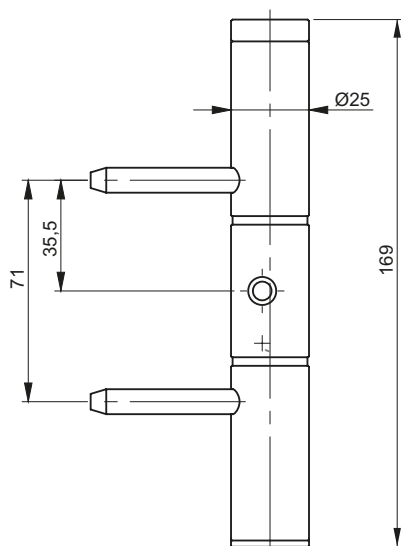
4-stage height adjustment, each stage lifts or lowers the door of 1mm

Hinge 3.ST109.009 is compatible with spring hinge 3.ST109.001

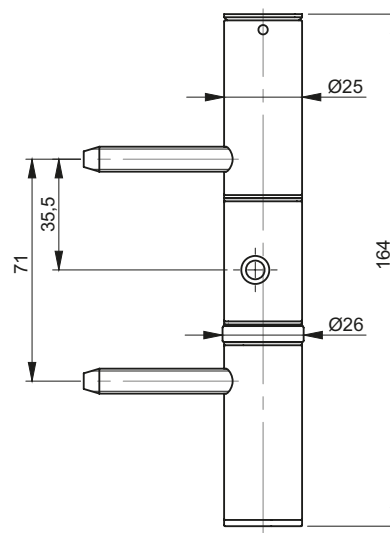


3.ST109.100

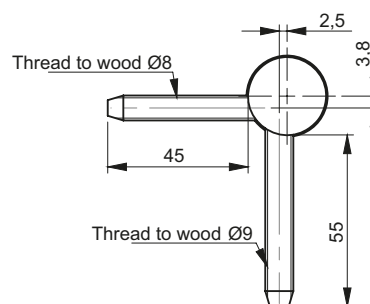
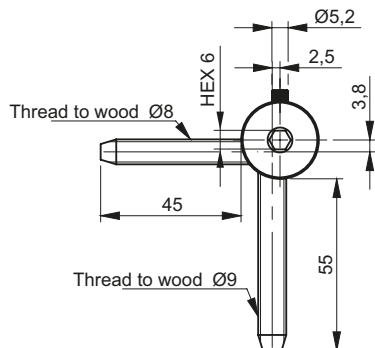
3.ST109.100



3.ST109.101



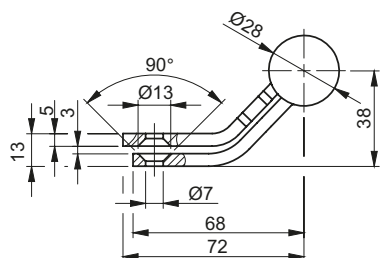
3.ST109.101



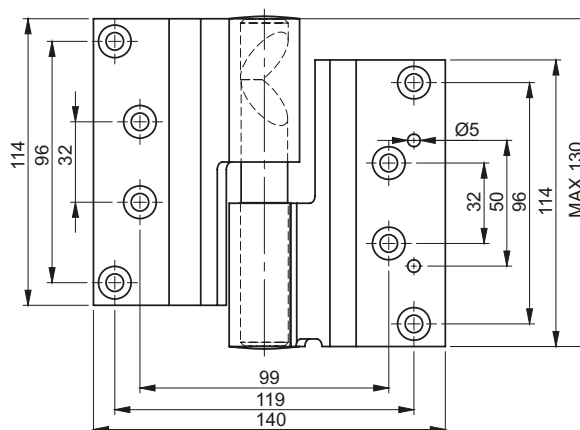
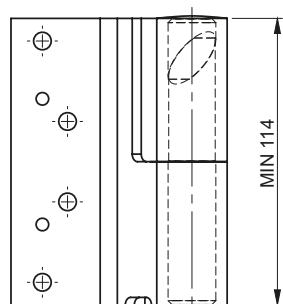
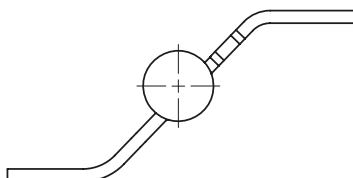
CATALOGUE NUMBER	DETAIL	COMPONENTS	MATERIAL
3.ST109.100	Spring hinge	Holder, Base	Steel zinc plated
3.ST109.101	KO hinge		

3.ST125.001

Right version - open position

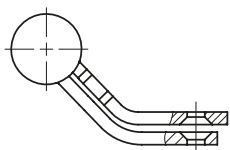


Left version - open position

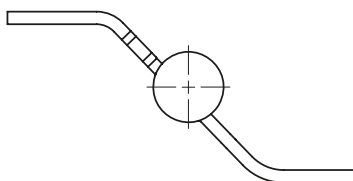


3.ST125.002

Right version - closed position



Right version - open position



CAT. NUMBER	VERSION	COMPONENTS	MATERIAL	FINISH [C]
				Chrome
3.ST125.001	Left	Door, Insert	Carbon steel	01
3.ST125.002	Right			

Left version is the mirror image of the right version

How to order:

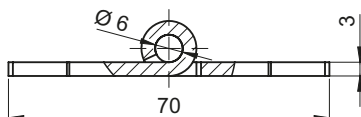
Catalogue number
Finish

3.ST125.001 — C

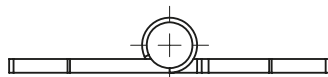




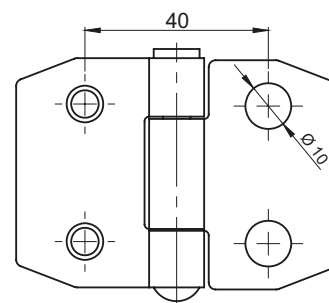
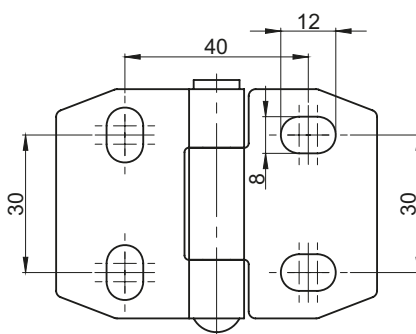
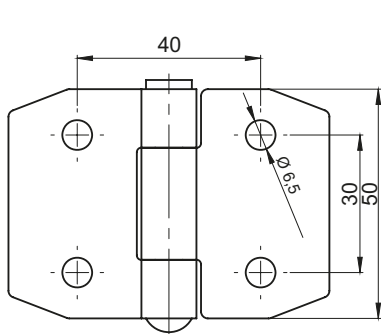
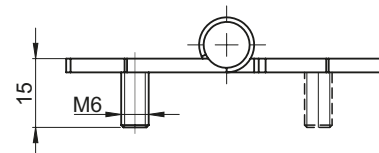
3.ST30.001
3.ST30.001SN



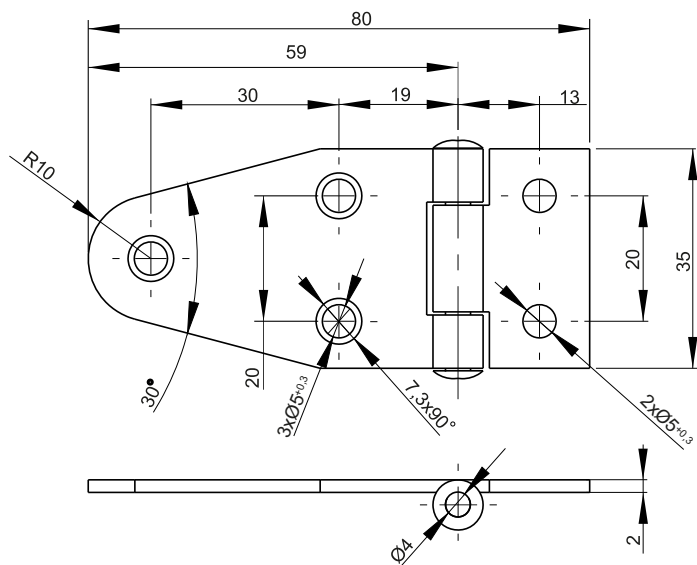
3.ST30.005



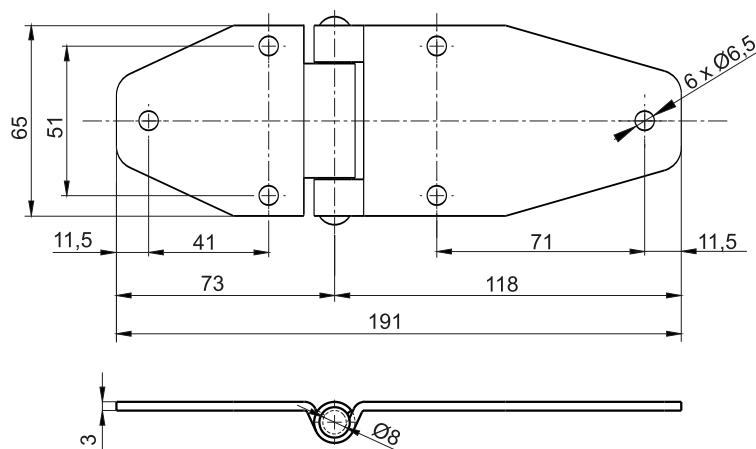
3.ST30.008
3.ST30.010



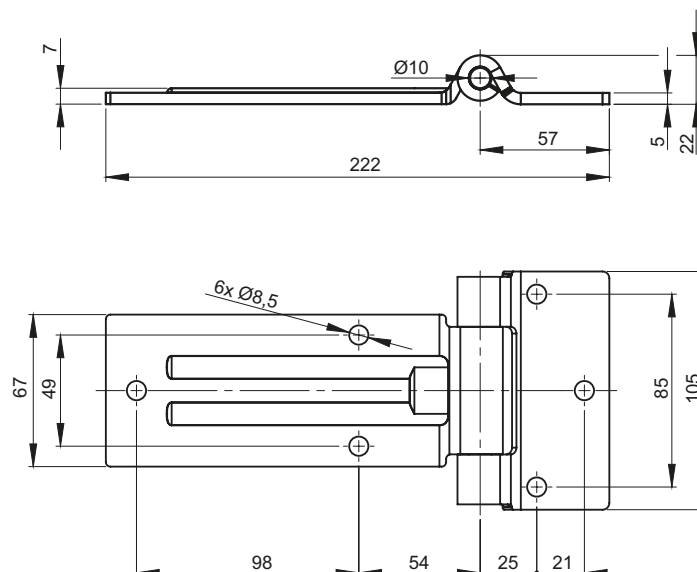
CATALOGUE NUMBER	VERSION	COMPONENTS	MATERIAL
3.ST30.001	4x Ø 6,5	Holder, Base	Steel zinc plated
3.ST30.001SN		Pin	Stainless steel
3.ST30.005	4x 8x12	Holder, Base, Pin	Stainless steel
		Holder, Base	Steel zinc plated
		Pin	Stainless steel
3.ST30.008	2x M6x15 2x Ø 10	Holder, Base	Steel zinc plated
		Pin	Stainless steel
3.ST30.010	4x M6x15	Holder, Base	Steel zinc plated
		Pin	Stainless steel



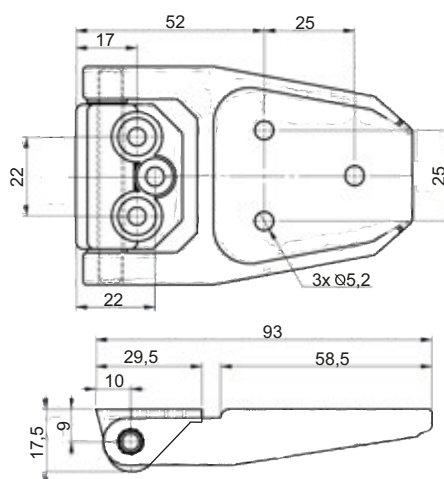
CATALOGUE NUMBER	COMPONENTS	MATERIAL
3.ST35-1.001	Holder, Base, Pin	Steel zinc plated
3.ST35-1.001SN	Holder, Base, Pin	Stainless steel



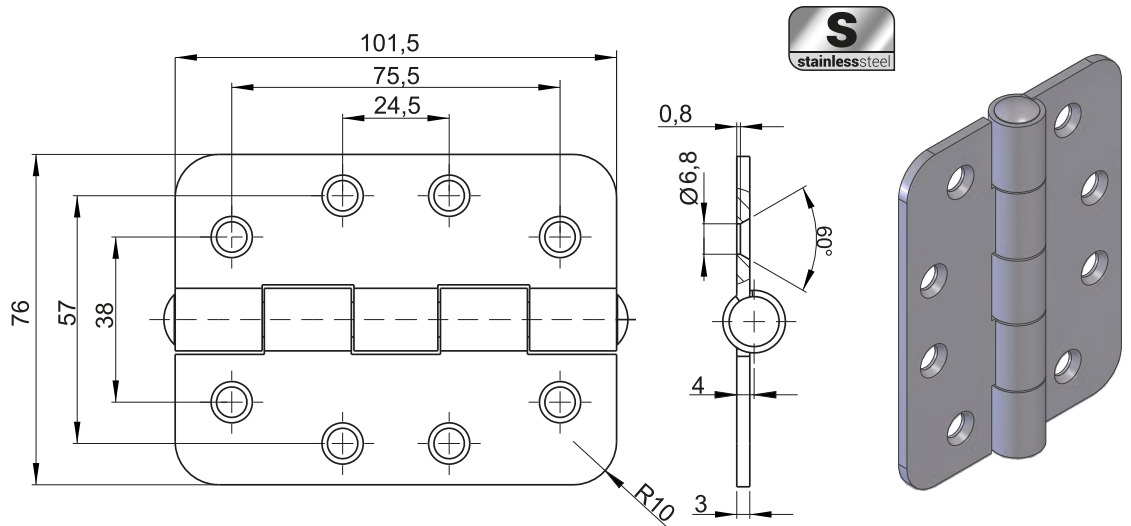
CATALOGUE NUMBER	COMPONENTS	MATERIAL
3.ST35.001	Holder, Base, Pin	Steel zinc plated
3.ST35.001SN	Holder, Base, Pin	Stainless steel



CATALOGUE NUMBER	COMPONENTS	MATERIAL
3.ST133.001	Holder, Base, Pin	Stainless steel polished

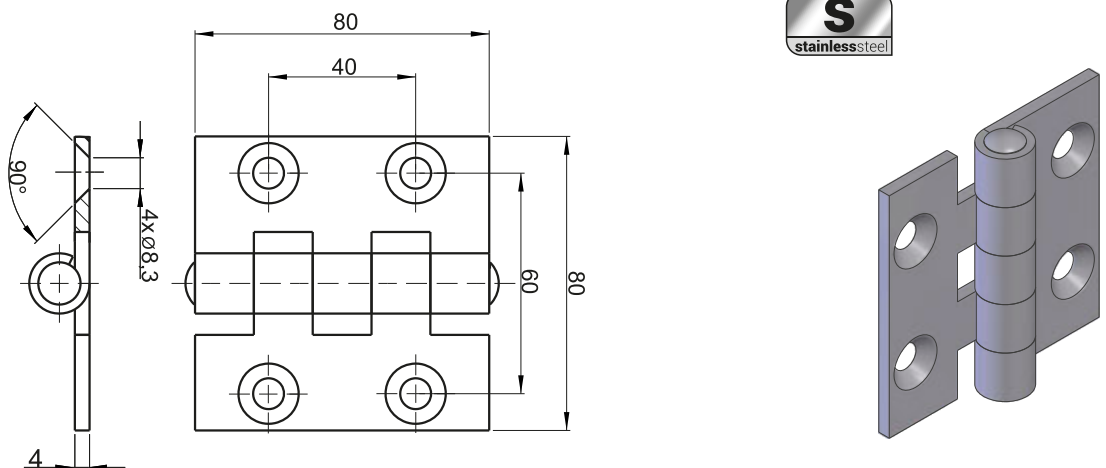


CATALOGUE NUMBER	COMPONENTS	MATERIAL	FINISH [C]
			RAL 9005
3.534.001	Holder, Base	Polyamide	07
	Pin	Polyamide	

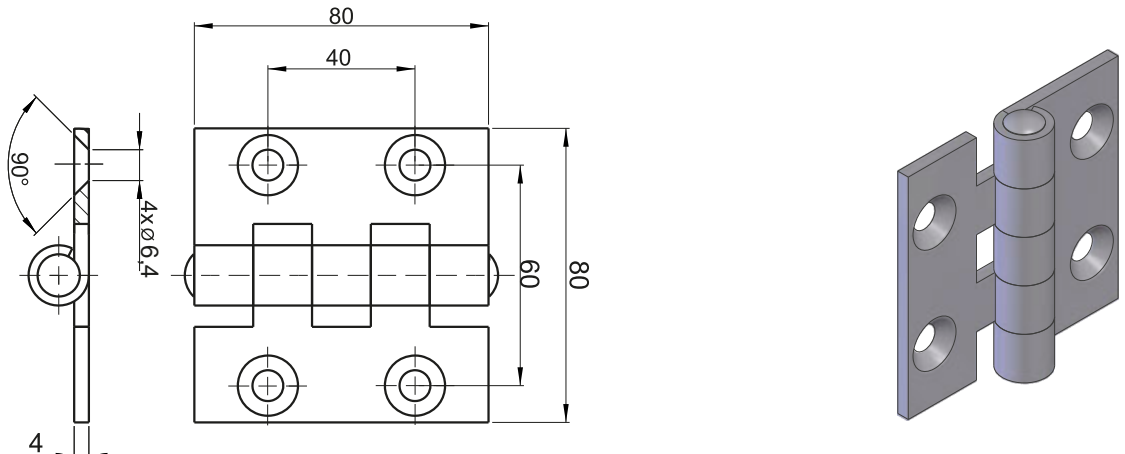


CATALOGUE NUMBER	COMPONENTS	MATERIAL
3.ST35-2.002	Holder, Base	Stainless steel
	Pin	Stainless steel

Hinge available with beveled holes or without.



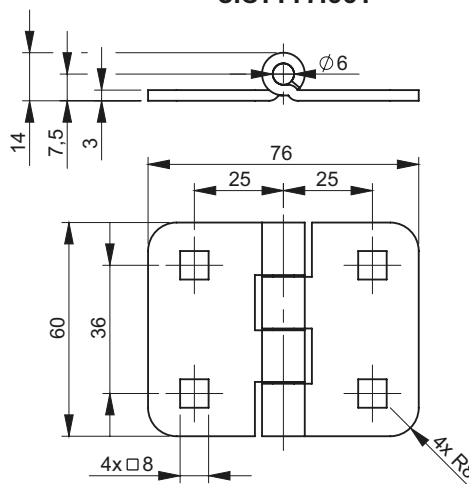
CATALOGUE NUMBER	COMPONENTS	MATERIAL
3.ST58.001	Holder, Base	Steel zinc plated
	Pin	Stainless steel



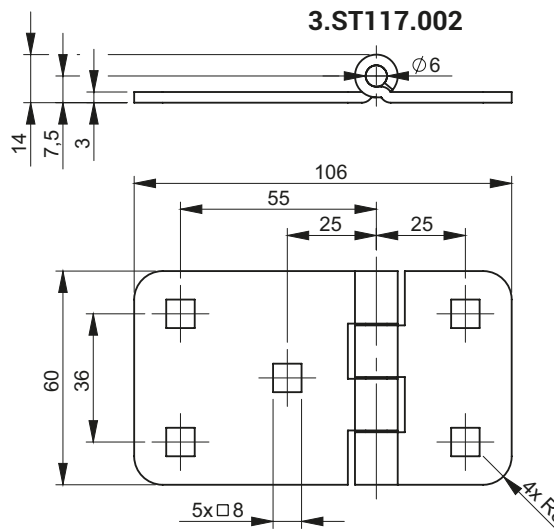
CATALOGUE NUMBER	COMPONENTS	MATERIAL
3.ST58.002	Holder, Base	Steel zinc plated
	Pin	Stainless steel



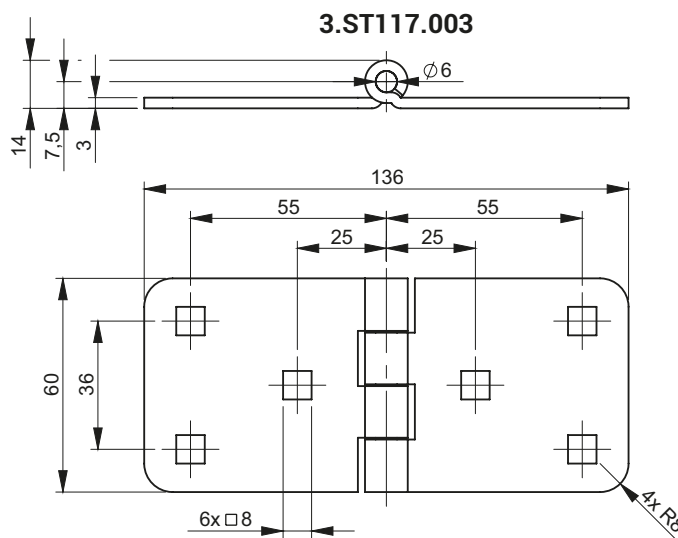
3.ST117.001



3.ST117.002

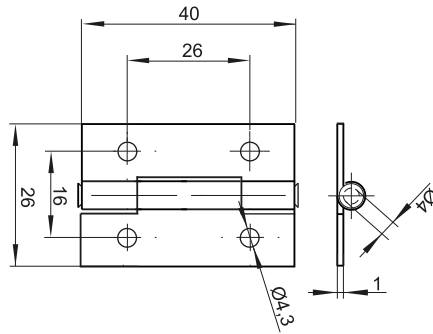


3.ST117.003

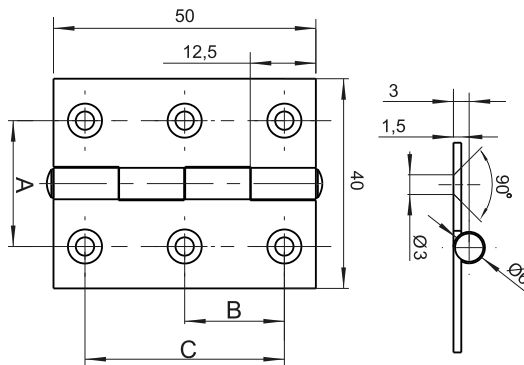


CATALOGUE NUMBER	COMPONENTS	MATERIAL
3.ST117.001	Holder, Base, DIN603 M8x116	Steel zinc plated
3.ST117.002		
3.ST117.003		Pin

Hinge sold together with set of screws DIN 603 M8x16



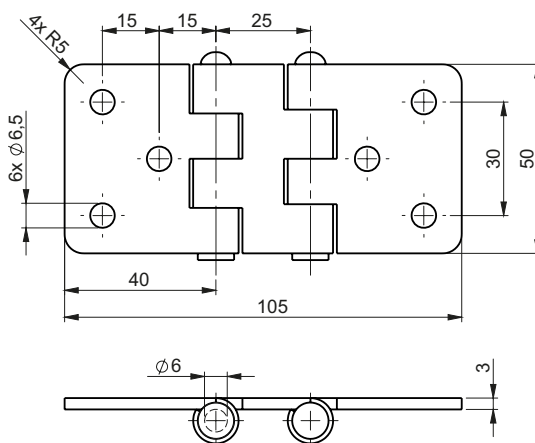
CATALOGUE NUMBER	COMPONENTS	MATERIAL
3.ST37.001	Holder, Base, Pin	Steel zinc plated
3.ST37.001 SN	Holder, Base, Pin	Stainless steel



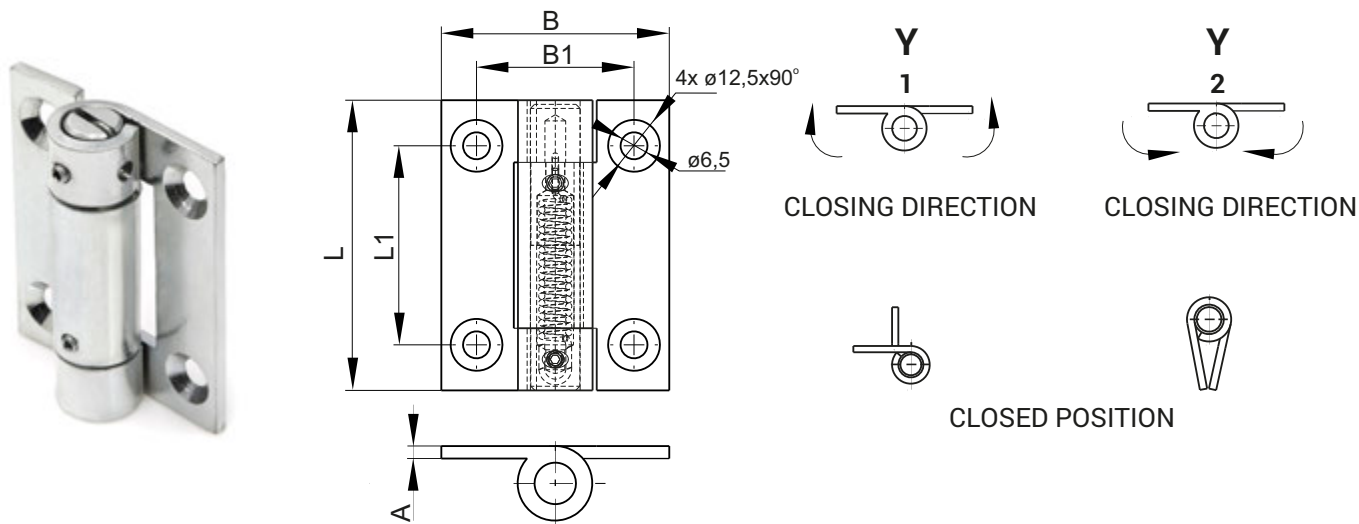
	X	A	B	C	
3.ST48.00X	1	24	19	38	where: X - indication of the hinge * - no chamfer on mounting holes
3.ST48.00X SN	2	23	17,5	35	
	3*	23	17,5	35	

CATALOGUE NUMBER	COMPONENTS	MATERIAL	FINISH [C]	
			RAL 9005	RAL 7035
3.ST48.00X	Holder, Base, Pin	Steel zinc plated	04	05
3.ST48.00X SN	Holder, Base, Pin	Stainless steel	-	-

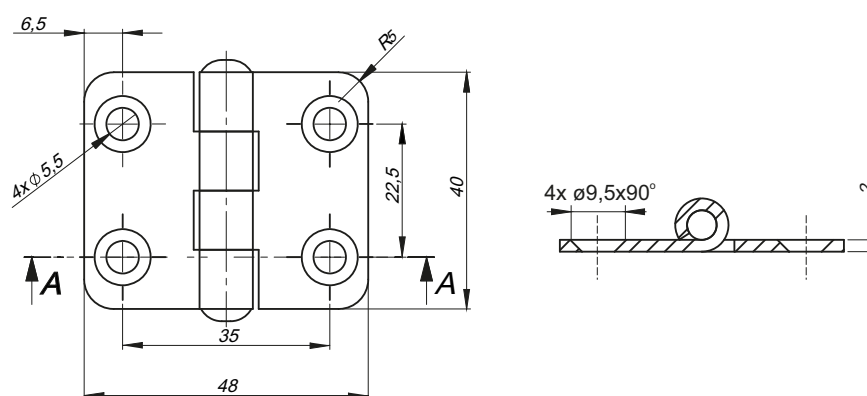
How to order:
 Catalogue number 3.ST48.00X
 Finish C



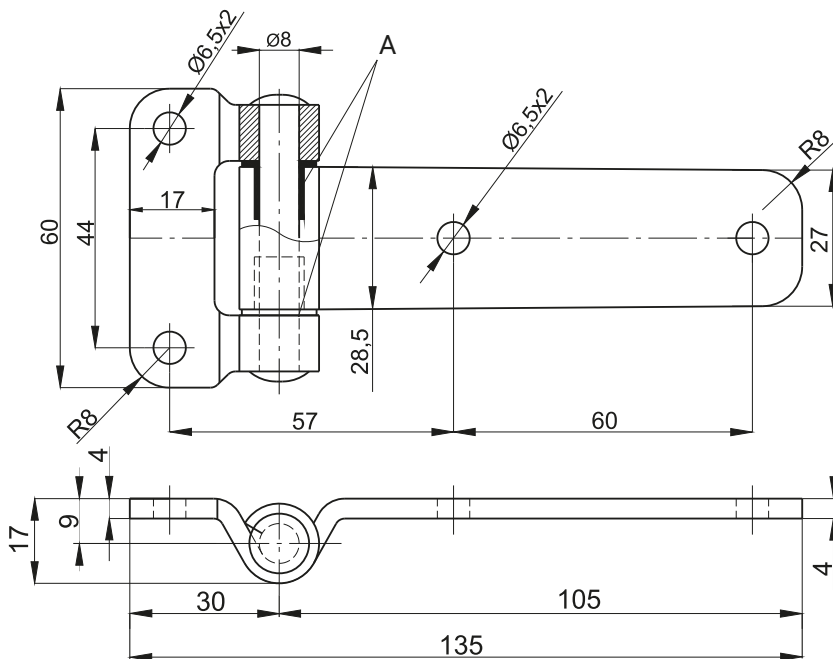
CATALOGUE NUMBER	COMPONENTS	MATERIAL
3.ST55.001	Holder, Base, Pin	Steel zinc plated
3.ST55.001 SN	Holder, Base, Pin	Stainless steel



HINGE	X	A	L	L1	B	B1
3.ST108.X0Y	1	3	70	48	55	38
	2	3	80	60	65	45
	3	3	60	36	76	56
CATALOGUE NUMBER	COMPONENTS		MATERIAL			
3.ST108.001	Holder, Base		Steel zinc plated			
	Pin		Steel zinc plated			

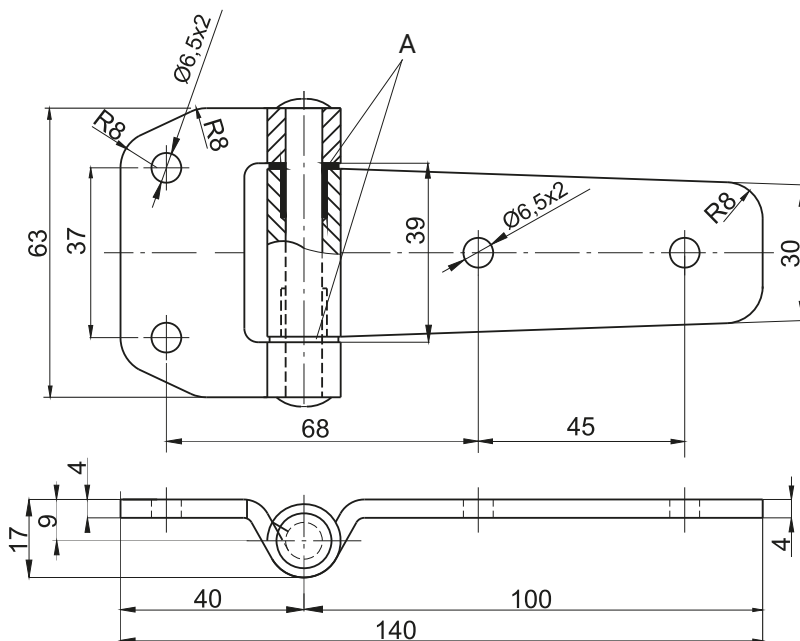


CATALOGUE NUMBER	COMPONENTS	MATERIAL
3.ST28.001	Holder, Base	Stainless steel 1.4301
	Pin	Stainless steel 1.4301



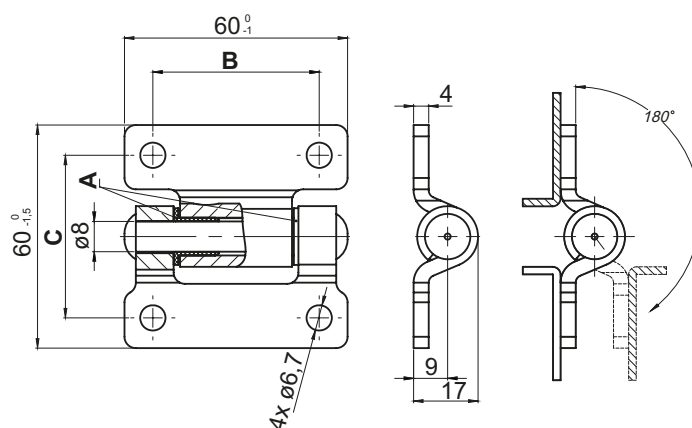
CATALOGUE NUMBER	COMPONENTS	MATERIAL	FINISH [C]
			RAL 9005
3.ST56.002	Holder, Base	Steel zinc plated	04
	Pin	Stainless steel	
3.ST56.002SN	Holder, Base, Pin	Stainless steel	-

A - plastic washers



CATALOGUE NUMBER	COMPONENTS	MATERIAL	FINISH [C]
			RAL 9005
3.ST56.100	Holder, Base	Steel zinc plated	04
	Pin	Stainless steel	
3.ST56.100SN	Holder, Base, Pin	Stainless steel	-

A - plastic washers

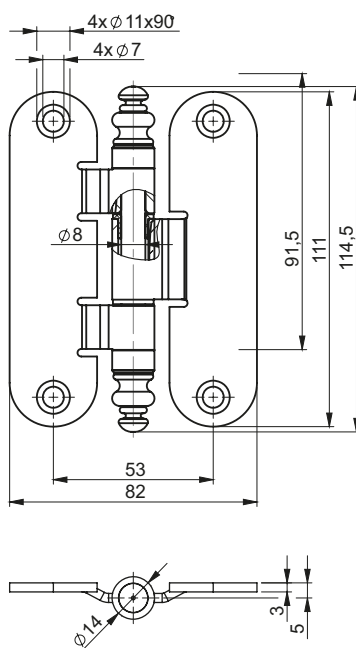


A - plastic bushing

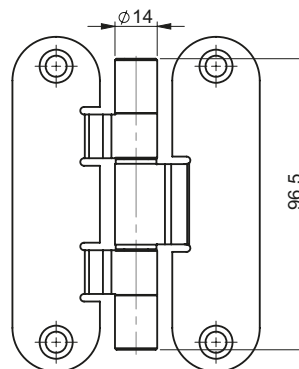
CATALOGUE NUMBER	dimension		COMPONENTS	MATERIAL	FINISH [C]
	B	C			RAL 9005
3.ST56-2.001	40	40	Holder, Base, Pin	Steel zinc plated Stainless steel	04
3.ST56-2.002	44	43			
3.ST56-2.001SN	40	40	Holder, Base, Pin	Stainless steel	-
3.ST56-2.002SN	44	43			



3.ST116.001

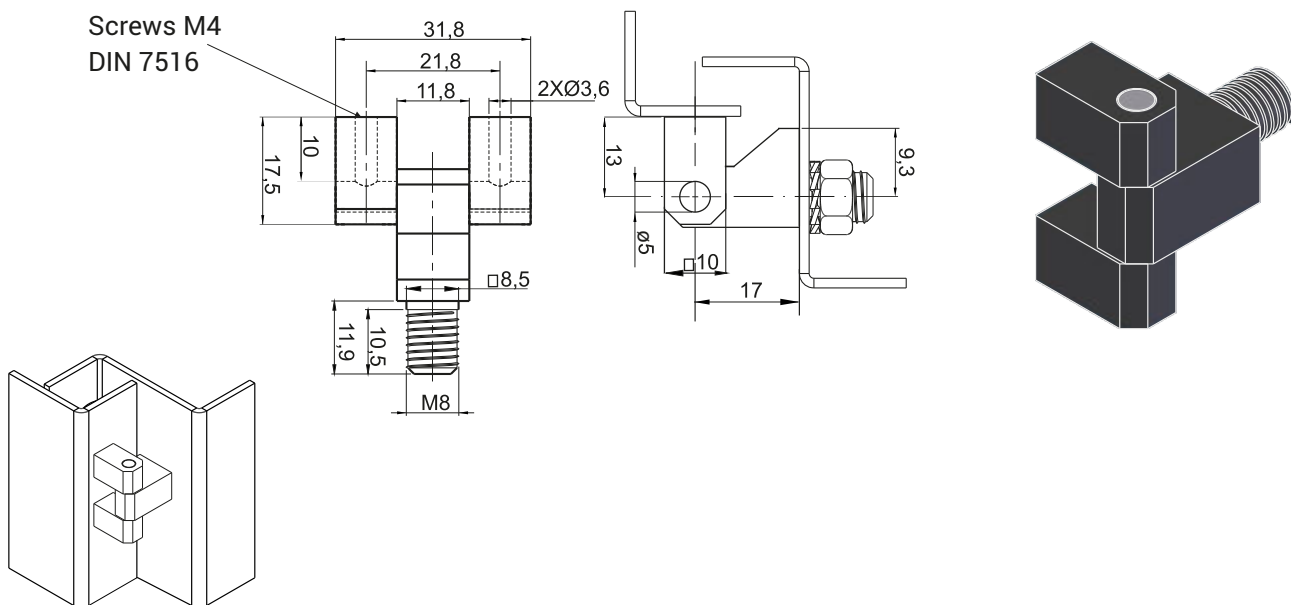


3.ST116.002

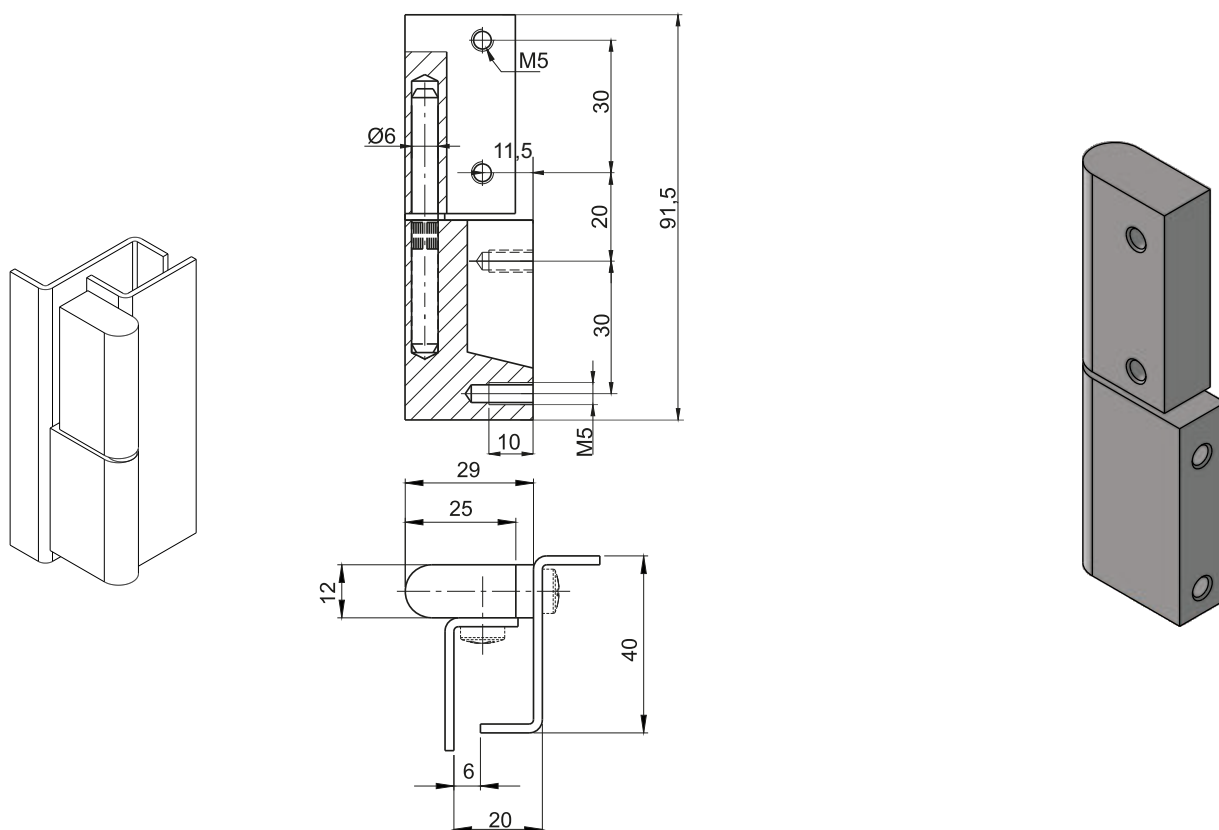


A - plastic bushing

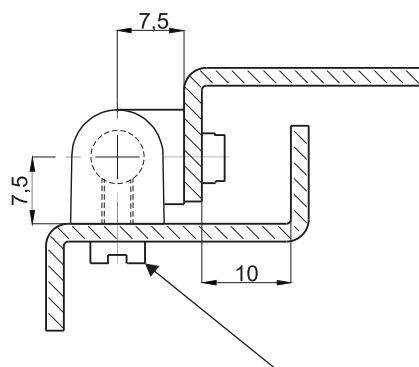
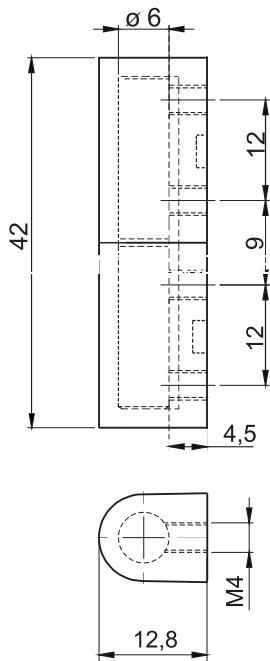
CATALOGUE NUMBER	COMPONENTS	MATERIAL	FINISH
3.ST116.001.01	Holder, Base, Cap	Steel	Zinc plated + enamel
	Pin		Zinc plated
3.ST116.001.02	Holder, Base, Cap		Copper plated + enamel
	Pin		Zinc plated
3.ST116.002.01	Holder, Base, Cap		Zinc plated + enamel
	Pin		Zinc plated
3.ST116.002.02	Holder, Base, Cap	Copper plated + enamel	
	Pin	Zinc plated	



CATALOGUE NUMBER	COMPONENTS	MATERIAL	FINISH [C]
			RAL 9005
3.ZN20.001	Holder, Base	ZAMAK 5	04
	Pin	Steel zinc plated, *	



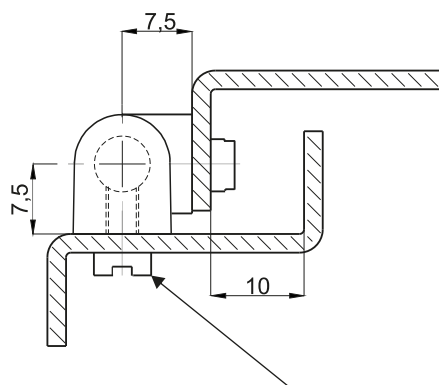
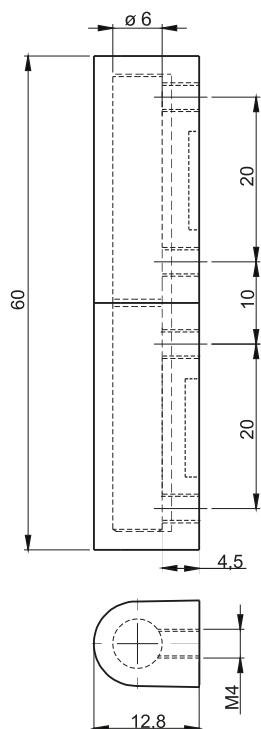
CATALOGUE NUMBER	COMPONENTS	MATERIAL	FINISH [C]
			RAL 9005
3.ST49.001	Holder, Base	ZAMAK 5	04
	Pin	Steel zinc plated	



Screws M4 with cylindrical head
DIN 84, ISO1207 **

CATALOGUE NUMBER	COMPONENTS	MATERIAL	FINISH [C]
			RAL 9005
3.ZN155.001	Holder, Base	ZAMAK 5	04
	Pin	Steel zinc plated, *	

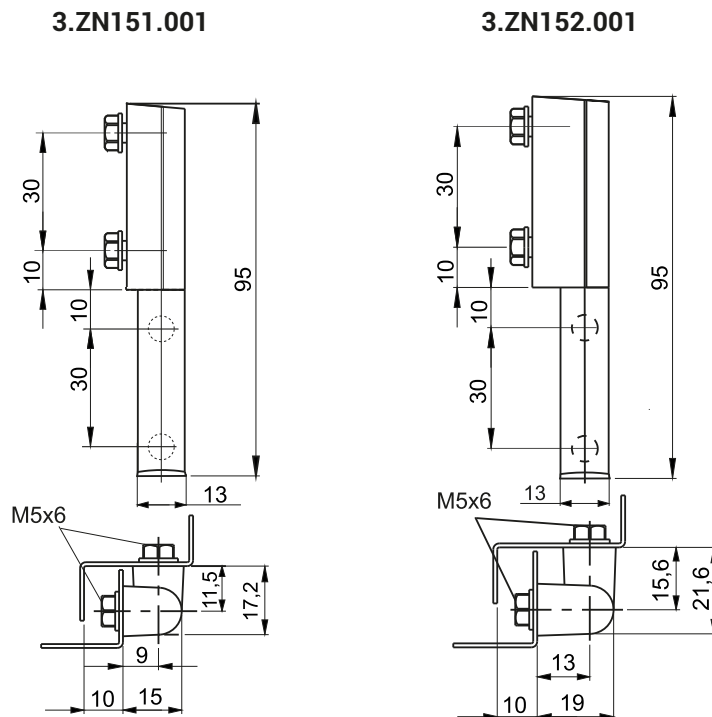
* possibility to order stainless steel pin.
**not included order



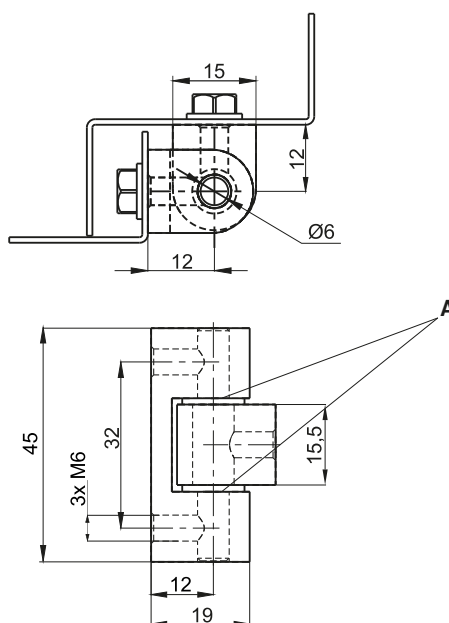
Screws M4 with cylindrical head
DIN 84, ISO1207 **

CATALOGUE NUMBER	COMPONENTS	MATERIAL	FINISH [C]
			RAL 9005
3.ZN155.002	Holder, Base	ZAMAK 5	04
	Pin	Steel zinc plated, *	

* possibility to order stainless steel pin.
**not included order

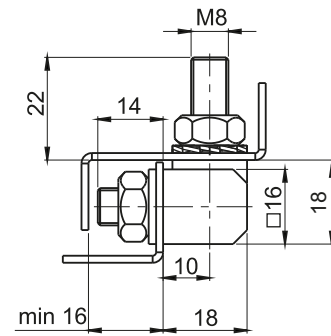
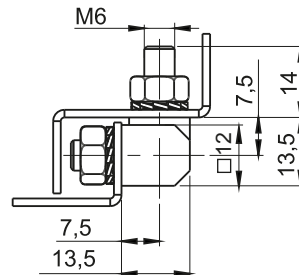
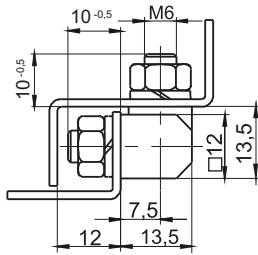
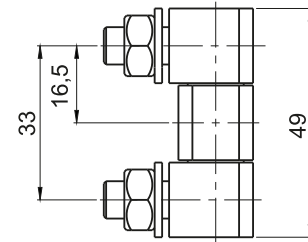
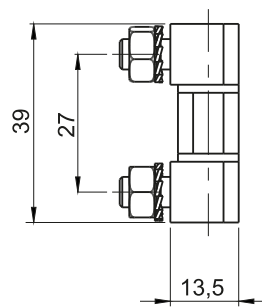
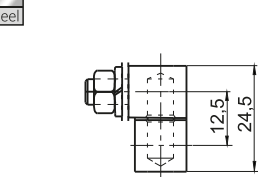


CATALOGUE NUMBER	COMPONENTS	MATERIAL	FINISH [C]	
			RAL 9005	04
3.ZN151.001	Holder, Base	Polyamide	04	
3.ZN152.001	Pin	Stainless steel		



CATALOGUE NUMBER	COMPONENTS	MATERIAL	FINISH [C]	
			Chrome	RAL9005
3.ST53.001	Holder, Base	ZAMAK 5	01	04
	Pin	Stainless steel		
3.ST53.002	Holder, Base	Steel	01	04
	Pin	Stainless steel		

A - plastic washer

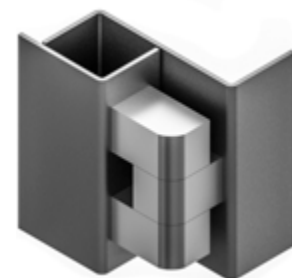
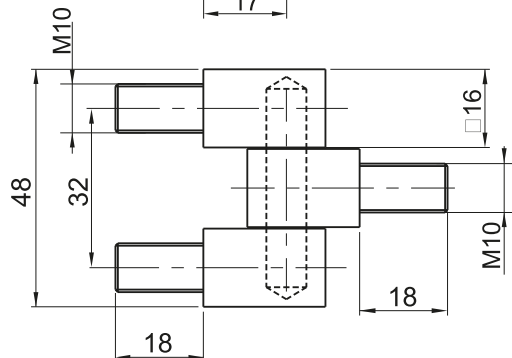
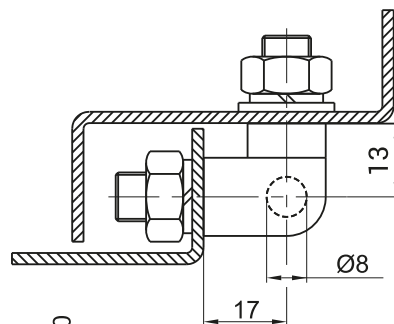


3.STZH2.001

3.STZH3.001

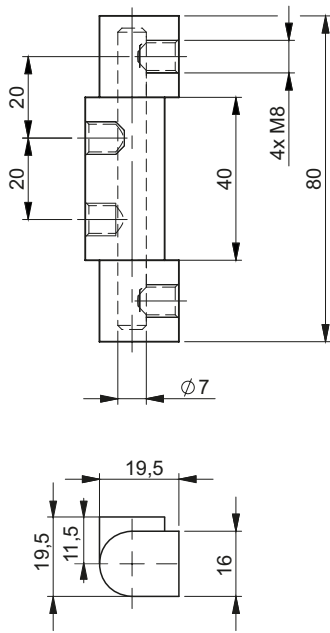
3.STZH3-1.001

CATALOGUE NUMBER	COMPONENTS	MATERIAL
3.STZH2.001 3.STZH3.001 3.STZH3-1.001	Holder, Base, Pin	Steel zinc plated
3.STZH2.001SN 3.STZH3.001SN 3.STZH3-1.001SN	Holder, Base, Pin	Stainless steel

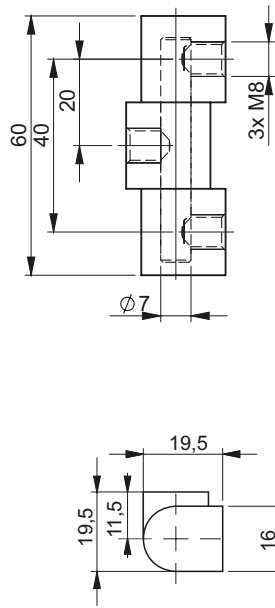


CATALOGUE NUMBER	COMPONENTS	MATERIAL
3.ST73.001	Holder, Base, Pin	Steel zinc plated

3.504.001



3.505.001



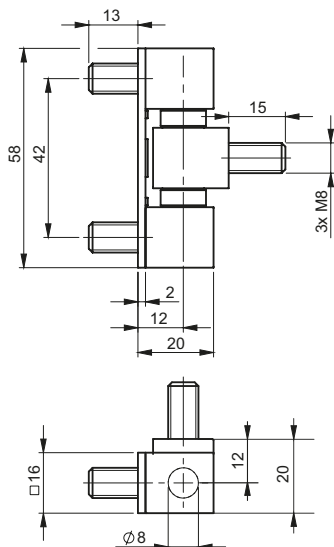
CATALOGUE NUMBER	COMPONENTS	MATERIAL	FINISH [C]	
			Galvanized	Chrome
3.504.001	Holder, Base	Brass	00	01
3.505.001	Pin	Steel zinc plated		

How to order:

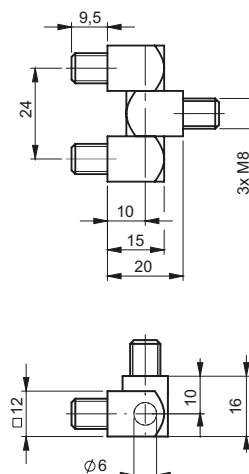
Catalogue number
Finish

3.504.001 — C

3.506.001



3.507.001

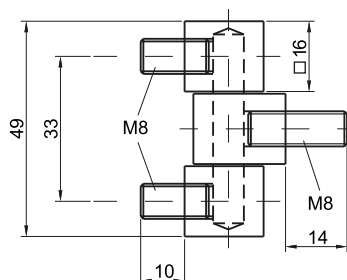
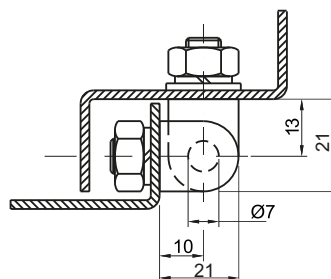


CATALOGUE NUMBER	COMPONENTS	MATERIAL	FINISH [C]
			Nickel
3.506.001	Holder, Base	Steel	02
3.507.001	Pin	Steel zinc plated	

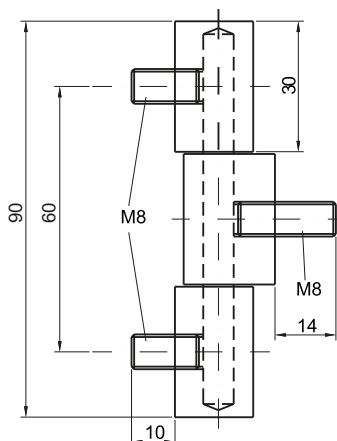
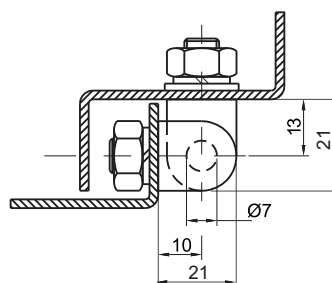
How to order:

Catalogue number
Finish

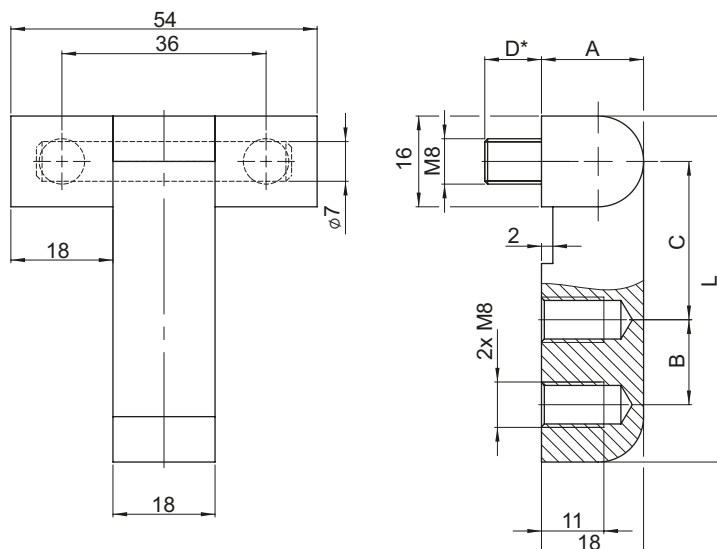
3.506.001 — C



CATALOGUE NUMBER	COMPONENTS	MATERIAL
3.ST17.001	Pin	Steel zinc plated
	Holder, Base	Brass
3.ST17.001SN	Holder, Base, Pin	Stainless steel

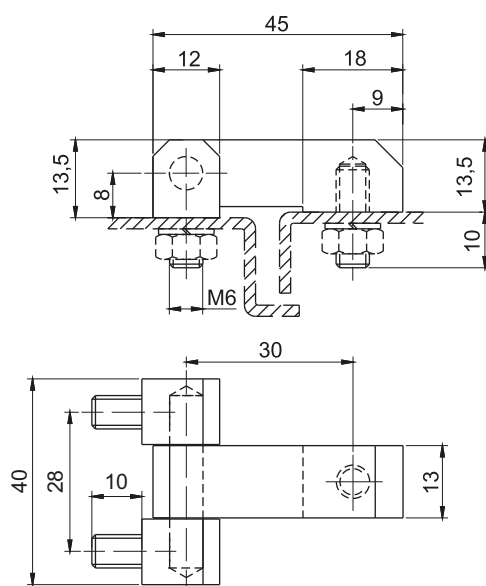


CATALOGUE NUMBER	COMPONENTS	MATERIAL
3.ST18.001	Pin	Steel zinc plated
	Holder, Base	Brass
3.ST18.001SN	Holder, Base, Pin	Stainless steel

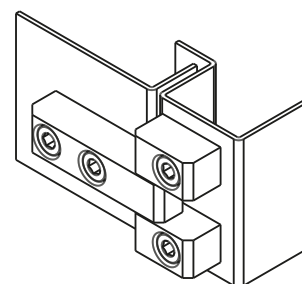
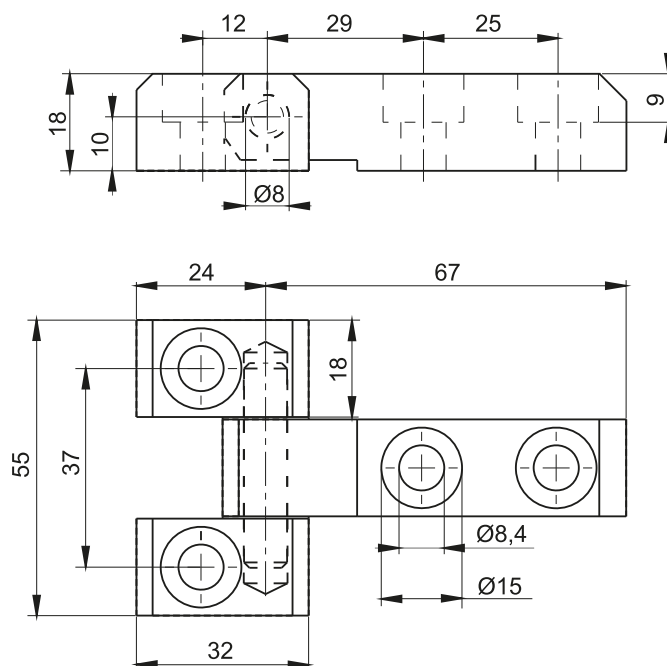


CATALOGUE NO.	L	A	B	C	D	COMPONENTS	MATERIAL
3.ST21.001	61	18	15	28	10	Holder Base Pin	Steel zinc plated Brass zinc plated Steel zinc plated
3.ST21.102	71	18	15	38	10		
3.ST21.103	74	18	23	35	10		
3.ST21.104	93	18	30	45	20		
3.ST21.105	108	18	30	60	20		
3.ST21.106	93	25	30	45	20	Holder, Base Pin	Steel zinc plated
3.ST21.107	108	25	30	60	20		
3.ST21.001SN	61	18	15	28	10		
3.ST21.102SN	71	18	15	38	10		
3.ST21.103SN	74	18	23	35	10		
3.ST21.104SN	93	18	30	45	20		
3.ST21.105SN	108	18	30	60	20		
3.ST21.106SN	93	25	30	45	20	Holder, Base Pin	Stainless steel
3.ST21.107SN	108	25	30	60	20		

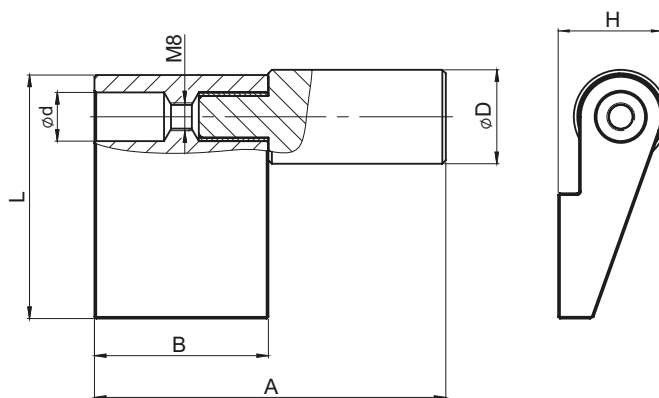
* possibility to make in different dimension



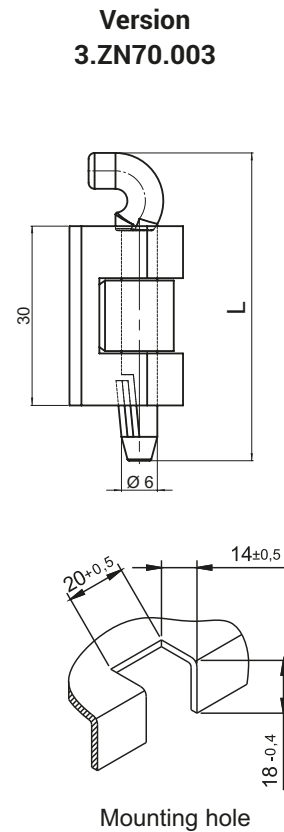
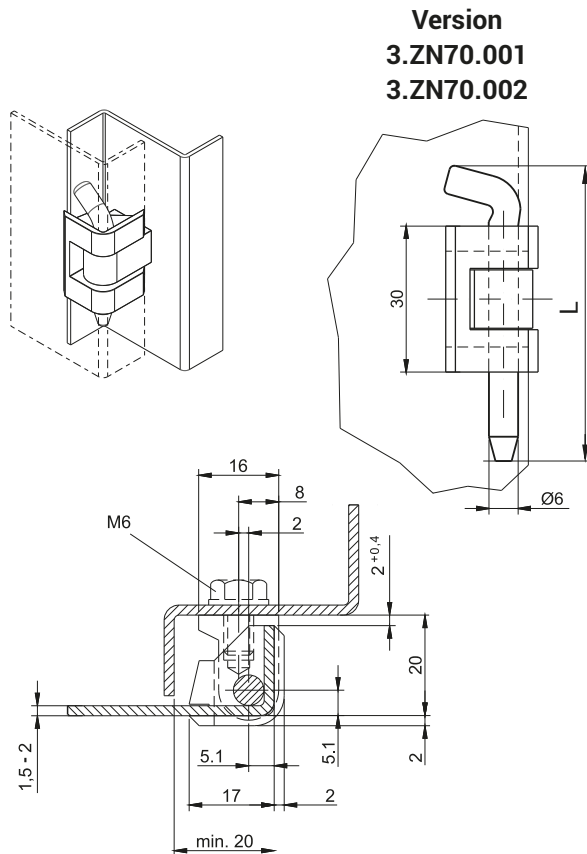
3.ST22.001		
3.ST22.001SN		



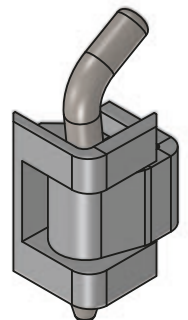
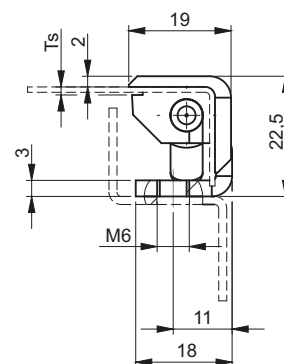
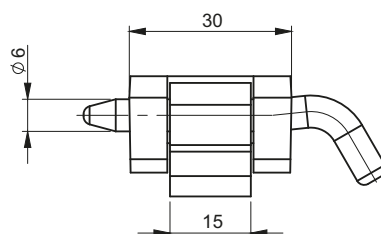
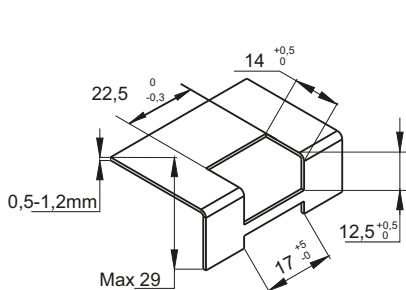
CATALOGUE NUMBER	COMPONENTS	MATERIAL
3.ST29.001	Holder, Base	Steel zinc plated
3.ST29.001SN	Holder, Base	Stainless steel



HINGE	D	d	L	H	A	B
3.ST102.001	27	14	70	30	101	50
3.ST102.002	27	14	90	30	101	50
3.ST102.006	20	12	55,5	24	80	40
CATALOGUE NO.	COMPONENTS		MATERIAL			
3.ST102.00X	Fin		Steel			
	Pin					



CATALOGUE NO.	DIMENSION L [mm]		COMPONENTS	MATERIAL	FINISH [C]			
					Chrome	Nickel	RAL9005	RAL7035
3.ZN70.001	56,5	70	Holder, Base Pin	ZAMAK 5 Steel zinc plated	01	02	04	04
3.ZN70.003	51,5		Holder, Base Pin	ZAMAK5 POM				
3.ZN70.002SN	56,5	70	Holder, Base, Pin	Stainless steel	-			



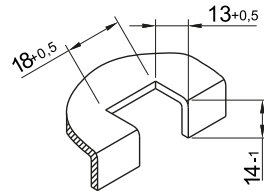
Ts - thickness of metal sheet [mm]

CATALOGUE NUMBER	Ts [mm]	COMPONENTS	MATERIAL	FINISH [C]			
				Chrome	Nickel	RAL9005	RAL7035
3.ZN75.003	0,8-1,2	Holder	ZAMAK 5	01	02	04	05
3.ZN75.004	1,5-2,0	Holder, Base	Steel				

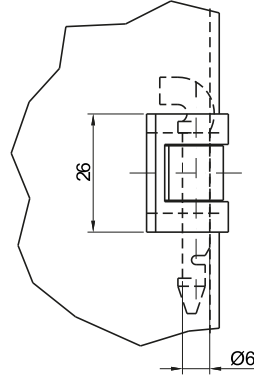
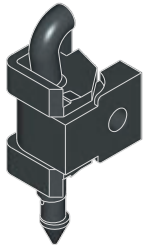
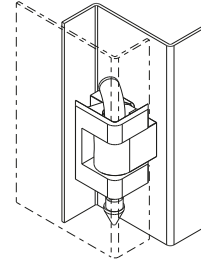
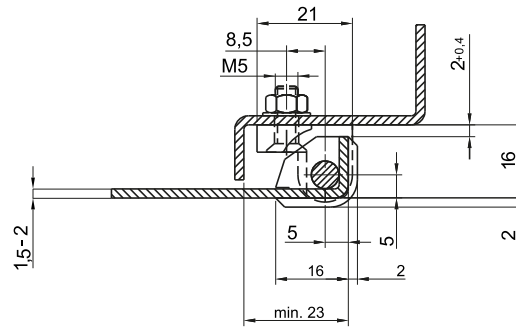
How to order:

Catalogue number
Dimension
Finish

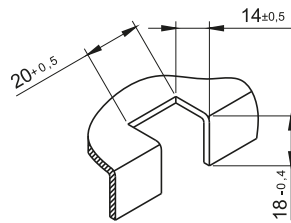
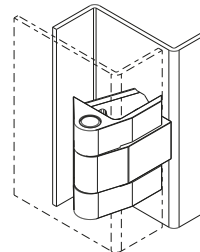
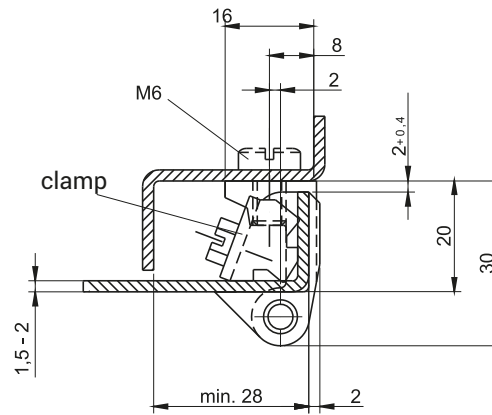
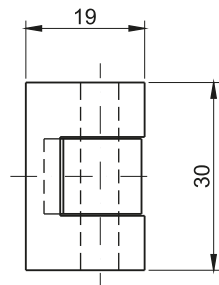
3.ZN75.001 — L — C



Mounting hole



CATALOGUE NUMBER	COMPONENTS	MATERIAL	FINISH [C]	
			RAL9005	RAL7035
3.ZN90.001	Holder, Base, Pin	Polyamide	04	05



Mounting hole

CATALOGUE NUMBER	COMPONENTS	MATERIAL	FINISH [C]	
			RAL9005	RAL7035
3.ZN100.001	Holder, Base	ZAMAK 5	04	05
	Close tight element, Pin	Steel zinc plated		

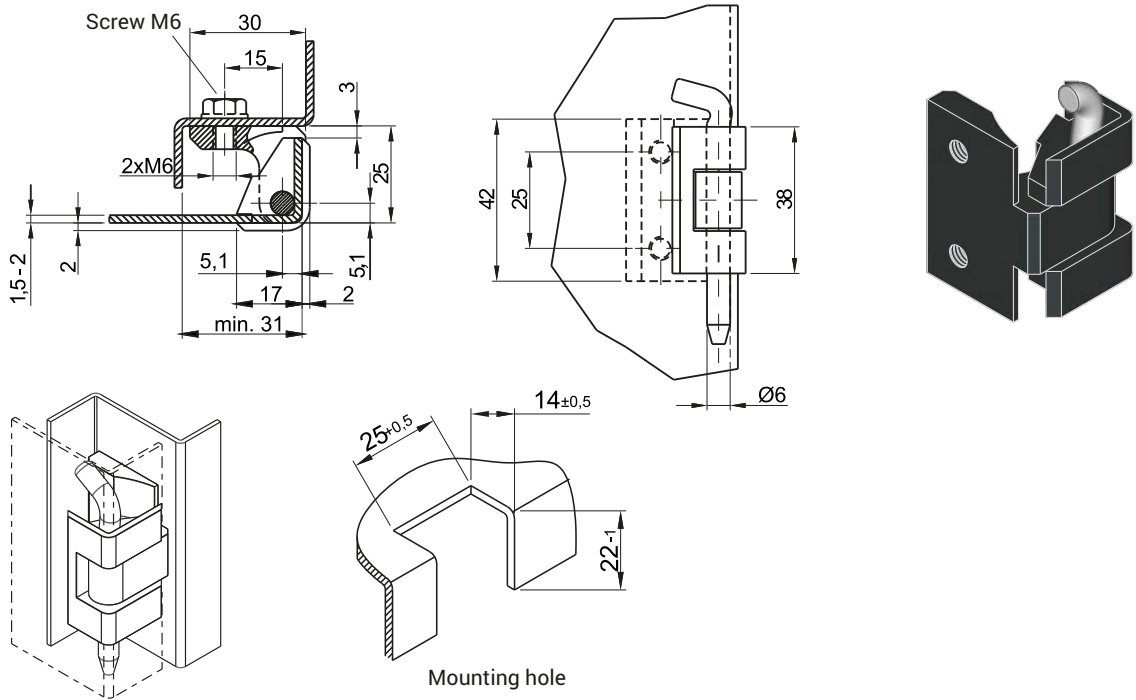
* possibility to make a different color

How to order:

Catalogue number

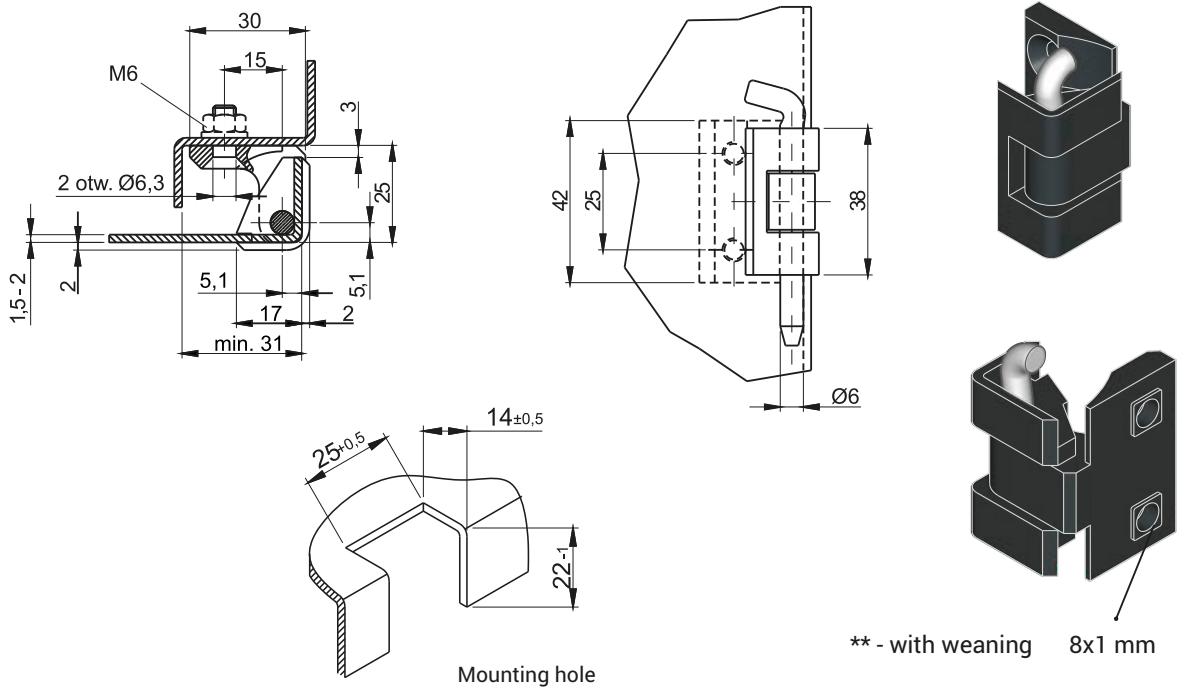
Finish

3.ZN80.001 — C



CATALOGUE NUMBER	COMPONENTS	MATERIAL	FINISH [C]	
			RAL9005	RAL7035
3.ZN80.001	Holder, Base	ZAMAK 5	04	05
	Pin	Steel zinc plated		

* possibility to make a different color



CATALOGUE NUMBER	COMPONENTS	MATERIAL	FINISH [C]	
			RAL9005	RAL7035
3.ZN80.002	Holder, Base	ZAMAK 5	04	05
	Pin	Steel zinc plated		

* possibility to make a different color

** possibility to order the hinge with the base with weaning

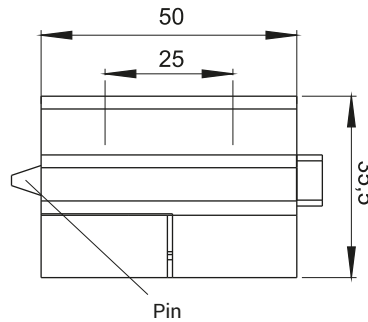
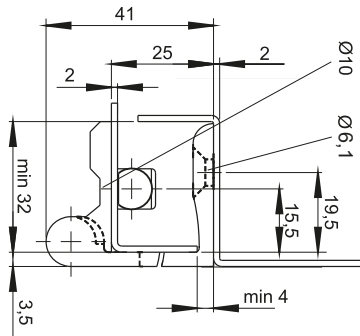
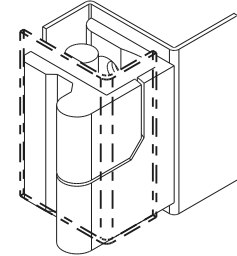
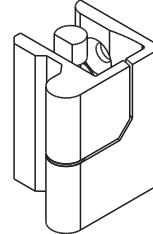
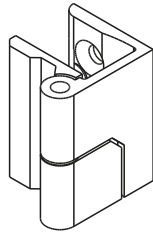
How to order:

Catalogue number
Finish

3.ZN80.001 — C

LEFT VERSION
3.ZN150.002

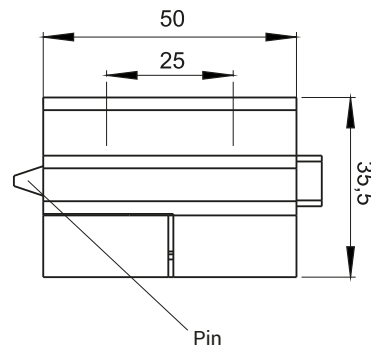
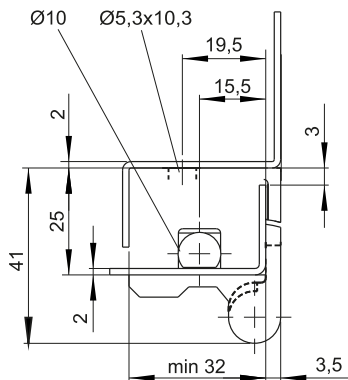
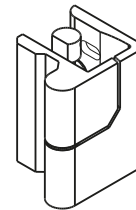
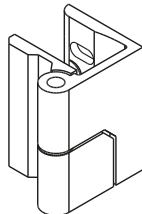
RIGHT VERSION
3.ZN150.001



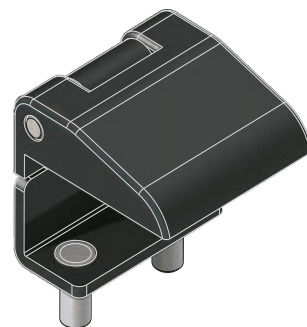
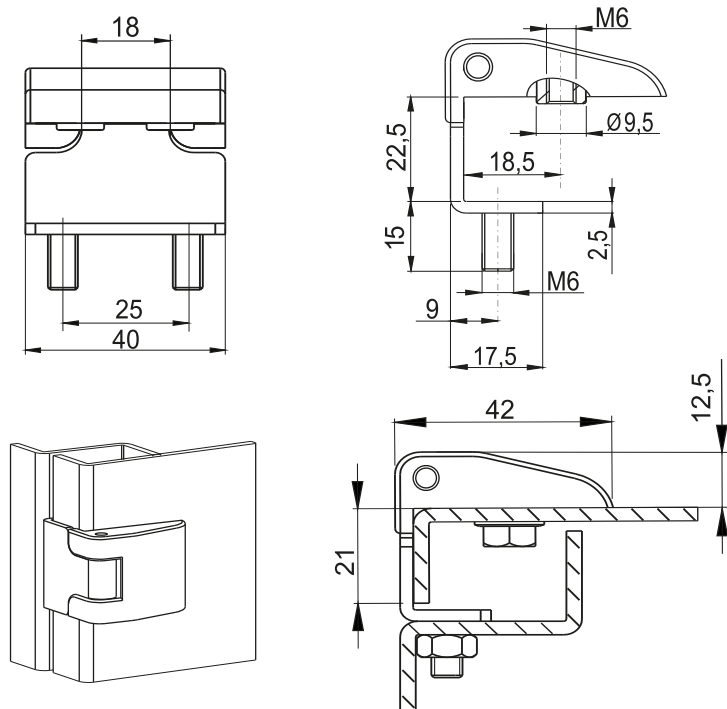
CATALOGUE NUMBER	VERSION	COMPONENTS	MATERIAL	FINISH [C]
				RAL9005
3.ZN150.001	Right	Holder	ZAMAK 5	04
		Base	Aluminum	
3.ZN150.002	Left	Pin	Steel zinc plated	
		Screw	Poliamid	

LEFT VERSION
3.ZN150.006

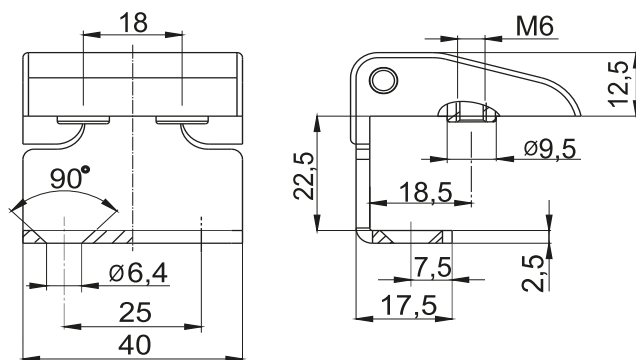
RIGHT VERSION
3.ZN150.005



CATALOGUE NUMBER	VERSION	COMPONENTS	MATERIAL	FINISH [C]
				RAL9005
3.ZN150.005	Right	Holder	ZAMAK 5	04
		Base	Steel zinc plated, *	
3.ZN150.006	Left	Pin	Poliamid	



CATALOGUE NUMBER	COMPONENTS	MATERIAL	FINISH [C]	
			RAL9005	
3.ZN154.001	Holder	ZAMAK 5	04	
	Base	Steel zinc plated		
	Pin	Stainless steel		

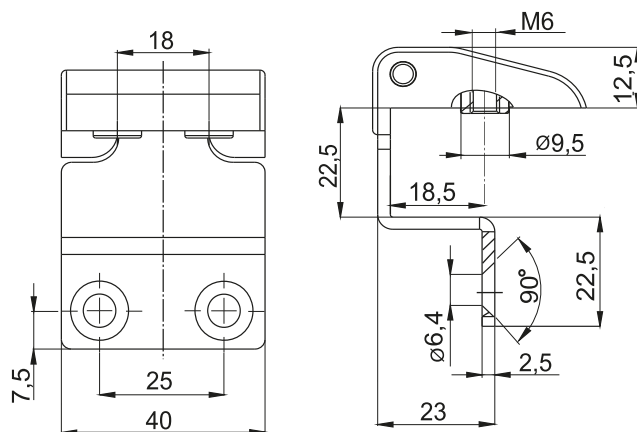
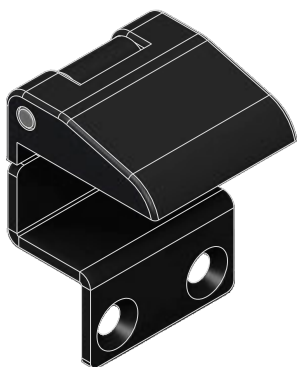


CATALOGUE NUMBER	COMPONENTS	MATERIAL	FINISH [C]	
			RAL9005	RAL7035
3.ZN154.002	Holder	ZAMAK 5	04 05	
	Base	Steel zinc plated		
	Pin	Stainless steel		

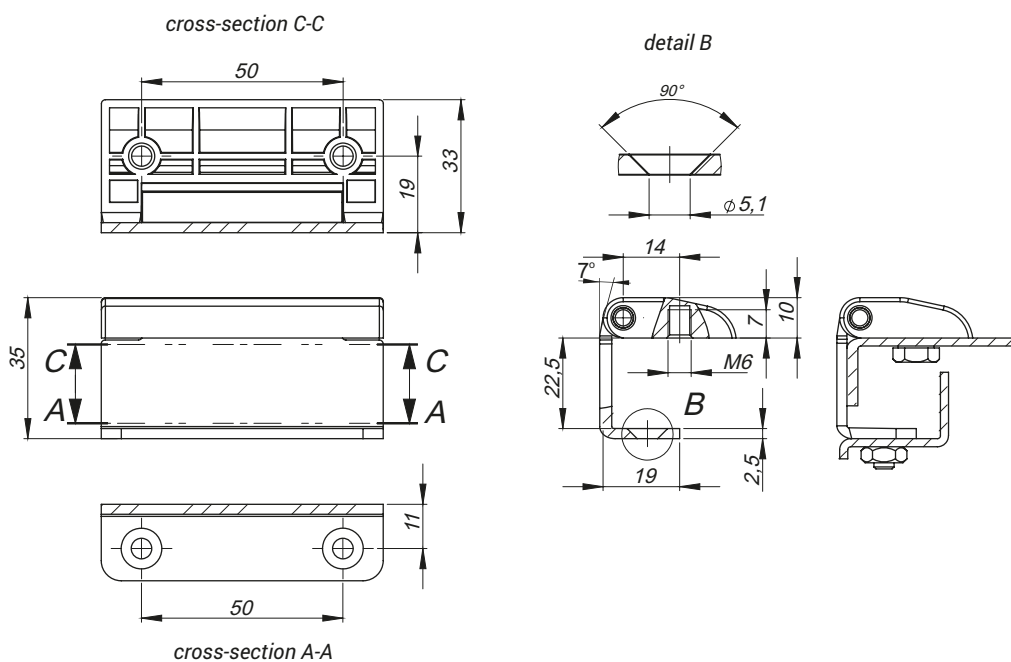
How to order:

Catalogue number
Finish

3.ZN154.002 — C



CATALOGUE NUMBER	COMPONENTS	MATERIAL	FINISH [C]	
			RAL9005	RAL7035
3.ZN154.003	Holder	ZAMAK 5		
	Base	Steel zinc plated	04	05
	Pin	Stainless steel		



CATALOGUE NUMBER	COMPONENTS	MATERIAL	FINISH [C]	
			RAL9005	RAL7035
3.ZN154.009	Holder	ZAMAK 5		
	Base	Steel zinc plated	04	05
	Pin	Stainless steel 1.4301		

How to order: **3.ZN154.003** — **C**
 Catalogue number _____
 Finish _____



1

Locking systems

2

Locks
Latches

3

Internal hinges

4

Clamps

5

Accessories

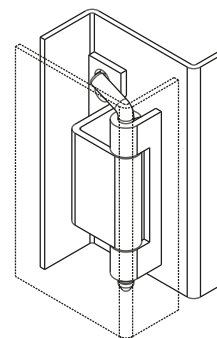
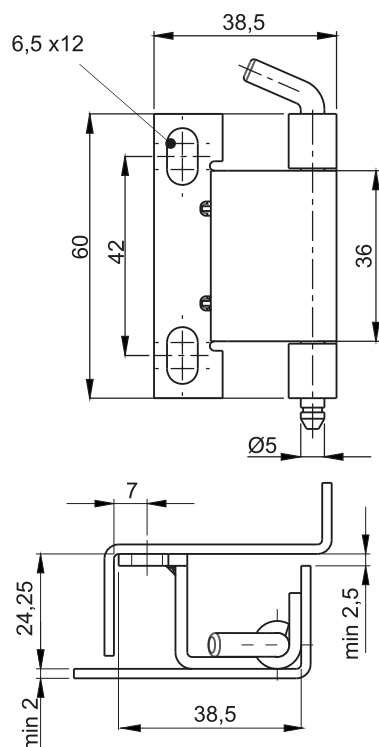
6

Gasketing profiles

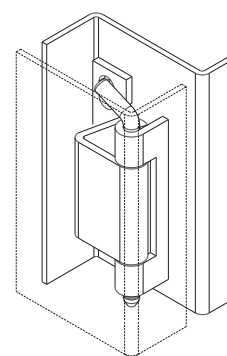
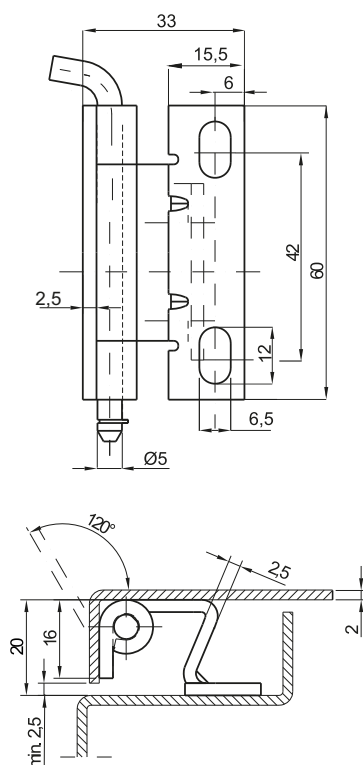
7

Custom products

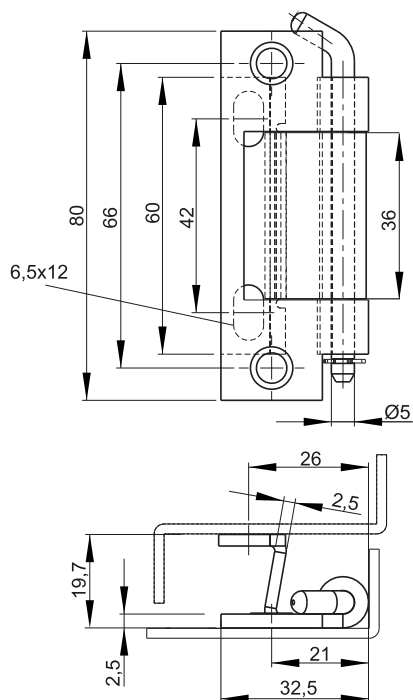




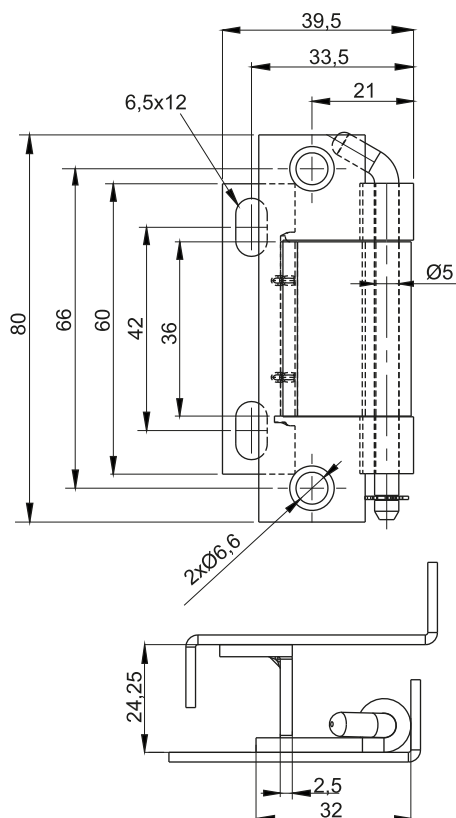
CATALOGUE NUMBER	COMPONENTS	MATERIAL
3.ST4-1.001	Base, Pin	Steel zinc plated
	Holder	Steel
3.ST4-1.001SN	Holder, Base, Pin	Stainless steel



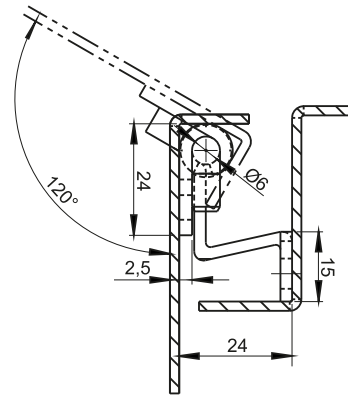
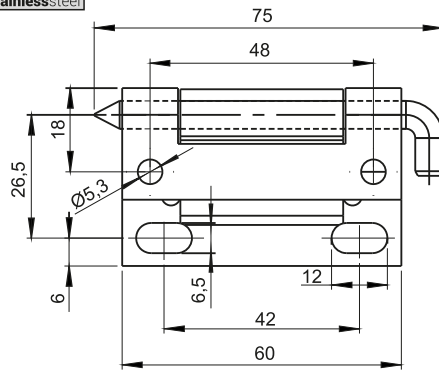
CATALOGUE NUMBER	COMPONENTS	MATERIAL
3.ST4.001	Base, Pin	Steel zinc plated
	Holder	Steel
3.ST4.001SN	Holder, Base, Pin	Stainless steel



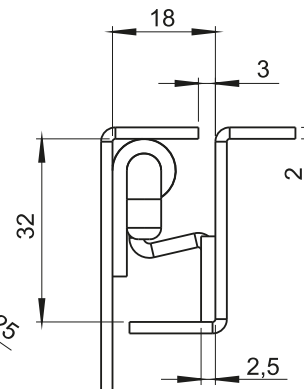
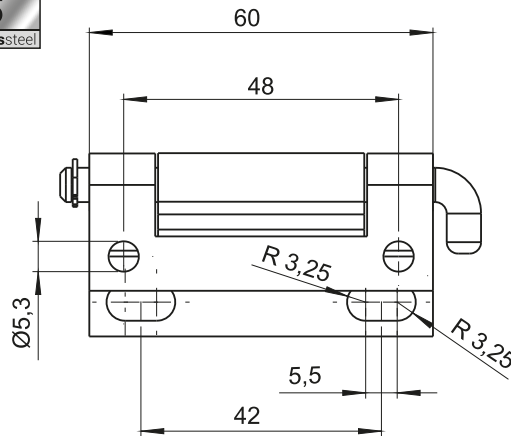
CATALOGUE NUMBER	COMPONENTS	MATERIAL
3.ST4-2.001	Holder, Base, Pin	Steel zinc plated
3.ST4-2.001SN	Holder, Base, Pin	Stainless steel



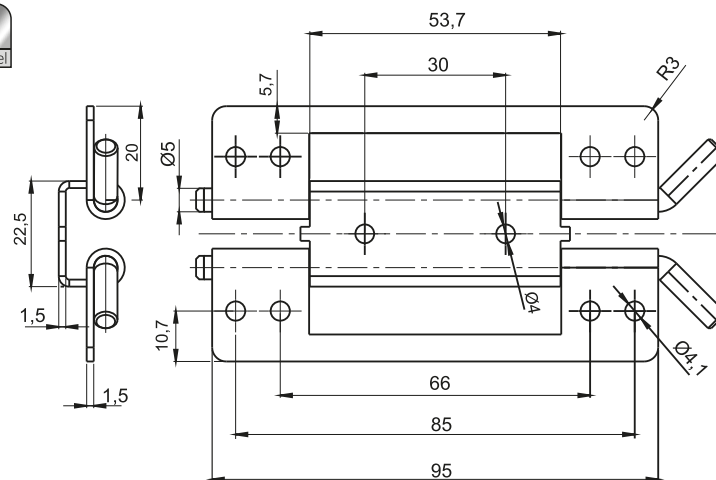
CATALOGUE NUMBER	COMPONENTS	MATERIAL
3.ST4-4.001	Holder, Base, Pin	Steel zinc plated
3.ST4-4.001SN	Holder, Base, Pin	Stainless steel



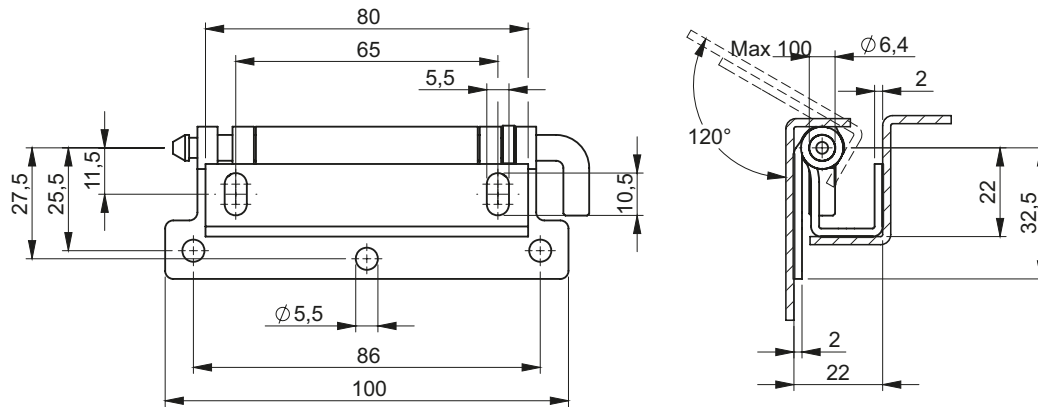
CATALOGUE NUMBER	COMPONENTS	MATERIAL
3.ST27.001	Holder, Base, Pin	Steel zinc plated
3.ST27.001SN	Holder, Base, Pin	Stainless steel



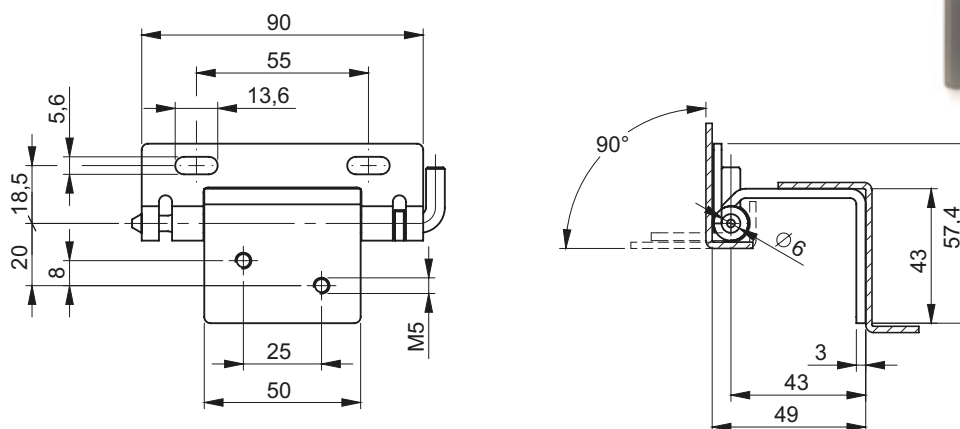
CATALOGUE NUMBER	COMPONENTS	MATERIAL
3.ST27-1.001	Holder, Base, Pin	Steel zinc plated
3.ST27-1.001SN	Holder, Base, Pin	Stainless steel



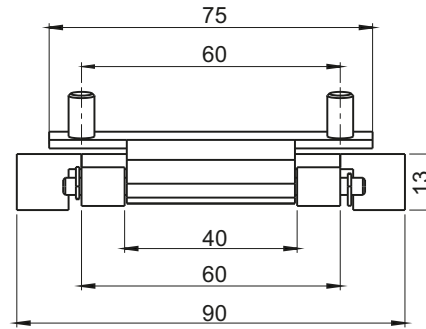
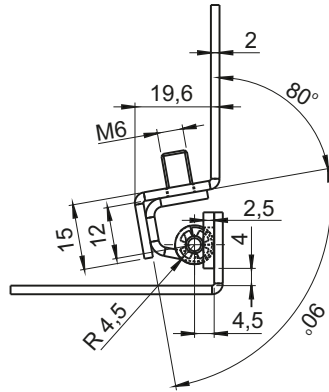
CATALOGUE NUMBER	COMPONENTS	MATERIAL
3.ST54.001	Holder, Base, Pin	Steel zinc plated
3.ST54.001SN	Holder, Base, Pin	Stainless steel



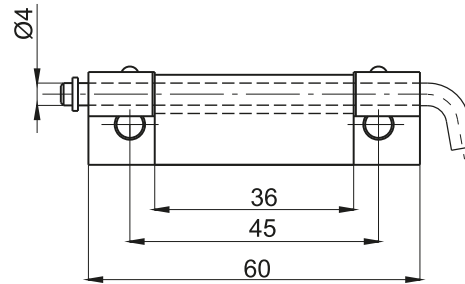
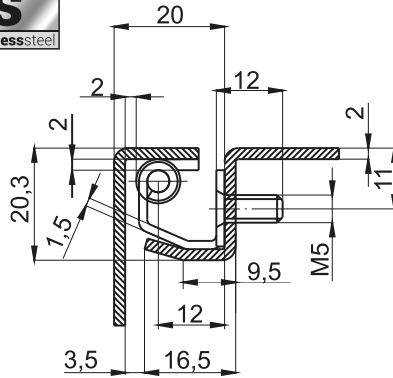
CATALOGUE NO.	COMPONENTS	MATERIAL
3.ST115.001	Holder, Base, Pin	Steel zinc plated
	Blockade	POM
3.ST115.001SN	Holder, Base, Pin	Stainless steel
	Blockade	POM



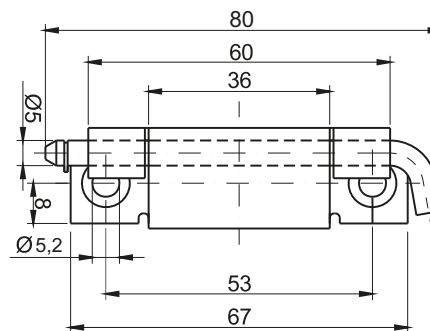
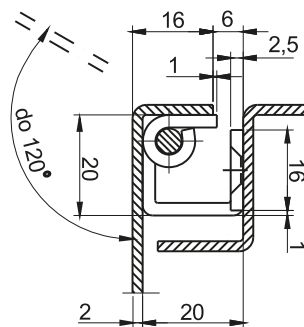
CATALOGUE NO.	COMPONENTS	MATERIAL
3.ST115.002	Holder, Base, Pin	Steel zinc plated
	Pin blockage	POM
3.ST115.002SN	Holder, Base, Pin	Stainless steel



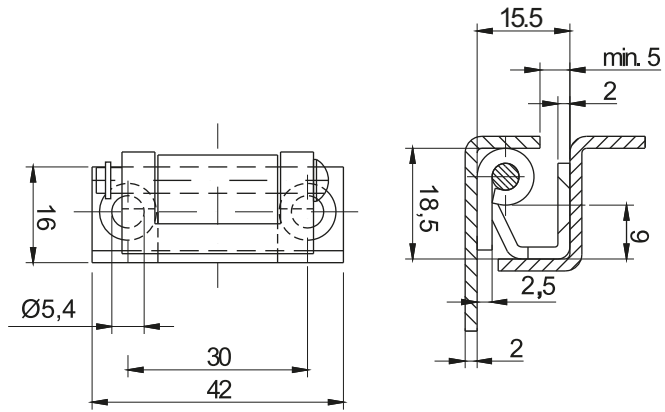
CATALOGUE NUMBER	COMPONENTS	MATERIAL
3.ST47.001	Base, Pin	Steel zinc plated
	Holder	Steel
3.ST47.001SN	Holder, Base, Pin	Stainless steel



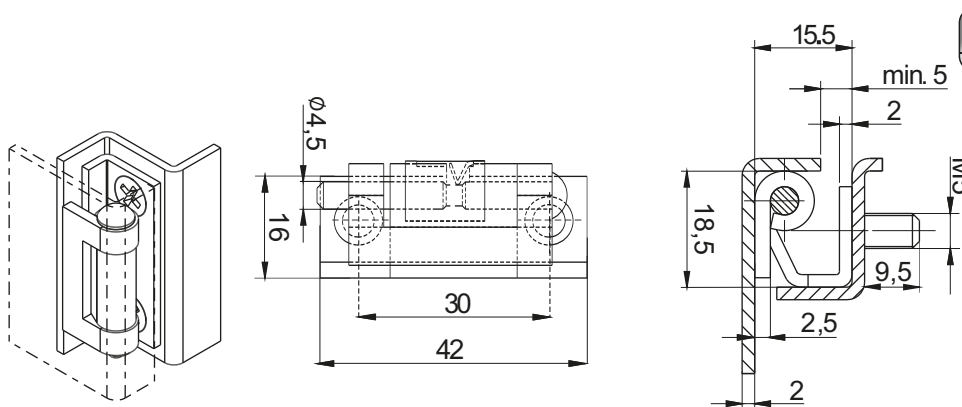
CATALOGUE NUMBER	COMPONENTS	MATERIAL
3.ST47.002	Base, Pin	Steel zinc plated
	Holder	Steel
3.ST47.002SN	Holder, Base, Pin	Stainless steel



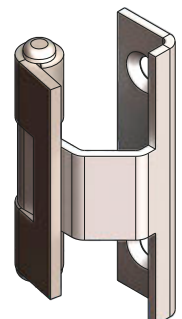
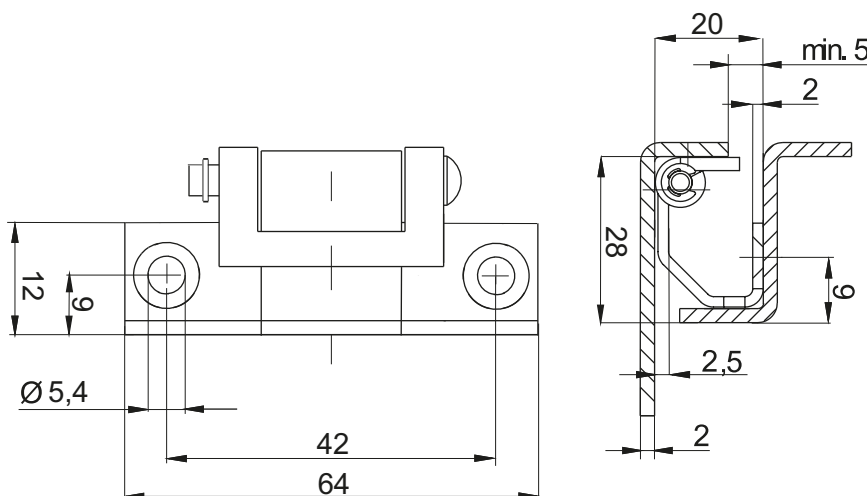
CATALOGUE NUMBER	COMPONENTS	MATERIAL
3.ST13.001	Base, Pin	Steel zinc plated
	Holder	Steel
3.ST13.001SN	Holder, Base, Pin	Stainless steel



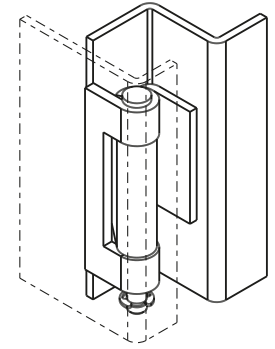
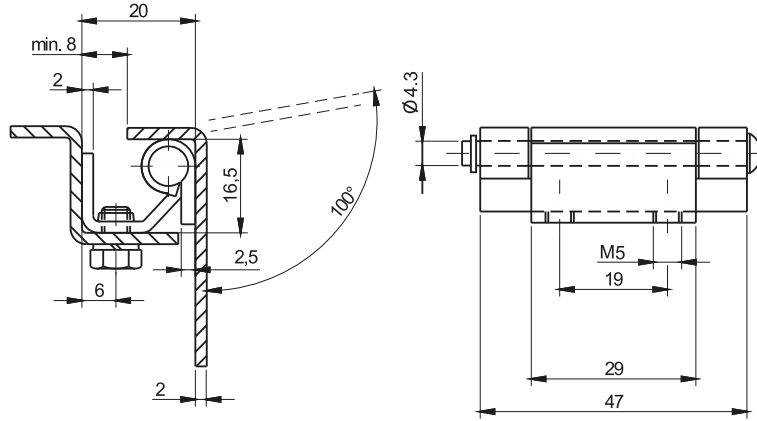
CATALOGUE NUMBER	COMPONENTS	MATERIAL
3.ST16.001	Base, Pin	Steel zinc plated
	Holder	Steel
3.ST16.001SN	Holder, Base, Pin	Stainless steel



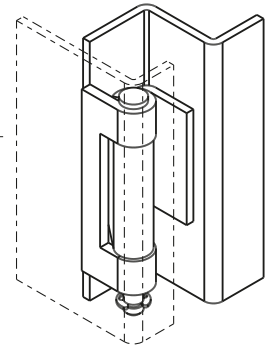
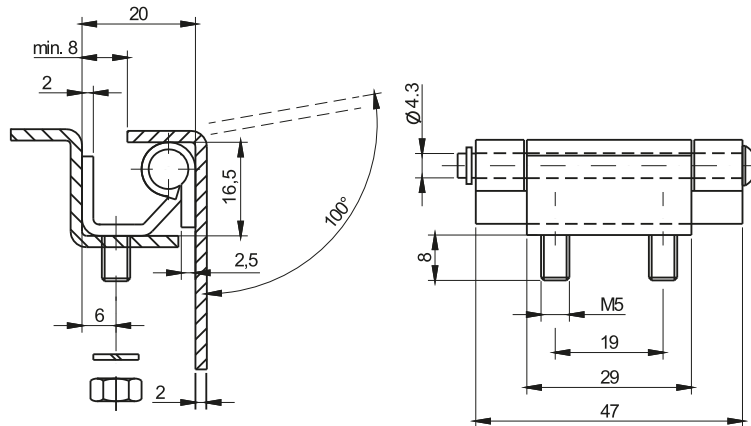
CATALOGUE NUMBER	COMPONENTS	MATERIAL
3.ST16.004	Holder	Steel
	Base, Pin	Steel zinc plated
	Spring	Stainless steel



CATALOGUE NUMBER	COMPONENTS	MATERIAL
3.ST16.006	Base, Pin	Steel zinc plated
	Holder	Steel



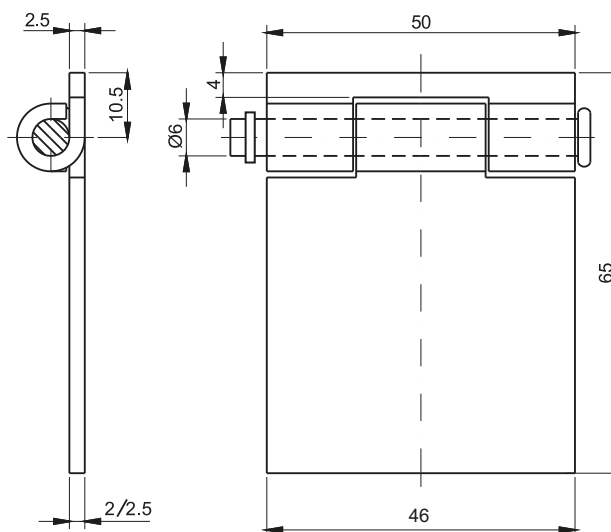
CATALOGUE NUMBER	COMPONENTS	MATERIAL
3.ST5.001	Base, Pin	Steel zinc plated
	Holder	Steel
3.ST5.001SN	Holder, Base, Pin	Stainless steel



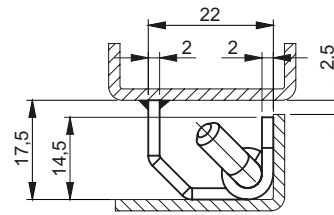
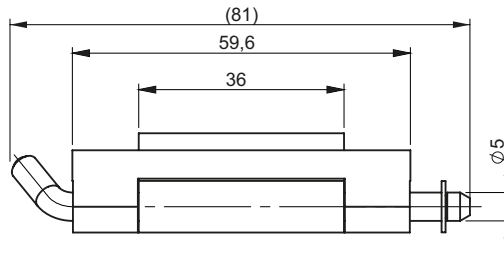
CATALOGUE NUMBER	COMPONENTS	MATERIAL
3.ST5.003	Base, Pin	Steel zinc plated
	Holder	Steel
3.ST5.003SN	Holder, Base, Pin	Stainless steel



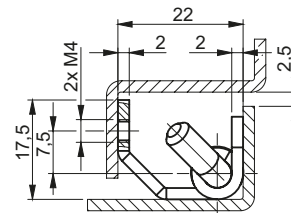
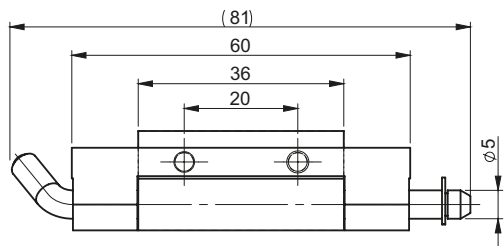
Thickness [mm]	X
1,5	01
2	02
2,5	03



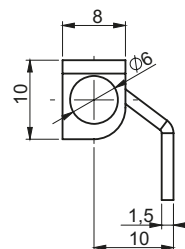
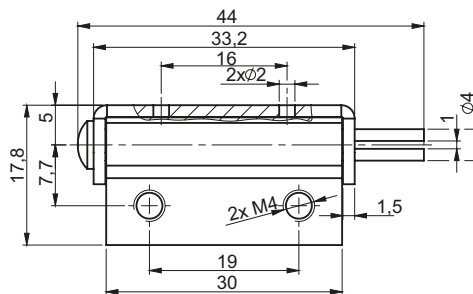
CATALOGUE NUMBER	COMPONENTS	MATERIAL
3.ST6.001.X	Holder, Base, Pin	Steel
3.ST6.001SN.X	Holder, Base, Pin	Stainless steel



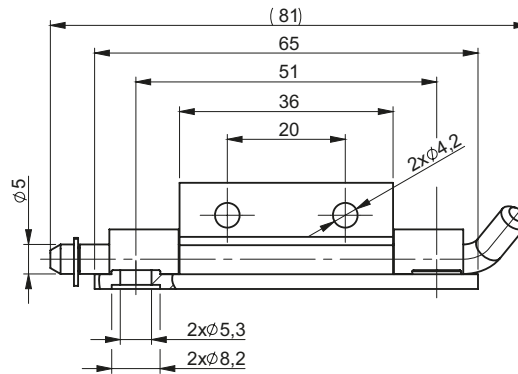
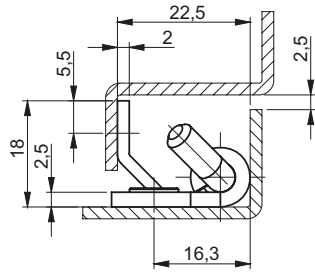
CATALOGUE NUMBER	COMPONENTS	MATERIAL
3.ST43.001	Holder	Steel
	Pin, Base	Steel zinc plated
3.ST43.001SN	Holder, Base, Pin	Stainless steel



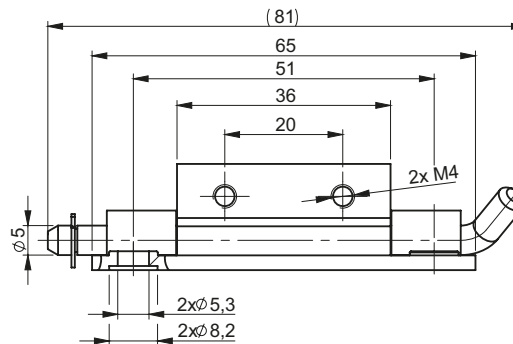
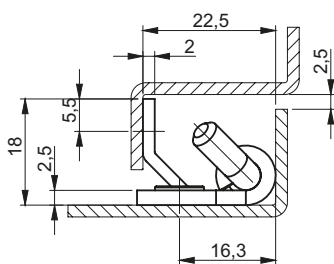
CATALOGUE NUMBER	COMPONENTS	MATERIAL
3.ST43.002	Holder	Steel
	Pin, Base	Steel zinc plated
3.ST43.002SN	Holder, Base, Pin	Stainless steel



CATALOGUE NUMBER	COMPONENTS	MATERIAL
3.ST43-2.001	Holder, Base, Pin	Steel zinc plated
3.ST43-2.001SN	Holder, Base, Pin	Stainless steel

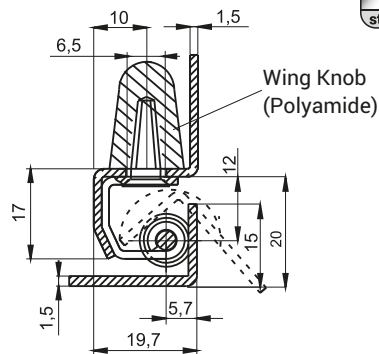
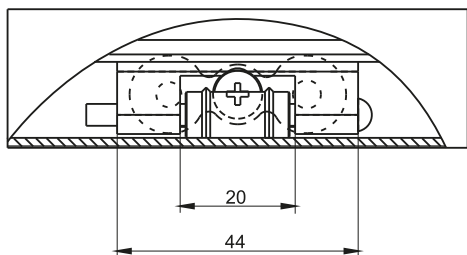


CATALOGUE NUMBER	COMPONENTS	MATERIAL
3.ST43.003	Holder, Pin Base	Steel zinc plated Steel zinc plated
3.ST43.003SN	Holder, Base, Pin	Stainless steel

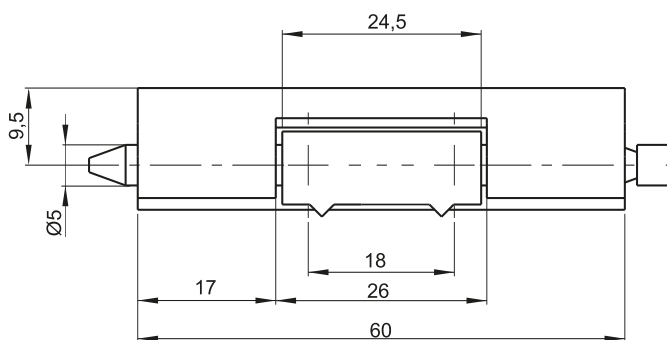
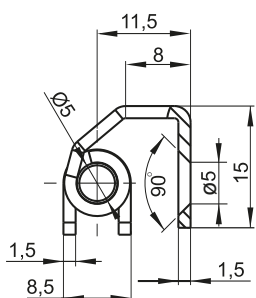


CATALOGUE NUMBER	COMPONENTS	MATERIAL
3.ST43.004*	Holder, Pin Base	Steel zinc plated Steel zinc plated
3.ST43.004SN	Holder, Base, Pin	Stainless steel

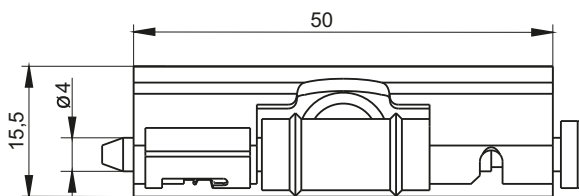
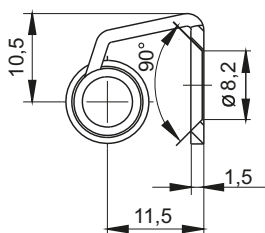
* - possibility to order the hinge version without cover



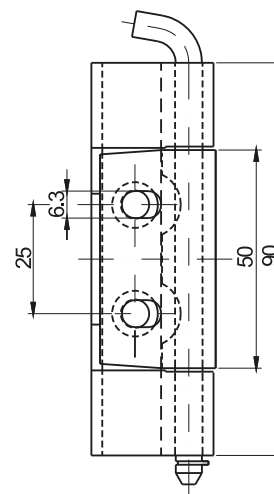
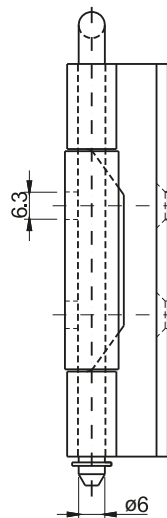
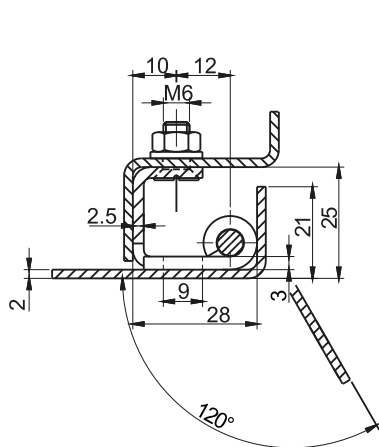
CATALOGUE NUMBER	COMPONENTS	MATERIAL
3.ST32.001	Base, Pin	Steel zinc plated
	Holder	Steel
3.ST32.001SN	Holder, Base, Pin	Stainless steel



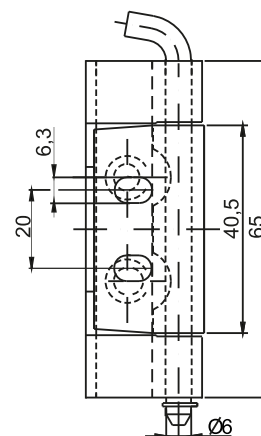
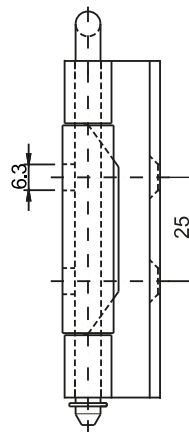
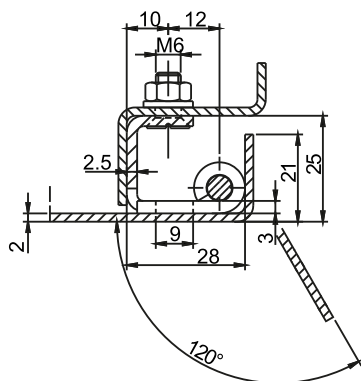
CATALOGUE NUMBER	COMPONENTS	MATERIAL
3.ST32.003	Base, Pin	Steel zinc plated
	Holder	Steel
3.ST32.003SN	Holder, Base, Pin	Stainless steel



CATALOGUE NUMBER	COMPONENTS	MATERIAL
3.ST32.005	Base, Pin	Steel zinc plated
	Holder	Steel

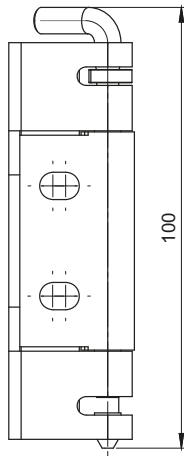


CATALOGUE NUMBER	COMPONENTS	MATERIAL
3.ST12.001	Holder, Base, Pin	Steel zinc plated
3.ST12.001SN	Holder, Base, Pin	Stainless steel

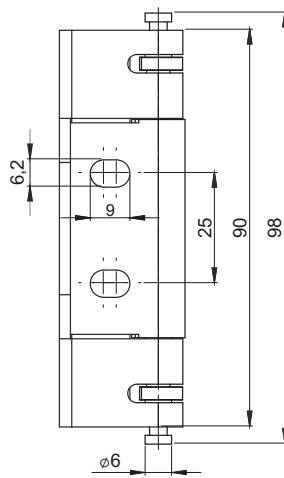


CATALOGUE NUMBER	COMPONENTS	MATERIAL
3.ST12-2.001	Holder, Base, Pin	Steel zinc plated
3.ST12-2.001SN	Holder, Base, Pin	Stainless steel

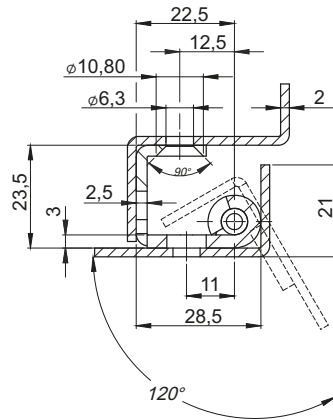
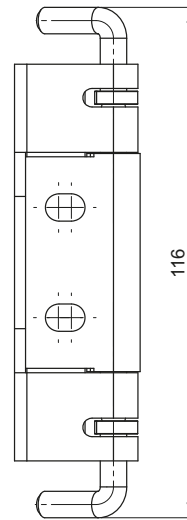
3.ST12B.001



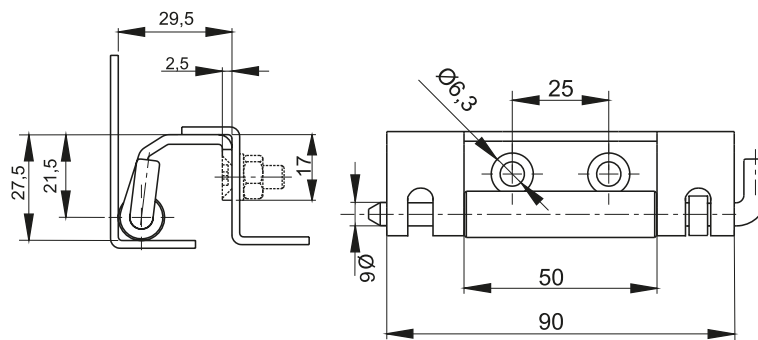
3.ST12B.002



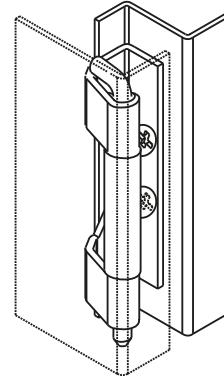
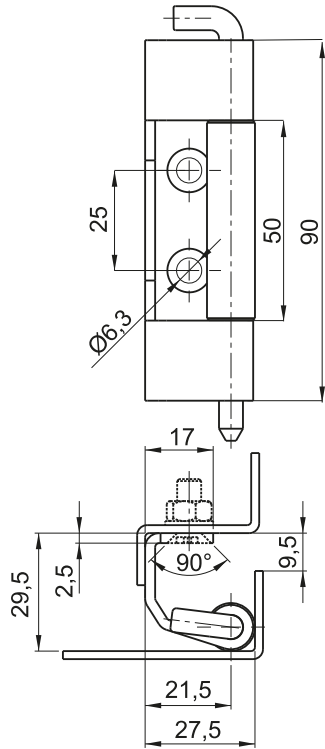
3.ST12B.003



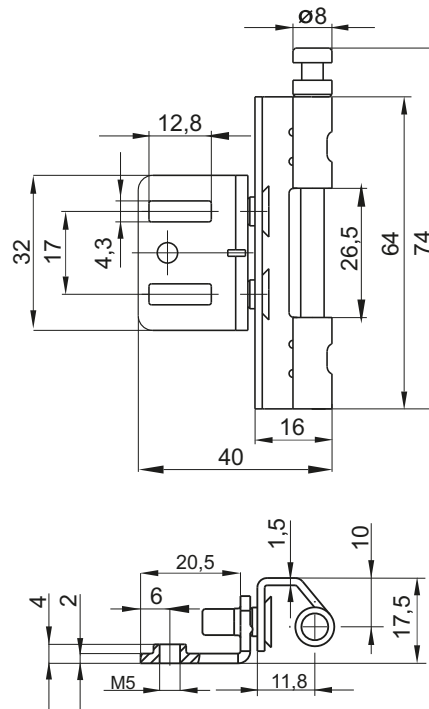
CATALOGUE NO.	COMPONENTS	MATERIAL
3.ST12B.001	Holder, Base, Pin	Steel zinc plated
3.ST12B.002	Blockade	POM
3.ST12B.003	Blockade	POM
3.ST12B.001SN	Holder, Base, Pin	Stainless steel
3.ST12B.002SN	Blockade	POM
3.ST12B.003SN	Blockade	POM



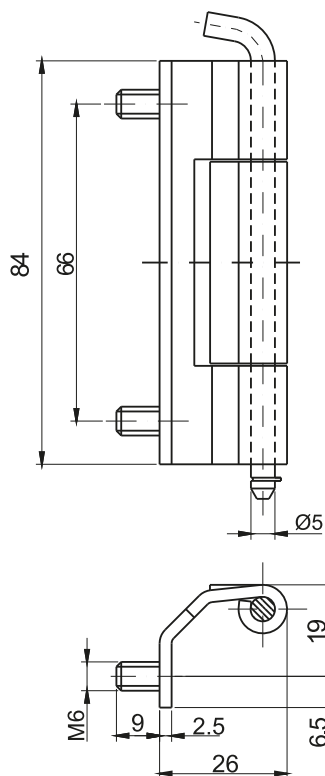
CATALOGUE NUMBER	COMPONENTS	MATERIAL
3.ST12-1B.001	Holder, Base, Pin	Steel zinc plated
3.ST12-1B.001	Blocade	POM
3.ST12-1B.001SN	Holder, Base, Pin	Stainless steel



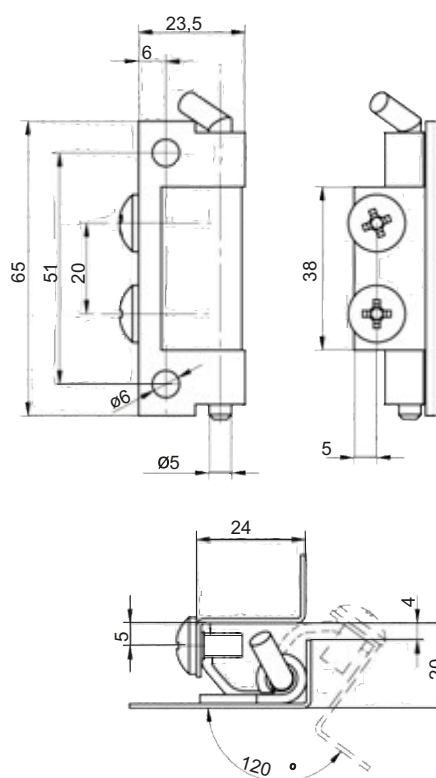
CATALOGUE NUMBER	COMPONENTS	MATERIAL
3.ST12-1.001	Base, Pin	Steel zinc plated
	Holder	Steel
3.ST12-1.001SN	Holder, Base, Pin	Stainless steel



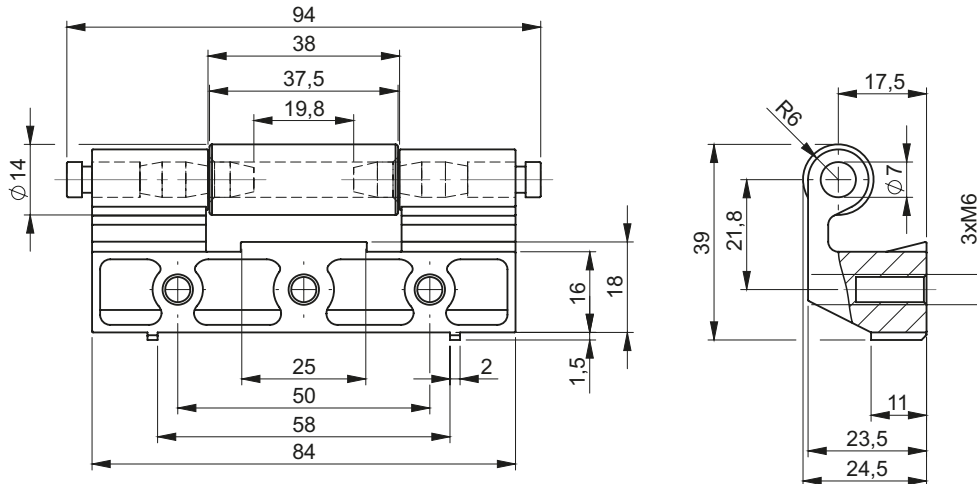
CATALOGUE NUMBER	COMPONENTS	MATERIAL
3.ST76.001	Holder, Base, Pin	Steel zinc plated
3.ST76.001SN	Holder, Base, Pin	Stainless steel



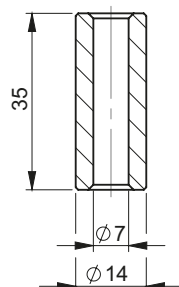
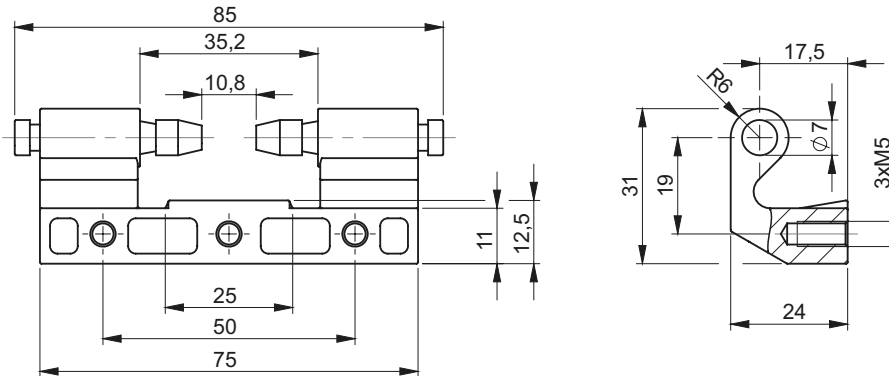
CATALOGUE NUMBER	COMPONENTS	MATERIAL
3.ST19-2.001	Base, Pin	Steel zinc plated
	Holder	Steel
3.ST19-2.001SN	Holder, Base, Pin	Stainless steel



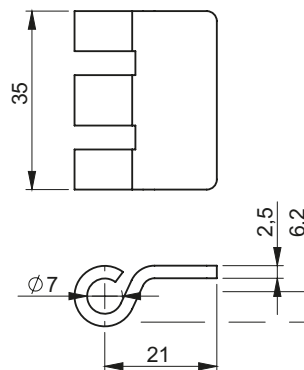
CATALOGUE NUMBER	COMPONENTS	MATERIAL
3.537.001	Holder, Base, Pin	Steel zinc plated
3.537.001SN	Holder, Base, Pin	Stainless steel



CATALOGUE NUMBER	COMPONENTS	MATERIAL	FINISH [C]
			RAL 9005
3.ST556.001	Holder	ZAMAK 5	04
	Base, Pin	Steel zinc plated	

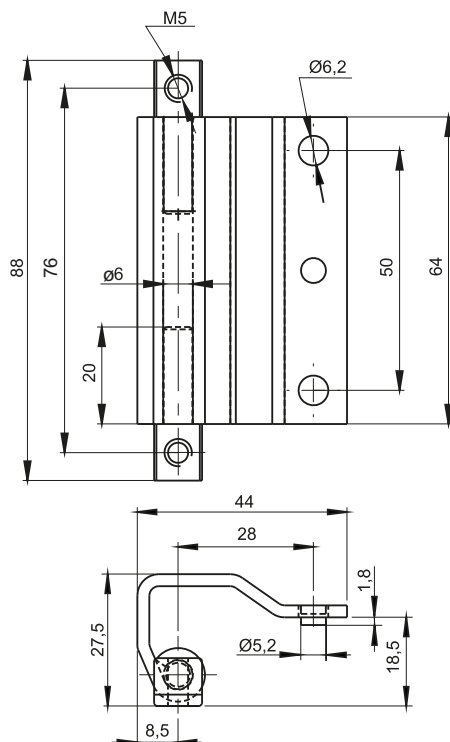


3.ST557.001

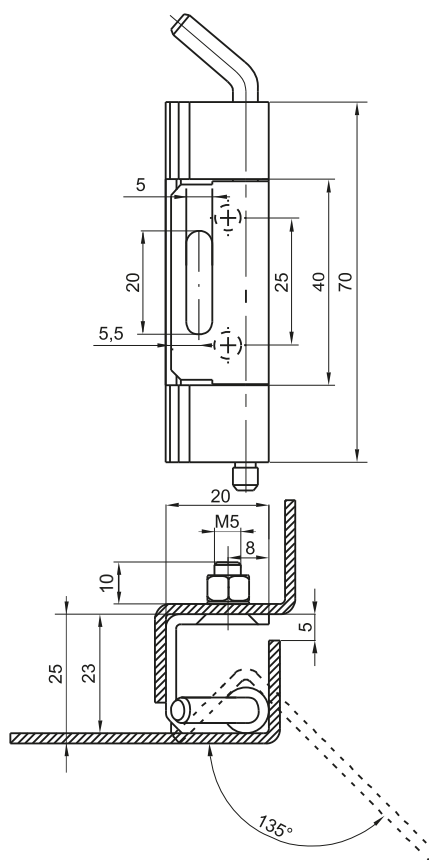


3.ST557.002

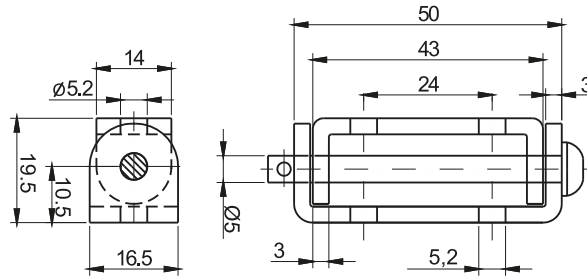
CATALOGUE NUMBER	DETAIL	COMPONENTS	MATERIAL	FINISH [C]
				RAL 9005
3.ST557.001	ver. with a bushing	Base	ZAMAK 5	04
3.ST557.002	ver. with a sheet metal	Holder, Pin	Steel zinc plated	



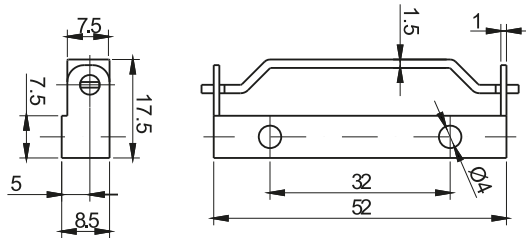
CATALOGUE NUMBER	COMPONENTS	MATERIAL
3.ST40.001	Holder, Base, Pin	Steel zinc plated
3.ST40.001SN	Holder, Base, Pin	Sainless steel



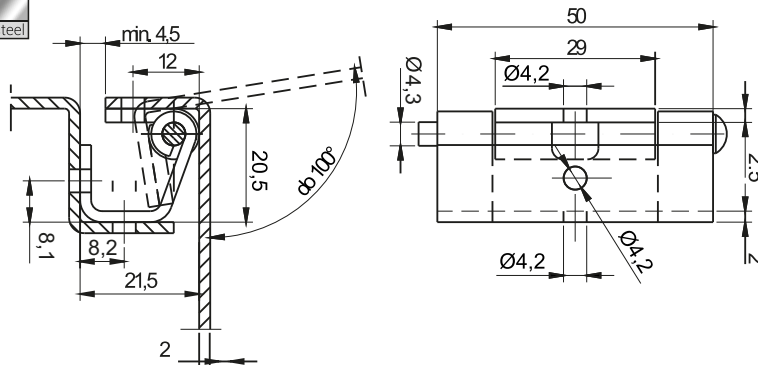
CATALOGUE NUMBER	COMPONENTS	MATERIAL
3.ST41.001	Base, Pin	Steel zinc plated
	Holder	Steel
3.ST41.001SN	Holder, Base, Pin	Sainless steel



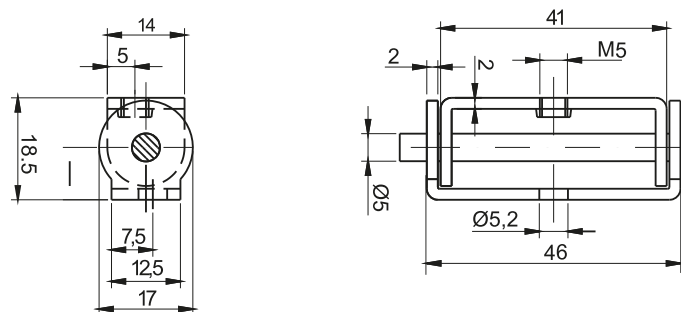
CATALOGUE NUMBER	COMPONENTS	MATERIAL
3.ST10.001	Holder, Base, Pin	Steel zinc plated
3.ST10.001SN	Holder, Base, Pin	Stainless steel



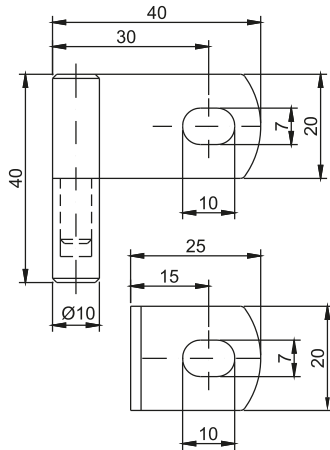
CATALOGUE NUMBER	COMPONENTS	MATERIAL
3.ST11.001	Base, Pin	Steel zinc plated
	Holder	Steel
3.ST11.001SN	Holder, Base, Pin	Sainless steel



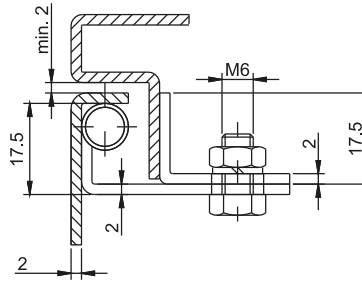
CATALOGUE NUMBER	COMPONENTS	MATERIAL
3.ST14.001	Holder, Base, Pin	Steel zinc plated
3.ST14.001SN	Holder, Base, Pin	Sainless steel



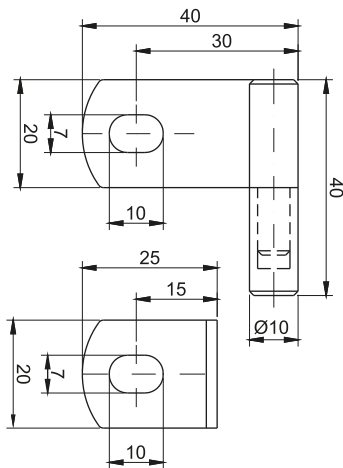
CATALOGUE NUMBER	COMPONENTS	MATERIAL
3.ST15.001	Holder, Base, Pin	Steel zinc plated
3.ST15.001SN	Holder, Base, Pin	Sainless steel



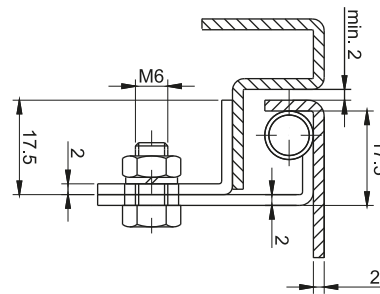
LEFT VERSION



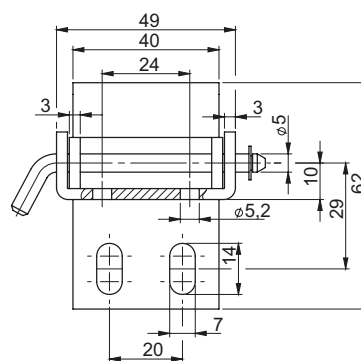
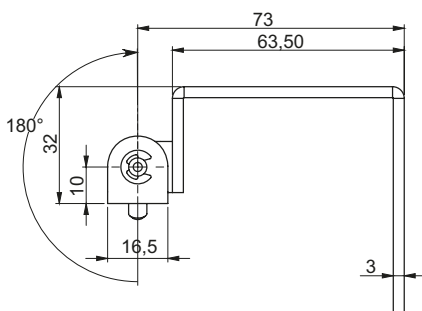
CATALOGUE NUMBER	COMPONENTS	MATERIAL
3.ST8.001	Fixed holder (screws)	Steel zinc plated
	Welded base	Steel
3.ST8.001SN	Holder, Base	Sainless steel



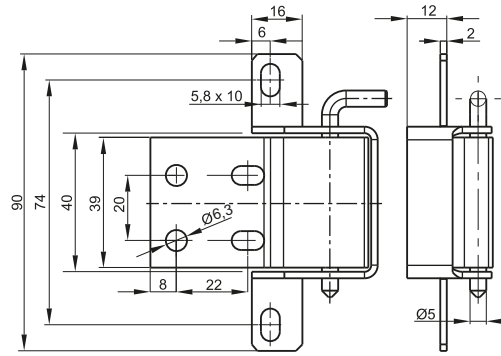
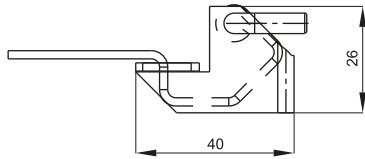
RIGHT VERSION



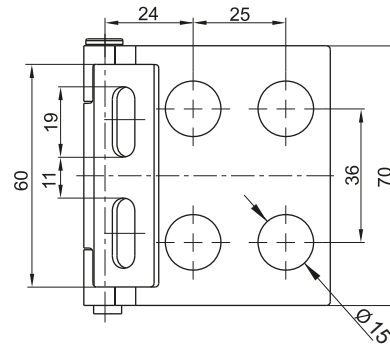
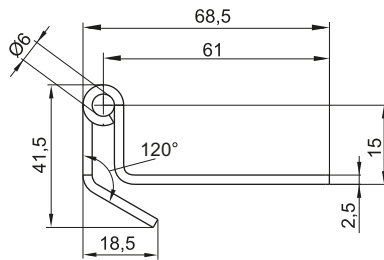
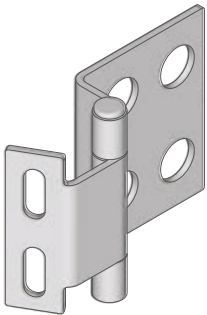
CATALOGUE NUMBER	COMPONENTS	MATERIAL
3.ST8.002	Fixed holder (screws)	Steel zinc plated
	Welded base	Steel
3.ST8.002SN	Holder, Base	Sainless steel



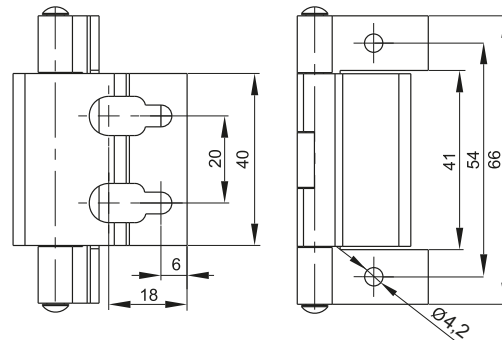
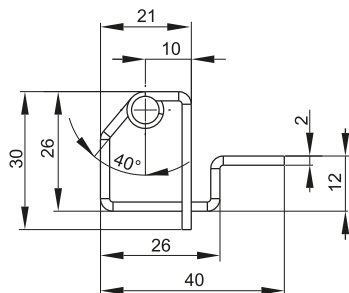
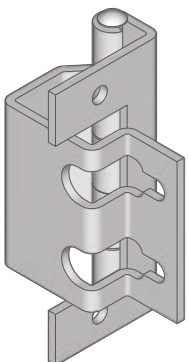
CATALOGUE NUMBER	COMPONENTS	MATERIAL
3.ST9.001	Holder, Base, Pin	Steel zinc plated
3.ST9.001SN	Holder, Base, Pin	Sainless steel



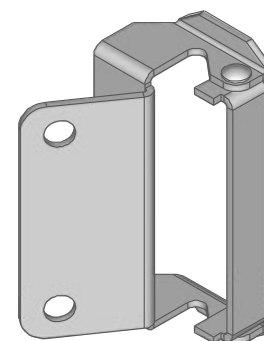
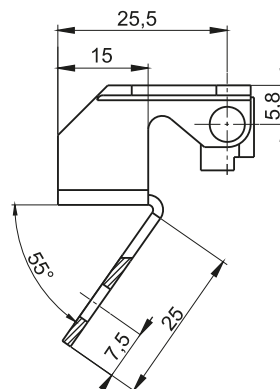
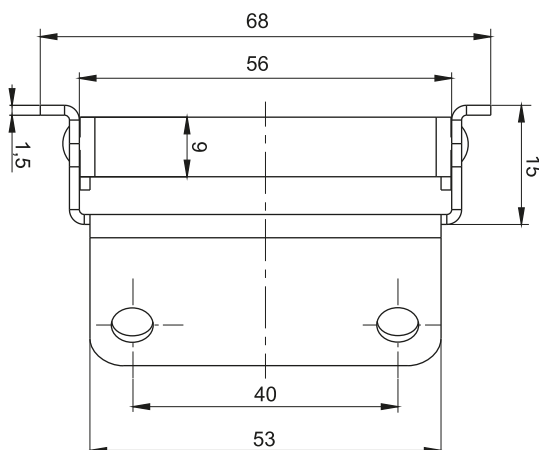
CATALOGUE NUMBER	COMPONENTS	MATERIAL
3.ST31.001	Holder, Base, Pin	Steel zinc plated
3.ST31.001SN	Holder, Base, Pin	Stainless steel



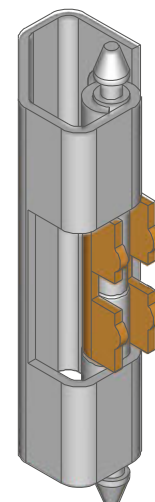
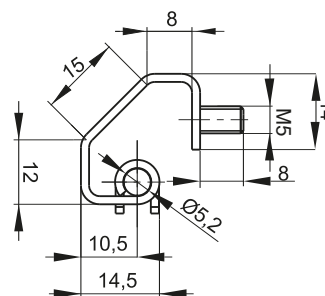
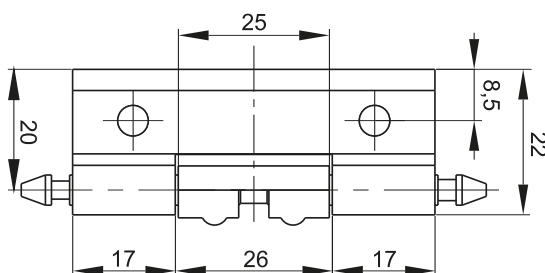
CATALOGUE NUMBER	COMPONENTS	MATERIAL
3.ST33.001	Holder, Base, Pin	Steel zinc plated
3.ST33.001SN	Holder, Base, Pin	Stainless steel



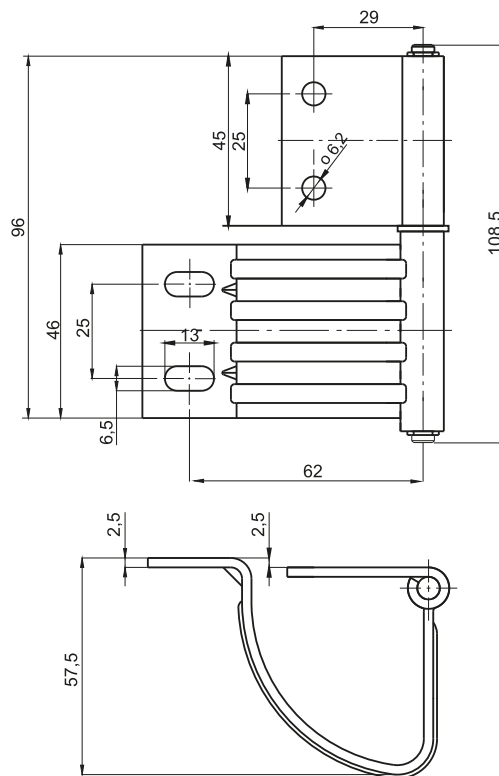
CATALOGUE NUMBER	COMPONENTS	MATERIAL
3.ST34.001	Holder, Base, Pin	Steel zinc plated
3.ST34.001SN	Holder, Base, Pin	Sainless steel



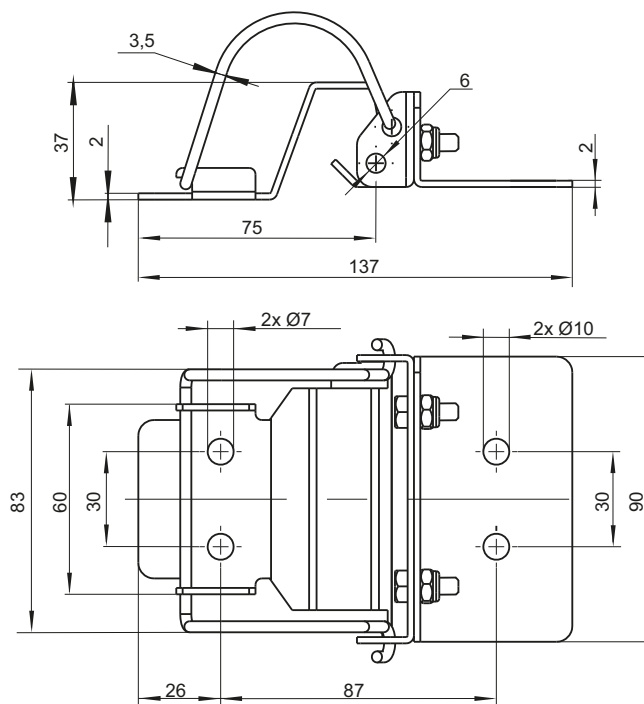
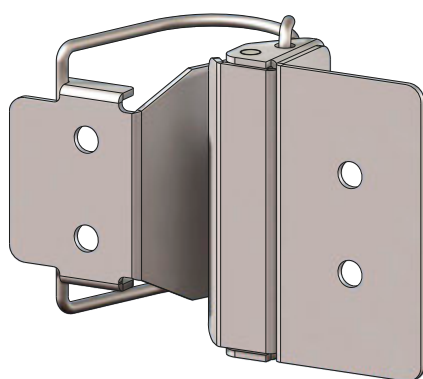
CATALOGUE NUMBER	COMPONENTS	MATERIAL
3.ST38.001	Holder, Base, Pin	Steel zinc plated
3.ST38.001SN	Holder, Base, Pin	Stainless steel



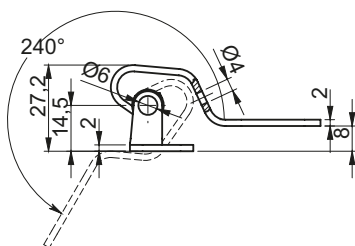
CATALOGUE NUMBER	COMPONENTS	MATERIAL
3.ST39.001	Base, Pin	Steel zinc plated
	Holder	Steel
3.ST39.001SN	Holder, Base, Pin	Stainless steel



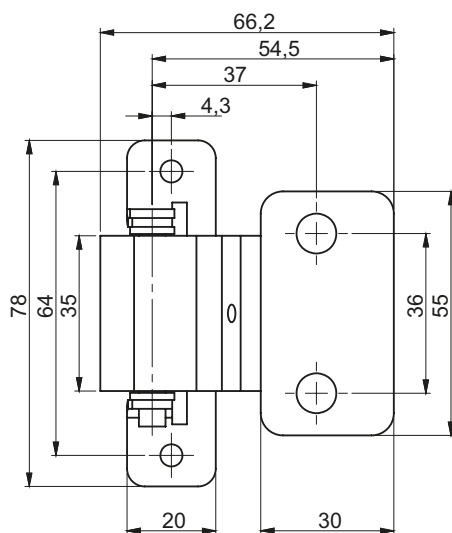
CATALOGUE NUMBER	COMPONENTS	MATERIAL
3.ST95.001	Holder, Base, Pin	Steel zinc plated
3.ST95.002SN	Holder, Base, Pin	Stainless steel



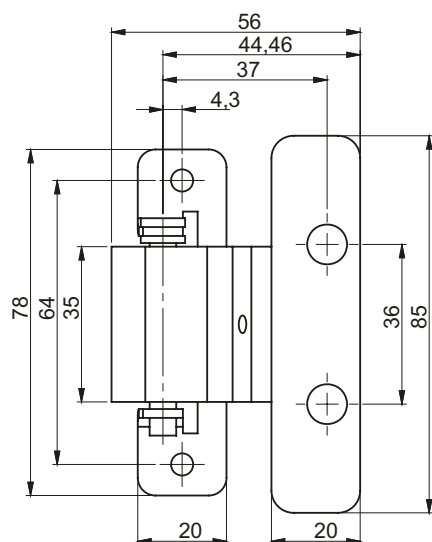
CATALOGUE NUMBER	MATERIAL
3.ST120.001SN	Stainless steel



3.ST118.001

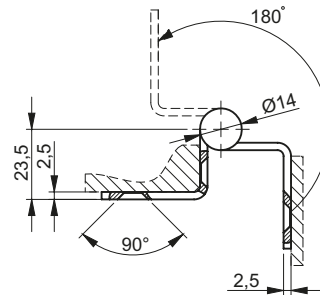
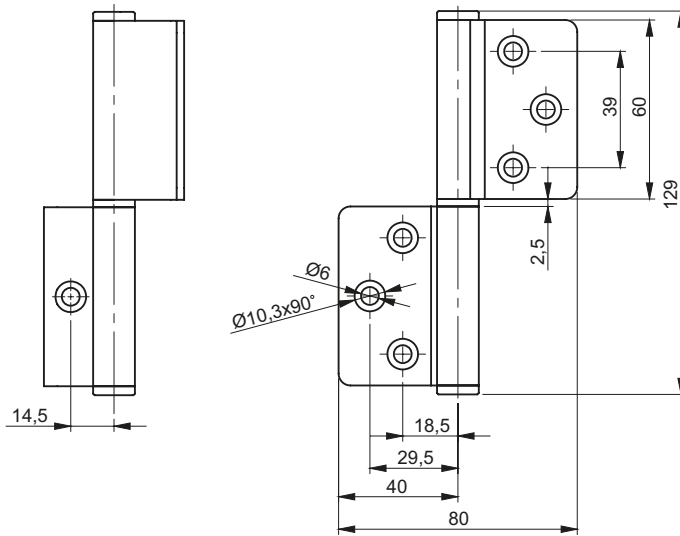


3.ST118.002

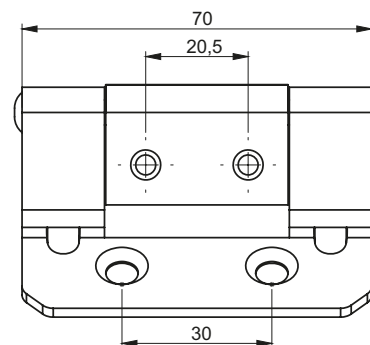
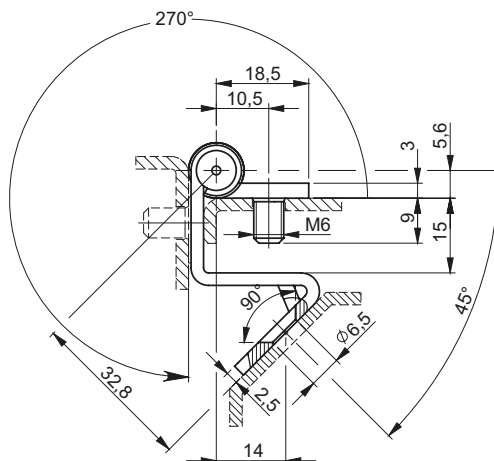


CATALOGUE NUMBER	COMPONENTS	MATERIAL	FINISH [C]
			RAL 9005
3.ST118.001	Holder, Base,	Steel zinc plated	04
	Pin	Stainless steel	
3.ST118.001SN	Holder, Base, Pin	Stainless steel	
3.ST118.002	Holder, Base	Steel zinc plated	
	Pin	Stainless steel	
3.ST118.002SN	Holder, Base, Pin	Stainless steel	

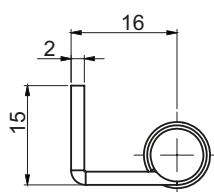
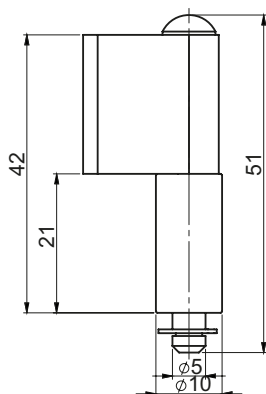
A - slide bushings made of plastics (POM)



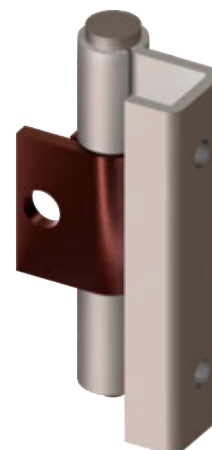
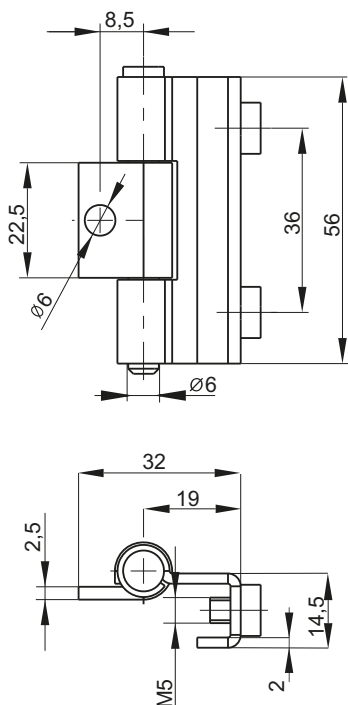
CATALOGUE NUMBER	COMPONENTS	MATERIAL
3.ST121.001	Holder, Base, Pin	Steel zinc plated
3.ST121.001SN	Holder, Base, Pin	Stainless steel



CATALOGUE NUMBER	COMPONENTS	MATERIAL
3.ST119.001	Holder, Base	Steel zinc plated
	Pin	Stainless steel

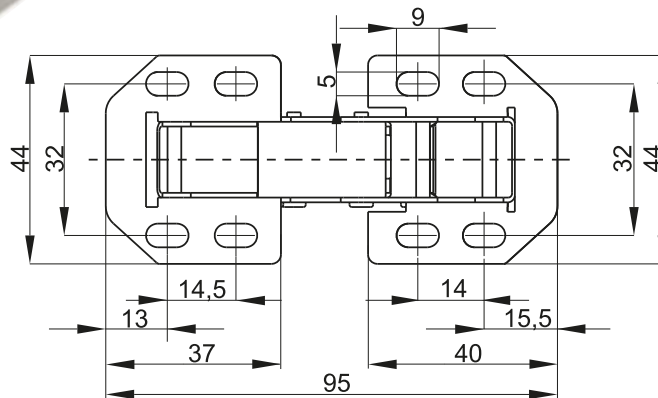
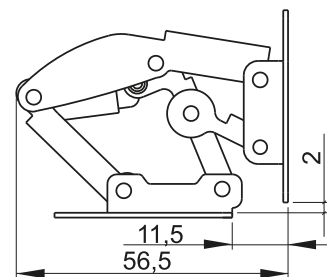
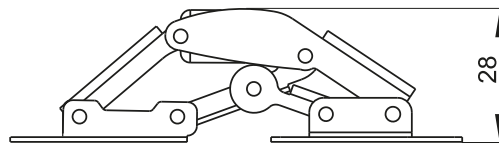


CATALOGUE NUMBER	COMPONENTS	MATERIAL
3.ST105.001	Holder, Base	Steel
	Pin	Steel zinc plated

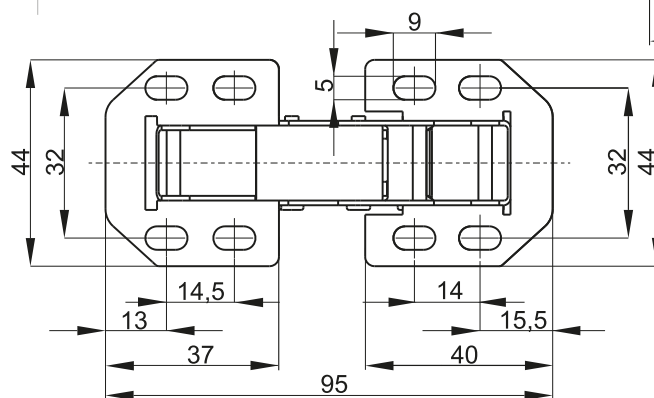
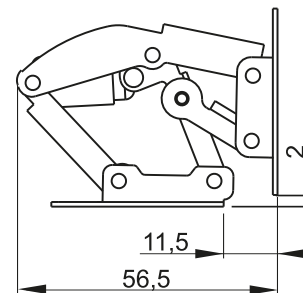
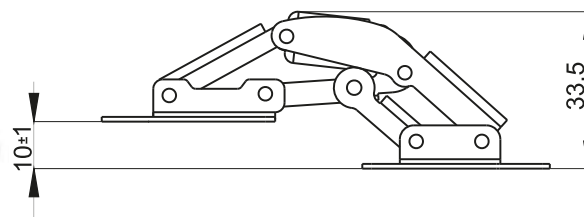


Two screws in the set DIN 7985 M5x6

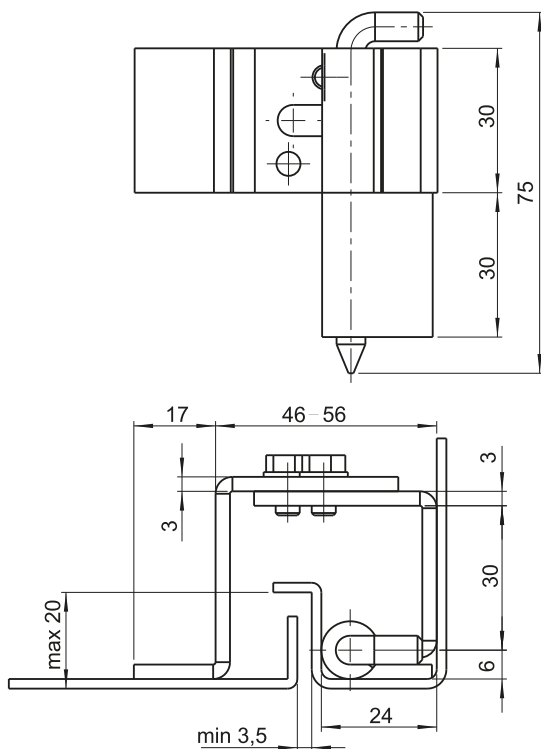
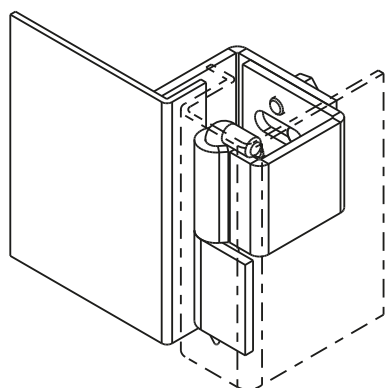
CATALOGUE NUMBER	COMPONENTS	MATERIAL
3.ST112.001	Base, Pin	Steel zinc plated
	Holder	Copper-clad steel



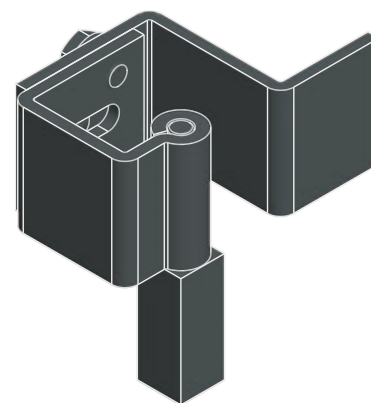
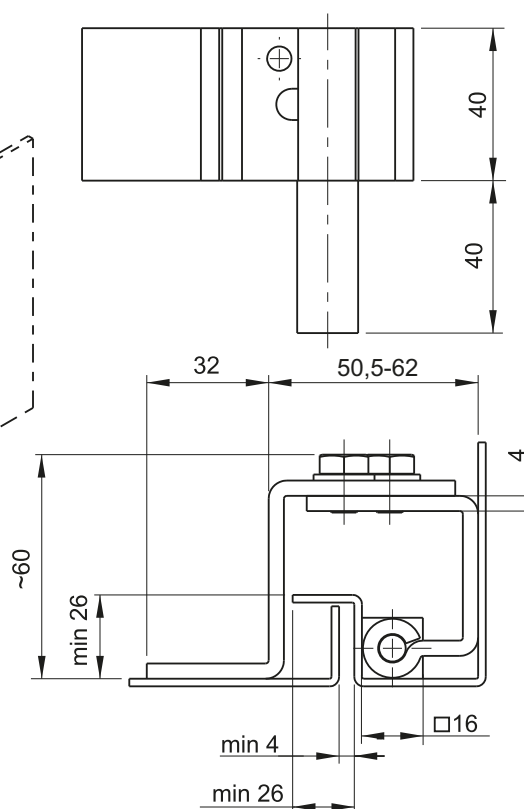
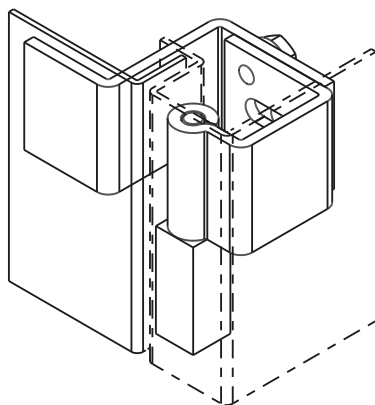
CATALOGUE NUMBER	COMPONENTS	MATERIAL
3.ST100.001	Base, Pin, Rivet	Steel zinc plated
3.ST100.001SN	Base, Pin, Rivet	Stainless steel



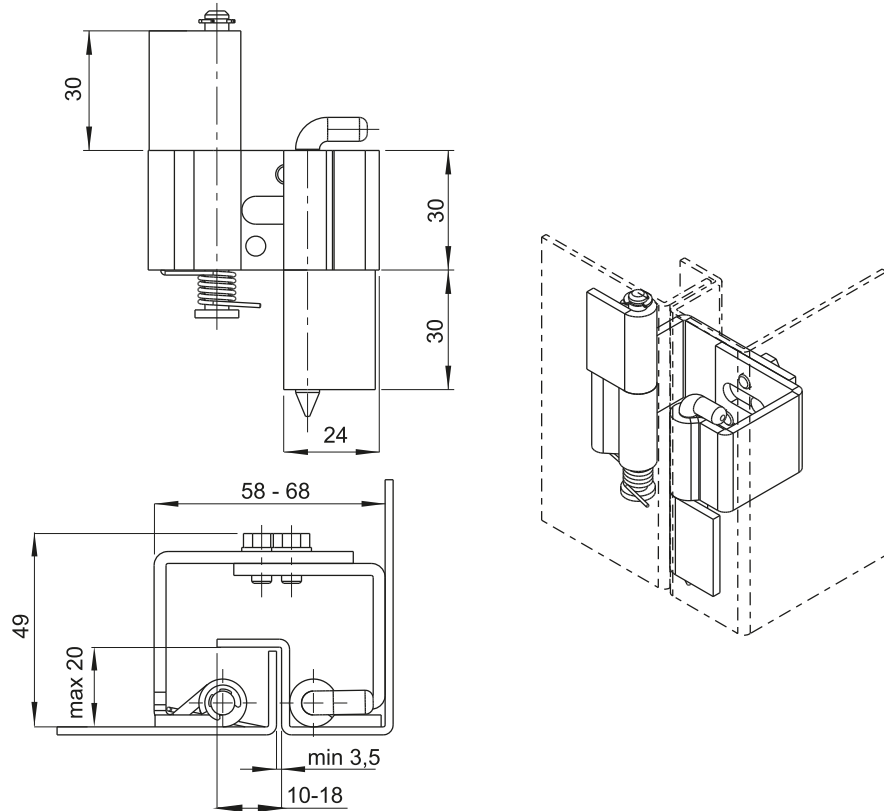
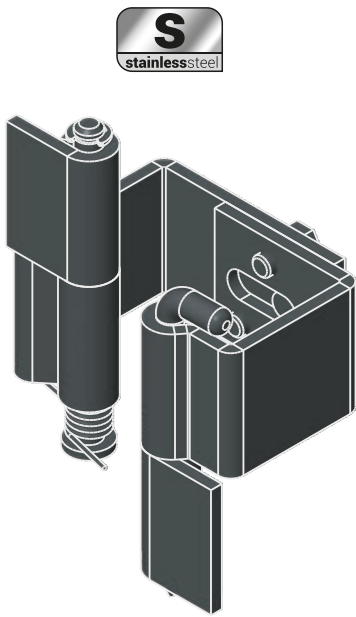
CATALOGUE NUMBER	COMPONENTS	MATERIAL
3.ST100.002	Base, Pin, Rivet	Steel zinc plated
3.ST100.002SN	Base, Pin, Rivet	Stainless steel



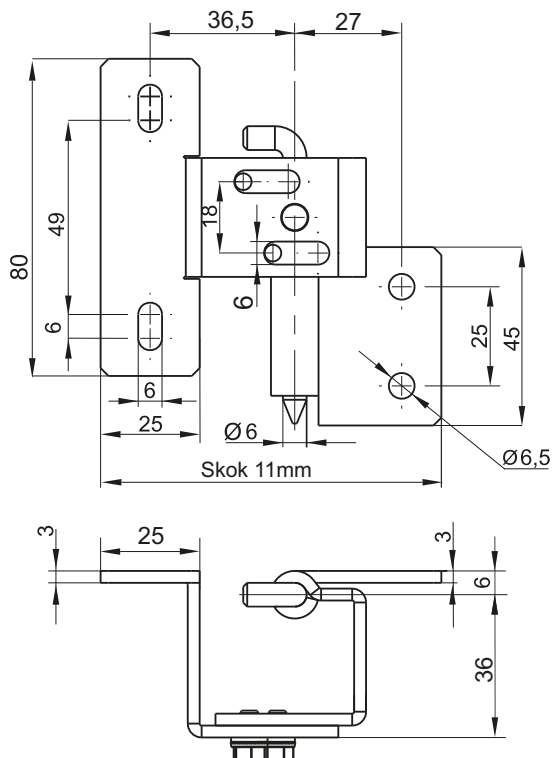
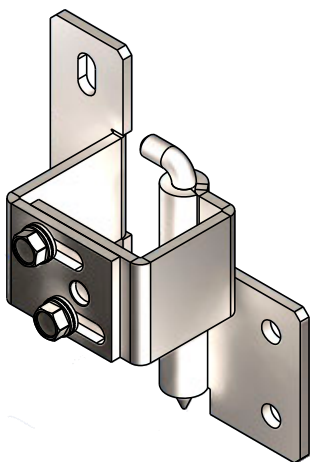
CATALOGUE NUMBER	COMPONENTS	MATERIAL
3.ST46.001	Holder, Pin	Steel zinc plated
	Base	Steel
3.ST46.001SN	Holder, Base, Pin	Stainless steel



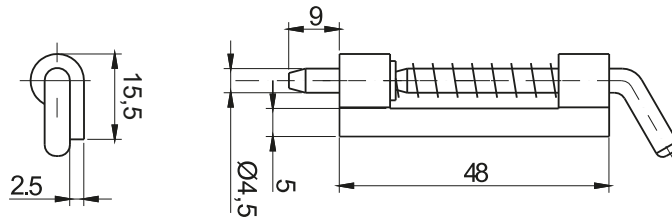
CATALOGUE NUMBER	COMPONENTS	MATERIAL
3.ST46-2.001	Holder	Steel
	Base	Steel zinc plated
3.ST46-2.001SN	Holder, Base, Pin	Stainless steel



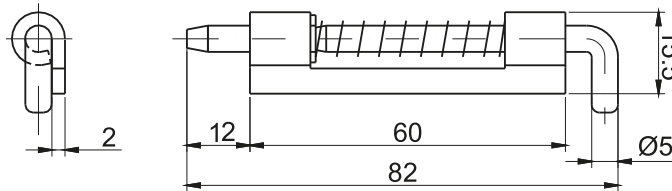
CATALOGUE NUMBER	COMPONENTS	MATERIAL
3.ST46-3.002	Holder, Pin	Steel zinc plated
	Base	Steel zinc plated
3.ST46-3.002SN	Holder, Base, Pin	Stainless steel



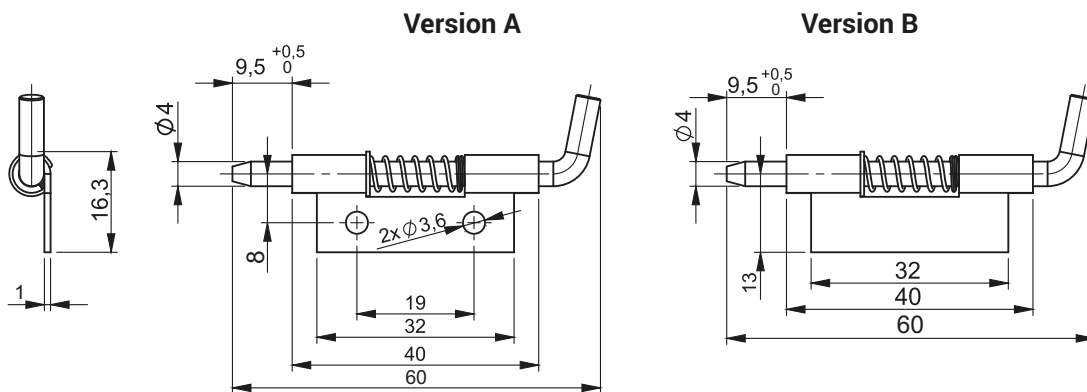
CATALOGUE NUMBER	COMPONENTS	MATERIAL
3.ST46-4.001	Holder, Base, Pin	Steel zinc plated
3.ST46-4.001SN	Holder, Base, Pin	Stainless steel



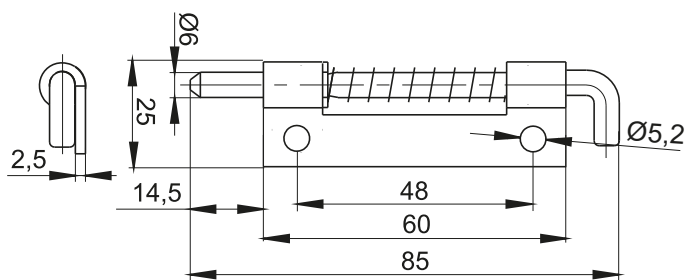
CATALOGUE NUMBER	COMPONENTS	MATERIAL
3.ST20.001	Holder	Steel
	Pin, Spring	Steel zinc plated
3.ST20.001SN	Holder, Pin, Spring	Stainless steel



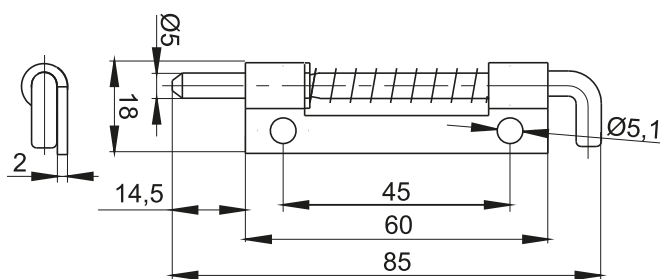
CATALOGUE NUMBER	COMPONENTS	MATERIAL
3.ST20.002	Holder	Steel
	Pin, Spring	Steel zinc plated
3.ST20.002SN	Holder, Pin, Spring	Stainless steel



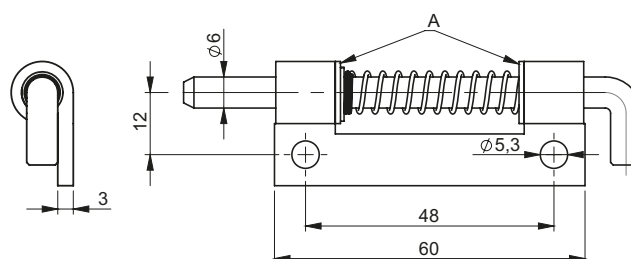
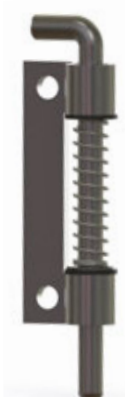
CATALOGUE NUMBER	VERSION	COMPONENTS	MATERIAL
3.ST20.003	A	Holder, Pin, Spring	Steel zinc plated
3.ST20.003SN		Holder, Pin, Spring	Stainless steel
3.ST20.003	B	Holder	Steel
		Pin, Spring	Steel zinc plated
3.ST20.003SN		Holder, Pin, Spring	Stainless steel



CATALOGUE NUMBER	COMPONENTS	MATERIAL
3.ST20.004	Holder, Pin	Steel zinc plated
3.ST20.004SN	Holder, Pin	Stainless steel

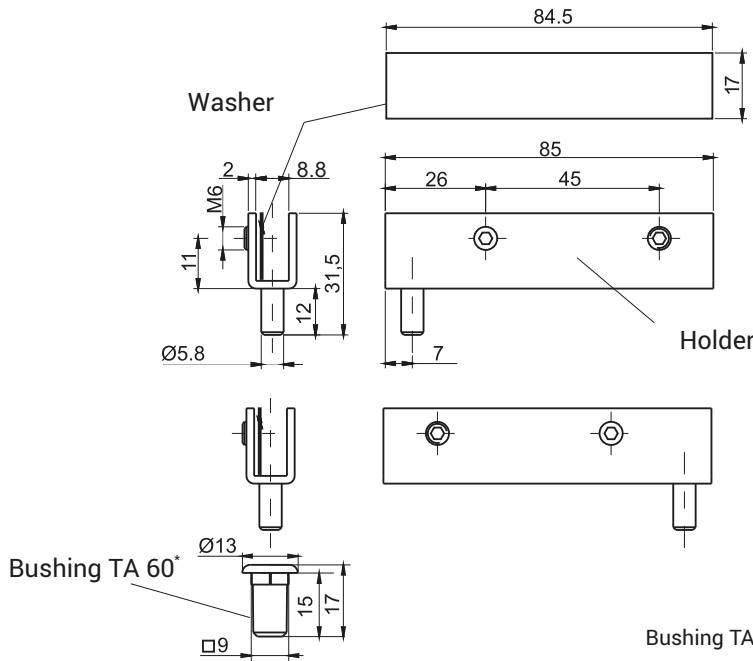


CATALOGUE NUMBER	COMPONENTS	MATERIAL
3.ST20.005	Holder, Pin	Steel zinc plated
3.ST20.005SN	Holder, Pin	Stainless steel



CATALOGUE NUMBER	COMPONENTS	MATERIAL
3.ST20.010	Holder, Pin	Steel zinc plated
	Plain bearing bush	POM
3.ST20.010SN	Holder, Pin	Stainless steel

A- plain bearing bush made of plastic



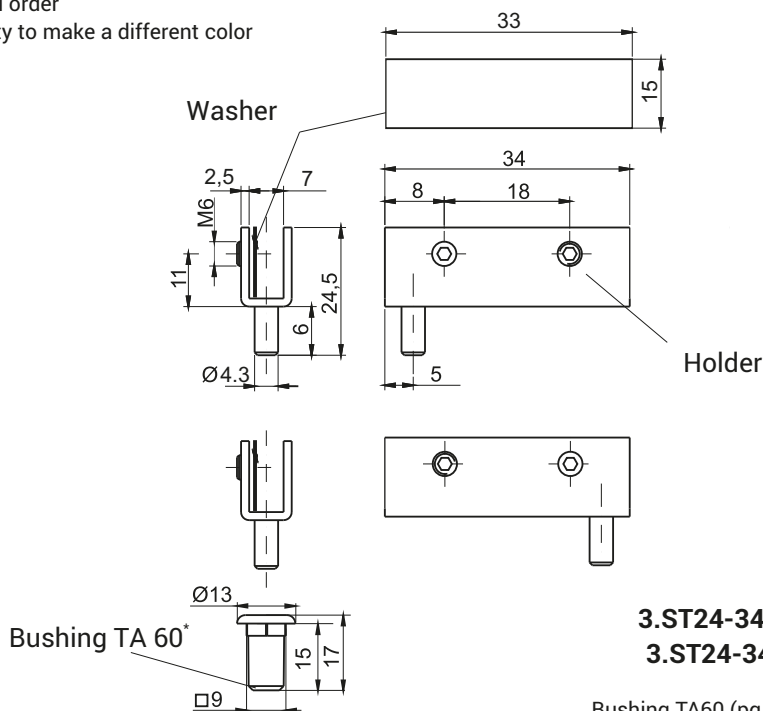
3.ST24.001 - right version
3.ST24.002 - left version

Bushing TA60 (pg. 3B-32) ordered separately.

CATALOGUE NUMBER	COMPONENTS	MATERIAL	FINISH [C]	
			RAL9005	RAL7035
3.ST24.001	Holder	Steel zinc plated	04	05
	Washer	Brass		
3.ST24.002	Holder	Steel zinc plated		
	Washer	Brass		

* to special order

** possibility to make a different color



3.ST24-34.001 - right version
3.ST24-34.002 - left version

Bushing TA60 (pg. 3B-32) ordered separately.

CATALOGUE NUMBER	COMPONENTS	MATERIAL	FINISH [C]	
			RAL9005	RAL7035
3.ST24-34.001	Holder	Steel zinc plated	04	05
	Washer	Brass		
3.ST24-34.002	Holder	Steel zinc plated		
	Washer	Brass		

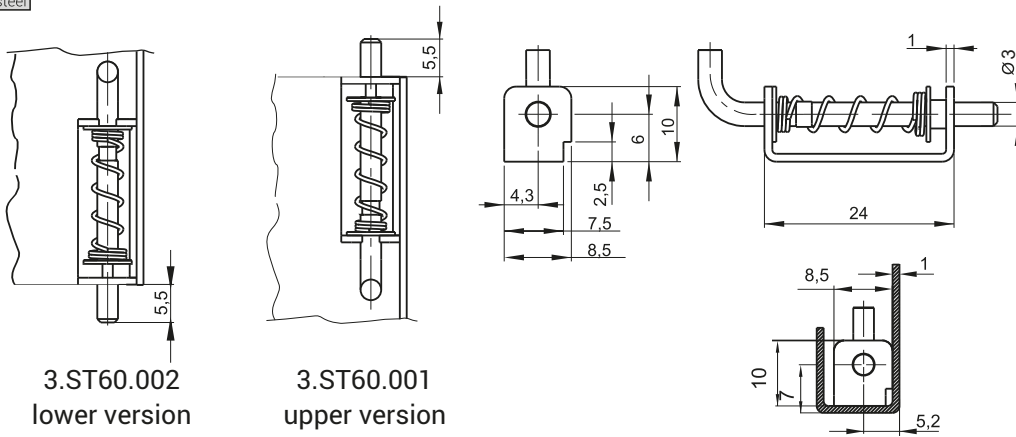
* to special order, ** possibility to make a different color

How to order:

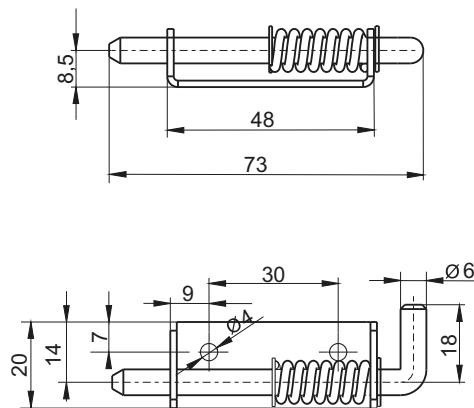
Catalogue number

Finish

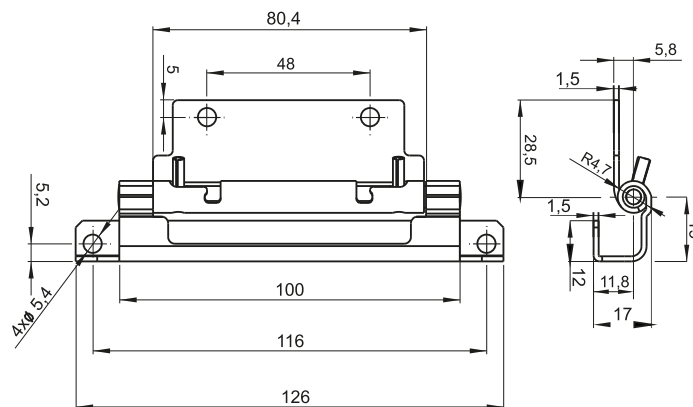
3.ST24.001 — C



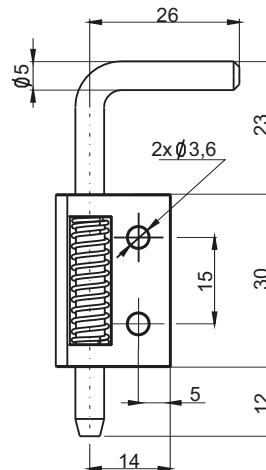
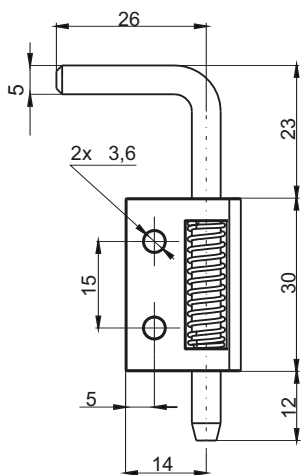
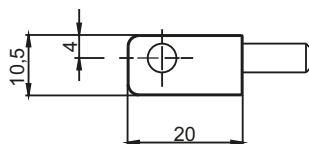
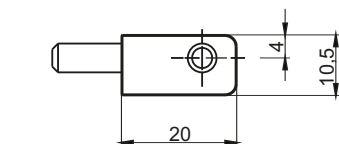
CATALOGUE NUMBER	COMPONENTS	MATERIAL
3.ST60.001	Holder	Steel
3.ST60.002	Pin	Steel zinc plated
3.ST60.001SN 3.ST60.002SN	Holder, Pin	Stainless steel



CATALOGUE NUMBER	COMPONENTS	MATERIAL
3.ST60.003	Holder, Pin	Steel zinc plated
3.ST60.004	Holder, Pin	Steel zinc plated



CATALOGUE NUMBER	COMPONENTS	MATERIAL
3.ST65.001	Holder, Base, Pin	Steel zinc plated
3.ST65.001SN	Holder, Base, Pin	Stainless steel



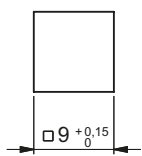
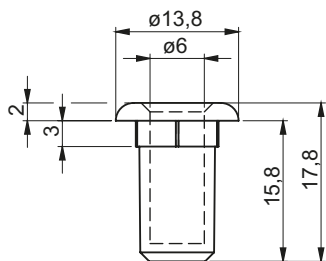
3.ST94.001

3.ST94.002

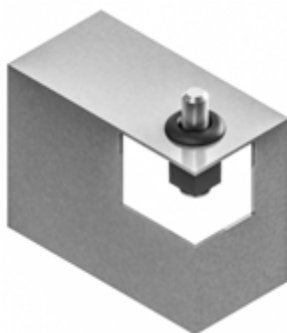


CATALOGUE NUMBER	COMPONENTS	MATERIAL	FINISH [C]
			RAL9005
3.ST94.001	Holder	Polyamide	07
3.ST94.002	Pin	Steel zinc plated	

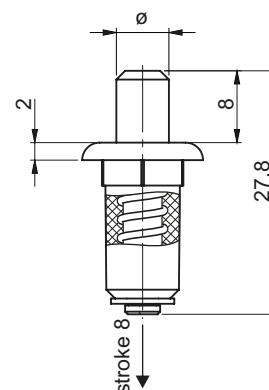
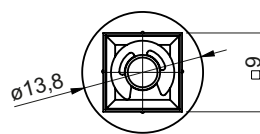
TA60



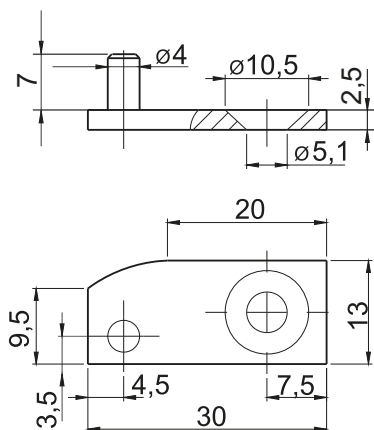
Mounting hole



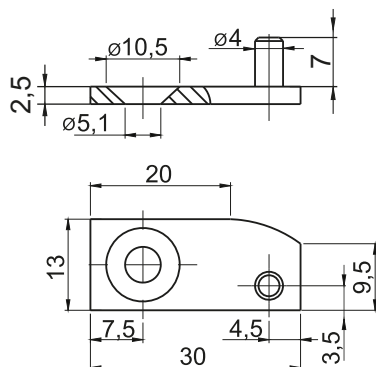
3.ST81.100
3.ST81.101



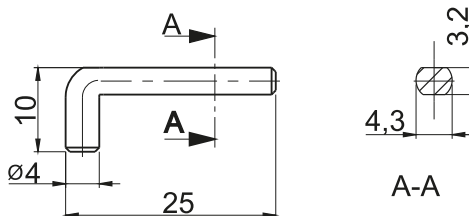
CATALOGUE NUMBER	ø [mm]	COMPONENTS	MATERIAL	FINISH [C]
				RAL9005
3.ST81.100	6	Housing	Polyamide PA6	07
3.ST81.101	5	Pin	Steel zinc plated	
		Spring	Spring steel zinc plated	
TA60	6	Bushing	Polyamide PA6	



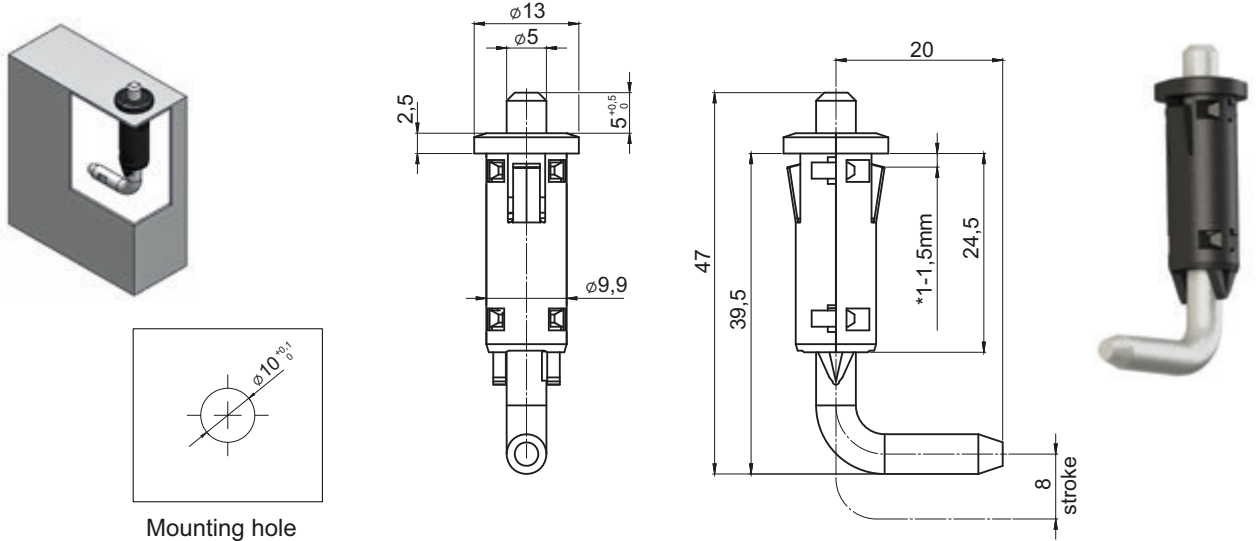
CATALOGUE NUMBER	COMPONENTS	MATERIAL
3.ST67.001	Holder	Steel zinc plated



CATALOGUE NUMBER	COMPONENTS	MATERIAL
3.ST67.002	Holder	Steel zinc plated



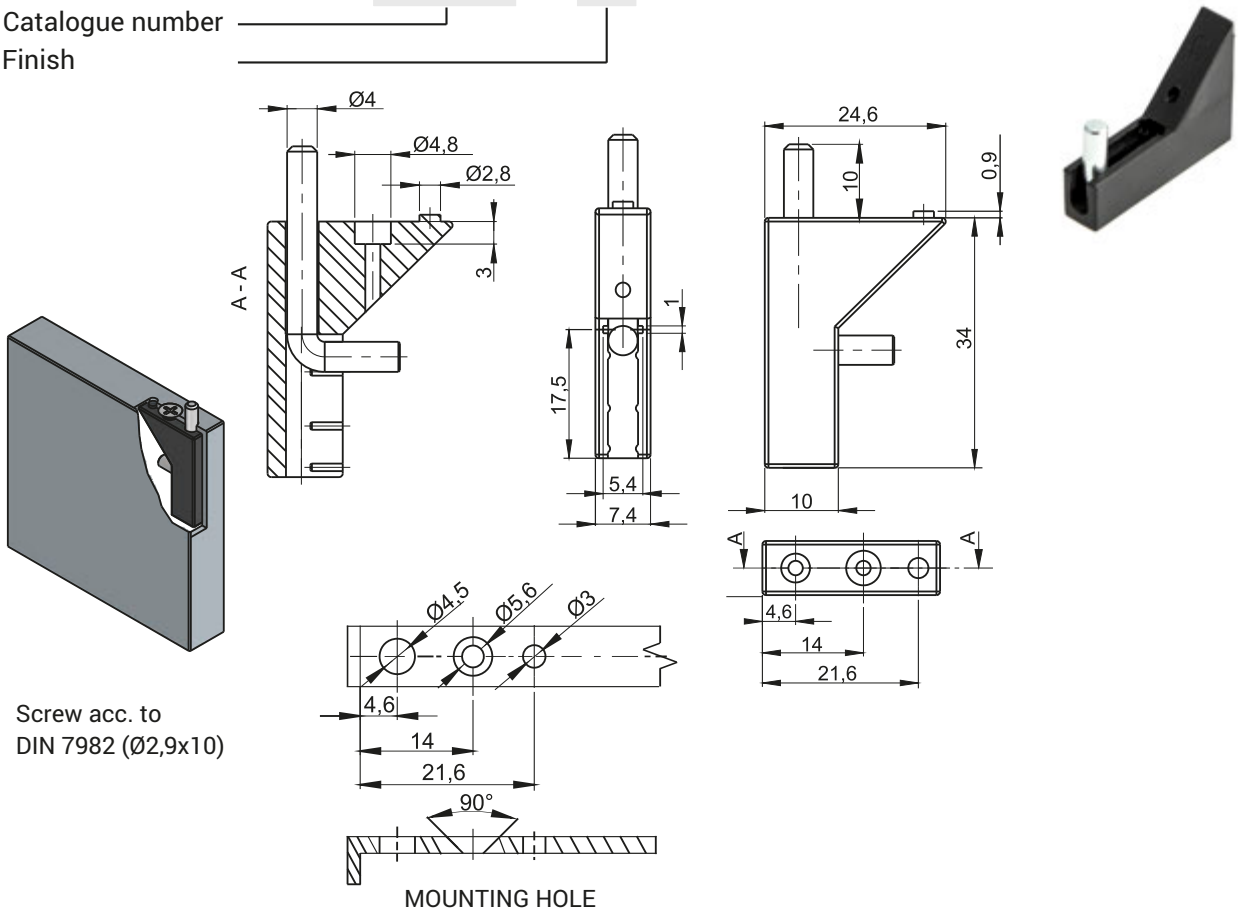
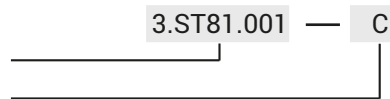
CATALOGUE NUMBER	COMPONENTS	MATERIAL
3.ST67.001.03	Pin	Steel



CATALOGUE NO.	COMPONENTS	MATERIAL	FINISH [C]	
			RAL 9005	RAL 9010
3.ST81.001	Housing	Polyamide	07	11
	Pin	ZAMAK 5		
	Spring	Steel		

How to order.

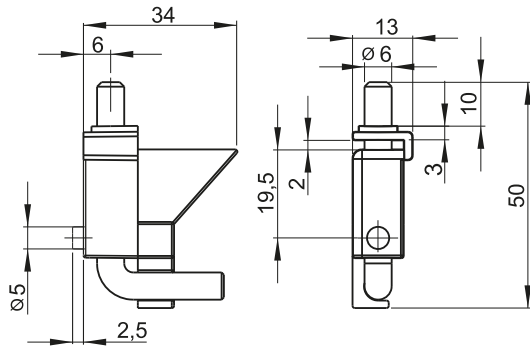
Catalogue number
Finish



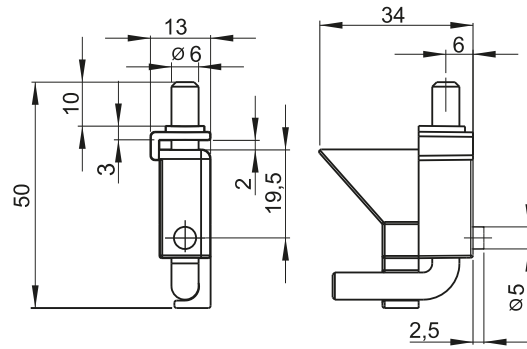
CATALOGUE NUMBER	COMPONENTS	MATERIAL	FINISH [C]
			RAL 9005
3.ST84.001	Holder	Polyamide	07
	Pin	Steel zinc plated	



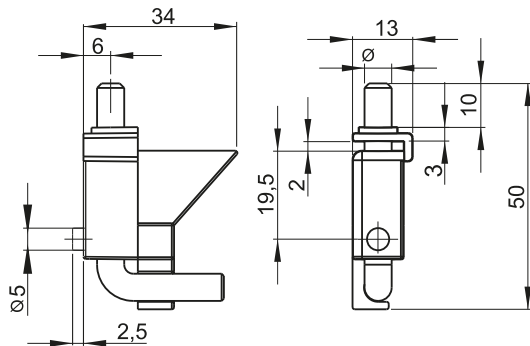
3.ST96.001



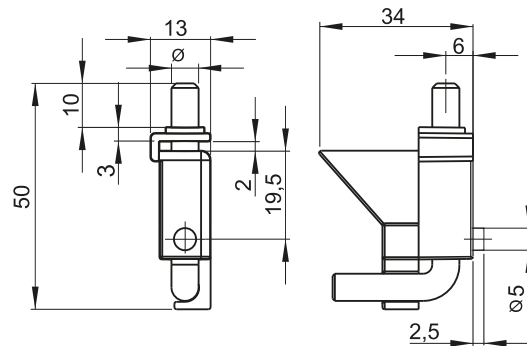
3.ST96.002



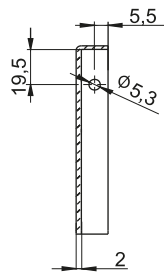
3.ST96.003



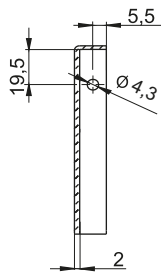
3.ST96.004



3.ST96.001

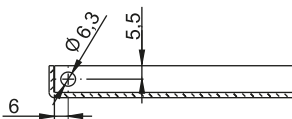


3.ST96.003

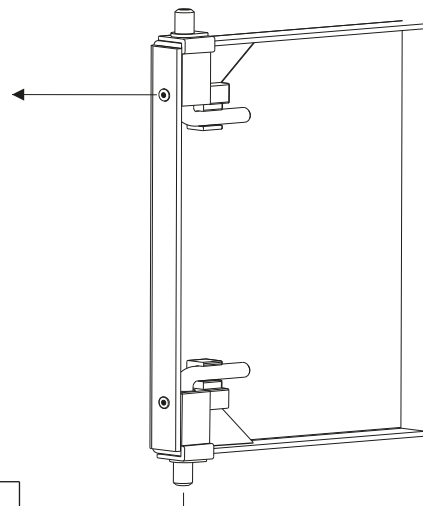
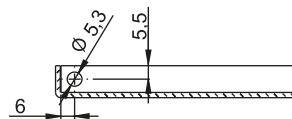


Mounting holes

3.ST96.002



3.ST96.004



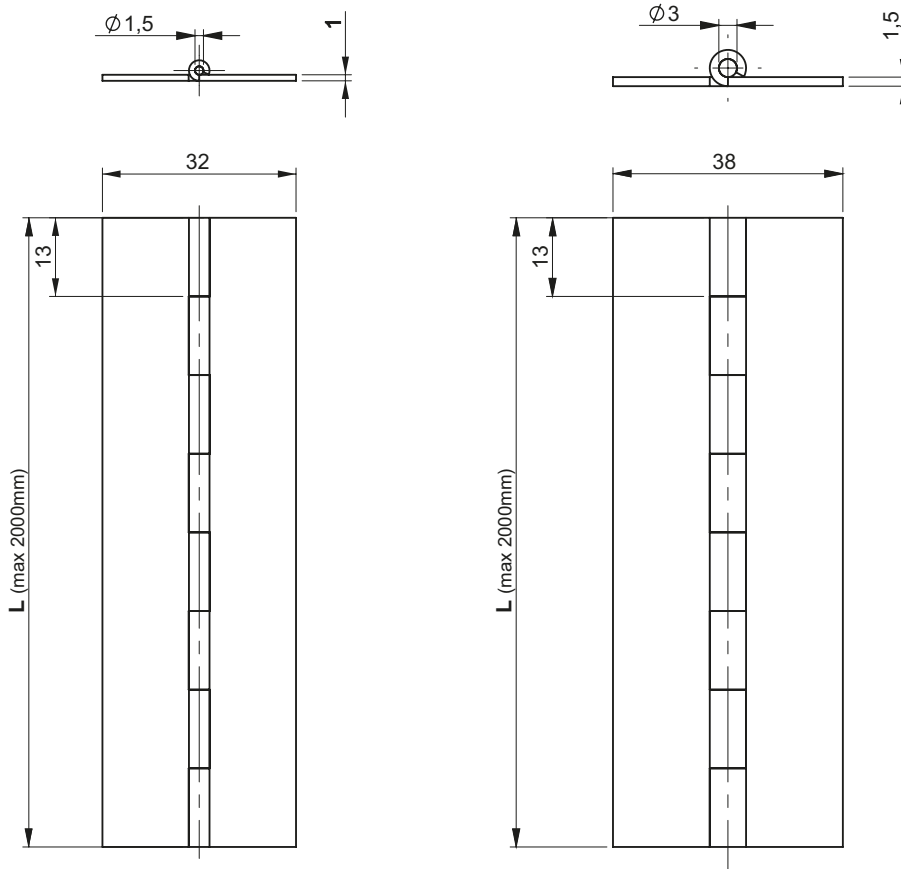
CATALOGUE NUMBER	COMPONENTS	MATERIAL	FINISH [C]	
			RAL9005	RAL7035
3.ST96.001	Holder	PP	07	08
3.ST96.002	Pin	Steel zinc plated		
3.ST96.003	Holder	PP	07	08
3.ST96.004	Pin	Steel zinc plated		

How to order:

Catalogue number

Finish

3.ST96.001 — C



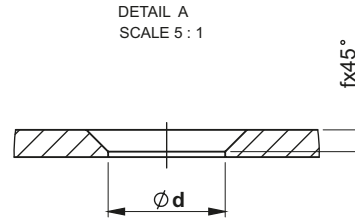
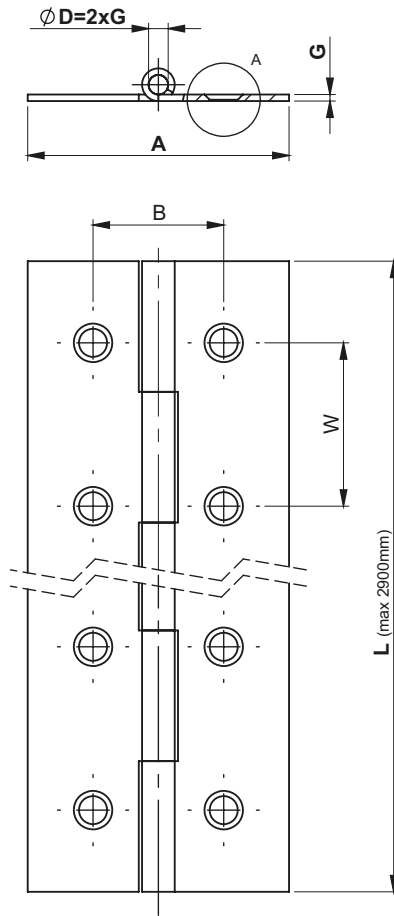
CATALOGUE NUMBER	COMPONENTS	MATERIAL
3.ST26.001-L	Holder, Pin	Steel zinc plated
3.ST26.001SN-L		Stainless steel
3.ST26.002-L		Steel zinc plated
3.ST26.002SN-L		Stainless steel

How to order:

Catalogue number

Dimension L

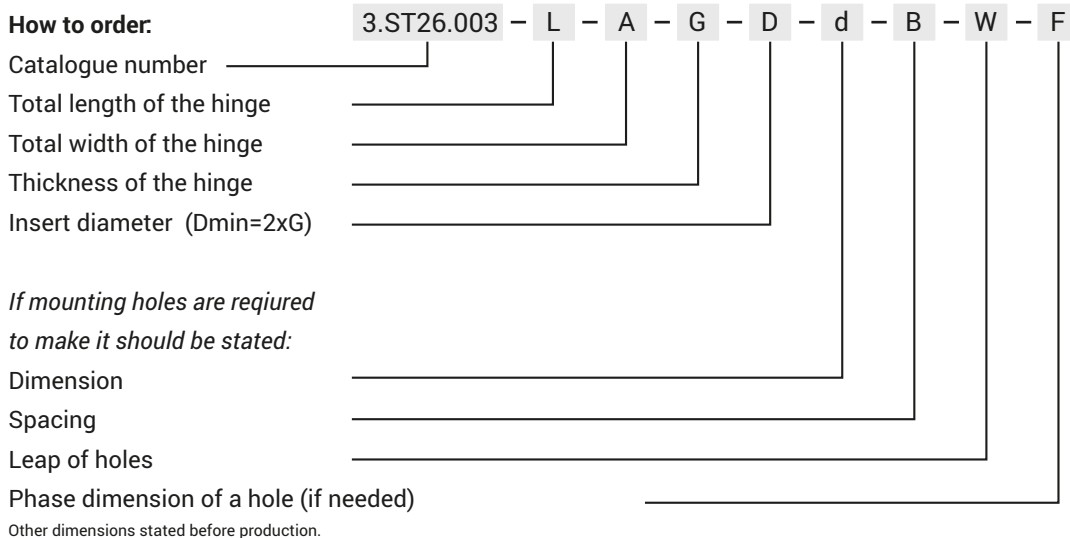
3.ST26.001 — L

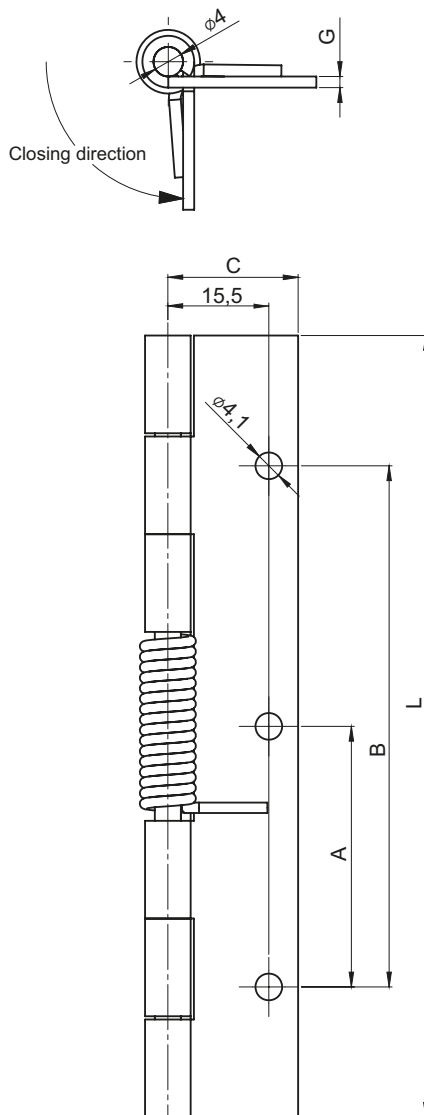


Standard insert diameter D for chosen thickness	
Sheet metal thickness G	Insert diameter D
0,8	Ø2
1	Ø2
1,5	Ø3, Ø4
2	Ø4, Ø6
3	Ø6

CATALOGUE NUMBER	COMPONENTS	MATERIAL
3.ST26.003	Holder, Pin	Steel zinc plated
3.ST26.003SN		Stainless steel

How to order:





3.ST50.001



3.ST50.002



3.ST50.003



3.ST50.004

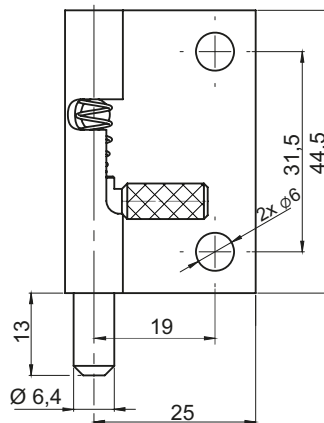


*closing from axis

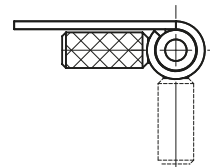
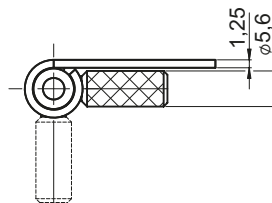
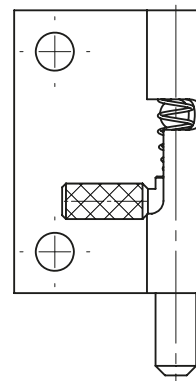
CATALOGUE NUMBER	DIMENSION					MATERIAL
	A	B	C	G	L	
3.ST50.001	30	-	25	2	50	Steel zinc plated
3.ST50.002	40	80	20	1,5	120	
3.ST50.003	60	120	20	1,5	180	
3.ST50.004	-	-	20	1,5	120	
3.ST50.001SN	30	-	25	2	180	Stainless steel
3.ST50.002SN	40	80	20	1,5	120	
3.ST50.003SN	60	120	20	1,5	180	
3.ST50.004SN	-	-	20	1,5	120	



Left hinge
3.ST79.002



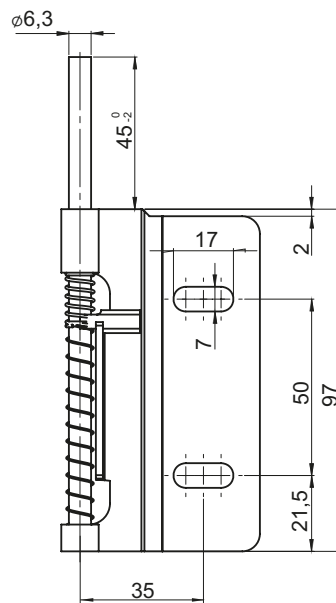
Right hinge
3.ST79.001



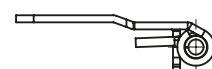
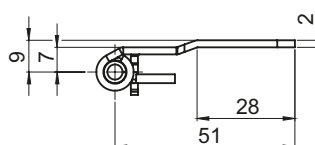
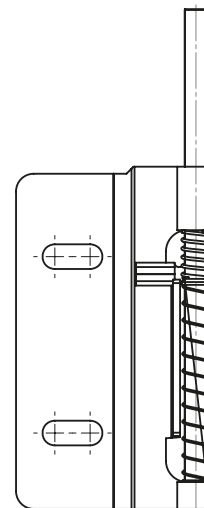
CATALOGUE NO.	VERSION	COMPONENTS	MATERIAL
3.ST79.001SN	Right	Holder, Pin	Stainless steel
3.ST79.002SN	Left	Holder, Pin	



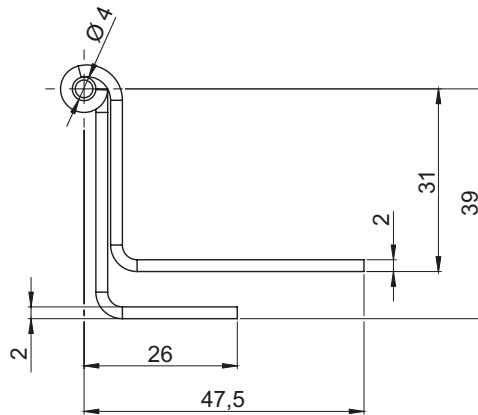
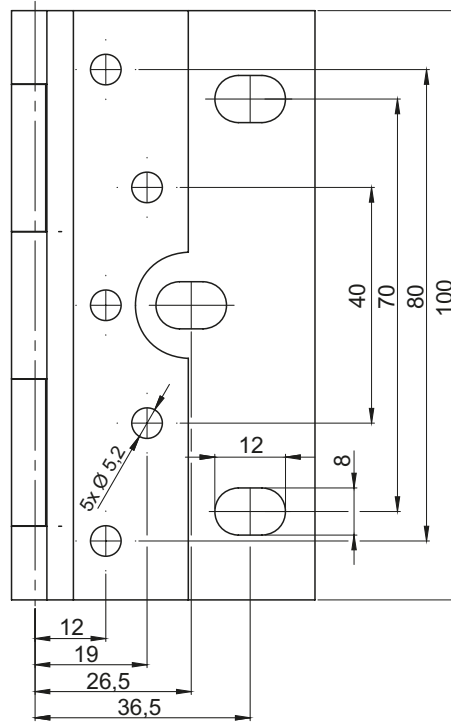
Left hinge
3.ST104.006.02



Right hinge
3.ST104.006.01



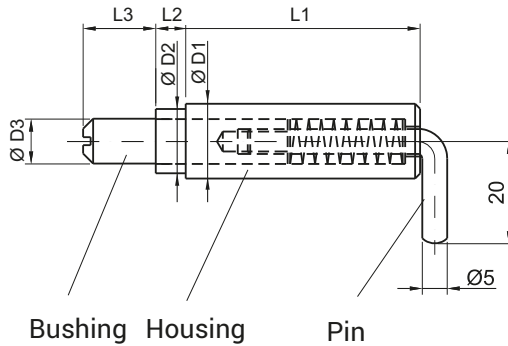
CATALOGUE NO.	VERSION	COMPONENTS	MATERIAL
3.ST104.006.001SN	Right	Holder, Pin	Stainless steel
3.ST104.006.002SN	Left		



CATALOGUE NO.	COMPONENTS	MATERIAL
3.ST89.001SN	Holder, Base, Pin	Stainless steel

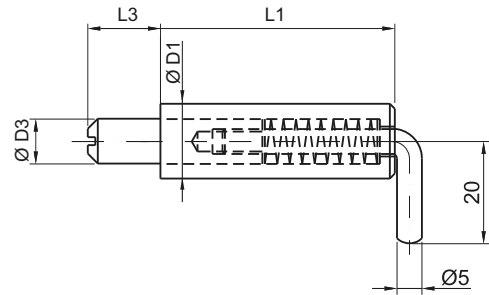


3.ST25.001

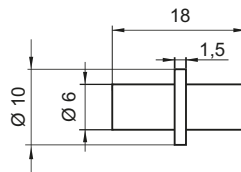


Bushing Housing Pin

3.ST25.002



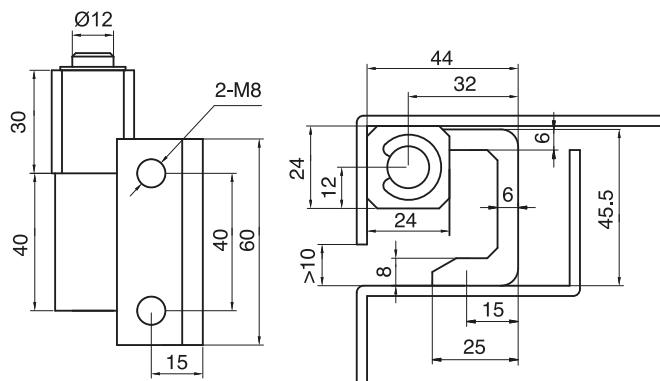
3.ST25.002.01



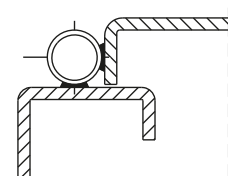
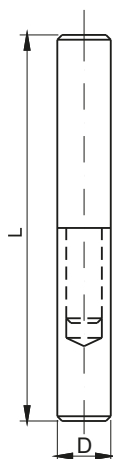
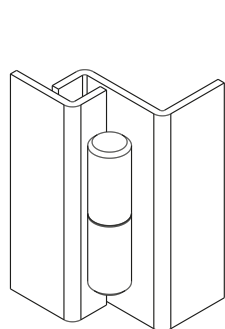
CATALOGUE NUMBER	Ø D1	Ø D2	Ø D3	L1 mm	L2 mm	L3 mm	COMPONENTS	MATERIAL
3.ST25.001	15	13	9	47	6	15	Housing, Bushing	Steel zinc plated
Pin								
3.ST25.001SN							Housing, Bushing	Stainless steel
							Pin	
3.ST25.002	10	-	6	41,5	-	13	Housing, Bushing	Steel zinc plated
							Pin	
3.ST25.002.01	-						Limiter	Steel without finish
3.ST25.005	12	9	6	38	3,5	10	Housing	Steel copper plated
							Bushing	Steel zinc plated



LH/RH

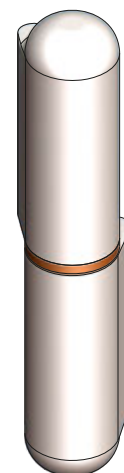
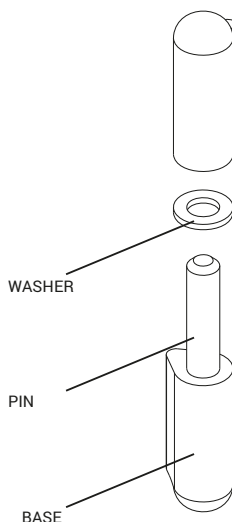
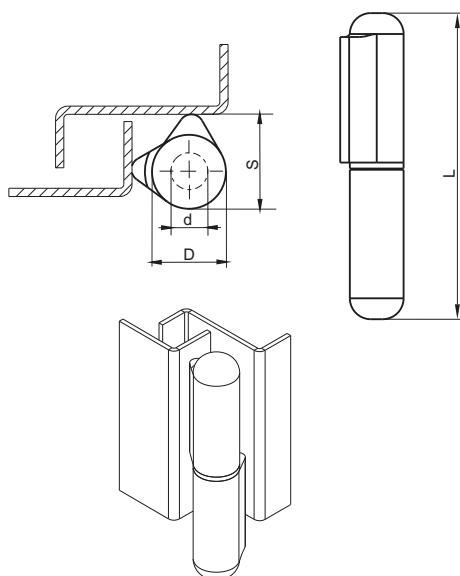


CATALOGUE NUMBER	COMPONENTS	MATERIAL
3.550.001	Holder, Pin	Stainless steel

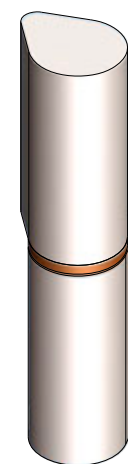


CATALOGUE NUMBER	Dimension		X
	L [mm]	D [mm]	
3.ST7.X 3.ST7.XSN	40	10	001
	50	10	002
	65	10	003
	40	14	005
	100	13	006
	100	16	007

CATALOGUE NUMBER	COMPONENTS	MATERIAL
3.ST7.X	Holder, Pin	Steel
3.ST7.XSN	Holder, Pin	Stainless steel

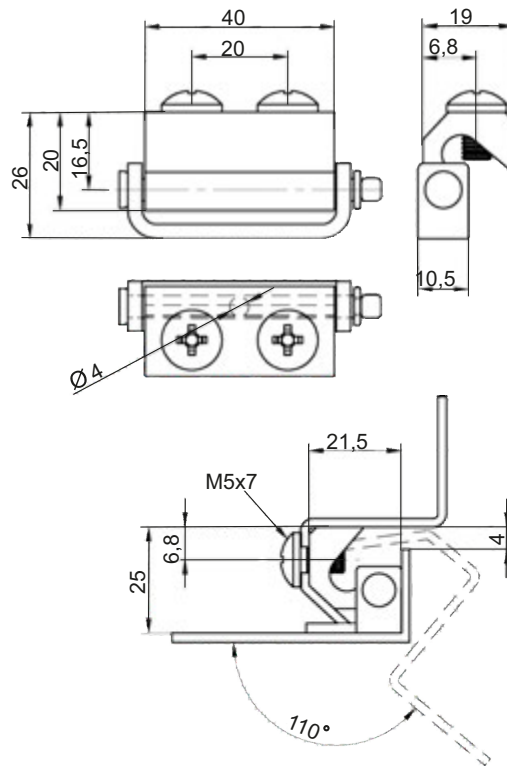


ST 7-1

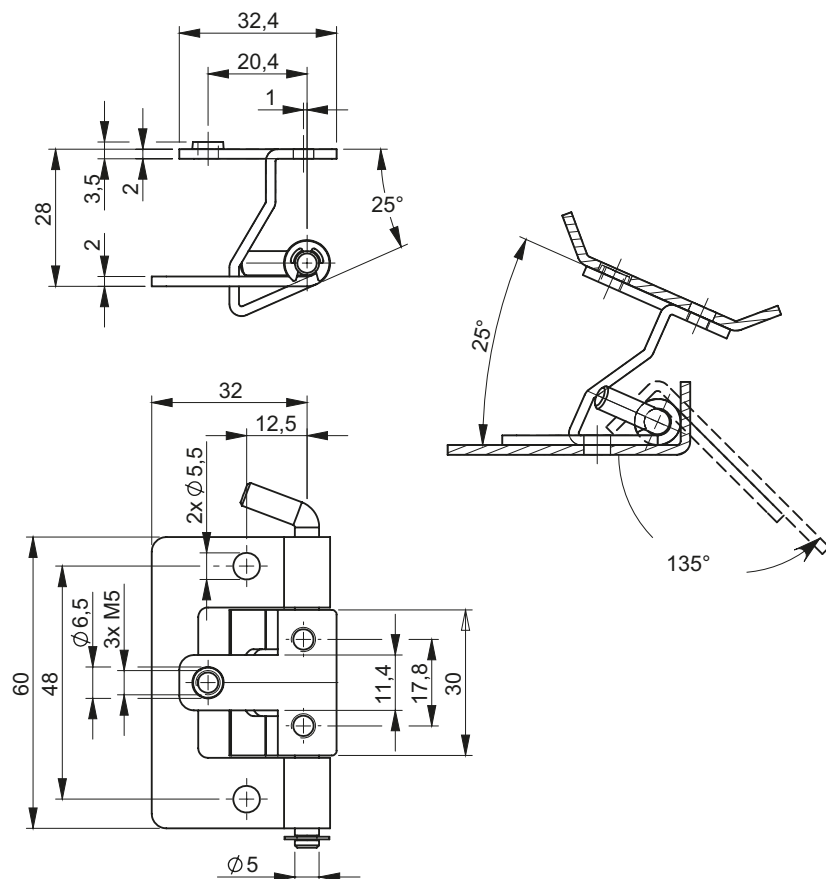


ST 7-2

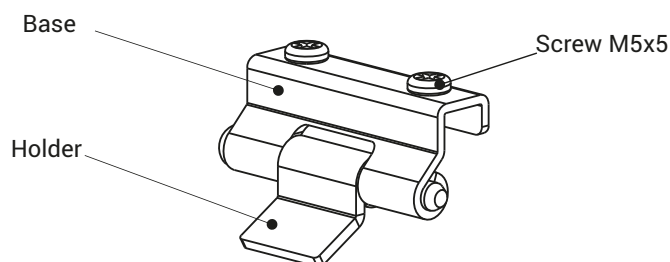
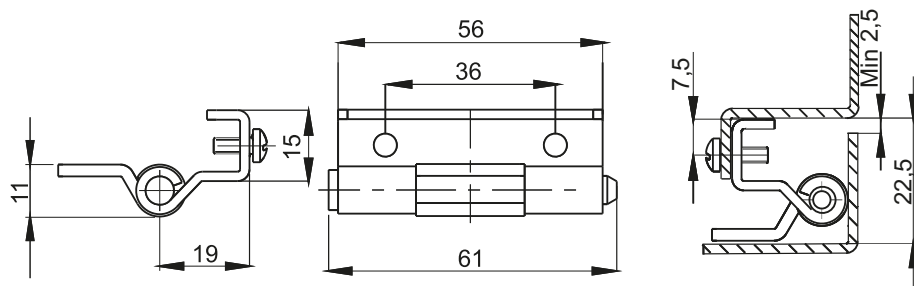
CATALOGUE NUMBER		COMPONENTS	MATERIAL			
3.ST7-1		Base, Pin	Steel			
3.ST7-2		Washer	Brass			
Cat. No. ST7-1	Cat. No. ST7-2	Dimensions	D	S	d	L
ST7-1.001A	ST7-2.001A	8x9,5	8	9,5	5	40
ST7-1.001B	ST7-2.001B	8x9,5	8	9,5	5	50
ST7-1.002A	ST7-2.002A	10x12	10	12	6	60
ST7-1.002B	ST7-2.002B	10x12	10	12	6	70
ST7-1.003	ST7-2.003	13x16	13	16	8	80
ST7-1.004	ST7-2.004	16x20	16	20	10	100
ST7-1.005	ST7-2.005	18x22	18	22	12	135
ST7-1.006	ST7-2.006	20x25	20	25	14	150
ST7-1.007	ST7-2.007	23x28	23	28,5	16	200



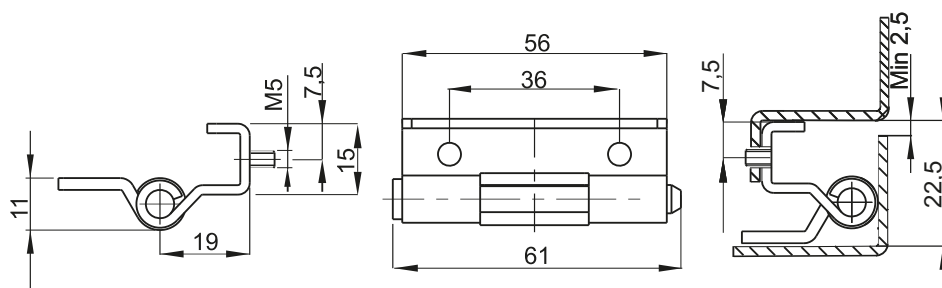
CATALOGUE NUMBER	COMPONENTS	MATERIAL
3.538.001	Holder	Steel copper plated
	Base	Aluminum zinc plated



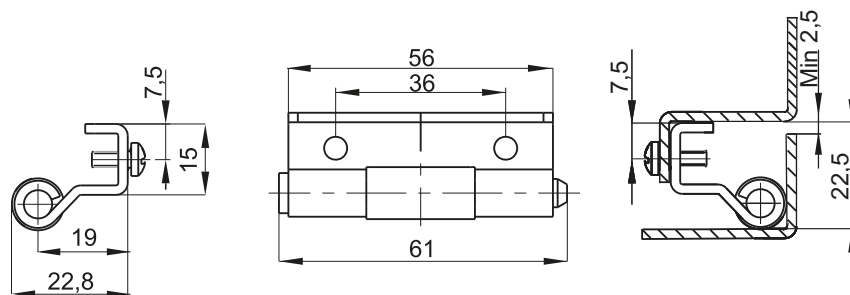
CATALOGUE NUMBER	COMPONENTS	MATERIAL
3.539.001	Holder, Base	Steel zinc plated



CATALOGUE NUMBER	COMPONENTS	MATERIAL
3.ST551.001	Base	Steel zinc plated
	Holder	Steel copper plated

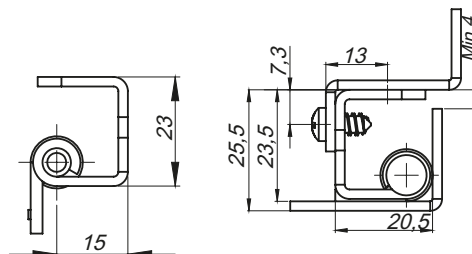


CATALOGUE NUMBER	COMPONENTS	MATERIAL
3.ST552.001	Base	Steel zinc plated
	Holder	Steel copper plated

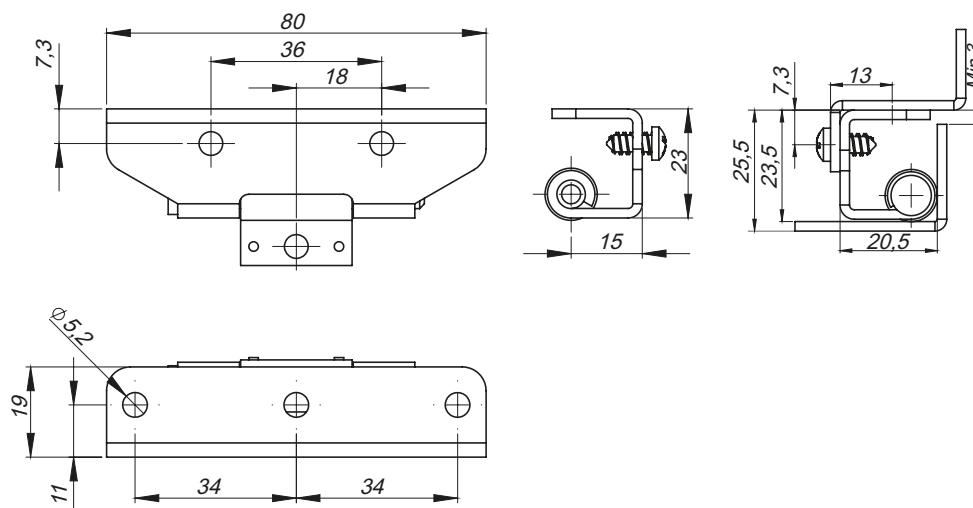


CATALOGUE NUMBER	COMPONENTS	MATERIAL
3.ST553.001	Base	Steel zinc plated
	Holder	Steel copper plated

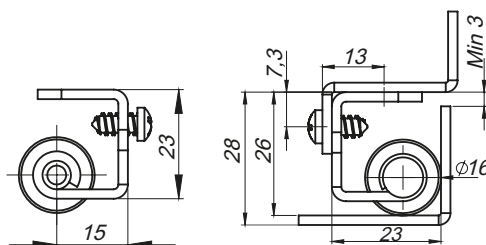
3.ST558 ver. 001



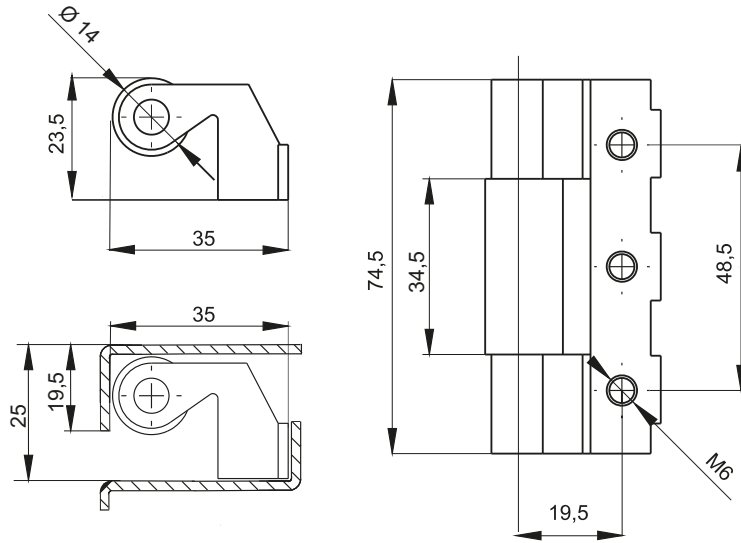
3.ST558 ver. 002



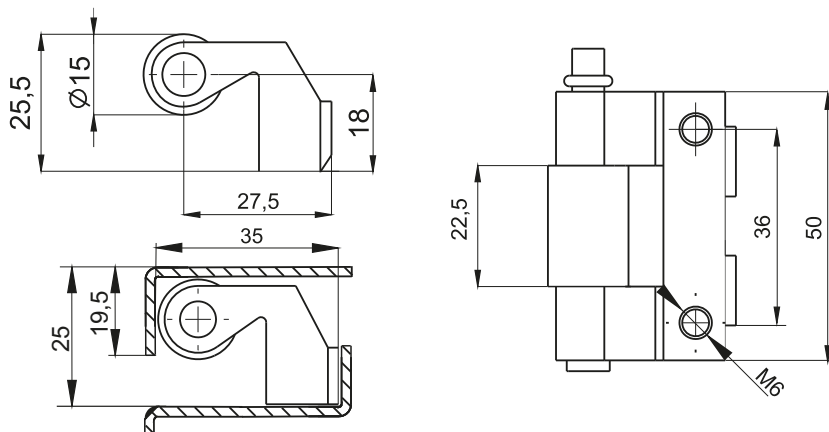
3.ST558 ver. 003



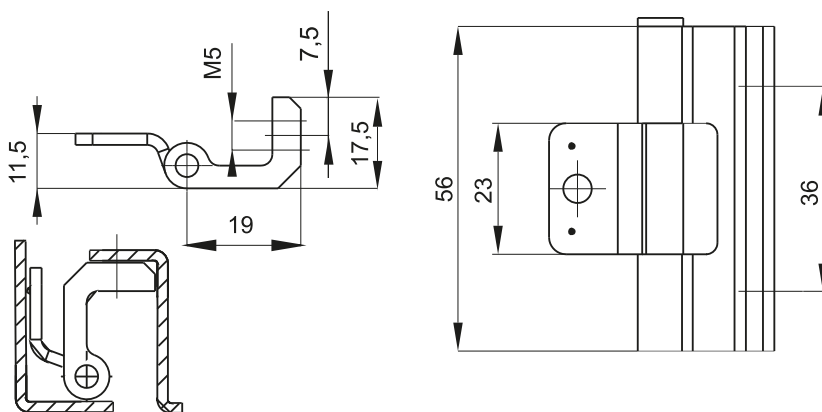
CATALOGUE NUMBER	COMPONENTS	MATERIAL
3.ST558.001	Base, pin	Steel zinc plated
	Holder	Steel copper plated
3.ST558.002	Base, pin	Steel zinc plated
	Collet	Steel copper plated
3.ST558.003	Base, pin	Steel zinc plated
	Collet	Steel copper plated



CATALOGUE NUMBER	COMPONENTS	MATERIAL
3.501.001	Base	ZAMAK 5 zinc plated
	Holder	Steel copper plated
	Pin	Steel zinc plated



CATALOGUE NUMBER	COMPONENTS	MATERIAL
3.502.001	Base	ZAMAK 5 zinc plated
	Holder	Steel copper plated
	Pin	Steel zinc plated

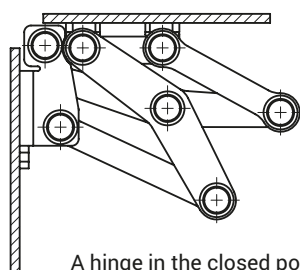
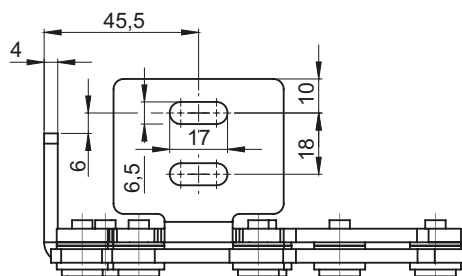
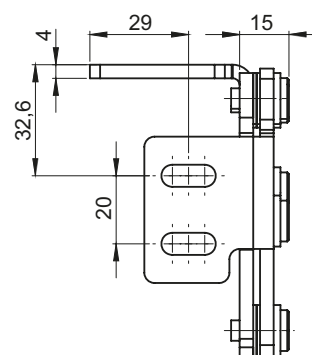
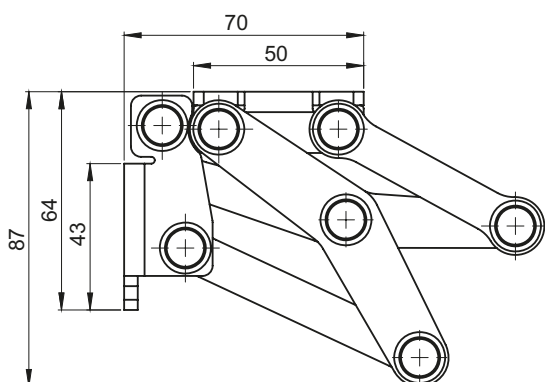
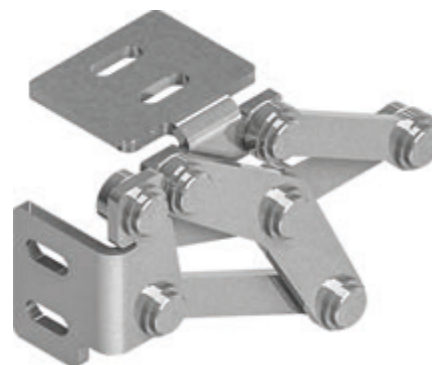


CATALOGUE NUMBER	COMPONENTS	MATERIAL
3.503.001	Base	ZAMAK 5 zinc plated
	Holder	Steel copper plated
	Pin	Steel zinc plated

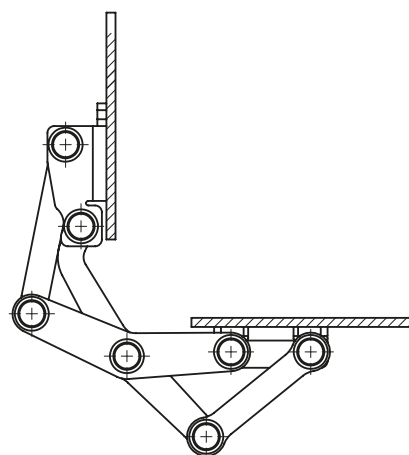
Left hinge
3.ST300.002SN



Right hinge
3.ST300.001SN



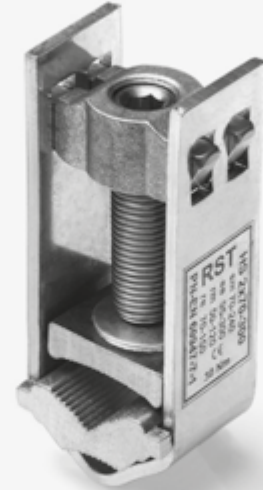
A hinge in the closed position



A hinge in the open position

CATALOGUE NO.	VERSION	MATERIAL
3.ST300.001SN	Right	Stainless steel
3.ST300.002SN	Left	

Clamps



1

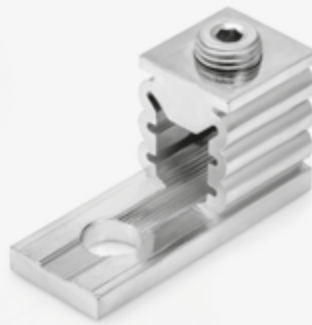
Locking systems

2

Locks
Latches

3

Hinges

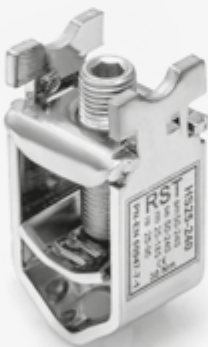


4

Clamps

5

Accessories

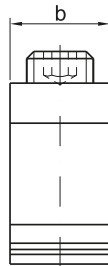
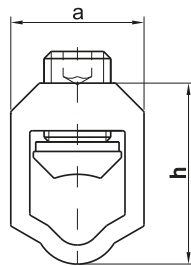
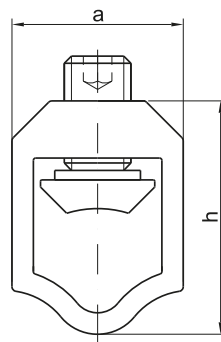
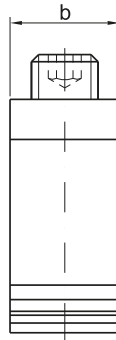
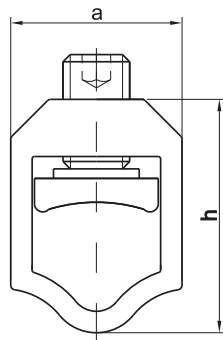
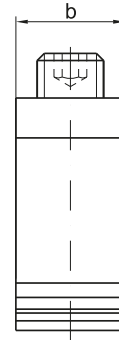
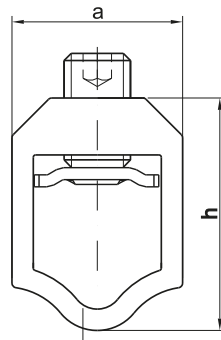


6

Gasketing profiles

7

Custom products

**25-120SW****35-240SW
50-240SW****35-240SW-C
50-240SW-C****70-300SW
95-300SW****25-120SW-B
50-300SW-B
95-300SW-B**

sm - multiwire sector shaped conductor (flexible)



rm - round multiwire conductor (flexible)



se - sector shaped conductor (rigid)



re - round conductor (rigid)

DETAIL	CROSS-SECTION [mm ²]				NOMINAL CROSS-SECTION [mm ²]	TIGHTENING TORQUE [Nm]	DIMENSIONS		
	sm	se	rm	re			a	b	h
25-120SW	25-120	25-120	16-95	16-95	95	20	28	18,5	38
35-240SW	35-185	35-240	25-150	25-95	120	30	35	23	49
50-240SW	50-185	50-240	35-95	35-120	120	30	35	23	49
70-300SW	70-240	95-300	50-120	70-150	150	30	35	23	49
95-300SW	70-240	95-300	50-185	70-240	150	30	37,5	23	54
25-120SW-B	25-120	25-120	16-95	16-120	95	20	28	18,5	38
50-300SW-B*	50-240	50-300	35-240	35-240	150	35	35	23	49
95-300SW-B	50-300	50-300	50-300	50-150	150	30	37,5	23	54
35-240SW-C	35-240	35-240	35-95	35-120	150	40	35	23,2	49
50-240SW-C	50-240	50-240	35-95	35-120	150	40	35	23,2	49

	25-120SW	35-240SW	50-240SW	70-240SW	95-300SW	25-120SW-B	50-300SW-B	95-300SW-B	35-240SW-C	50-240SW-C
clamp	brass- zinc plated					spring steel zinc-plated			nickel-plated zinc-alloy	
housing	aluminium (AlMgSi)									
screw	steel zinc-plated									

SW - hexagon head socked

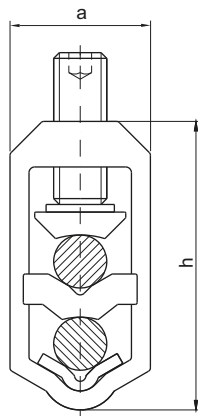
Screw clamps have safety sign 'B' Wg PN-EN 60947-7-1, (IEC 60947-7-1), EN 61238, EN 60999

* EN 60947-7-1, EN 60947-7-2

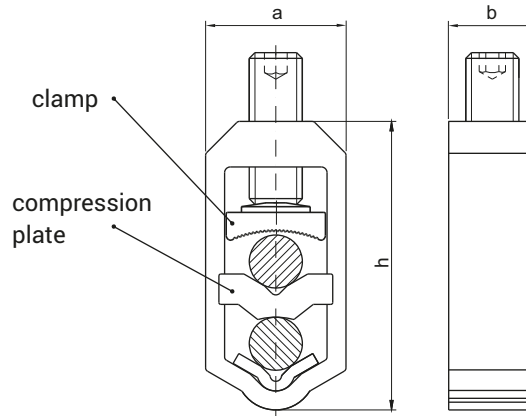
Screw clamps v-klema type

Double aluminium

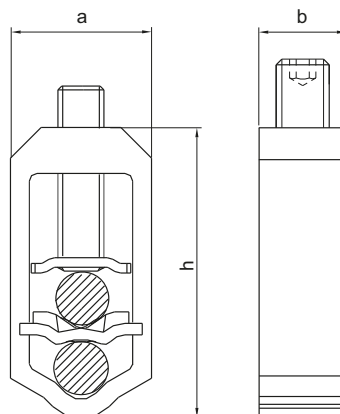
2/25-120SW
2/50-240SW



2/70-300SW



2/25-120SW-B
2/35-300SW-B



- sm** - multiwire sector shaped conductor (flexible) **rm** - round multiwire conductor (flexible)
- se** - sector shaped conductor (rigid) **re** - round conductor (rigid)

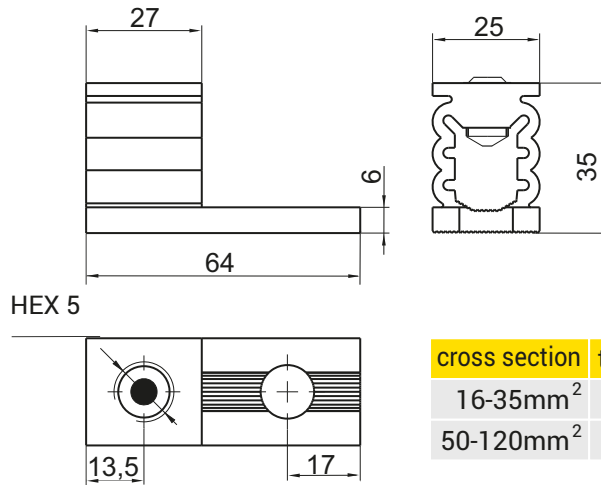
DETAIL	CROSS-SECTION [mm ²]				NOMINAL CROSS-SECTION [mm ²]	TIGHTENING TORQUE [Nm]	DIMENSIONS		
	sm	se	rm	re			a	b	h
2/25-120SW	25-120	25-120	16-95	16-95	95	20	28	18	58
2/50-240SW	35-185	35-240	35-120	35-150	150	30	37	23	76
2/70-300SW	70-240	95-300	50-120	70-150	150	30	37	23	76
2/25-120SW-B	25-120	25-120	16-120	16-120	95	20	28	18	58
2/35-300SW-B	50-240	50-240	35-300	50-150	150	30	37	23	76

	2/25-120SW	2/50-240SW	2/70-300SW	2/25-120SW-B	2/35-300SW-B
clamp	brass- zinc plated			spring steel zinc-plated	
compression plate	brass- zinc plated			spring steel zinc-plated	
housing	aluminium (AlMgSi)				
screw	steel zinc-plated				

* SW - hexagon head socked

* Screw clamps have safety sign 'B' Wg PN-EN 60947-7-1, (IEC 60947-7-1), EN 61238, EN 60999

16-120 SW



cross section	tightening torque
16-35mm ²	12 Nm
50-120mm ²	25 Nm

For the multiwire sector shaped conductor **rm** the need to use the tip of the sleeve DIN 46228/4

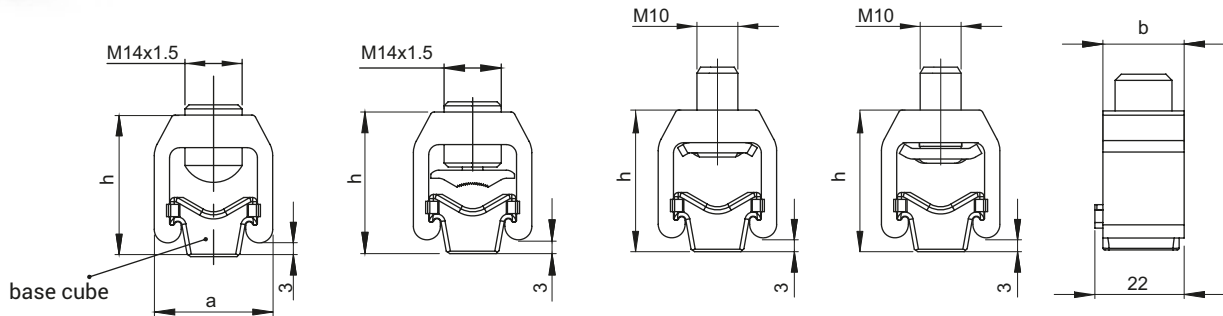






10-150.SW.A

10-150.SW.B

10-150.SW.C1

10-150.SW.C2



-  **sm** - multiwire sector shaped conductor (flexible)
  **rm** - round multiwire conductor (flexible)
 **se** - sector shaped conductor (rigid)
  **re** - round conductor (rigid)

DETAIL	CROSS-SECTION [mm ²]				NOMINAL CROSS-SECTION [mm ²]	TIGHTENING TORQUE [Nm]	DIMENSIONS		
	sm	se	rm	re			a	b	h
16-120SW	-	-	16-120	16-120	120	12-25	25	27	35
10-150.SW.A	35-120	35-150	10-95	10-120	120	15	29	20	34
10-150.SW.B	35-70	35-95	10-50	10-70	95	15	29	20	34
10-150.SW.C	35-70	35-95	10-50	10-70	95	15	29	20	34

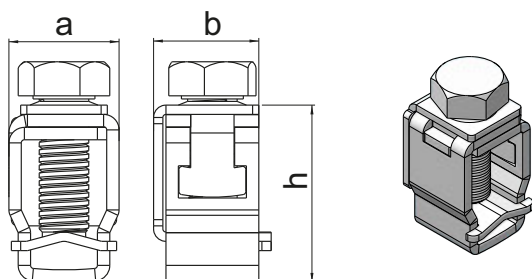
	16-120SW	10-150.SW.A	10-150.SW.B	10-150.SW.C1/C2
clamp	-	-	brass tin-plated	spring steel zinc-plated
base cube	-	brass tin-plated		
housing	aluminium (AlMgSi)			
screw	brass tin-plated			steel zinc-plated

* SW - hexagon head socked.

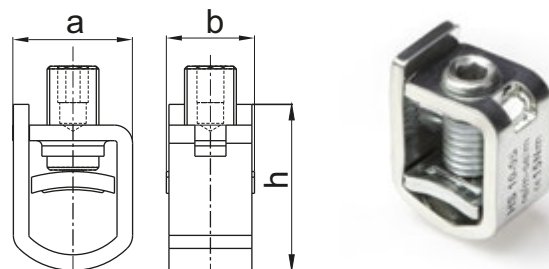
* Screw clamps have safety sign 'B' WG PN-EN 60947-7-1, (IEC 60947-7-1)

Screw clamps v-klema type HM, HS steel single

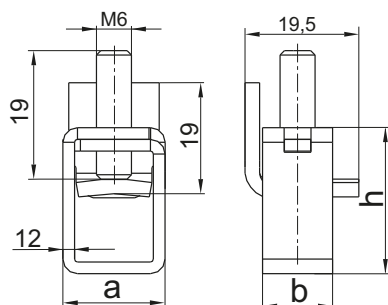
HM 6-50



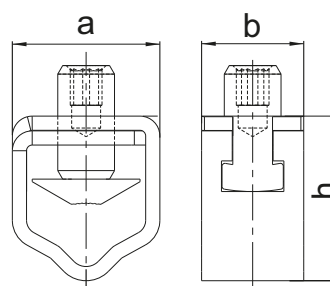
HS 10-95



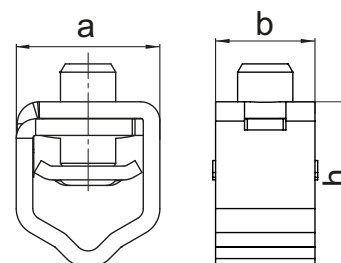
HS 6-50



HM 10-95/A HM 25-150/A HM 10-95/C HM 25-150/C



HM 10-95/B

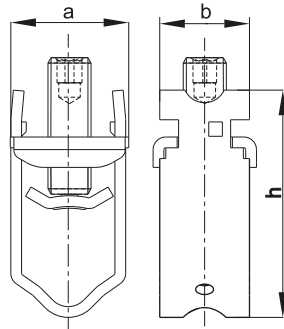
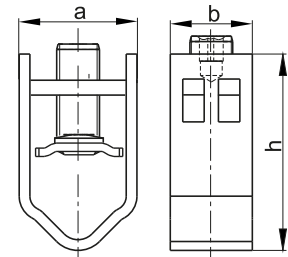
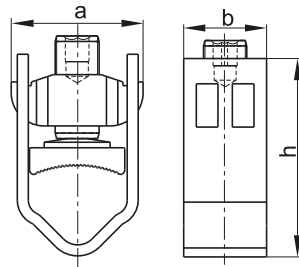
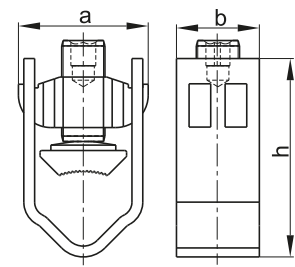
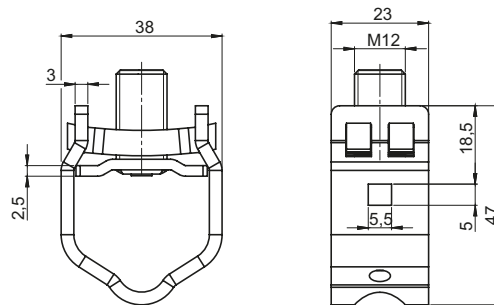






- sm** - multiwire sector shaped conductor (flexible) **rm** - round multiwire conductor (flexible)
- se** - sector shaped conductor (rigid) **re** - round conductor (rigid)

DETAIL	CROSS-SECTION [mm ²]				NOMINAL CROSS-SECTION [mm ²]	TIGHTENING TORQUE [Nm]	DIMENSIONS		
	sm	se	rm	re			a	b	h
HM 6-50	25-50	25-50	6-50	6-50	50	8	18	16	30
HM 10-95/A	25-95	20-120	10-70	10-70	95	15	26	18	30
HM 10-95/B	25-95	20-120	10-70	10-70	95	15	26	18	30
HM 10-95/C	25-95	20-120	10-70	10-70	95	15	26	18	30
HM 25-150/A	25-120	35-150	25-120	35-120	95	25	26	18	31,5
HM 25-150/B	25-120	35-150	25-120	35-120	95	25	26	18	31,5
HS 6-50	-	-	6-50	6-50	50	6	17,5	12	25
HS 10-95	25-95	25-95	10-95	10-70	95	15	23	16	32

	HM 6-50	HS 6-50	HS 10-95	HM 10-95/A	HM 10-95/B	HM 10-95/C	HM 25-150/A	HM 25-150/B
housing	spring steel zinc-plated			stainless steel	spring steel zinc-plated	spring steel zinc-plated	stainless steel	steel zinc-plated
clamp	spring steel zinc-plated			brass	spring steel zinc-plated	brass	brass	brass
screw	steel zinc-plated			stainless steel	steel zinc-plated	steel zinc-plated	stainless steel	steel zinc-plated

* Screw clamps have safety sign 'B' WG PN-EN 60947-7-1, (IEC 60947-7-1)

HS25-240**HS 35-300-B**
HS 50-300-B**HS 70-300****HS 50-240****HS 120-300**

-  **sm** - multiwire sector shaped conductor (flexible)
  **rm** - round multiwire conductor (flexible)
-  **se** - sector shaped conductor (rigid)
  **re** - round conductor (rigid)

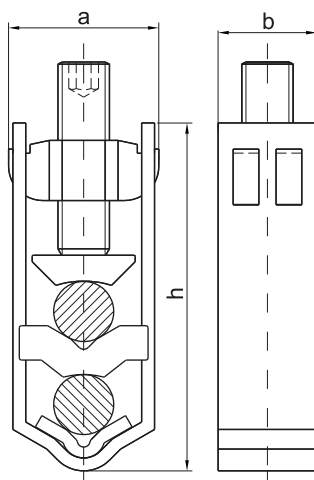
DETAIL	CROSS-SECTION [mm ²]				NOMINAL CROSS-SECTION [mm ²]	TIGHTENING TORQUE [Nm]	DIMENSIONS		
	sm	se	rm	re			a	b	h
HS 25-240	50-240	50-240	25-185	25-95	240	30	33	25	63
HS 50-240	50-185	50-240	35-120	35-150	150	40	35	22	55
HS 70-300	70-240	95-300	50-150	70-185	185	40	35	22	55
HS 35-300-B	35-240	50-300	35-300	35-185	185	40	35	22	55
HS 50-300-B	50-240	70-300	50-300	50-185	185	40	35	22	55
HS 120-300	120-300	120-300	120-300	120-300	300	40	38	23	47

	HS 25-240	HS 50-240	HS 70-300	HS 35-300-B	HS 50-300-B	HS 120-300
housing	Spring steel zinc-plated					Stainless steel
clamp	Spring steel zinc-plated	Brass			Spring steel zinc-plated	
screw	Steel zinc-plated					
nut	Steel zinc-plated	Brass			Steel zinc-plated	

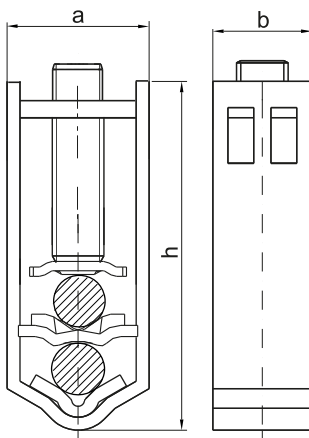
* Screw clamps have safety sign 'B' WG PN-EN 60947-7-1, (IEC 60947-7-1)





Screw clamps v-klema type HS steel double

HS 2/50-240



HS 2/50-240-B



-  **sm** - multiwire sector shaped conductor (flexible)  **rm** - round multiwire conductor (flexible)
-  **se** - sector shaped conductor (rigid)  **re** - round conductor (rigid)

DETAIL	CROSS-SECTION [mm ²]				NOMINAL CROSS-SECTION [mm ²]	TIGHTENING TORQUE [Nm]	DIMENSIONS		
	sm	se	rm	re			a	b	h
HS 2/50-240	50-185	50-240	35-150	35-185	185	40	35	22	81
HS 2/50-240-B	35-240	35-300	35-300	50-185	185	40	35	22	81

	HS 2/50-240	HS 2/50-240-B
clamp	brass	steel zinc-plated
housing	spring steel zinc-plated	
screw	steel zinc-plated	
compression plate	brass	
nut	brass	spring steel zinc-plated

* Screw clamps have safety sign 'B' WG PN-EN 60947-7-1, (IEC 60947-7-1)

Screw clamps v-klema type

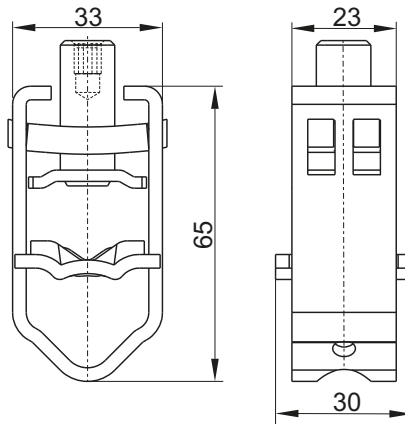
HS steel double 2/70-240, 2/70-300



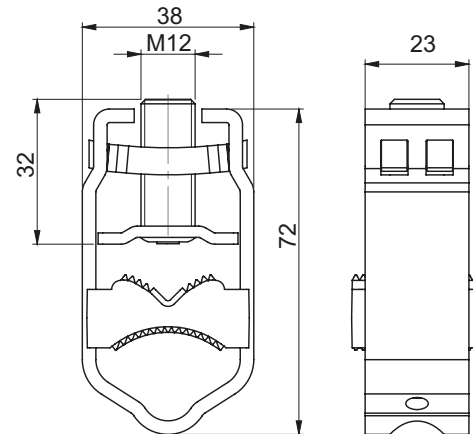
ROZTOCZE



HS 2/70-240-C

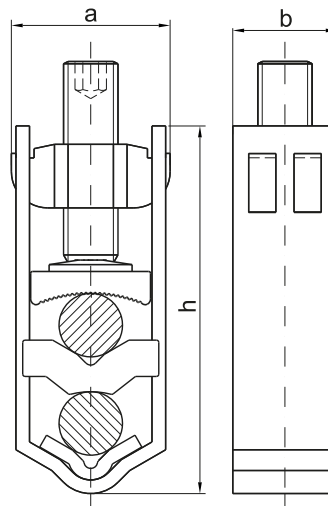


HS 2/70-240-D



HS 2/70-240-C, HS 2/70-240-D - reserved for individual customer

HS 2/70-300



- sm - multiwire sector shaped conductor (flexible)
 rm - round multiwire conductor (flexible)
 se - sector shaped conductor (rigid)
 re - round conductor (rigid)

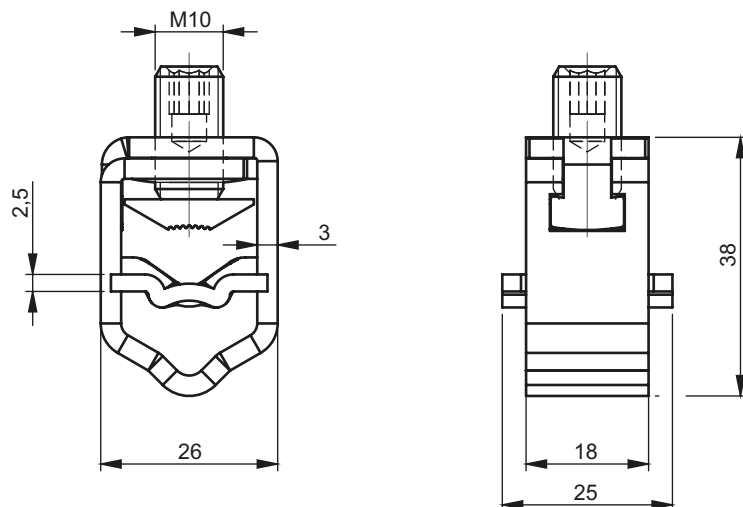
DETAIL	CROSS-SECTION [mm ²]				NOMINAL CROSS-SECTION [mm ²]	TIGHTENING TORQUE [Nm]	DIMENSIONS		
	sm	se	rm	re			a	b	h
HS 2/70-240-C	70-240	70-300	70-240	70-185	240	40	33	23	65
HS 2/70-240-D	70-240	95-240	70-185	95-240	240	40	38	23	72
HS 2/70-300	70-240	95-300	50-120	70-150	185	30	35	22	81

	HS 2/70-300	HS 2/70-240-C	HS 2/70-240-D
clamp	brass	steel zinc-plated	
housing	spring steel zinc-plated		
screw	steel zinc-plated		
compression plate	brass	brass	zinc alloy and aluminum
nut	brass	spring steel zinc-plated	

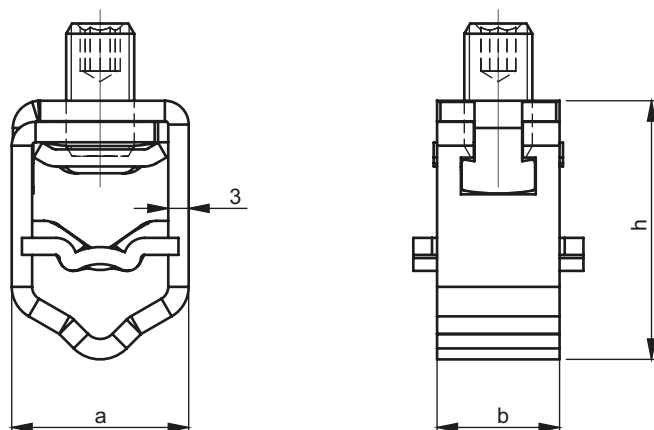
* Screw clamps have safety sign 'B' WG PN-EN 60947-7-1, (IEC 60947-7-1)





Screw clamps v-klema type HM steel double

HM 2/10-70-A



HM 2/10-70-B

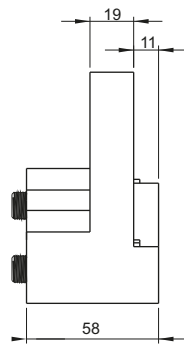
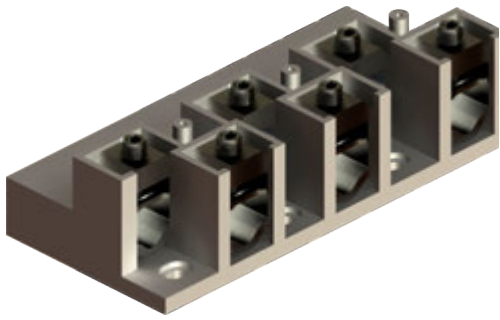


-  **sm** - multiwire sector shaped conductor (flexible)  **rm** - round multiwire conductor (flexible)
-  **se** - sector shaped conductor (rigid)  **re** - round conductor (rigid)

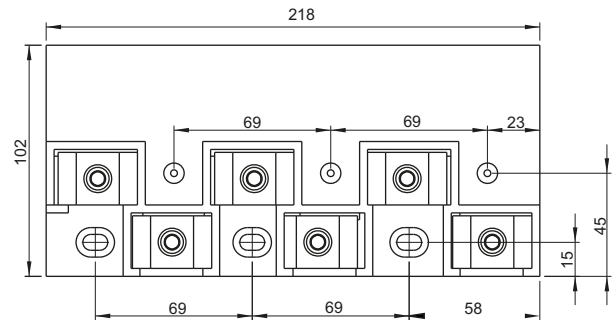
DETAIL	CROSS-SECTION [mm ²]				TIGHTENING TORQUE [Nm]	DIMENSIONS		
	sm	se	rm	re		a	b	h
HM 2/10-70-A	10-50	10-70	10-35	10-50	15	26	18	38
HM 2/10-70-B	10-50	10-70	10-35	10-50	15	26	18	38

	HM 2/10-70-A	HM 2/10-70-B
Clamp	Brass	Steel zinc-plated
Housing	Steel zinc-plated	Steel zinc-plated
Screw	Steel zinc-plated	Steel zinc-plated
Compression plate	Copper tinned	Copper tinned

* Screw clamps have safety sign 'B' WG PN-EN 60947-7-1, (IEC 60947-7-1)



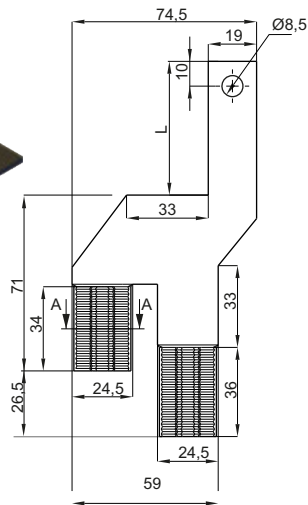
Connecting device RBK LZ6V



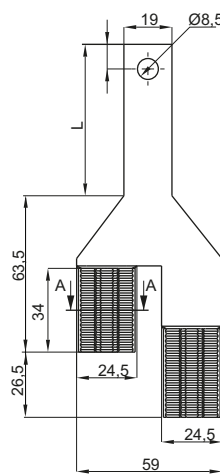
Terminals for connecting device 4.601.001



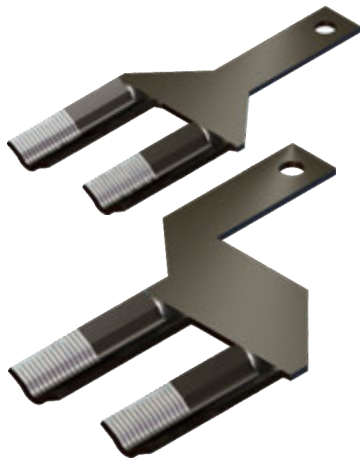
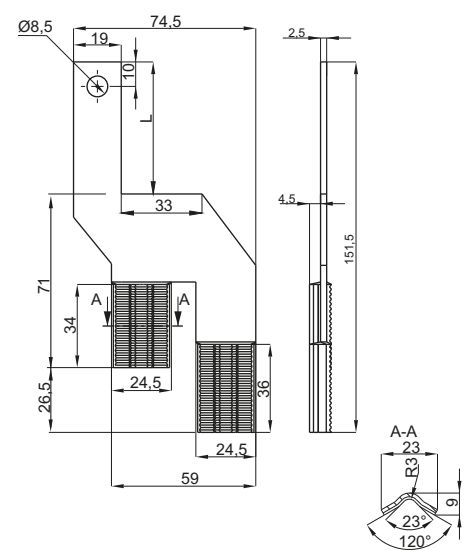
4.601.101, 4.601.201



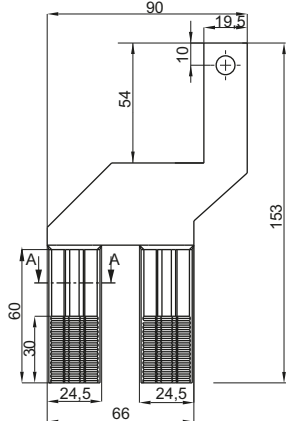
4.601.102



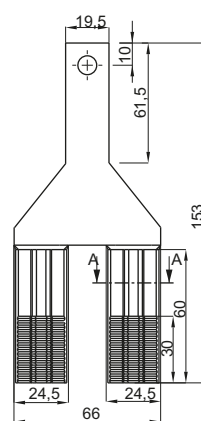
4.601.103, 4.601.203



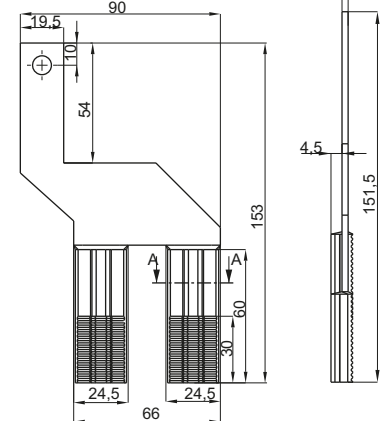
4.601.401



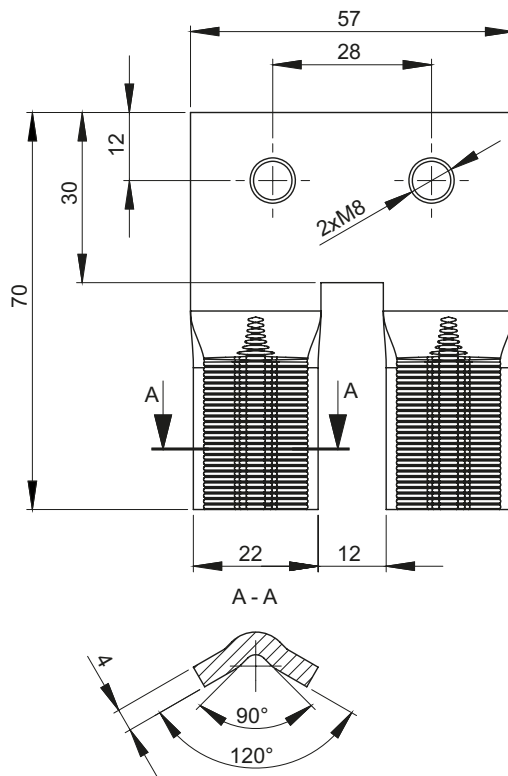
4.601.402



4.601.403

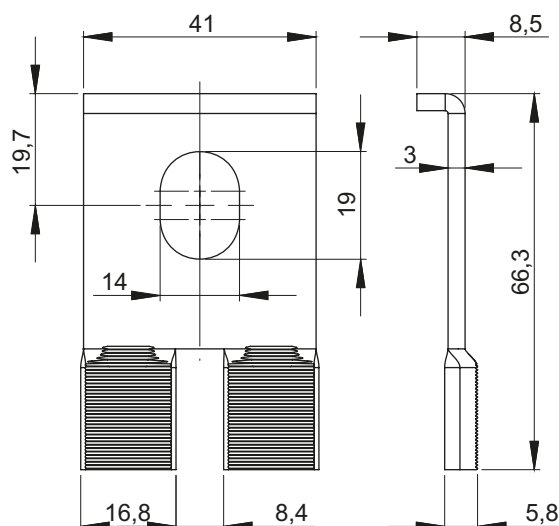


CATALOGUE NUMBER	NAME	MATERIAL	L [mm]
4.601.001	Connecting device LZ6V	Polyamide PA6 - colour white	-
4.601.101	Terminals	M1E - tinning	54
4.601.201			42
4.601.102			63,5
4.601.202			50
4.601.103			54
4.601.203			42
4.601.401			-
4.601.402			-
4.601.403			-



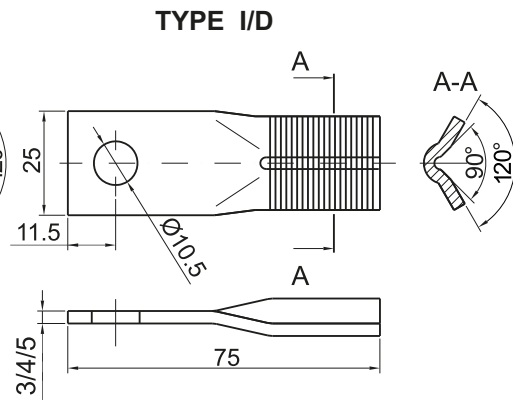
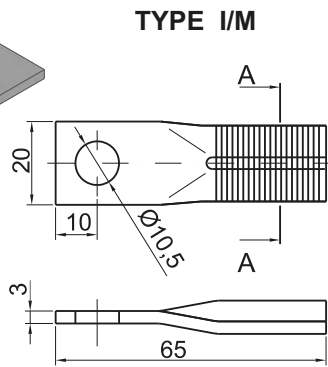
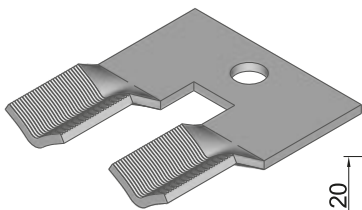
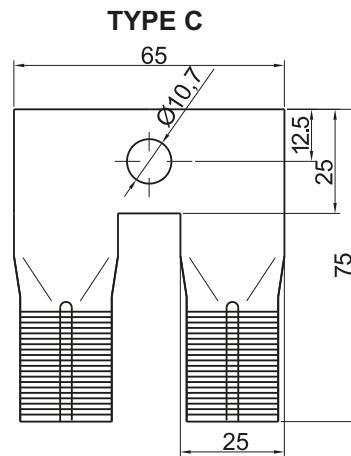
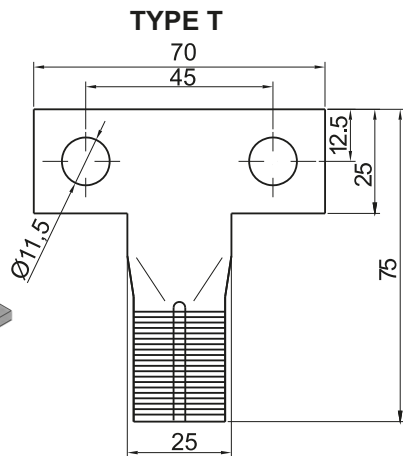
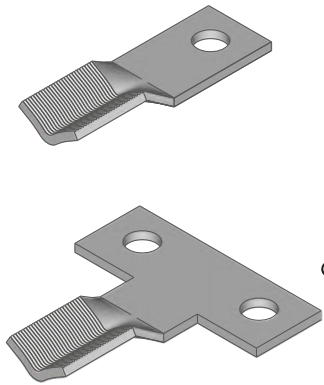
CATALOGUE NO.	DETAIL	MATERIAL
4.603.003	Terminal	M1E - zink plated

Terminal is dedicated to clamps pg.: 4-1 (in main catalogue) except 25-120 SW, 25-120 SW-B; 4-2 except 2,25-120 SW, 2/25-120 SW-B; 4-5; 4-6 (in main catalogue) except HS 2/70-240-C.



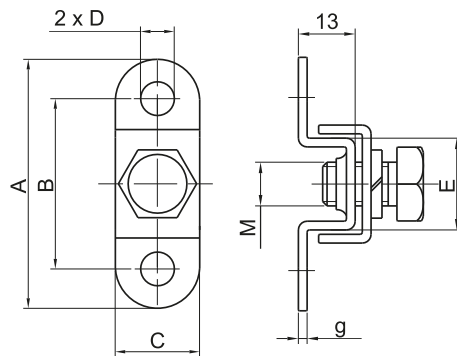
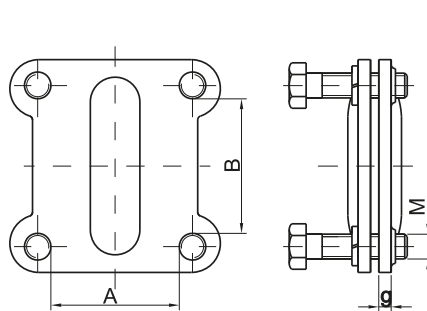
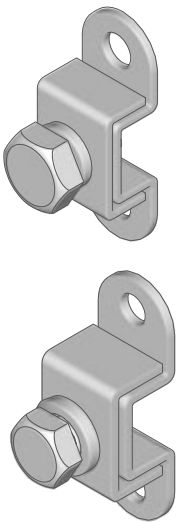
CATALOGUE NO.	DETAIL	MATERIAL
4.603.004	Terminal	Steel zinc plated

Terminal is dedicated to clamps HS 10-95 (pg. 4-4 in main catalogue)



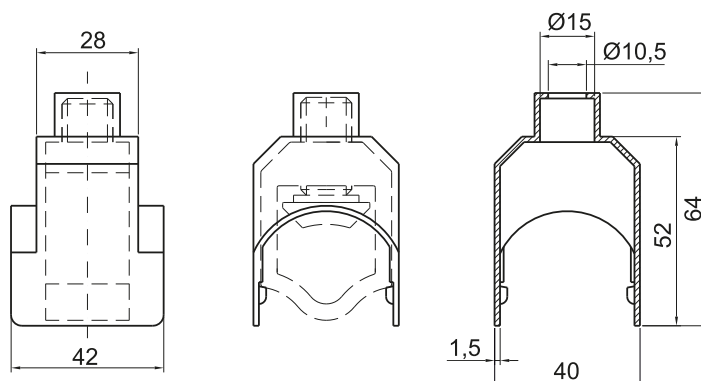
4-SCREW CLAMP

GROUND CLAMP



CAT. NUMBER	NAME	MATERIAL	A	B	C	D	E	g	M
4.406.001	Ground clamp	Steel	53	39	18	ø 6,5	19	2	M8x16
4.406.002	Ground clamp	zinc plated	62	42	21	ø 8,5	22	2,5	M10x16
4.405.001	4-Screw clamp	Steel zinc plated	20	25	-	-	-	3	M6
4.405.002			25	30	-	-	-	3	M6
4.405.003			30	30	-	-	-	3	M6
4.405.004			35	40	-	-	-	5	M8
4.405.005			40	40	-	-	-	5	M8
T, C, I/m, I/D		Terminals type T, C, I/m, I/D Cooper - tin plated							

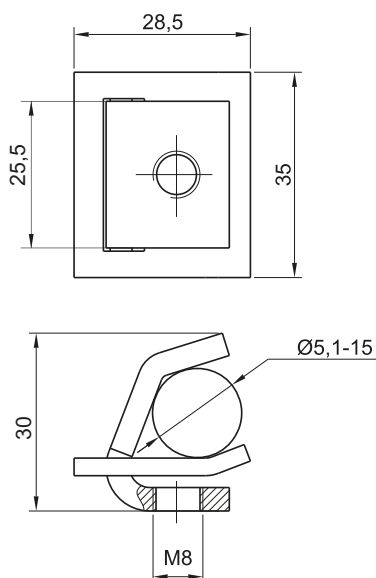
V-KLEMY COVERS



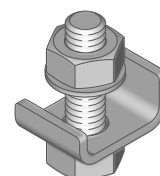
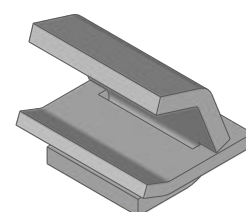
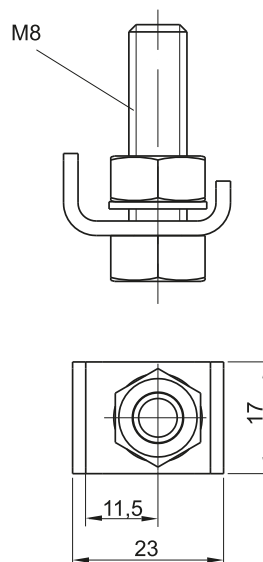
CTALOGUE NUMBER	NAME	MATERIAL	COLORS [X]
4.520.001.0X	V-klema cover	PA6-polyamide	01 black 02 blue 03 red 04 green 05 yellow 06 grey

NOTICE:
V-klema covers can be used with screw clamps type:
50-240SW, 70-300SW, 50-300SW i 35-240SW

LINEAR CLAMP - ZLG 4.402.001

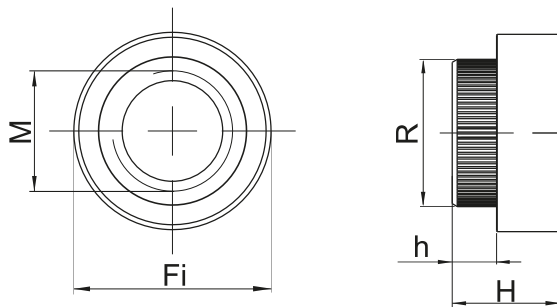


GOUND HOLDER 4.403.001

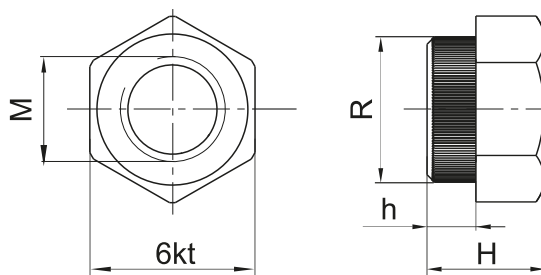












CTALOGUE NUMBER	NAME	MATERIAL
4.402.001	Linear clamp ZLG	Stainless steel
4.403.001	Ground clamp ZU	Stainless steel or steel zinc plated

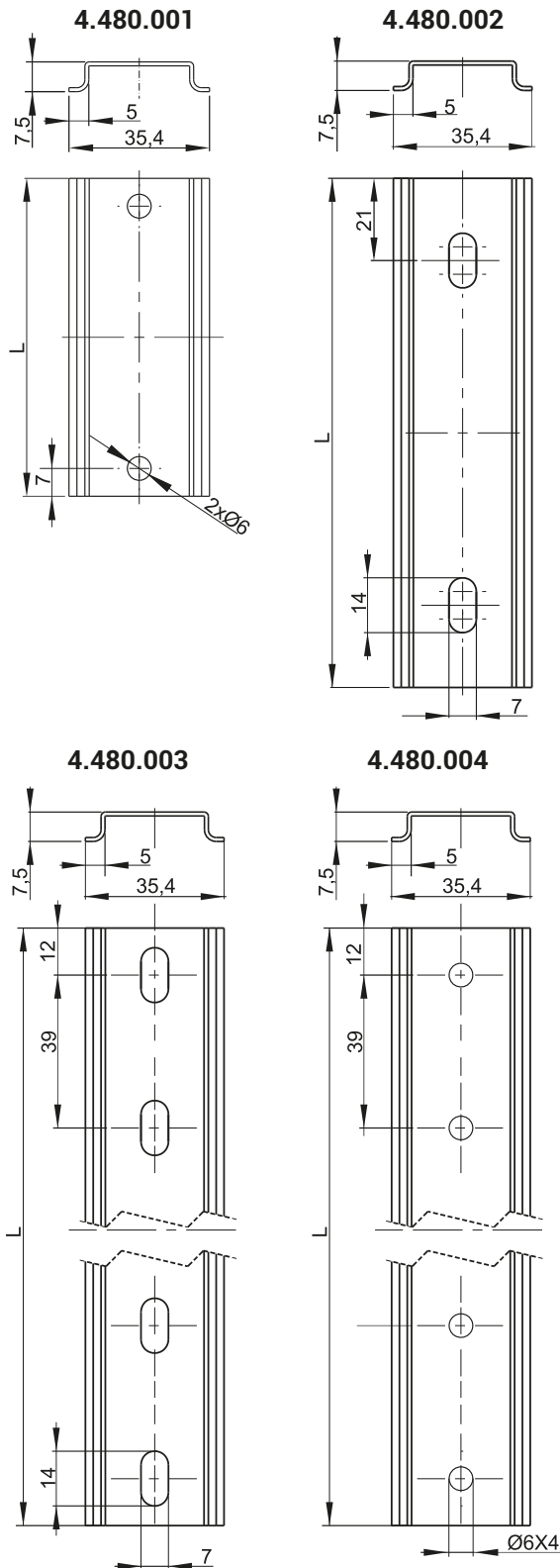
ROUND NUT



HEXAGONAL NUT



SHAPE	DIMENSIONS						MATERIAL	CAT. NUMBER
	M	Fi	6kt	Fi R	H	h		
	12	20		14,9	11	4,5	Steel - zinc plated	NR.01.00
	12	20		14,9	10,5	4	Steel - zinc plated	NR.01.02
	12	19		15	11	4	Steel - zinc plated	NR.01.03
	10	18		13	11	4,5	Steel - zinc plated	NR.03.01
	8	15		10,8	9,5	4,5	Steel - zinc plated	NR.02.01
	6	12		8,5	6,8	2,8	Steel - zinc plated	NR.04.01
	5	10		7,5	6,8	2,8	Steel - zinc plated	NR.05.01
	12		19	14,8	12	4,5	Steel - zinc plated	NR.01.04
	10		17	12,9	11	4,5	Steel - zinc plated	NR.03.02
	8		13	10,7	9,5	4,5	Steel - zinc plated	NR.02.02

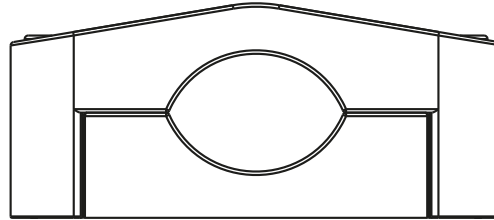


CAT. NUMBER	DIMENSION L	MATERIAL
4.480.001	80	Steel - zinc plated
4.480.002.L	130	Steel - zinc plated
4.480.002.L	140	Steel - zinc plated
4.480.002.L	260	Steel - zinc plated
4.480.003	360	Steel - zinc plated
4.480.004	360	Steel - zinc plated

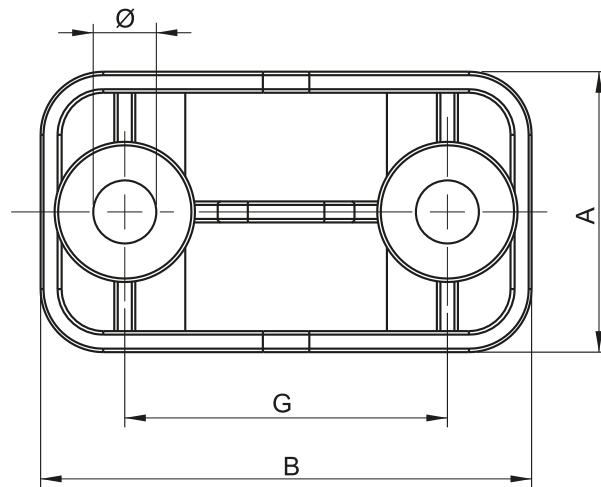
NOTICE: Other dimensions on request



4.460.001

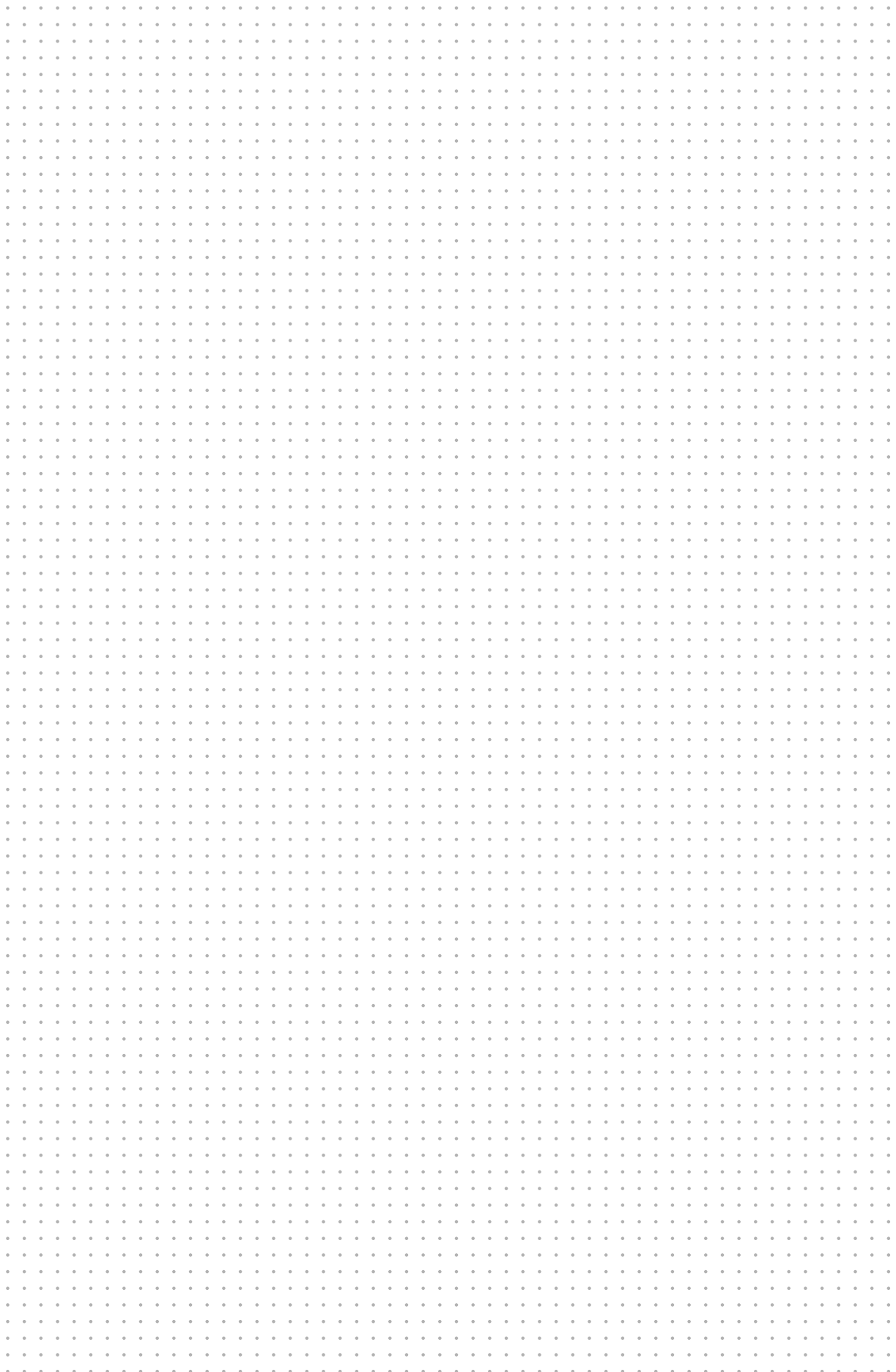


4.461.001



4.462.001

CAT. NUMBER	NAME	MATERIAL	DIAMETER	DIMENSIONS			
				φ	A	B	G
4.460.001	Clasp ø27	Polyamide	17-27	9	40	70	46
4.461.001	Clasp ø40	PA6 GF30	25-46	12	58	97	68
4.462.001	Clasp ø75	colour RAL	47-73	13	60	126,5	95





1

Locking systems

2

Locks
Latches

3

Hinges

4

Clamps

5

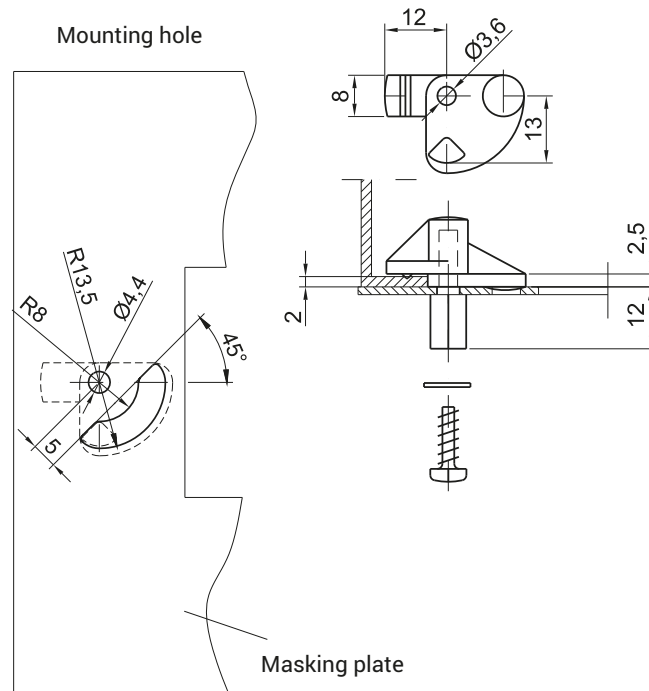
Accessories

6

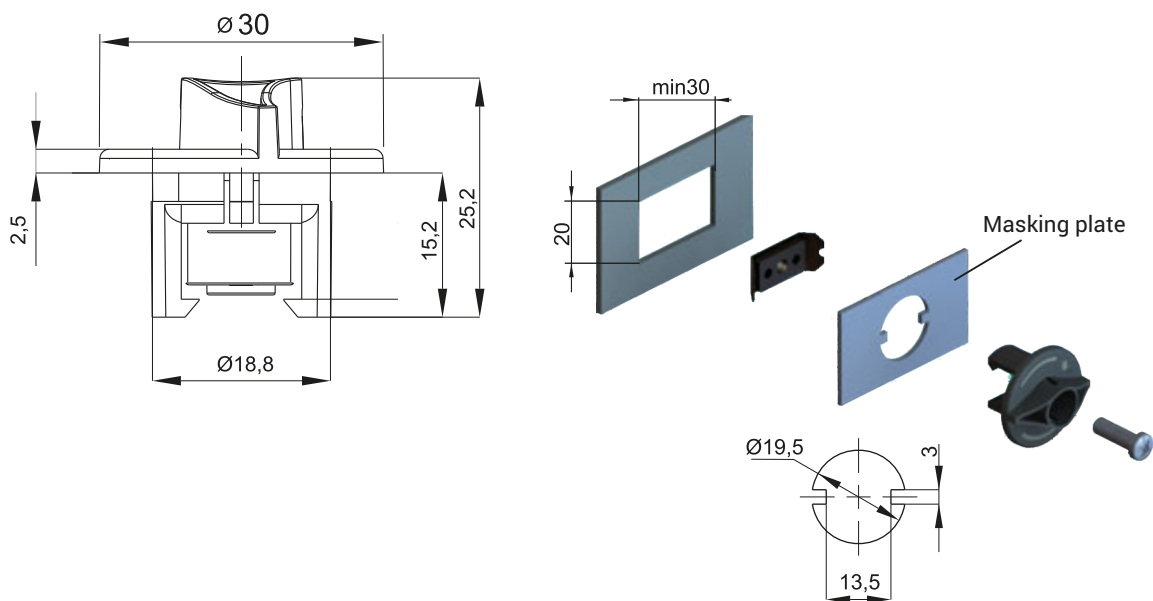
Gasketing profiles

7

Custom products

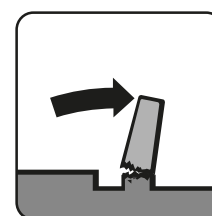
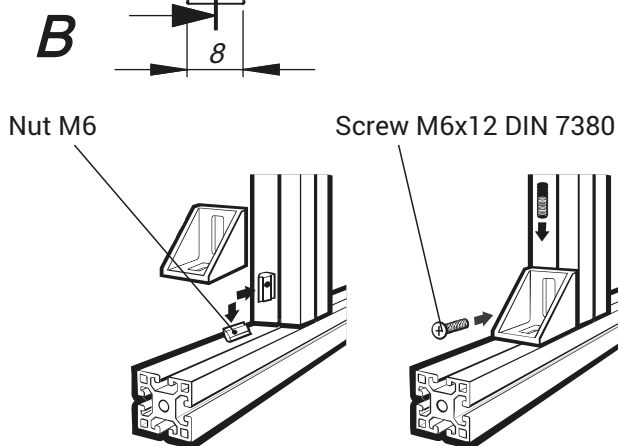
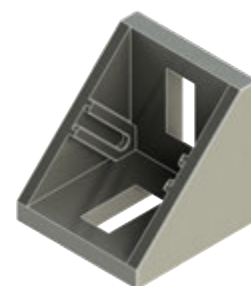
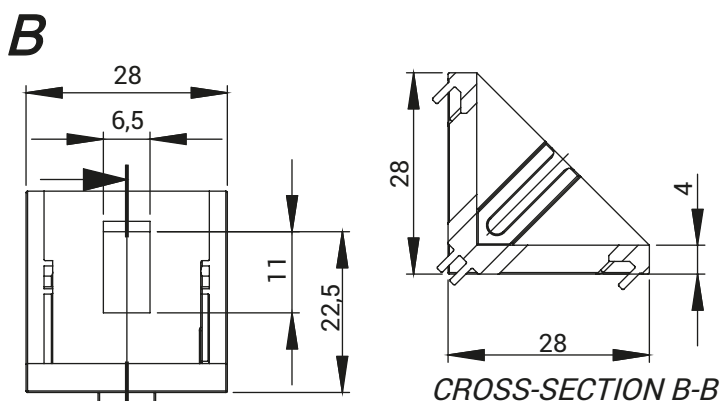


CAT. NUMBER	NAME	MATERIAL
4.415.001	Masking plate holder	Polyamide



CAT. NUMBER	NAME	MATERIAL
4.414.001	Masking plate holder	Polyamide

* possibility order parts according to RAL

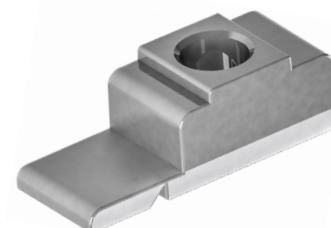
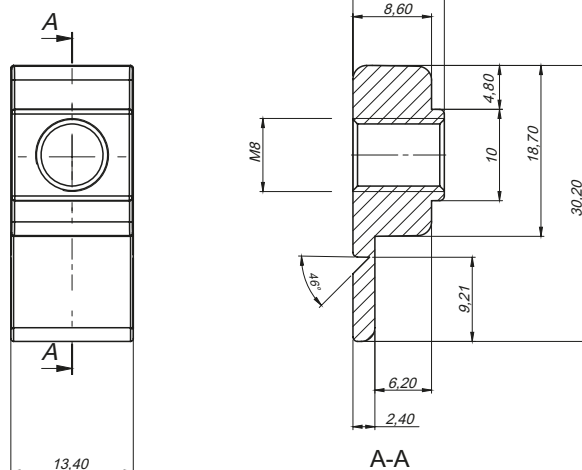


Use and installation

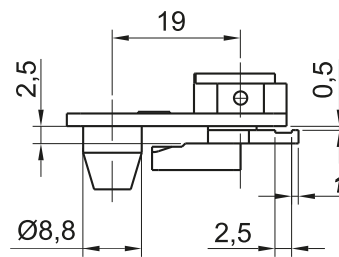
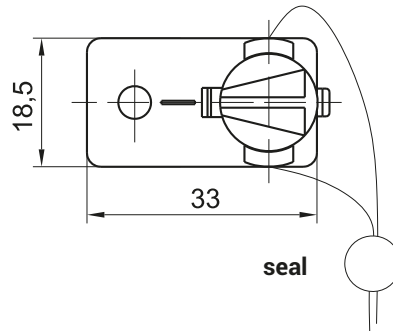
CAT. NUMBER	XY	FINISH	COMPONENTS	MATERIAL
4.500.001.XY	01	No	Connector	Zamak 5
	11	RAL 7035*		
4.500.001.02		-	Nut M6	Zamak 5
4.500.001.03		-	Screw M6x12 DIN 7380	Steel zinc plated

* possibility to make a different color

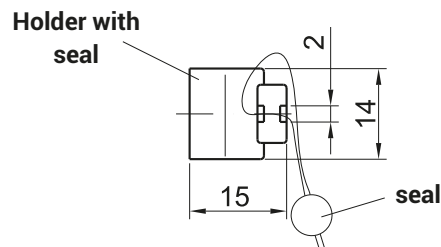
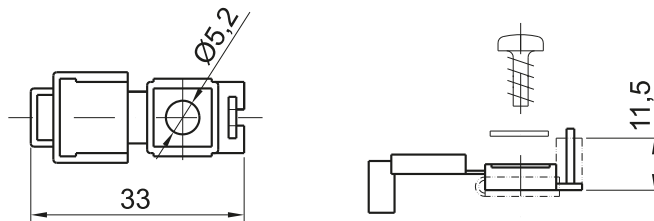
Installation nut



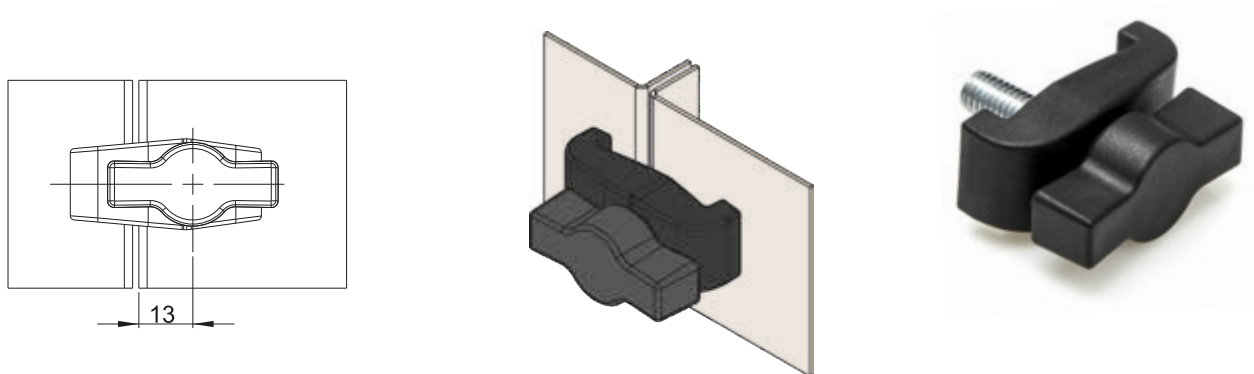
CAT. NUMBER	MATERIAL
4.501.001	ZAMAK



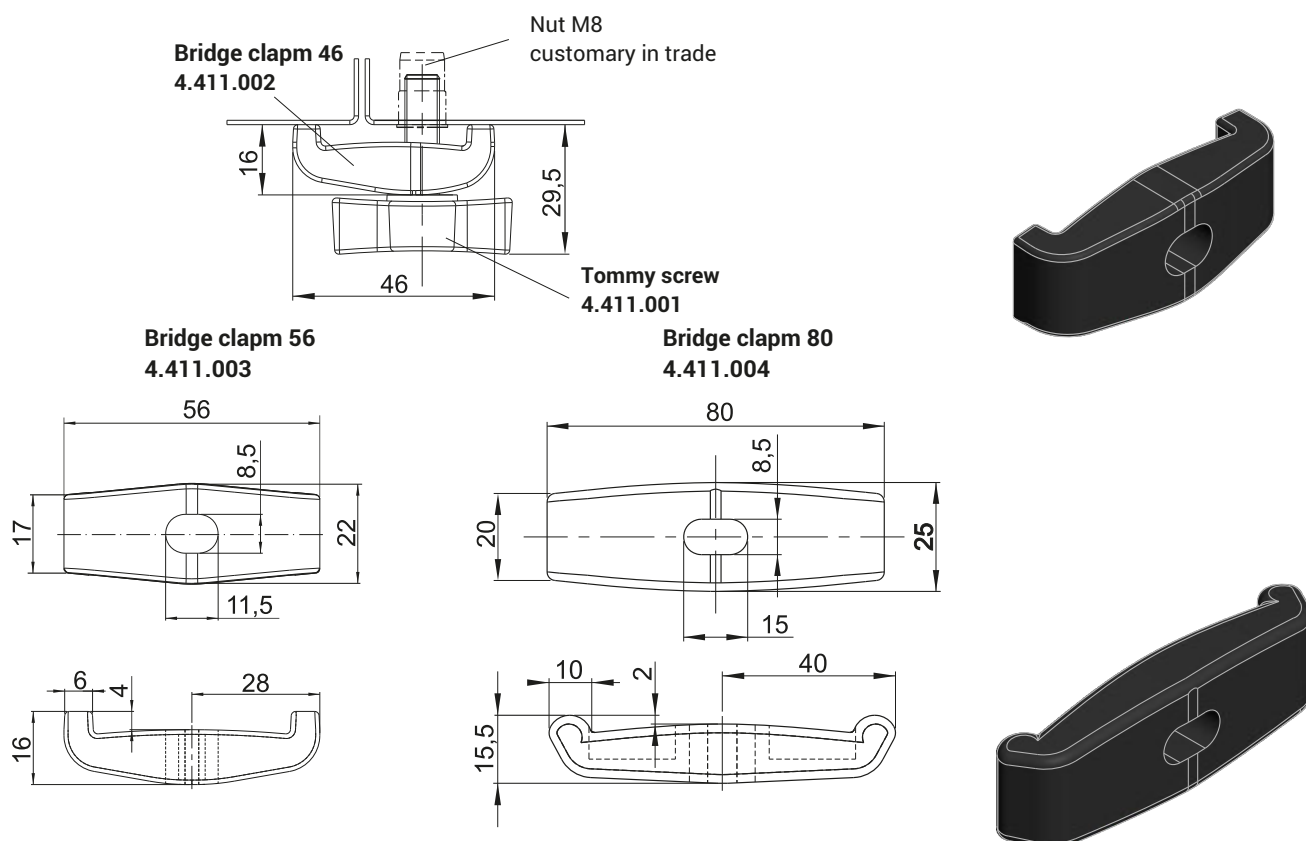
CAT. NUMBER	NAME	MATERIAL
4.417.001	Holder with seal	Polyamide



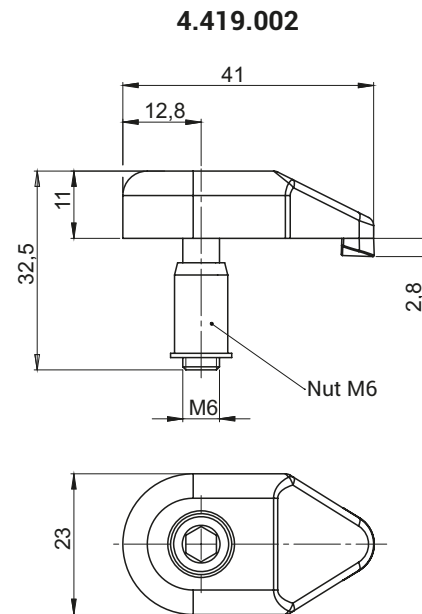
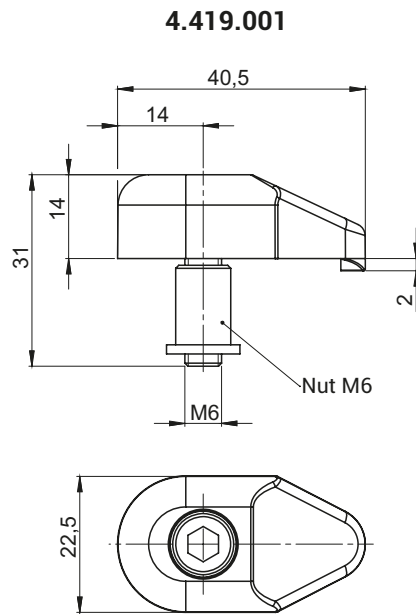
CAT. NUMBER	NAME	MATERIAL
4.416.001	Holder with seal	Polyamide



CAT. NUMBER	NAME	MATERIAL
4.411.001	Tommy screw	Polyamide-PA6 GF30 RAL/Steel zinc plated

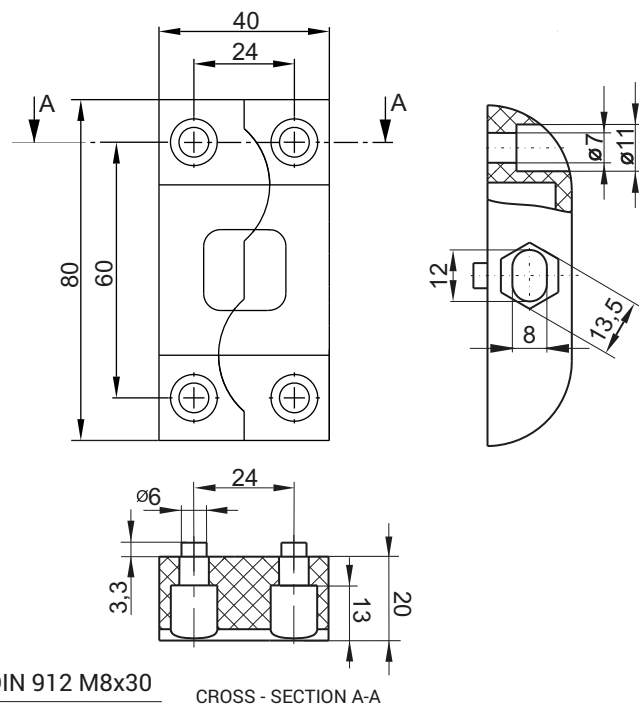


CAT. NUMBER	NAME	MATERIAL
4.411.002	Bridge clamp 46	Polyamide PA6 Gf30
4.411.003	Bridge clamp 56	
4.411.004	Bridge clamp 80	



CATALOGUE NO.	DETAL	MATERIAL	FINISH [C]			
			Nickel	Zink plated	RAL 9005	RAL 7035
4.419.001-X	Metal bridge clamp	ZAMAK	01	02	03	04
4.419.002	Plastic bridge clamp	Polyamide	RAL 9005			

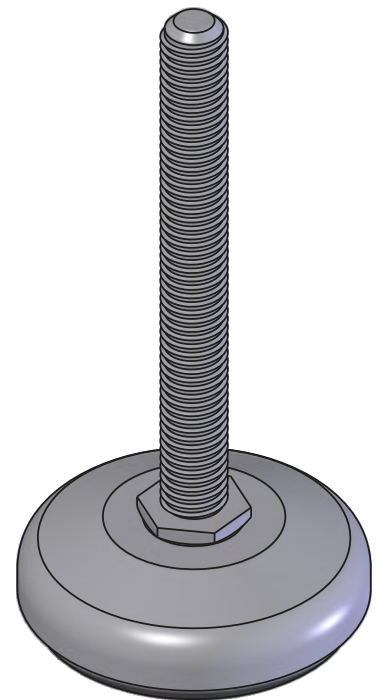
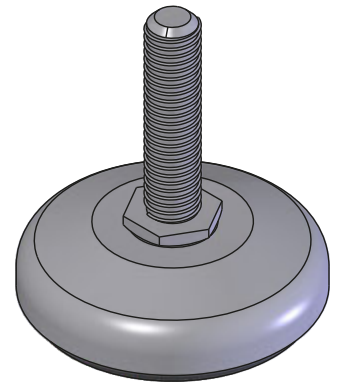
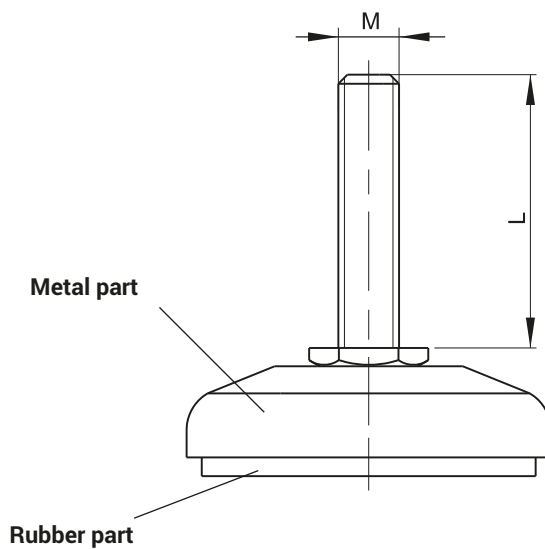
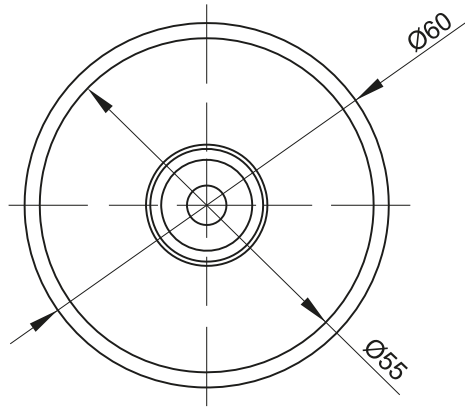
Connector 4.429.001



NAME	MATERIAL	FINISH [C]
Connector 4.429.001	Polyamide - PA6 GF30	RAL 9005 07

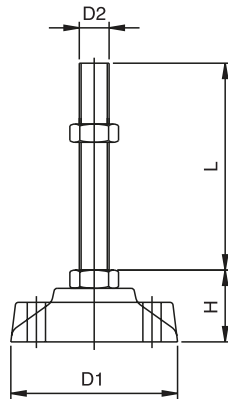
ADJUSTABLE FEET

- 4.431.001
- 4.431.002
- 4.431.003
- 4.431.004



CAT. NUMBER	DIMENSION		NAME	MATERIAL
	M	L		
4.431.001	10	45	Adjustable foot	Steel zinc plated, Rubber
4.431.001SN	10	45	Adjustable foot	Stainless steel, Rubber
4.431.002	12	45	Adjustable foot	Steel zinc plated, Rubber
4.431.002SN	12	45	Adjustable foot	Stainless steel, Rubber
4.431.003	10	100	Adjustable foot	Steel zinc plated, Rubber
4.431.003SN	10	100	Adjustable foot	Stainless steel, Rubber
4.431.004	12	100	Adjustable foot	Steel zinc plated, Rubber
4.431.004SN	12	100	Adjustable foot	Stainless steel, Rubber
4.431.005	10	150	Adjustable foot	Steel zinc plated, Rubber
4.431.005SN	10	150	Adjustable foot	Stainless steel, Rubber
4.431.006	12	150	Adjustable foot	Steel zinc plated, Rubber
4.431.006SN	12	150	Adjustable foot	Stainless steel, Rubber

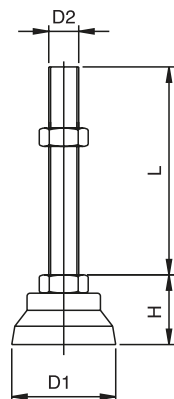
4.510.001



NAME	COMPONENTS			MATERIAL	
Adjustable foot	Screw			Steel zinc plated	
	Base			Polyamide	
CAT. NUMBER	D1	D2	H	L	LOAD
4.510.001.XXX	100	M16	42	100,150, 200,250	600kg
4.510.002.XXX		M20	46	75,100,150, 200,250	800kg
4.510.003.XXX		5/8"	43	100,150	600kg
4.510.004.XXX		3/4"	45	100,150	800kg
4.510.005.XXX	65	M16	42	100,150	600kg
4.510.006.XXX		M20	46	100,150	800kg

: where XXX=L

4.511.001



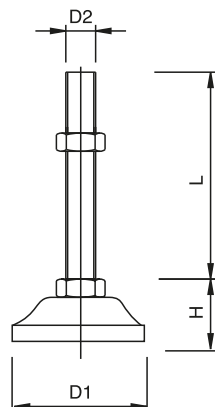
NAME	COMPONENTS			MATERIAL	
Adjustable foot	Screw			Steel zinc plated	
	Base			Polyamide	
CAT. NUMBER	D1	D2	H	L	LOAD
4.511.001.XXX	65	M16	42	100,150, 200,250	600kg
4.511.002.XXX		M20	46	75,100,150, 200,250	800kg
4.511.003.XXX		5/8"	43	100,150	600kg
4.511.004.XXX		3/4"	45	100,150	800kg
4.511.005.XXX	65	M16	42	100,150	600kg
4.511.006.XXX		M20	46	100,150	800kg

: where XXX=L

4.512...



4.512.001

4.512.002
4.512.003

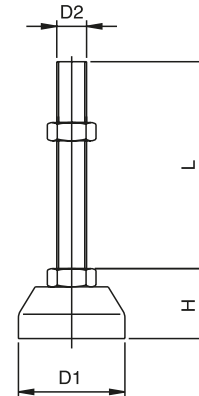
NAME	COMPONENTS			MATERIAL	
Adjustable foot	Screw			Stainless steel 304	
	Base			Stainless steel 304	
CAT. NUMBER	D1	D2	H	L	LOAD
4.512.001.XXX	50	M16	31	100,150	1500kg
4.512.002.XXX	70	M16	31	100,150	1500kg
4.512.003.XXX		M20	35	100,150	2000kg

: where XXX=L

4.513.001

NAME	COMPONENTS			MATERIAL	
Adjustable foot	Screw			Steel zinc plated	
	Base			Polyamide	
CAT. NUMBER	D1	D2	H	L	LOAD
4.513.001.XXX	70	M16	42	100,150, 200,250	600kg
4.513.002.XXX		M20	46	75,100,150, 200,250	800kg
4.513.003.XXX		5/8"	43	100,150	600kg
4.513.004.XXX		3/4"	45	100,150	800kg
4.513.005.XXX		M16	42	100,150	600kg
4.513.006.XXX		M20	46	100,150	800kg

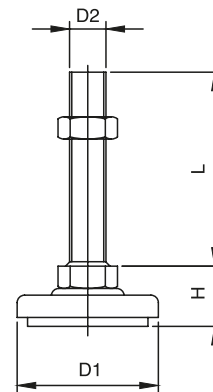
: where XXX=L



4.514.001

NAME	COMPONENTS			MATERIAL	
Adjustable foot	Screw			Steel zinc plated	
	Base			Polyamide	
CAT. NUMBER	D1	D2	H	L	LOAD
4.514.001.XXX	55	M12	26	50,75 100,150,	300kg
4.514.002.XXX		M16	28	70,100,150,	500kg
4.514.003.XXX		1/2"	27	75,100,150	300kg
4.514.004.XXX		5/8"	29	75,100,150	500kg
4.514.005.XXX	75	M16	30	100,150	500kg
4.514.006.XXX		5/8"	31	100,150	500kg

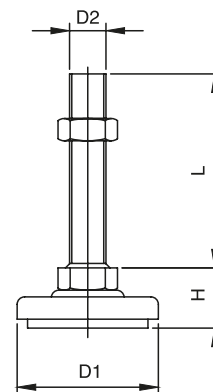
: where XXX=L



4.515.001

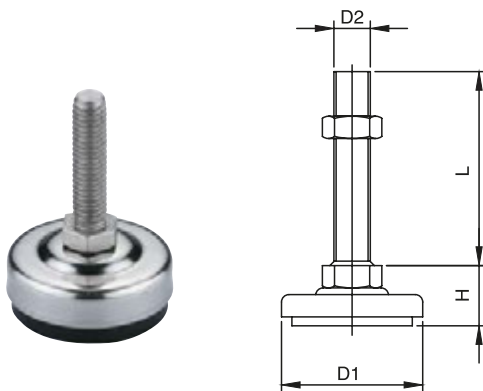
NAME	COMPONENTS			MATERIAL	
Adjustable foot	Screw			Steel zinc plated	
	Base			Steel zinc plated with rubber from below	
CAT. NUMBER	D1	D2	H	L	LOAD
4.515.001.XXX	40	M10	20	50,100	200kg
4.515.002.XXX		M12	23	50,100	300kg
4.515.003.XXX	55	M12	26	50,75 100,150,	300kg
4.515.004.XXX		M16	28	70,100,150,	500kg
4.515.005.XXX		1/2"	27	75,100,150	300kg
4.515.006.XXX		5/8"	29	75,100,150	500kg
4.515.007.XXX	75	M16	30	100,150	500kg
4.515.008.XXX		5/8"	31	100,150	500kg

: where XXX=L



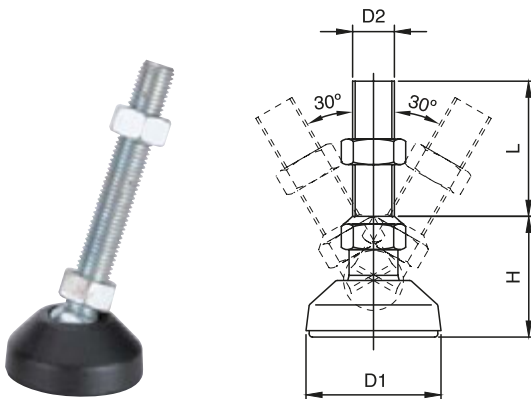
TX-102-2

4.516.001



NAME	COMPONENTS			MATERIAL	
Adjustable foot	Screw			Steel zinc plated	
	Base			Steel zinc plated with rubber from below	
CAT. NUMBER	D1	D2	H	L	LOAD
4.516.001.XXX	40	M10	21	100,150	200kg
4.516.002.XXX		M12	23	100,150	300kg
4.516.003.XXX		1/2"	23	100,150	300kg
4.516.004.XXX	60	M12	30	100,150	300kg
4.516.005.XXX		M16	32	100	500kg
4.516.006.XXX		1/2"	30	50,100	300kg
4.516.007.XXX		5/8"	32	100	500kg

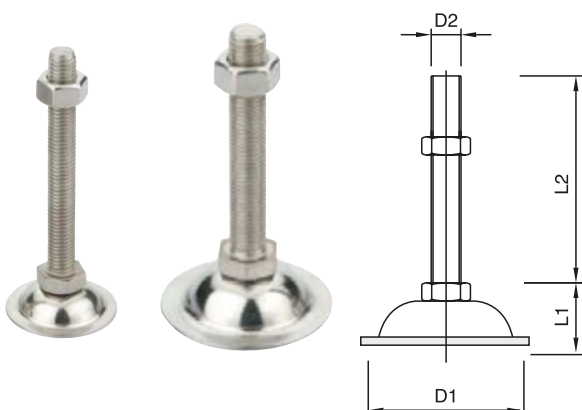
: where XXX=L

4.517.001
with movable screw

NAME	COMPONENTS			MATERIAL	
Adjustable foot	Screw			Steel zinc plated	
	Base			Polyamide	
CAT. NUMBER	D1	D2	H	L	LOAD
4.517.001.XXX	65	M16	39	150	300kg
4.517.002.XXX		M16	39	100	300kg
4.517.003.XXX		5/8"	39	100	300kg

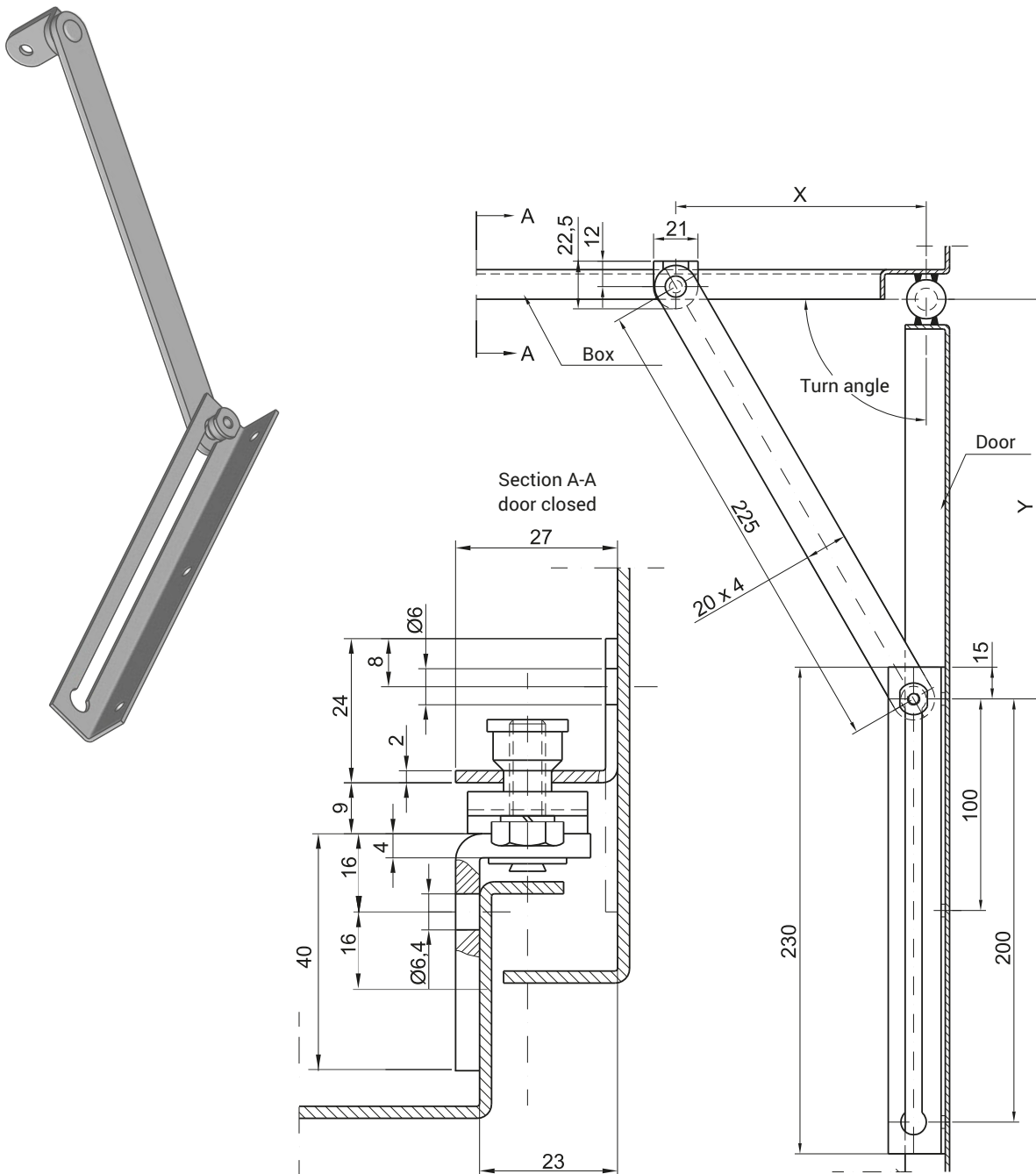
: where XXX=L

4.518.001

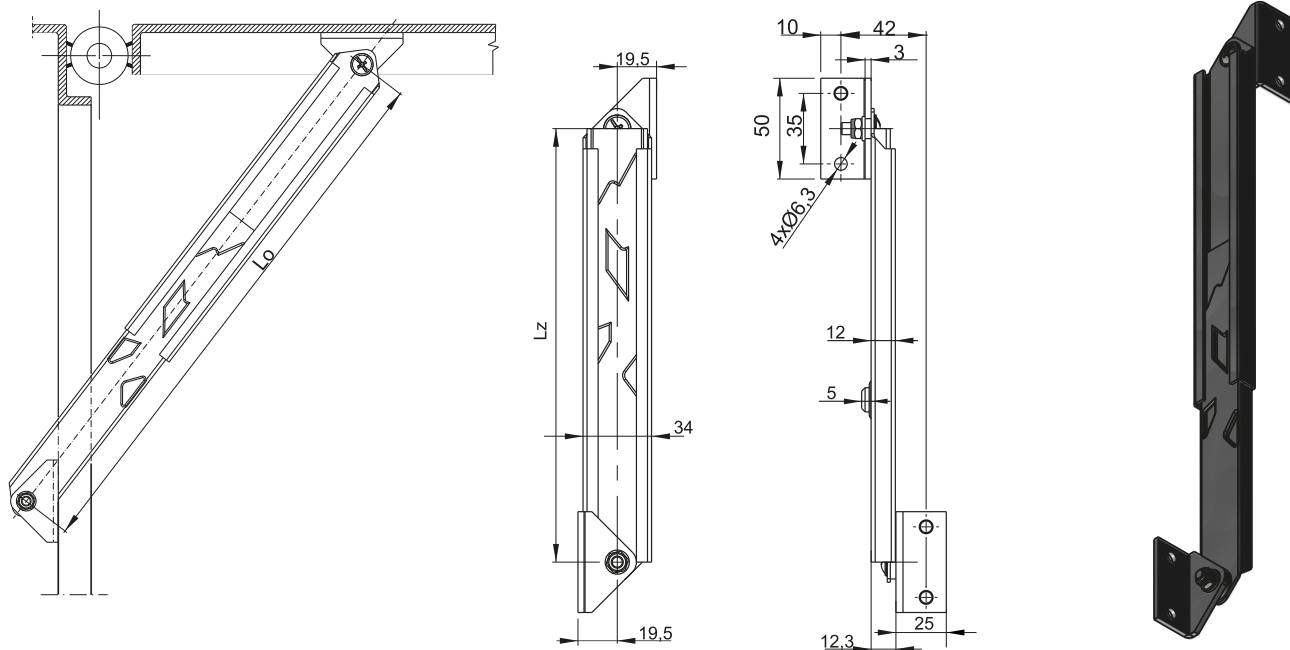


NAME	COMPONENTS			MATERIAL	
Adjustable foot	Screw			Stainless steel 304	
	Base			Stainless steel 304	
CAT. NUMBER	D1	D2	H	L	LOAD
4.518.001.XXX	50	M10	18	50, 100	150kg
4.518.002.XXX		M12	20	50, 75, 100	200kg
4.518.003.XXX		1/2"	20	50, 75, 100	200kg
4.518.004.XXX	70	M12	27	50, 75, 100, 150	300kg
4.518.005.XXX		M16	30	50, 75, 100, 150	400kg
4.518.006.XXX		1/2"	27	50, 75, 100	300kg
4.518.007.XXX		5/8"	30	100	400kg

: where XXX=L



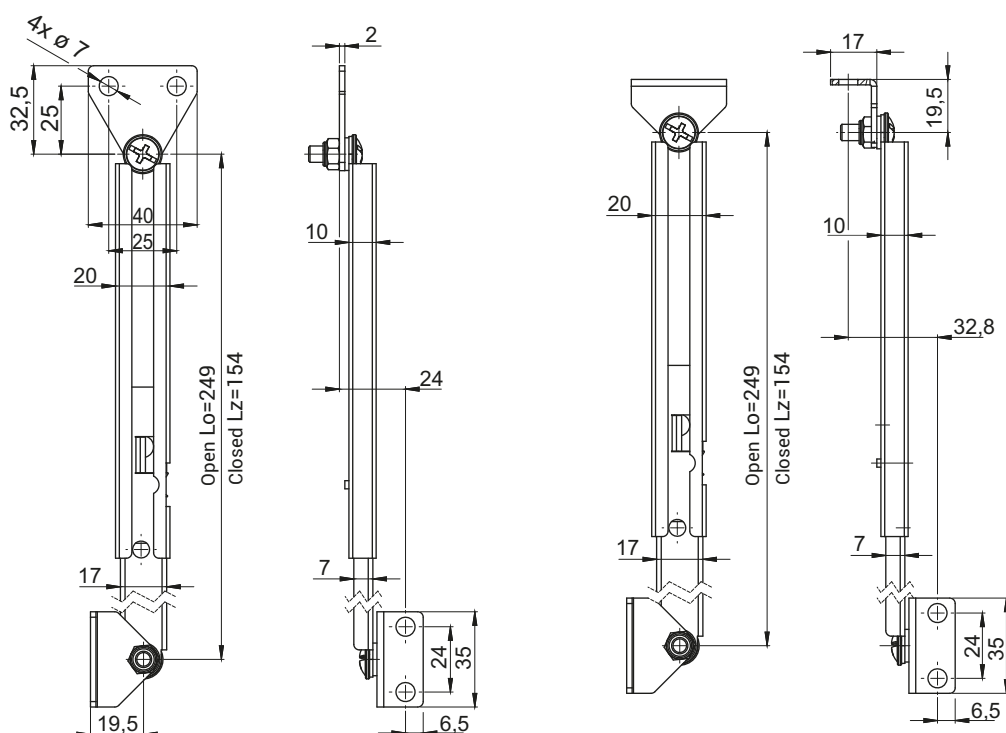
CAT. NUMBER	NAME	MATERIAL	TURN ANGLE	DIMENSION [mm]		MIN. DOOR WIDTH
				X	Y	
4.401.001	Door blockade	Steel zinc plated	90°	140	176	399
			105°	120	162	385
			120°	110	149	372
			135°	100	144	367



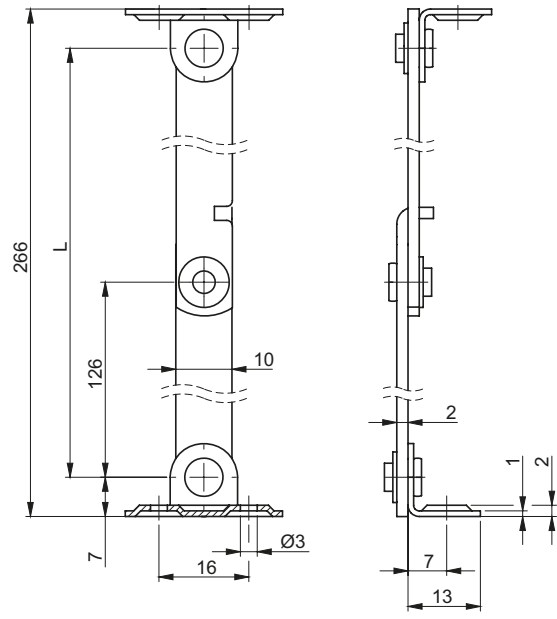
CAT. NUMBER	NAME	MATERIAL	Lz - closed	Lo - open
4.401.101	Telescopic blockade	Steel zinc plated	215	335
4.401.102	blockade		395	695

Version A

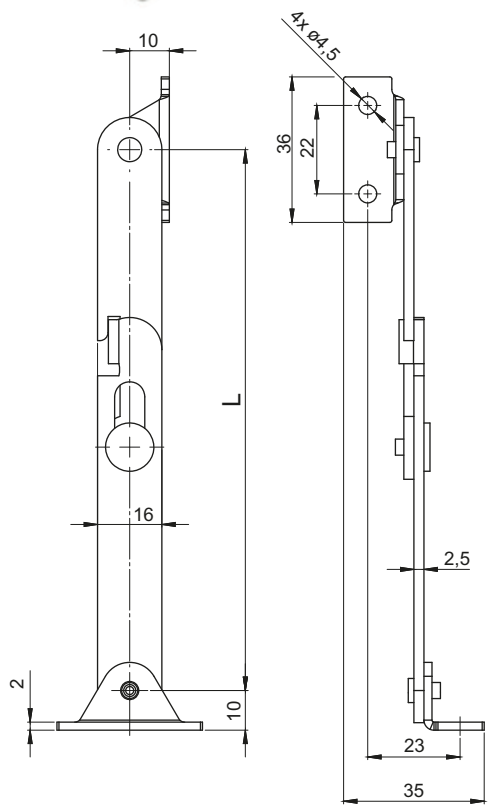
Version B



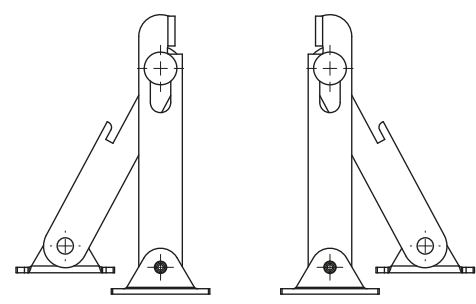
CATALOGUE NO.	VERSION	DETAL	VERSION	MATERIAL
4.401.105	A	Telescopic blockade	Left	Steel zinc plated
4.401.106			Right	
4.401.107	B		Left	
4.401.108			Right	



CATALOGUE NUMBER	Dimension L [mm]	MATERIAL
4.401.200	292	Steel zinc plated
4.401.201	252	
4.401.202	202	
4.401.203	135	
4.401.200SN	292	Stainless steel
4.401.201SN	252	
4.401.202SN	202	
4.401.203SN	135	

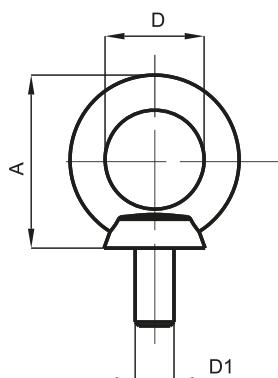


Left version Right version

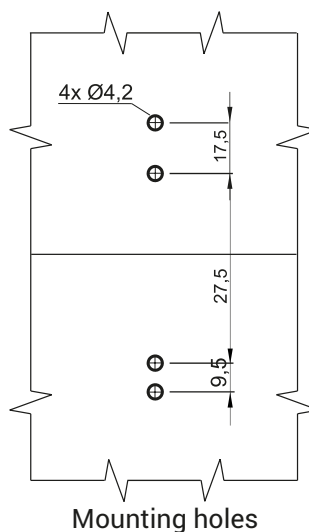


CATALOGUE NO.	VERSION	L	MATERIAL
4.401.301	Right	290	Steel zinc plated
4.401.301SN			Stainless steel
4.401.302	Left	202	Steel zinc plated
4.401.302SN			Stainless steel
4.401.303	Right	135	Steel zinc plated
4.401.303SN			Stainless steel
4.401.304	Left	202	Steel zinc plated
4.401.304SN			Stainless steel
4.401.305	Right	135	Steel zinc plated
4.401.305SN			Stainless steel
4.401.306	Left	135	Steel zinc plated
4.401.306SN			Stainless steel

Screw 4.430. ...

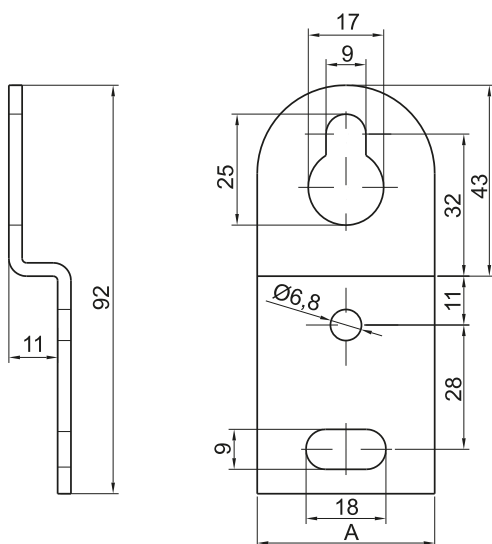


Version	D1	A	D
4.430.001	M8	37	ø20,5
4.430.002	M10	44,5	ø25,5
4.430.003	M12	53,5	ø29,8
4.430.004	M14	64	ø34,5
4.430.005	M16	64	ø34,5

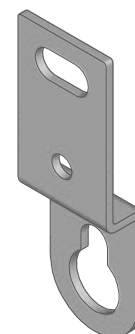
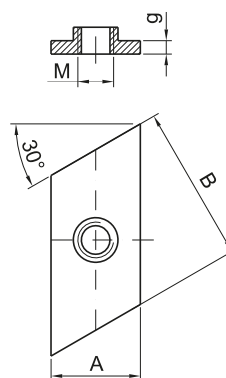


CAT. NUMBER	MATERIAL
4.430....	Steel zinc plated

BOX HOLDER
4.410....



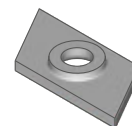
TRAPEZIUM NUT
4.409....



BOX HOLDER
LOWER



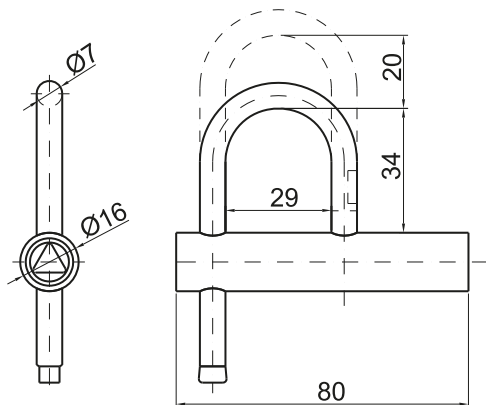
BOX HOLDER
UPPER



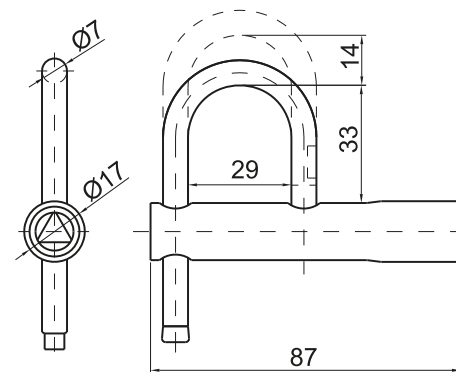
CAT. NUMBER	NAME	MATERIAL	A	B	G	M
4.409.003	Trapezium nut	Steel zinc plated	20	35	3	M8
4.409.002			15	20	3	M8
4.409.001	12		30	3	M6	
4.410.001	Box holder		30	2,5	-	-
4.410.002	Box holder		40	3	-	-



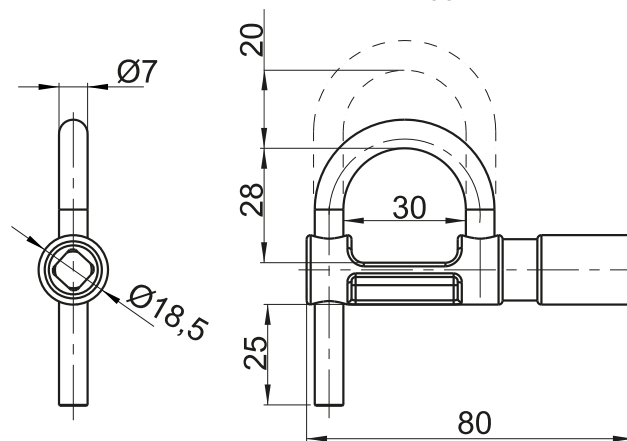
**PADLOCK
4.KD.001**



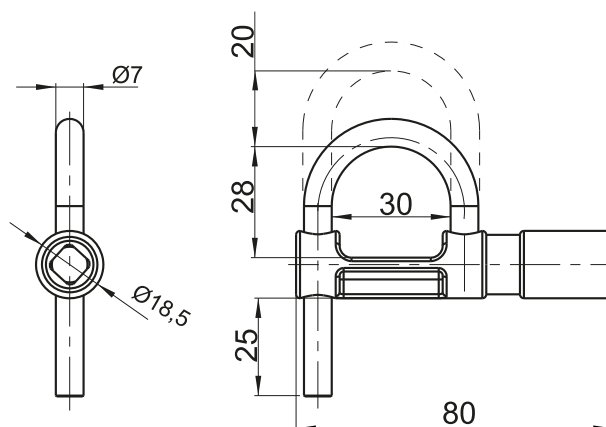
**PADLOCK SN
4.KDSN.001**



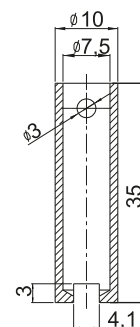
**PADLOCK SN
4.KDZN.001**



**SELF-LOCKING PADLOCK
4.KDZN.002**



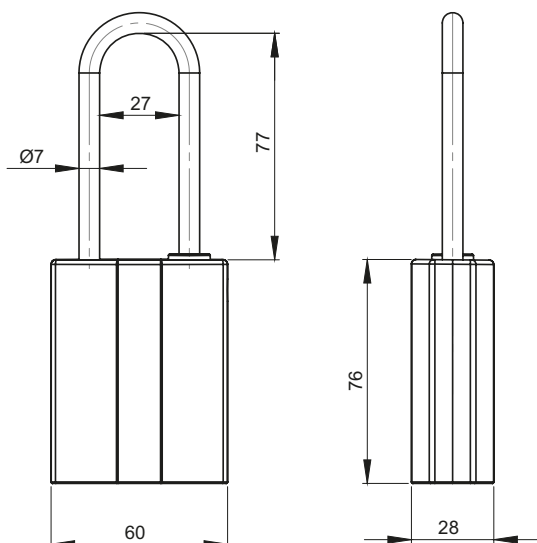
**KEY
4.KDZN.002.06**



CAT. NUMBER	NAME	MATERIAL
4.KD.001	Padlock KD	Steel zinc plated
4.KDSN.001	Padlock KDSN	Stainless steel- 1.4301
4.KDZN.001	Padlock KDZN	Zamak - zinc plated
4.KDZN.002	Self-locking padlock KDZN	
4.KDZN.002.06	Key for padlock KDZN002	Steel zinc plated

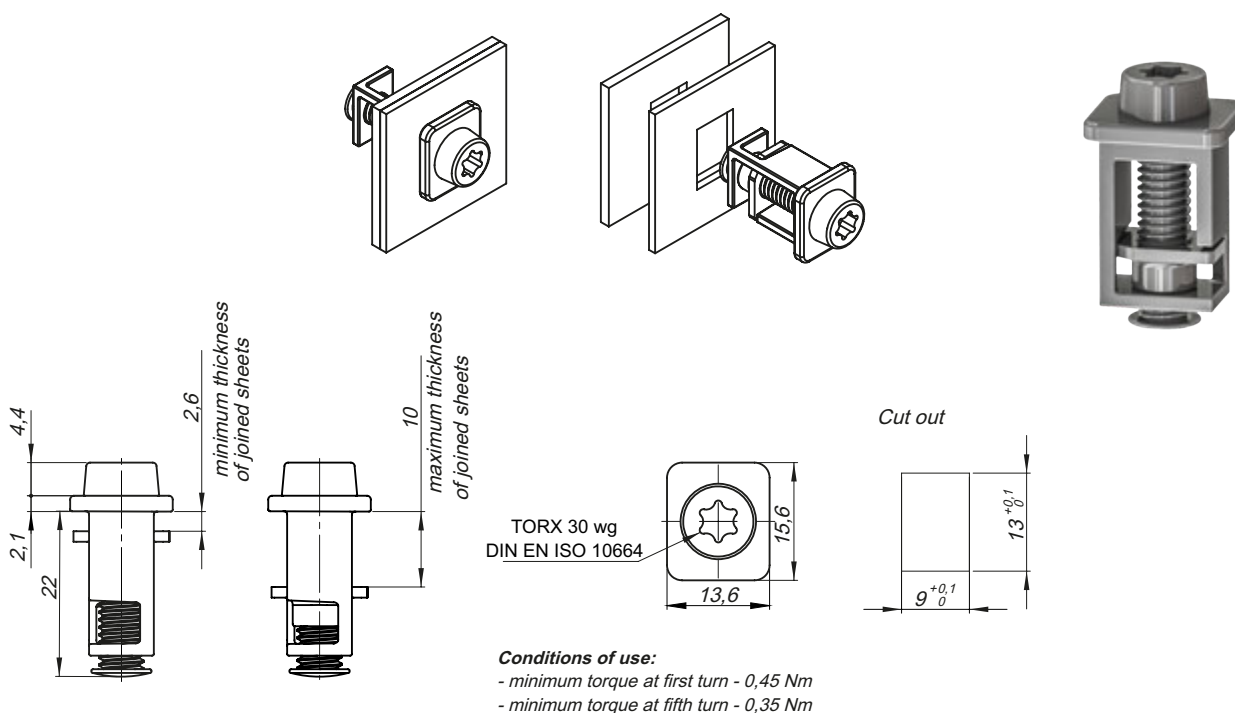
Padlock 4.KDZN.100

Quick connector 4.600



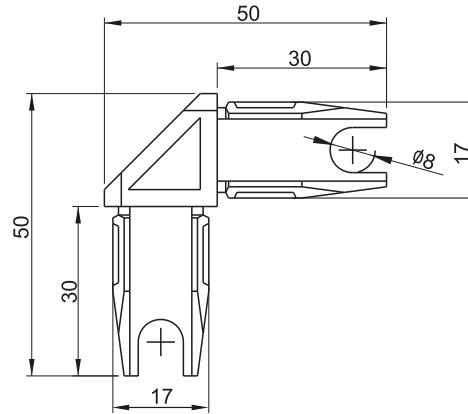
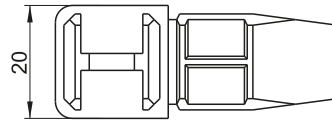
CATALOGUE NUMBER	COMPONENTS	MATERIAL	FINISH [C]
			RAL9005
4.KDZN.100	Body	ZAMAK	04
	Shackle	Steel zinc plated	-

Padlock is equipped with a special shaped insert type D13.

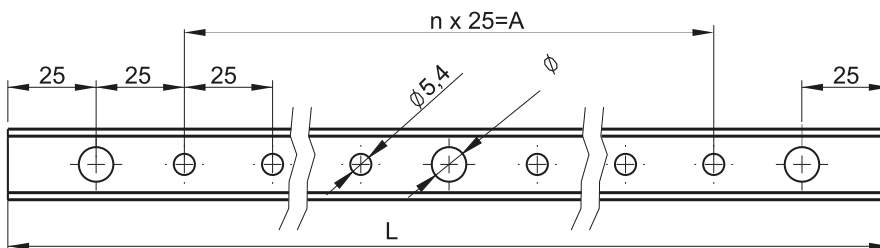
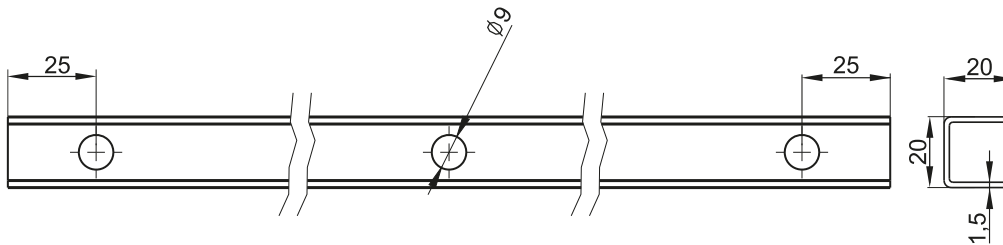
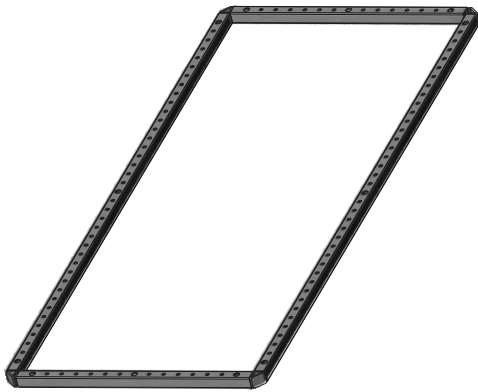


CATALOGUE NUMBER	COMPONENTS	MATERIAL
4.600.001	Body	Znal zinc plated
	Screw, Nut	Steel zinc plated

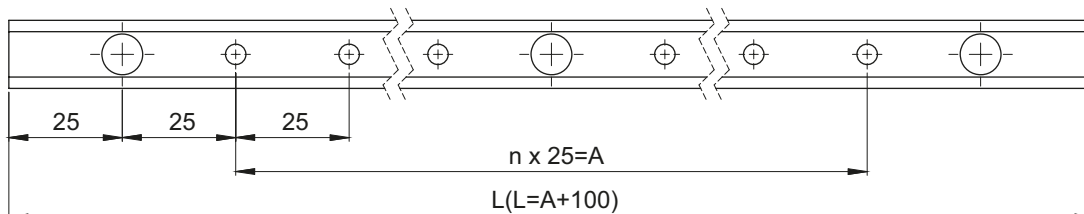
Frame connector 4.422.001



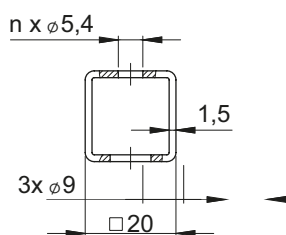
Profile



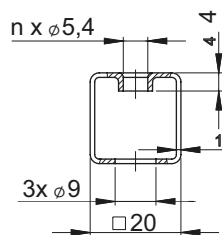
CAT. NUMBER	MATERIAL	NAME	DIMENSION L	$n \times 25 = A$
4.422.001	Zamak-zinc plated	Frame connector	-	-
4.422.002	Steel zinc plated	Nut M6x	-	-
4.450.01.1850	Steel zinc plated	Profile	1850	$70 \times 25 = 1750$
4.450.01.1650			1650	$62 \times 25 = 1550$
4.450.01.1450			1450	$54 \times 25 = 1350$
4.450.01.1050			1050	$38 \times 25 = 950$
4.450.01.0600			600	$20 \times 25 = 500$
4.450.01.0400			400	$12 \times 25 = 300$



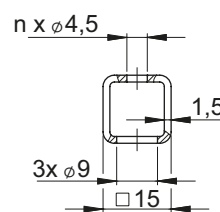
Version 001



Version 002

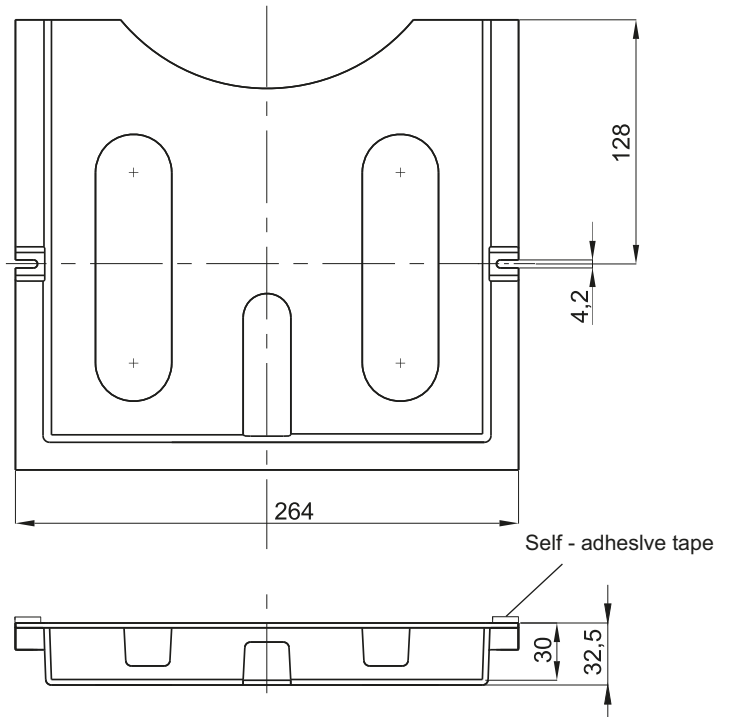


Version 003



CATALOGUE NO.			DIMENSION L	n x 25 = A	MATERIAL
VERSION					
001	002	003			
-	4.450.002.1900	-	1900	72 x 25 = 1850	Steel zinc plated
4.450.001.1850	4.450.002.1850	-	1850	70 x 25 = 1750	
4.450.001.1650	4.450.002.1650	-	1650	62 x 25 = 1550	
4.450.001.1450	4.450.002.1450	-	1450	54 x 25 = 1350	
4.450.001.1050	4.450.002.1050	-	1050	38 x 25 = 950	
-	-	4.450.003.700	700	24 x 25 = 600	
4.450.001.0600	-	-	600	20 x 25 = 500	
4.450.001.0400	-	-	400	12 x 25 = 300	
-	-	4.450.003.350	350	10 x 25 = 250	

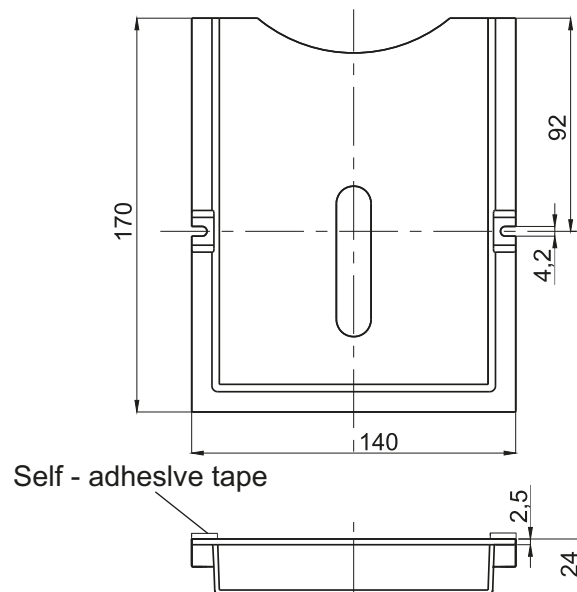
Pocket A4 4.420.001



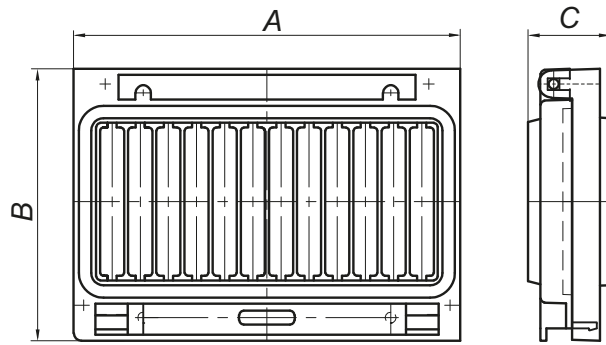
CATALOGUE NUMBER	NAME	MATERIAL	FINISH [C]
			RAL 7035
4.420.001	Document pocket A4	ABS	08



Pocket A6 4.420.002

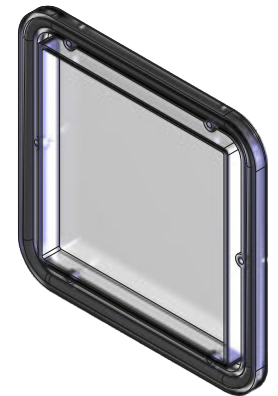
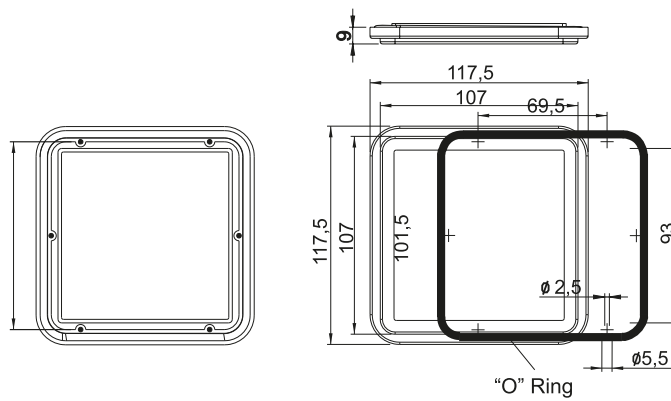


CATALOGUE NUMBER	NAME	MATERIAL	FINISH [C]
			RAL 7035
4.420.002	Document pocket A6	ABS	08



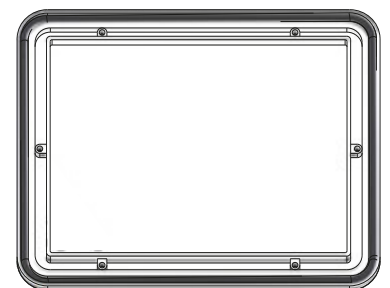
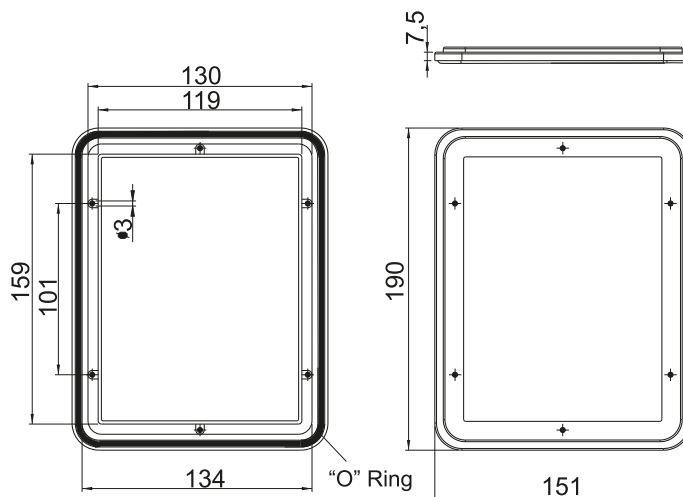
L.p.	A	B	C
4.110	88,5	88	27
4.111	125	88	27
4.112	161,5	88	27
4.113	234	88	27
4.114	254	210	27

WINDOW 117 x 117

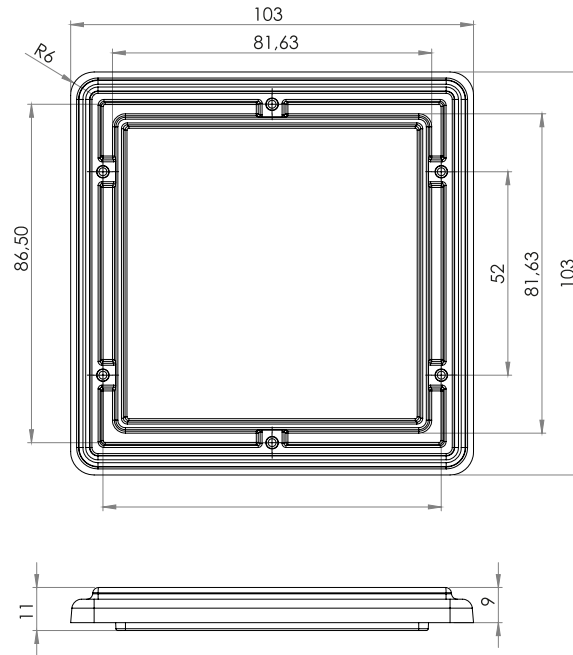


CAT. NUMBER	NAME	MATERIAL
4.423.001	Window 117 x 117	Polycarbonate

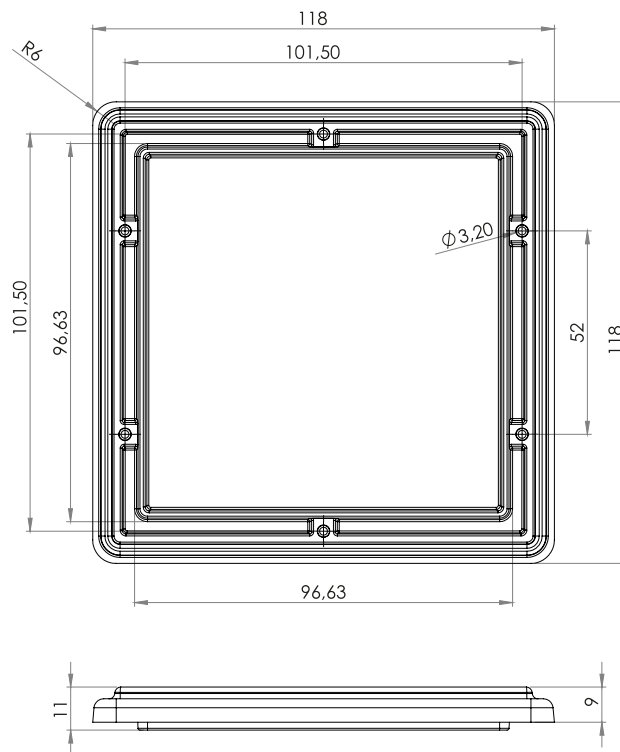
WINDOW 151 x 190



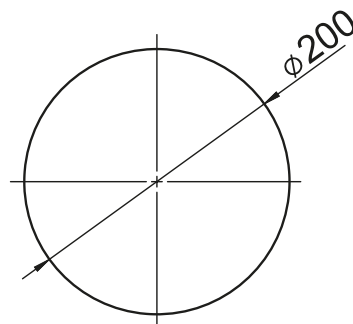
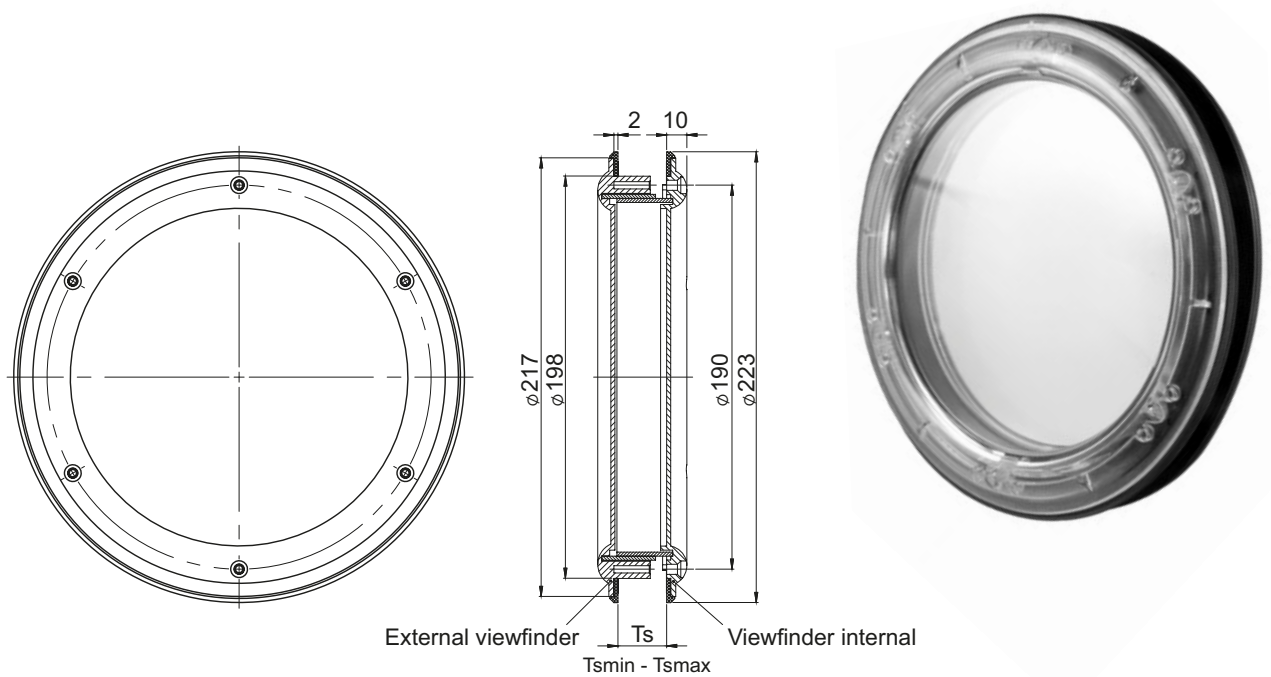
CAT. NUMBER	NAME	MATERIAL
4.423.002	Window 151 x 190	Polycarbonate



CAT. NUMBER	COLOUR	MATERIAL
4.423.003	Transparent	Polycarbonate



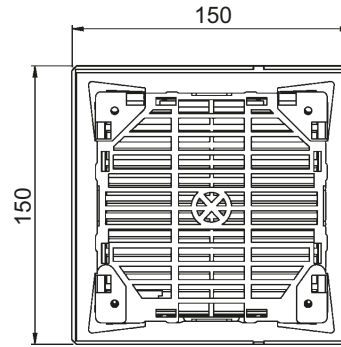
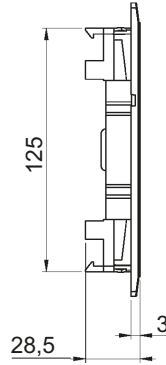
CAT. NUMBER	COLOUR	MATERIAL
4.423.004	Transparent	Polycarbonate



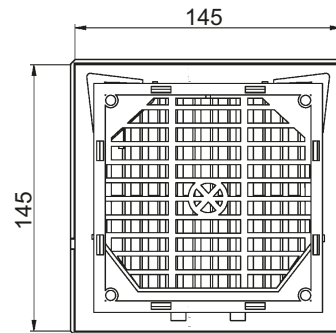
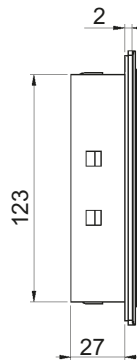
cut out

CATALOGUE NO.	DIMENSION T_s	DETAL	COMPONENTS	MATERIAL
4.425.001	19 - 35	Inspection window	Viewfinder	Polycarbonate
4.425.002	39 - 53		Gasket	EPDM
4.425.003	54 - 65			
4.425.004	70 - 90			
4.425.005	95 - 110			

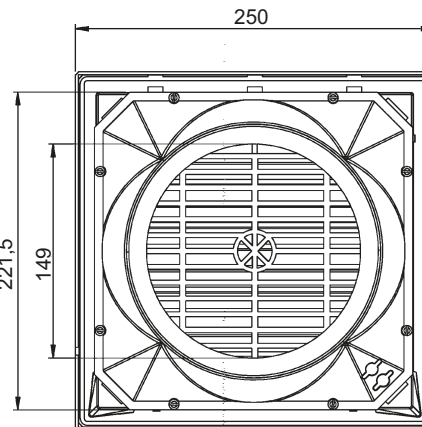
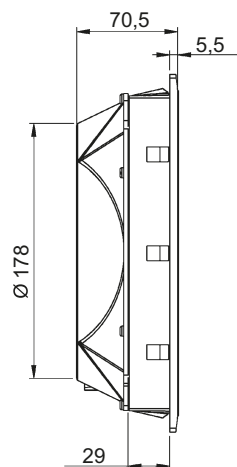
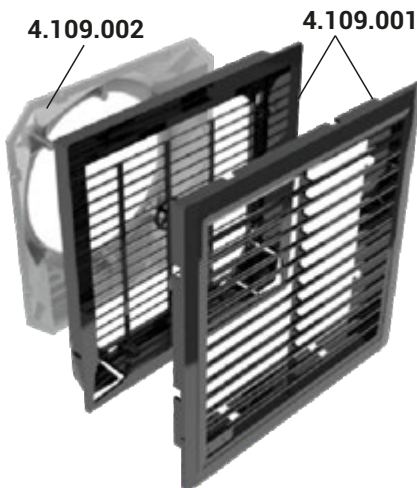
$T_{smin} - T_{smax}$ - the range of thickness adjustment of inspection window



CAT. NUMBER	MATERIAL	FINISH [C]	
		RAL 9005	RAL 7035
4.107.001	ABS	07	08



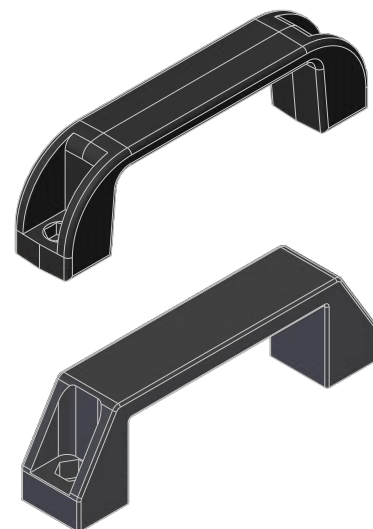
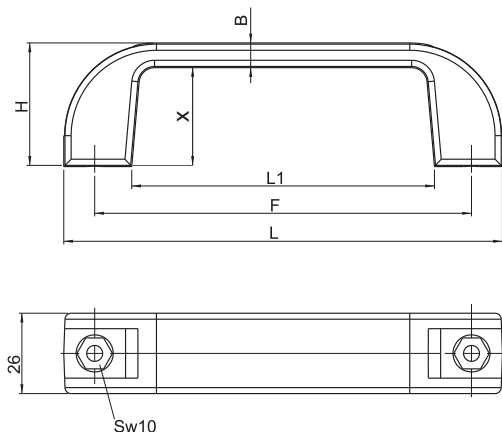
CAT. NUMBER	MATERIAL	FINISH [C]	
		RAL 9005	RAL 7035
4.108.001	ABS	07	08



CAT. NUMBER	MATERIAL	FINISH [C]	
		RAL 9005	RAL 7035
4.109.001	ABS	07	08
4.109.002	ABS		

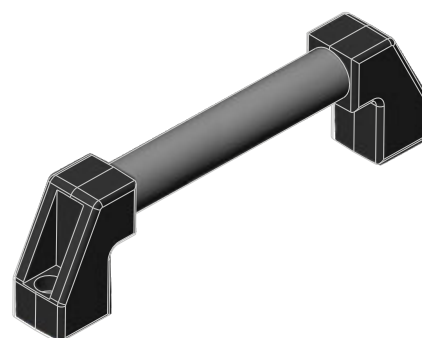
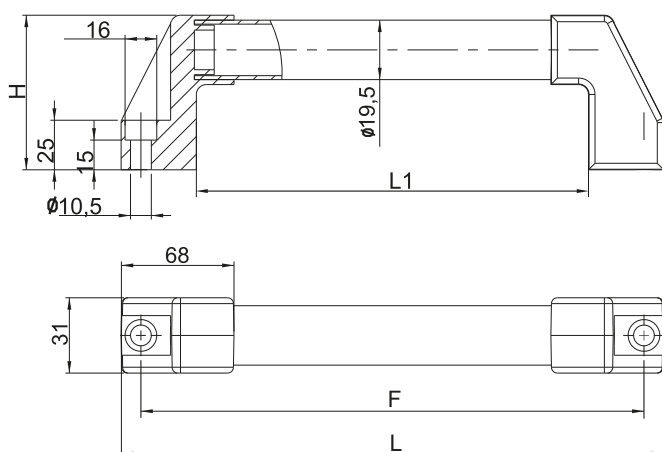
How to order: 4.107.001 — C
 Catalogue number _____
 Finish _____

Handle PA



CAT. NUMBER	DIMENSION						MATERIAL	FINISH [C]
	L	F	L1	H	B	X		RAL 9005
4.440.001	107	93,5	74	36	5,50	33	Polyamide GF30	07
4.440.002	134	114	88,5	45	10,50	34		
4.440.003	142	122	98	42	12,50	29		
4.440.004	150	131	108	45	7	38		
4.440.005	170	150	118	54	7	42		

Handle



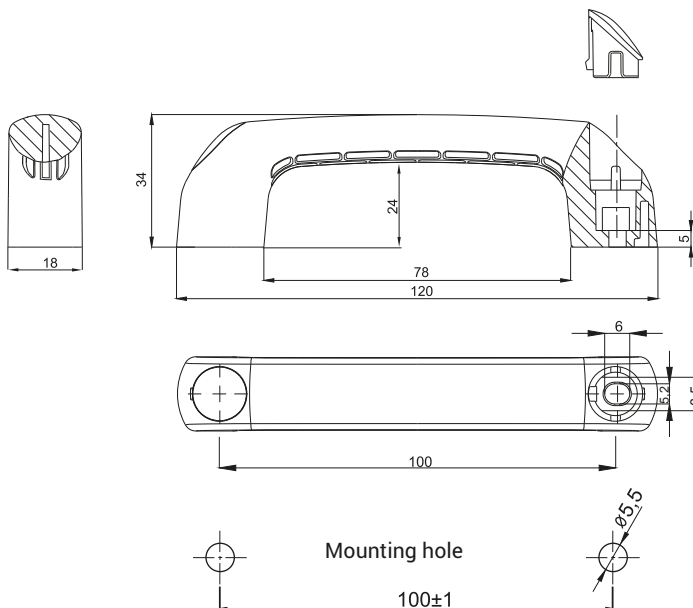
CAT. NUMBER	DIMENSION				MATERIAL	HOLDER FINISH [C]
	L	F	L1	H		RAL 9005
4.441.001	224	200	154	56	Holder Polyamide Handle Aluminum	07
4.441.002	324	300	254	56		
4.441.003	424	400	354	56		
4.441.004	524	500	454	56		

Handle PA 4.444.001



PLUG COLORS

01	black
02	blue
03	red
04	green
05	yellow
06	grey



CAT. NUMBER

4.444.001...

MATERIAL

Polyamide PA6 GF30 RAL 9005

LOAD CAPACITY

54 kg

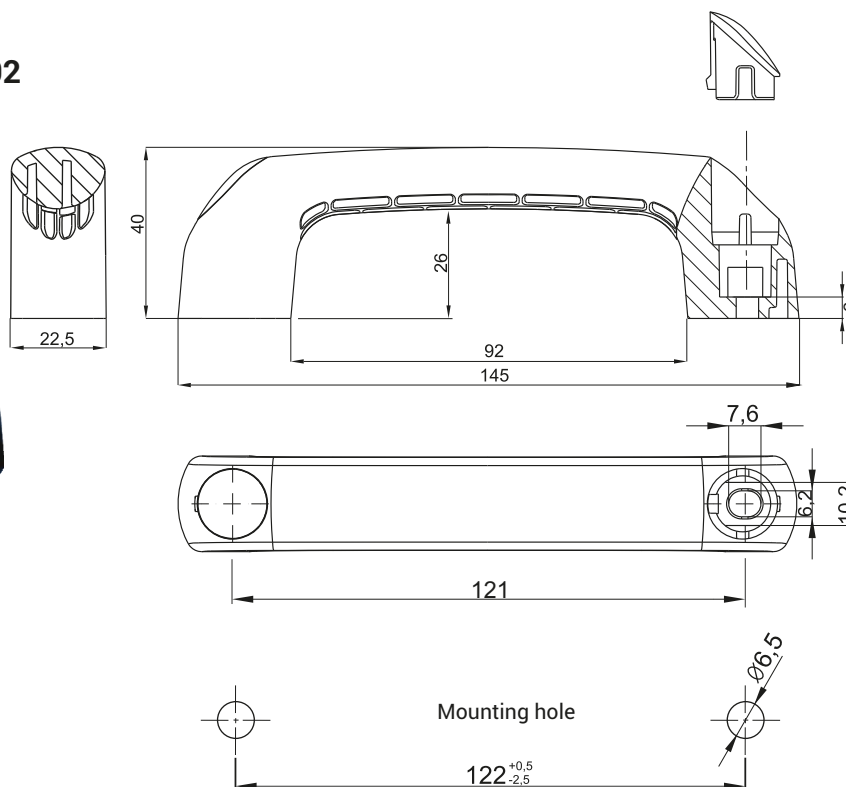
Note: handle colors on request

Handle PA 4.444.002



PLUG COLORS [C]

01	black
02	blue
03	red
04	green
05	yellow
06	grey



Construction design allows to mount the handle into the holes with a spacing of 120mm

CAT. NUMBER

4.444.002...

MATERIAL

Polyamide PA6 GF30 RAL 9005





LOAD CAPACITY

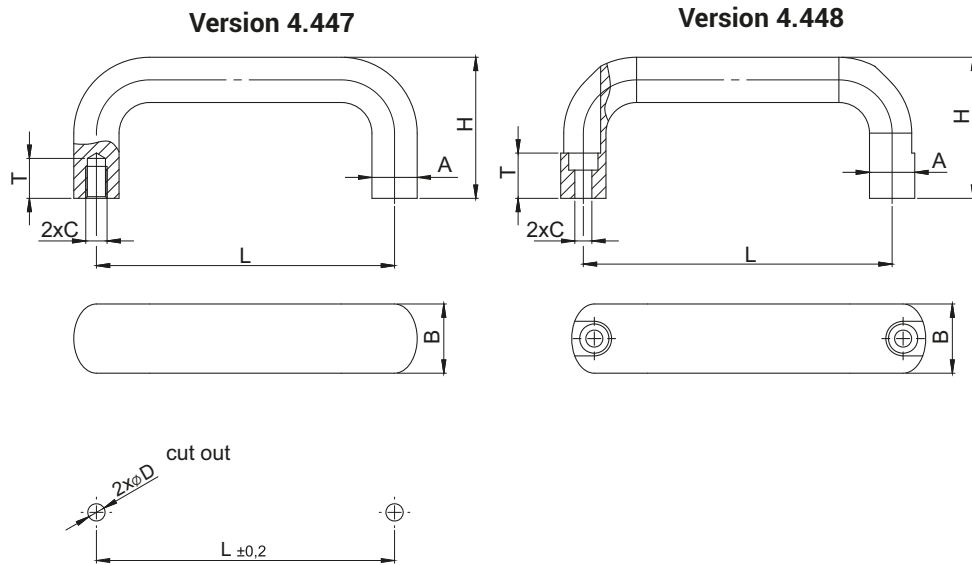
54 kg

Note: handle colors on request

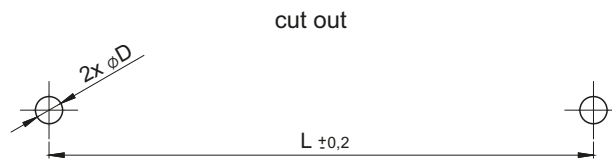
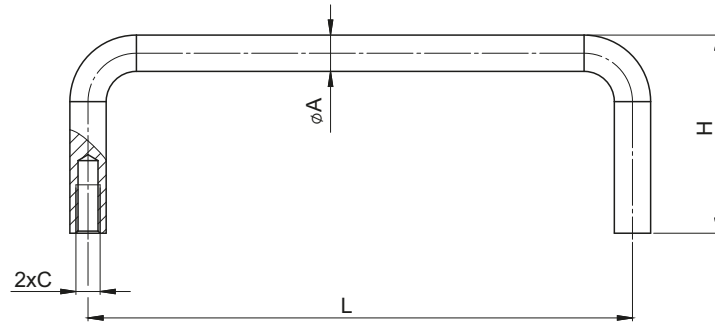
How to order:

Catalogue number 4.444.001 — C
 Plug color _____

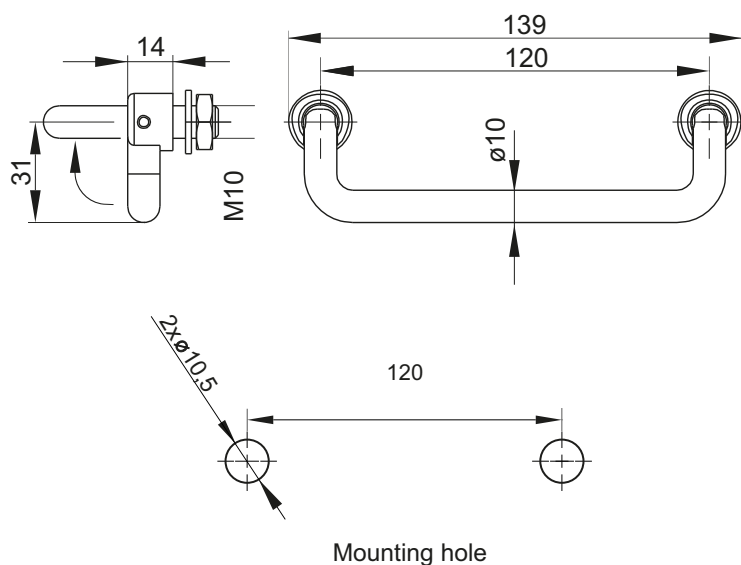
Mounting screws	4.444.001 M5	4.444.002 M6
		DIN 933
		DIN 7984
		DIN 965
		DIN 84



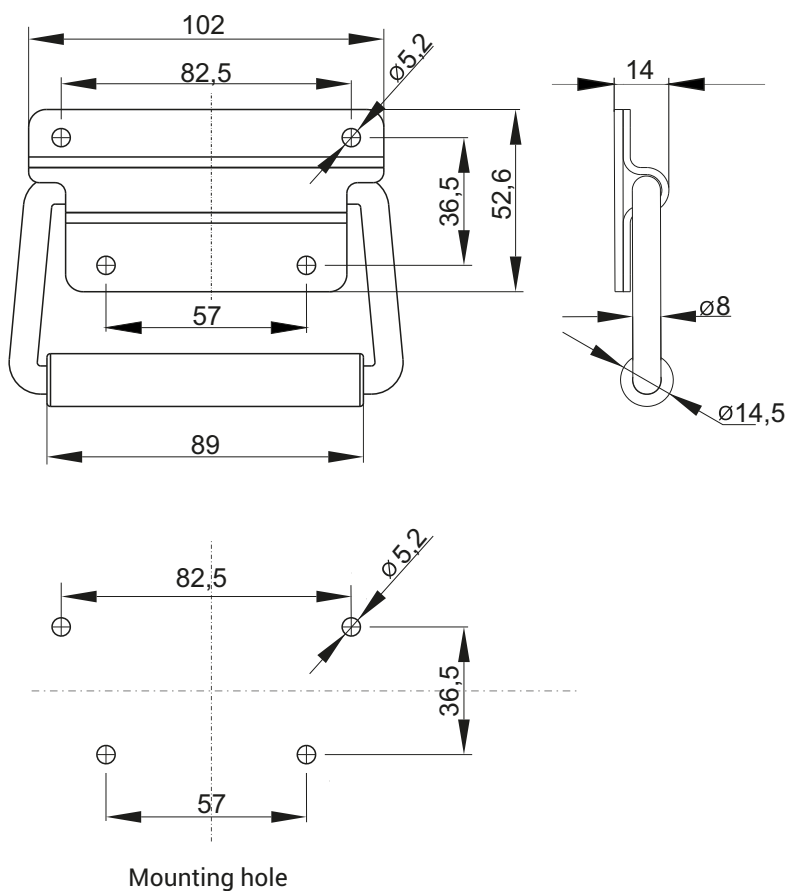
CATALOGUE NO.	DIMENSIONS								MATERIAL	FINISH
	L	H	A	B	T	C	D			
VERSION 4.447										
4.447.001	100	47							Aluminum	Natural
4.447.002	112	49	13	20	10	M6	6,6			
4.447.003	128	51								
4.447.004	160	51								
4.447.005	112	53								
4.447.006	128	55								
4.447.007	160	57	17	26	12	M8	9			
4.447.008	192	57								
4.447.009	300	57								
4.447.010	400	57								
4.447.101	100	47	13	20	10	M6	6,6	Aluminum	black plastic coating	
4.447.102	112	49								
4.447.103	128	51								
4.447.104	160	51								
4.447.105	112	53								
4.447.106	128	55								
4.447.107	160	57	17	26	12	M8	9			
4.447.108	192	57								
4.447.109	300	57								
4.447.110	400	57								
4.447.301	100	50	13	20	10	M6	6,6	Aluminum	anodising	
4.447.302	112	55	17	26	12	M8	9			
4.447.303	112	55	17	26	12	M8	9			
4.447.304	128	50	13	20	10	M6	6,6			
4.447.305	128	55	17	26	12	M8	9			
4.447.306	160	50	13	20	10	M6	6,6			
4.447.307	160									
4.447.308	192	55	17	26	12	M8	9			
4.447.309	300									
4.447.310	400									
4.447.002 SN	112	49	13	20	10	M6	6,6	Stainless steel	Natural	
4.447.003 SN	128	51								
VERSION 4.448										
4.448.001	116	53						Aluminum	Natural	
4.448.002	132	55								
4.448.003	164	57								
4.448.004	196	57								
4.448.101	116	53	17	26	17	∅6,4	6,6		Aluminum	black plastic coating
4.448.102	132	55								
4.448.103	164	57								
4.448.104	196	57								



CATALOGUE NO.		DIMENSIONS				
Chrome plated steel	Stainless steel	L	A	H	C	D
4.446.001	4.446.001SN	70	6	32	M4	4,5
4.446.002	4.446.002SN	90	6	32	M4	4,5
4.446.003	4.446.003SN	102	6	32	M4	4,5
4.446.004	4.446.004SN	122	6	32	M4	4,5
4.446.005	4.446.005SN	138	6	32	M4	4,5
4.446.006	4.446.006SN	75	8	40	M5	6
4.446.007	4.446.007SN	100	8	32	M5	6
4.446.008	4.446.008SN	150	8	40	M5	6
4.446.009	4.446.009SN	90	9	32	M5	6
4.446.010	4.446.010SN	119	9	40	M5	6
4.446.011	4.446.011SN	135	9	32	M5	6
4.446.012	4.446.012SN	149	9	40	M5	6
4.446.013	4.446.013SN	155	9	32	M5	6
4.446.014	4.446.014SN	160	9	40	M5	6

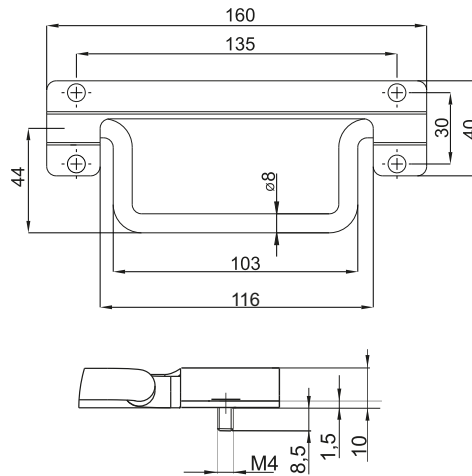


CAT. NUMBER	COMPONENTS	MATERIAL
4.444.003	Holder, Base	Stainless steel

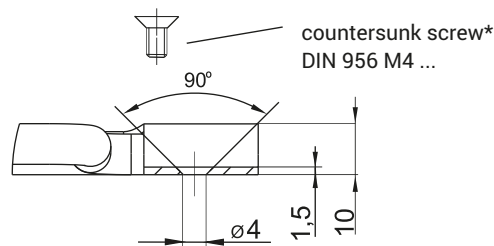


CAT. NUMBER	COMPONENTS	MATERIAL
4.444.004	Holder, Base, Spring	Steel zinc plated

Metal handle 4.442



CAT. NUMBER	COMPONENTS	MATERIAL
4.442.001	Holder, Base	Stainless steel
4.442.003	Holder, Base	Steel zinc plated

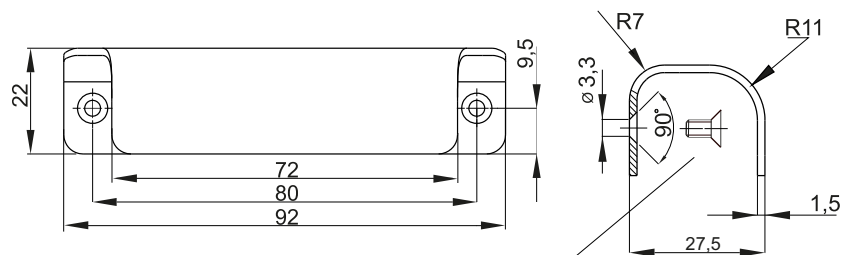


* - not included in the handle

CAT. NUMBER	COMPONENTS	MATERIAL
4.442.002	Holder, Base	Stainless steel
4.442.004	Holder, Base	Steel zinc plated



Drawer handle 4.443



countersunk screw*
DIN 965 M3 x ...

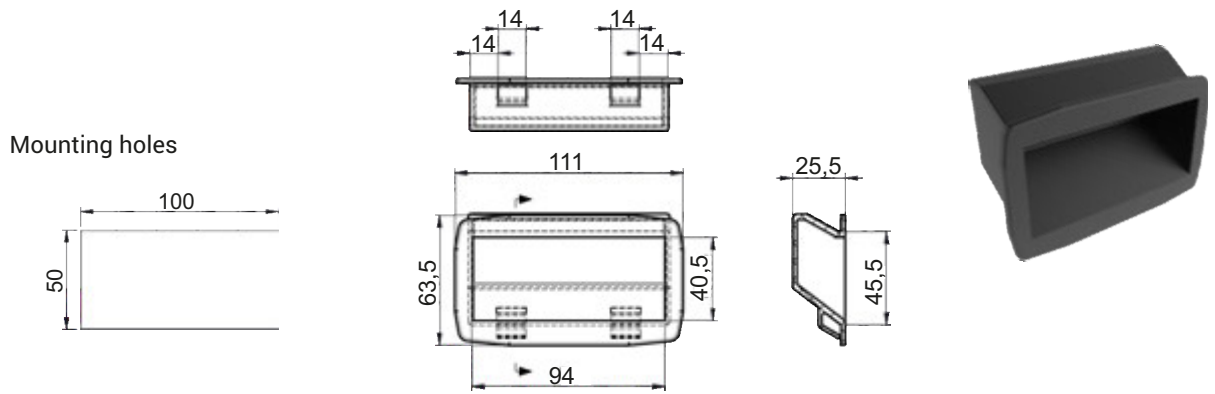
* - not included in the handle

CAT. NUMBER	COMPONENTS	MATERIAL	FINISH [C]	
			RAL 9005	RAL 7035
4.443.001	Holder	Steel zinc plated	04	05
4.443.002	Holder	Stainless steel	-	-

How to order:

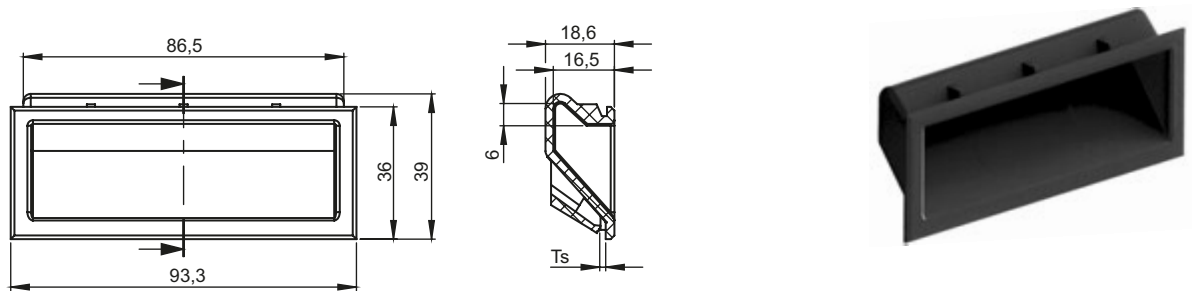
Catalogue number
Finish

4.443.001 — C

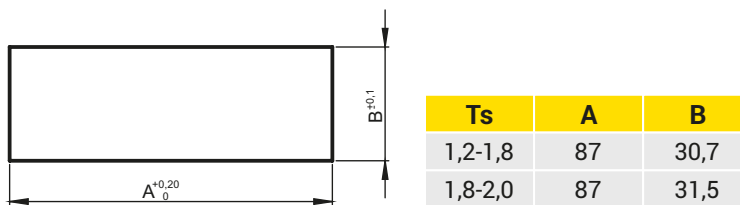


Thickness of metal sheet $T_s = 1,2 - 1,6\text{mm}$

CAT. NUMBER	MATERIAL	FINISH [C]
4.102.001	Polyamide PA6	RAL 9005 07

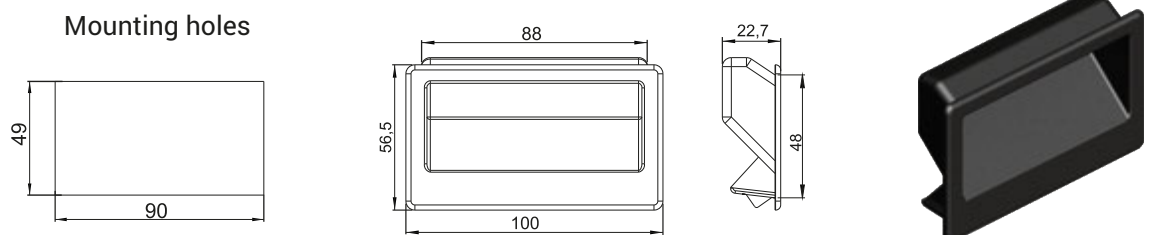


Mounting holes



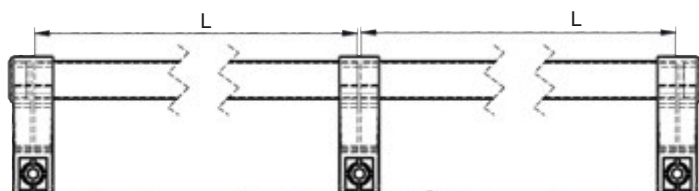
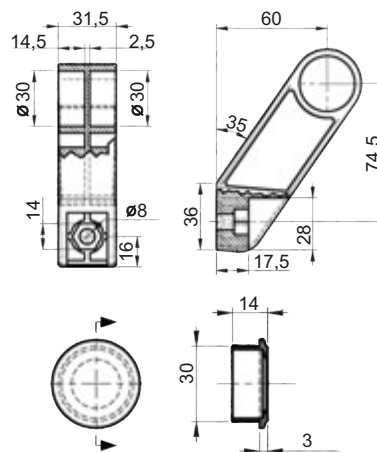
T_s - Thickness of metal sheet

CAT. NUMBER	MATERIAL	FINISH [C]
4.102.002	ABS	RAL 9005 07

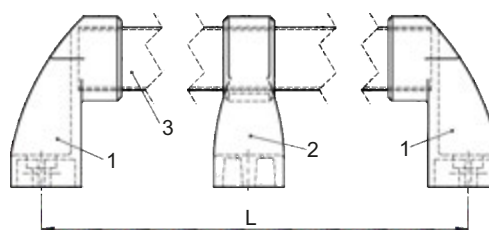


Thickness of metal sheet $T_s = 1,0 - 2,5\text{mm}$

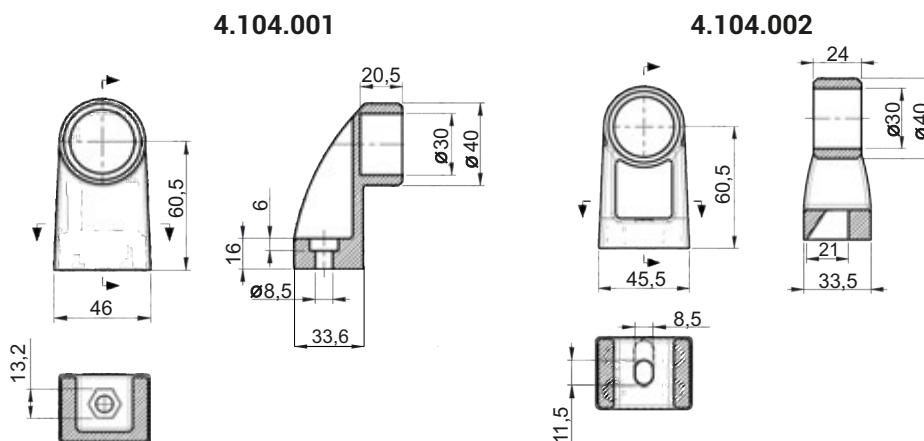
CAT. NUMBER	MATERIAL	FINISH [C]
4.470.001	Polyamide PA6	RAL 9005 07



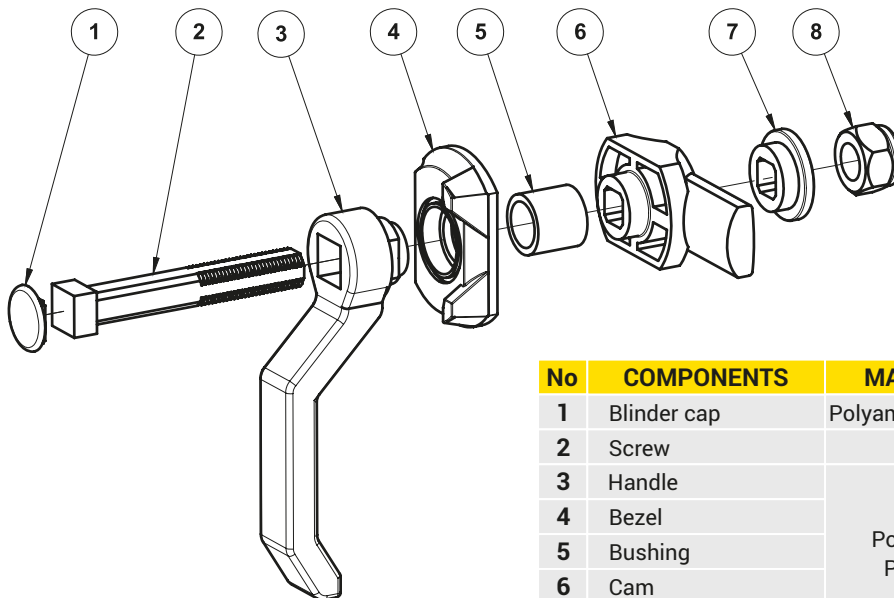
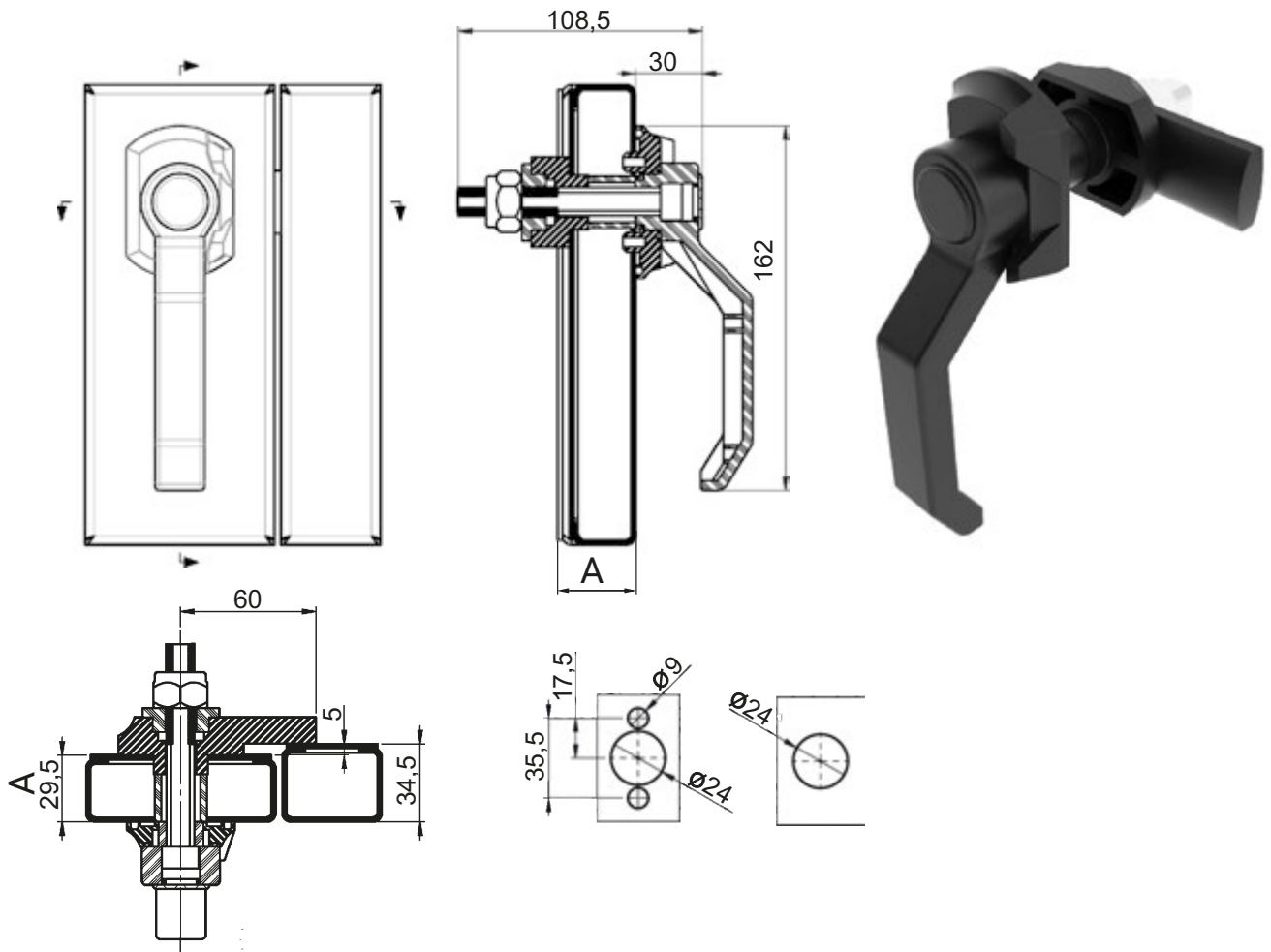
CAT. NUMBER	COMPONENTS	MATERIAL	FINISH [C]	
			RAL 9005	
4.103	Handle	Polyamide PA6	07	
	Bar	Aluminum	-	
HOLDER 4.103	L=200	L=300	L=400	L=500
PA	4.103.01	4.103.02	4.103.03	4.103.04
Aluminum	4.103.05	4.103.06	4.103.07	4.103.08



CAT. NUMBER	COMPONENTS	MATERIAL		
4.104	Handle	Aluminium		
HOLDER 4.104	L=200	L=300	L=400	L=500
	4.104.001.01	4.104.001.02	4.104.001.03	4.104.001.04



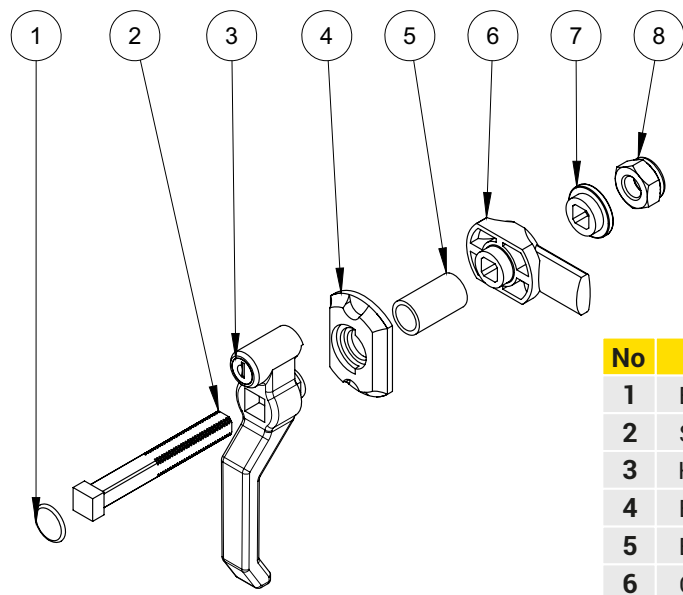
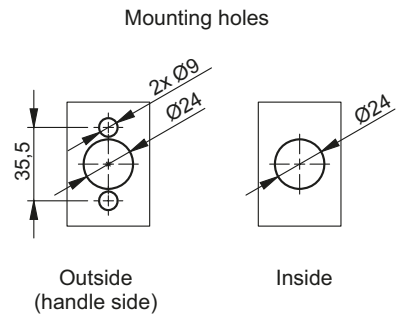
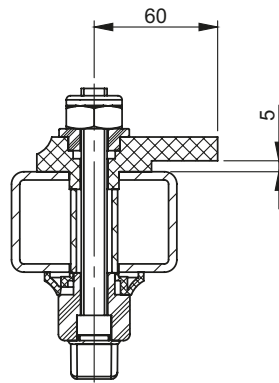
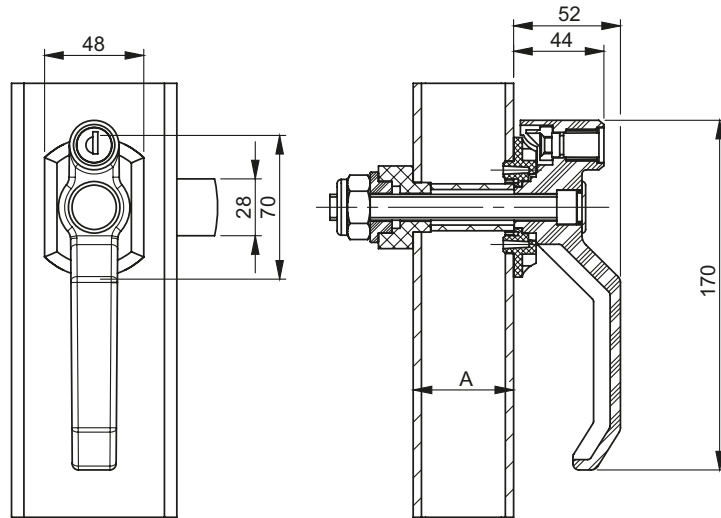
CAT. NUMBER	COMPONENTS	MATERIAL	FINISH [C]	
			RAL 9005	
4.104.001	Outside portion	Polyamide PA6	07	
4.104.002	Middle portion	Polyamide PA6	07	



No	COMPONENTS	MATERIAL
1	Blinder cap	Polyamide P6GF30
2	Screw	ZnAl
3	Handle	Polyamide P6GF30
4	Bezel	
5	Bushing	
6	Cam	
7	Washer	Steel zinc plated
8	Nut	

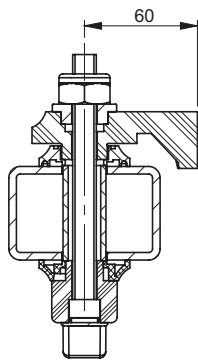
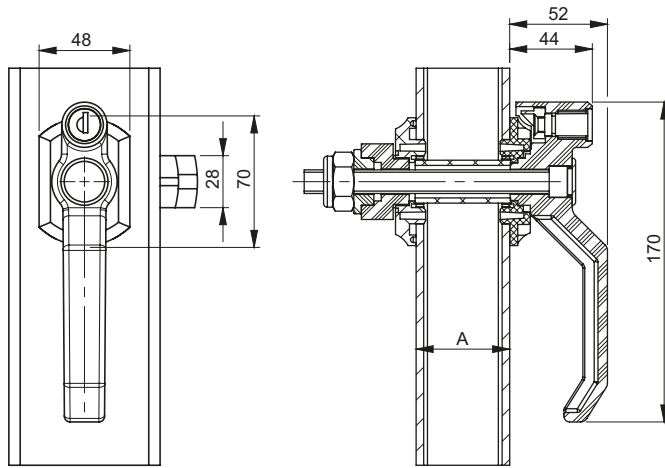
A Thickness door	180° Sign	90°turn Right	90°turn Left	FINISH [C]
				RAL 9005
30 mm	4.105.001	4.105.004	4.105.007	07
50 mm	4.105.002	4.105.005	4.105.008	
70 mm	4.105.003	4.105.006	4.105.009	

Left and right version on request. Delivery time 4-6 weeks.

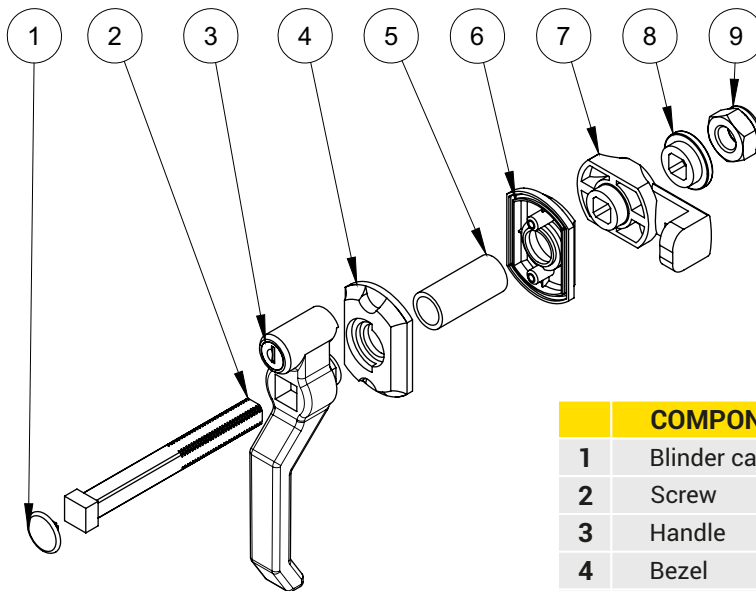
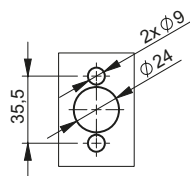


No	COMPONENTS	MATERIAL
1	Blinder cap	Polyamide P6GF30
2	Screw	ZnAl
3	Handle	Polyamide P6GF30
4	Bezel	
5	Bushing	
6	Cam	
7	Washer	
8	Nut	Steel zinc plated

CATALOGUE NUMBER	MAX. DOOR THICKNESS A [mm]	FINISH [C]
		RAL 9005
4.105.101	30	07
4.105.102	50	
4.105.103	70	

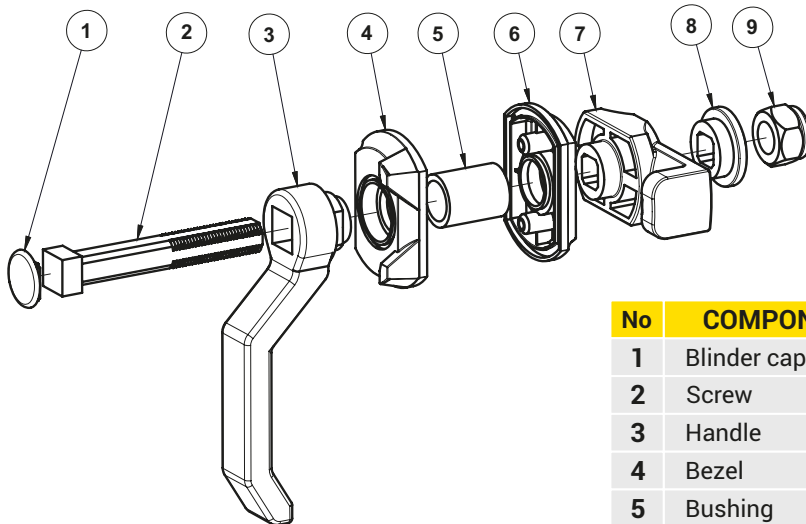
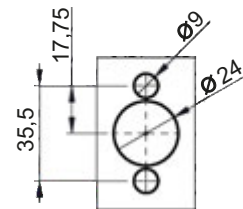
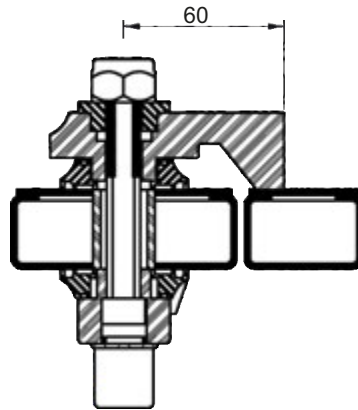
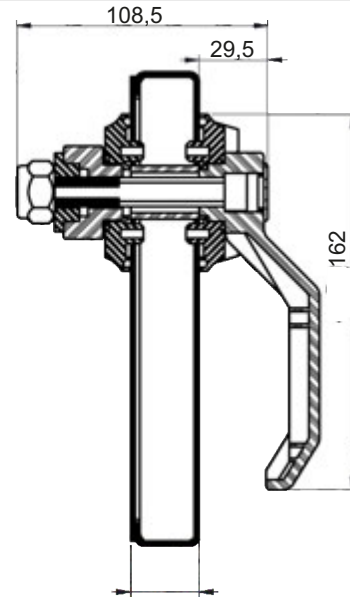
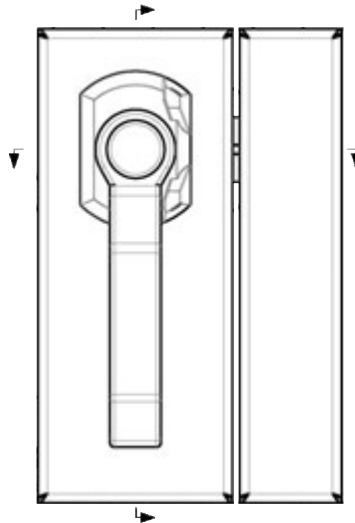


Mounting holes



	COMPONENTS	MATERIAL
1	Blinder cap	Polyamide P6GF30
2	Screw	ZnAl
3	Handle	Polyamide P6GF30
4	Bezel	
5	Bushing	
6	Cam	
7	Washer	
8	Nut	Steel zinc plated

CATALOGUE NUMBER	MAX. DOOR THICKNESS A [mm]	FINISH [C]
		RAL 9005
4.106.101	25	07
4.106.102	40	
4.106.103	50	



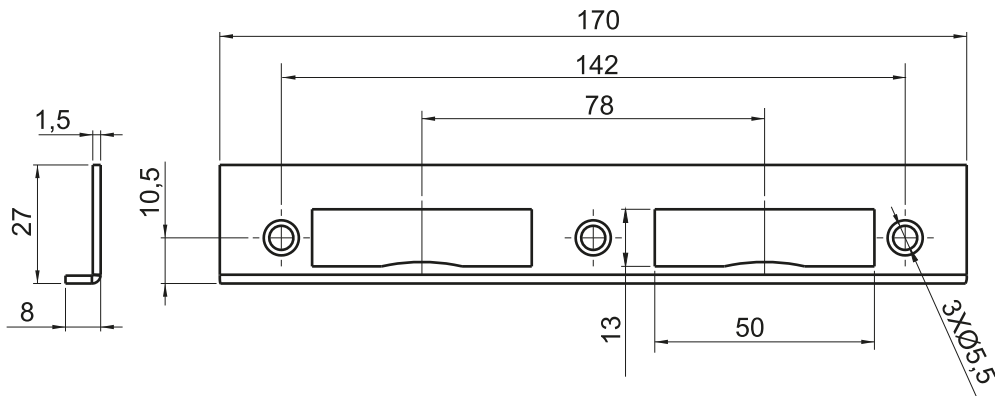
No	COMPONENTS	MATERIAL
1	Blinder cap	Polyamide P6GF30
2	Screw	Steel zinc plated
3	Handle	Polyamide P6GF30
4	Bezel	
5	Bushing	
6	Bezel	
7	Cam	
8	Washer	Steel zinc plated
9	Nut	

A Thickness door	180° Sign	90° turn Right	90° turn Left	FINISH [C]
				RAL 9005
25 mm	4.106.001	4.106.004	4.106.007	07
40 mm	4.106.002	4.106.005	4.106.008	
50 mm	4.106.003	4.106.006	4.106.009	

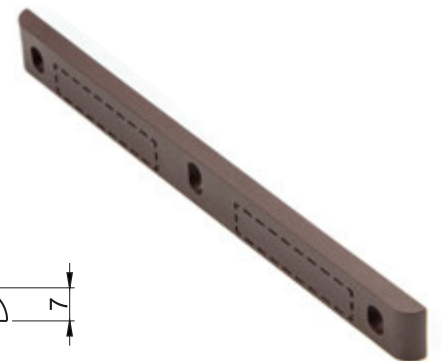
Left and right version on request. Delivery time 4-6 weeks.



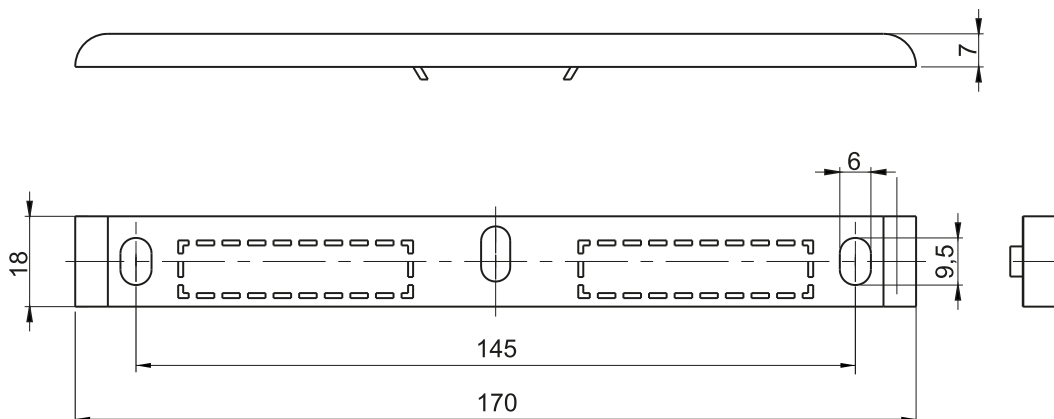
Latching element



CAT. NUMBER	MATERIAL
4.471.001	Steel zinc plated

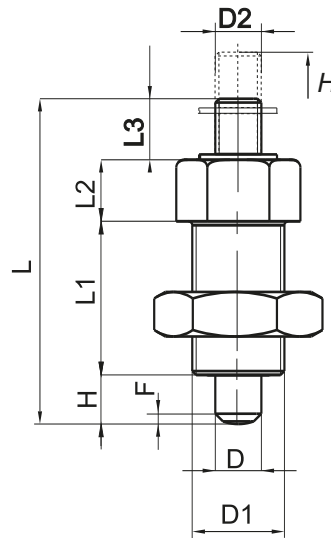


Masking element



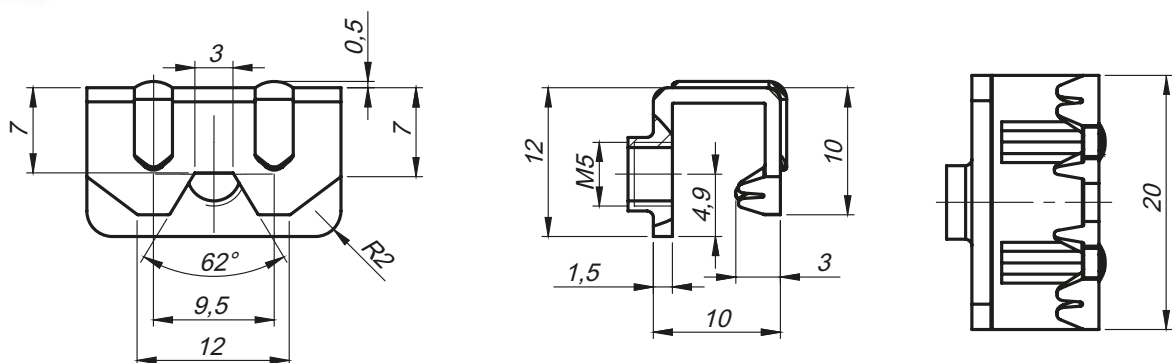
CAT. NUMBER	MATERIAL
4.472.001	Polipropylen - PP color - brown

Fixing pivot 4.427.001, 4.427.002



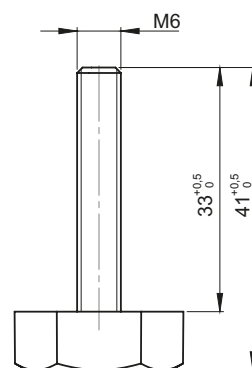
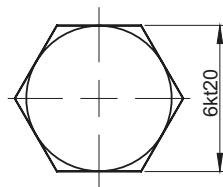
	D1	D2	D	L	L1	L2	L3	H	F
4.427.001	M12 x 1,5	M6	ø6	42	20	8	8	6	1 x 45°
4.427.002	M10 x 1	M4	ø5	37	17	7	7	5,6	0,7 x 45°

CAT. NUMBER	COMPONENTS	MATERIAL
4.427.001	Nut	Steel - oxidized
4.427.002	Housing	
	Pin	
	Cir clip	

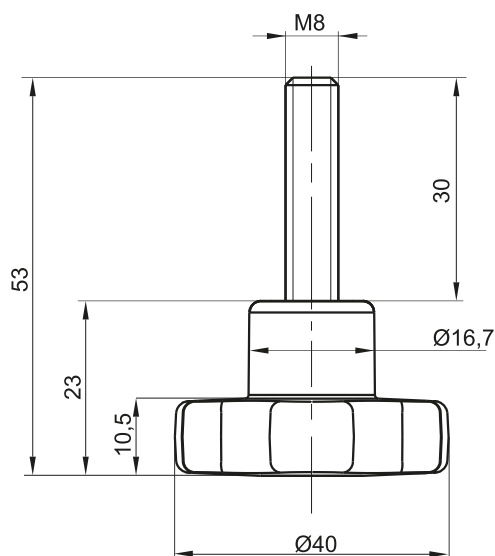


Complete clamp has a screw M5x8

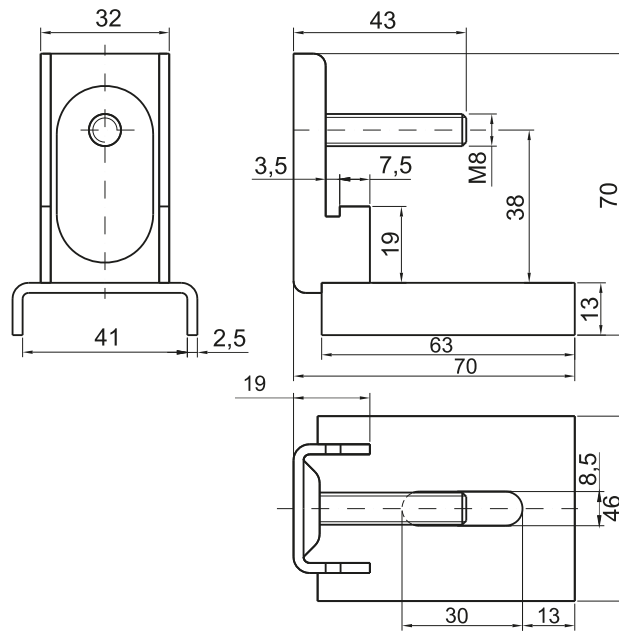
CAT. NUMBER	MATERIAL
4.426.001	Steel zinc plated



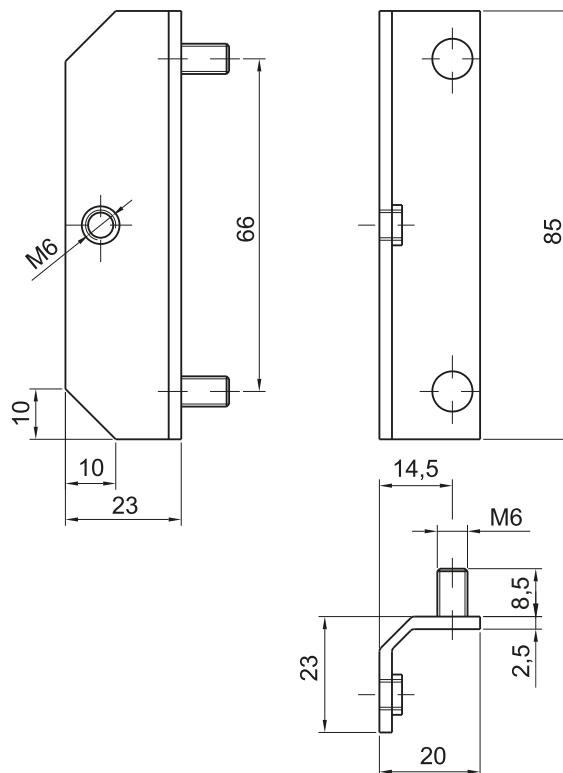
CAT. NUMBER	COMPONENTS	MATERIAL	FINISH [C]
			RAL 9005
4.404.001	Knob	Polyamide PA6	07
	Screw	Steel zinc plated	



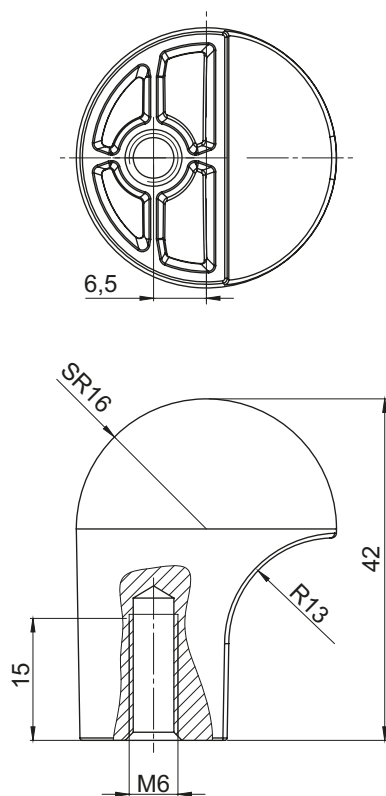
CAT. NUMBER	COMPONENTS	MATERIAL	FINISH [C]
			RAL 9005
4.428.001	Handle	Polyamide PA6 GF30	07
	Screw	Steel - oxidizing	



CAT. NUMBER	NAME	MATERIAL
4.412.001	Masking plate bracket	Steel zinc plated

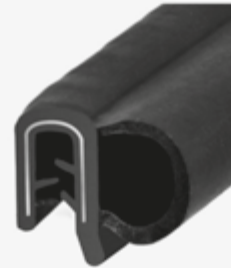
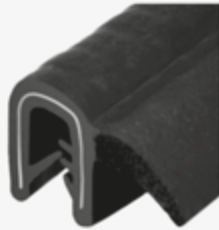
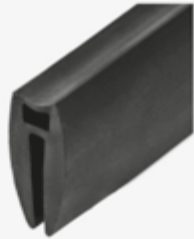


CAT. NUMBER	NAME	MATERIAL
4.413.001	Holder	Steel zinc plated



CATALOGUE NO.	DETAL	MATERIAL	FINISH [C]	
4.250.001	Handle	ZAMAK 5	Chrome	01
			Brass	12
			No coating	0

Gasketing profiles

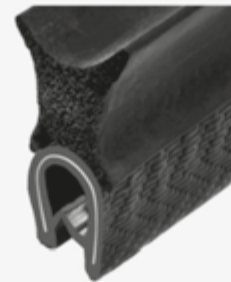
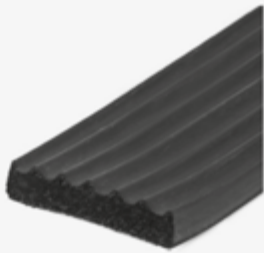


1

Locking systems

2

Locks
Latches

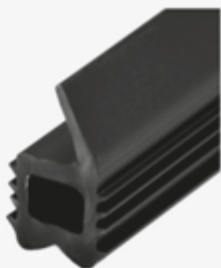


3

Hinges

4

Clamps



5


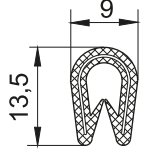

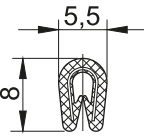
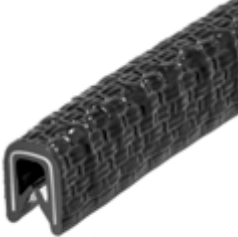
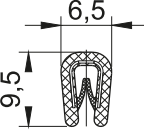
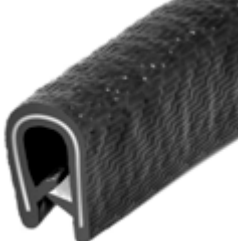
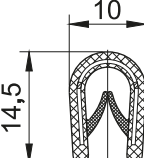

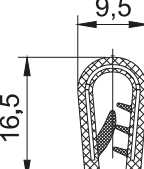
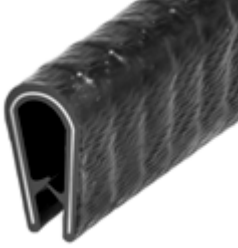
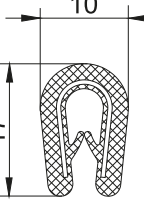
Accessories

6

Gasketing profiles

7

Custom products

	Design (section of gasket)	No of gasket	Clamping range [mm]	Colour	Material	Sales unit [m]
		UT-4	1,0-4,0	C	PCV	100
		UT-4.2	1,0-1,5	C	PCV	100
		UT-4.3.01	1,0-2,0	C	PCV	100
		UT-4.3.02	1,0-2,0	B	PCV	100
		UT-4.3.06	1,0-2,0	S	PCV	100
		UT-4.4.01	1,0-4,0	C	PCV	100
		UT-4.4.02	1,0-4,0	B	PCV	100
		UT-4.4.04	1,0-4,0	SC	PCV	100
		UT-4.4.05	1,0-4,0	SJ	PCV	100
		UT-4.5.2	1,0-2,5	C	PCV	100
		UT-4.5.4	2,0-4,0	C	PCV	100
		UT-4.5.6	4,0-6,0	C	PCV	100
		UT-4.6	1,0-4,0	C	PCV	100

C - black, B - white, S - gray, SJ - bright gray, SC - dark gray

* Time of delivery 5-6 weeks

	Design (section of gasket)	No of gasket	Clamping range [mm]	Colour	Material	Sales unit [m]
		UT-4.7	2,0-5,0	C	PCV	100
		UT-4.8.2	1,0-2,5	C	PCV	100
		UT-4.8.4	2,0-4,0	C	PCV	100
		UT-4.9.01	1,0-2,0	C	PCV	100
		UT-4.9.02	1,0-2,0	B*	PCV	100
		UT-4.9.03	1,0-2,0	C	PCV	100
		UT-4.10.2	2,0-4,0	C	PCV	100
		UT-3.8	6,0-8,0	C	PCV	100
		UT-3.10	8,0-10,0	C	PCV	100
		UT-2	1,7-2,3	C	PCV	25

C - black, B - white, S - gray, SJ - bright gray, SC - dark gray

* Time of delivery 5-6 weeks

	Design (section of gasket)	No of gasket	Clamping range [mm]	Colour	Material	Sales unit [m]
		UT-5	2,0	C	EPDM	100
		UT-5.1	3,0	C	EPDM	100
		UT-5.2	1,5	C	EPDM	100
		UT-5.3	5,0	C	EPDM	100
		UT-5.4	4,0	C	EPDM	100
		UT-5.5	5,0	C	EPDM	100
		UT-5.6	6,5	C	EPDM	100
		UT-5.7	3,0	C	EPDM	100


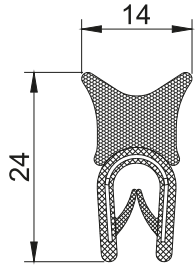

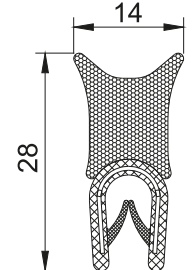

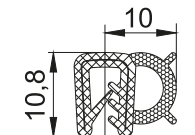

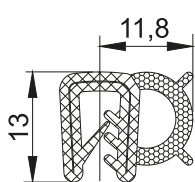

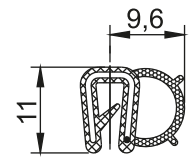
C - black, B - white, S - gray, SJ - bright gray , SC - dark gray

* Time of delivery 5-6 weeks

	Design (section of gasket)	No of gasket	Clamping range [mm]	Colour	Material	Sales unit [m]
		UT-30.1	1,0-2,5	C	EPDM	50
		UT-30.4	2,0-4,0	C	EPDM	50
		UT-30.2	1,0-3,0	C	EPDM	51
		UT-35	1,0-2,5	C	EPDM	50
		UT-35.1	1,0-3,0	C	EPDM	50


C - black, B - white, S - gray, SJ - bright gray, SC - dark gray
 * Time of delivery 5-6 weeks

 - EPDM  - PVC

	Design (section of gasket)	No of gasket	Clamping range [mm]	Colour	Material	Sales unit [m]
		UT-31	1,0-4,0	C	EPDM PCV	50
		UT-31.2	1,0-4,0	C	EPDM PCV	50
		UT-33	1,0-3,5	C	EPDM PCV	100
		UT-33.1	1,0-3,5	C	EPDM	100
		UT-33.2	1,0-2,0	C	EPDM	50

C - black, B - white, S - gray, SJ - bright gray, SC - dark gray
 * Time of delivery 5-6 weeks

 - EPDM  - PVC

	Design (section of gasket)	No of gasket	Clamping range [mm]	Colour	Material	Sales unit [m]
		UT-33.3	1,0-2,5	C	EPDM	100
		UT-33.4	1,0-2,5	C	EPDM	100
		UT-34	1,0-2,0	C	EPDM PCV	100
		UT-37	0,8-2,5	C	EPDM	50
		UT-37.1	2,0	C	EPDM	50
		UT-57A	2,0	C	EPDM	50

C - black, B - white, S - gray, SJ - bright gray, SC - dark gray
 * Time of delivery 5-6 weeks

 - EPDM  - PVC

	Design (section of gasket)	No of gasket	Clamping range [mm]	Colour	Material	Sales unit [m]
		UT-8	1,0-4,0	C	EPDM	25
		UT-8.2	1,5-3,0	C	EPDM	25
		UT-8.3	1,0-4,0	C	EPDM PCV	50
		UT-8.4	1,5-3,0	C	EPDM	50
		UT-8.5	2,0-5,0	C	EPDM PCV	50

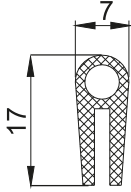
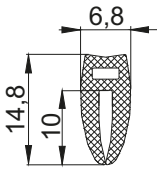
C - black, B - white, S - gray, SJ - bright gray, SC - dark gray
* Time of delivery 5-6 weeks

 - EPDM  - PVC

	Design (section of gasket)	No of gasket	Clamping range [mm]	Colour	Material	Sales unit [m]
		UT-8.6.4	2,0-4,0	C	EPDM	25
		UT-8.6.6	4,0-6,0	C	EPDM	25
		UT-8.7	1,0-3,5	C	EPDM	25
		UT-9.2	1,0-2,5	C	EPDM PCV	50
		UT-9.4	2,5-4,0	C	EPDM PCV	50
		UT-9.6	4,0-6,0	C	EPDM PCV	50
		UT-10.3	6,0	C	EPDM PCV	100

C - black, B - white, S - gray, SJ - bright gray, SC - dark gray
 * Time of delivery 5-6 weeks

 - EPDM  - PVC

	Design (section of gasket)	No of gasket	Clamping range [mm]	Colour	Material	Sales unit [m]
		UT-26A	2,0-3,0	C	EPDM	100
		UT-27	1,8	C	EPDM	50
		UT-32	1,0-3,0	C	EPDM	50
		UT-38	1,0-2,0	C	EPDM	50
		UT-42	0,5-1,5	C	EPDM	50
		UT-51	1,0-3,0	C	EPDM	50


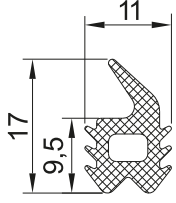

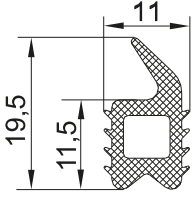

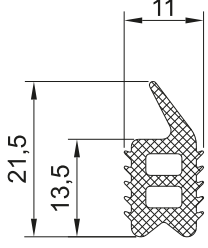

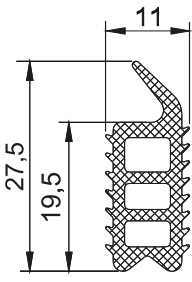
C - black, B - white, S - gray, SJ - bright gray, SC - dark gray
 * Time of delivery 5-6 weeks

 - EPDM  - PVC

	Design (section of gasket)	No of gasket	Clamping range [mm]	Colour	Material	Sales unit [m]
		UT-43	1,0-2,0	C	EPDM PCV	100
		UT-43B	1,0-2,0	C	EPDM	102
		UT-43.3	1,0-4,0	C	EPDM PCV	50
		UT-43.4	1,0-4,0	C	EPDM PCV	50
		UT-43.5.2	1,0-2,5	C	EPDM PCV	50
		UT-43.5.4	2,0-4,0	C	EPDM PCV	50
		UT-43.5.6	4,0-6,0	C	EPDM PCV	50


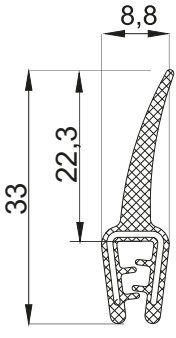

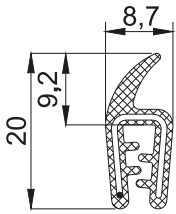

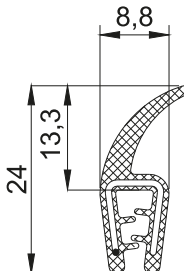

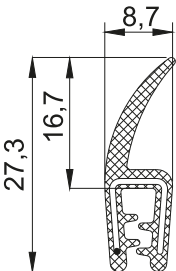
C - black, B - white, S - gray, SJ - bright gray, SC - dark gray
 * Time of delivery 5-6 weeks

- EPDM - PVC

	Design (section of gasket)	No of gasket	Clamping range [mm]	Colour	Material	Sales unit [m]
		UT-7	-	C	PCV	7x20m
		UT-7.1	-	C	PCV	7x20m
		UT-7.2	-	C	PCV	7x20m
		UT-7.3	-	C	PCV	5x20m


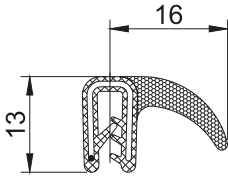

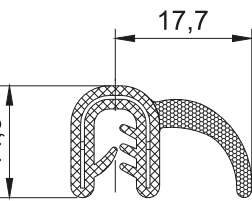

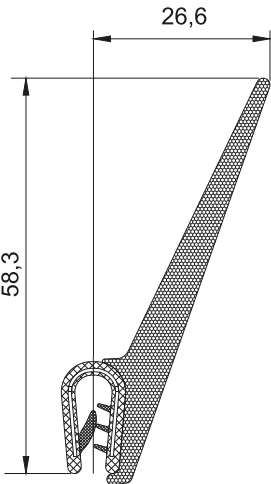
C - black, B - white, S - gray, SJ - bright gray, SC - dark gray
 * Time of delivery 5-6 weeks

 - EPDM  - PVC

	Design (section of gasket)	No of gasket	Clamping range [mm]	Colour	Material	Sales unit [m]
		UT-80	1,0-3,0	C	EPDM	50
		UT-80.2	1,0-2,0	C	EPDM	100
		UT-80.3	1,0-2,5	C	EPDM	100
		UT-80.4	1,0-3,0	C	EPDM	100

C - black, B - white, S - gray, SJ - bright gray, SC - dark gray
 * Time of delivery 5-6 weeks

 - EPDM  - PVC

	Design (section of gasket)	No of gasket	Clamping range [mm]	Colour	Material	Sales unit [m]
		UT-81.1	1,0-2,0	C	EPDM PCV	100
		UT-81.2	1,25-2,0	C	EPDM PCV	100
		UT-82.2	1,0-2,5	C	EPDM PCV	25
		UT-82.4	2,0-4,0	C	EPDM PCV	25
		UT-82.6	4,0-6,0	C	EPDM PCV	25

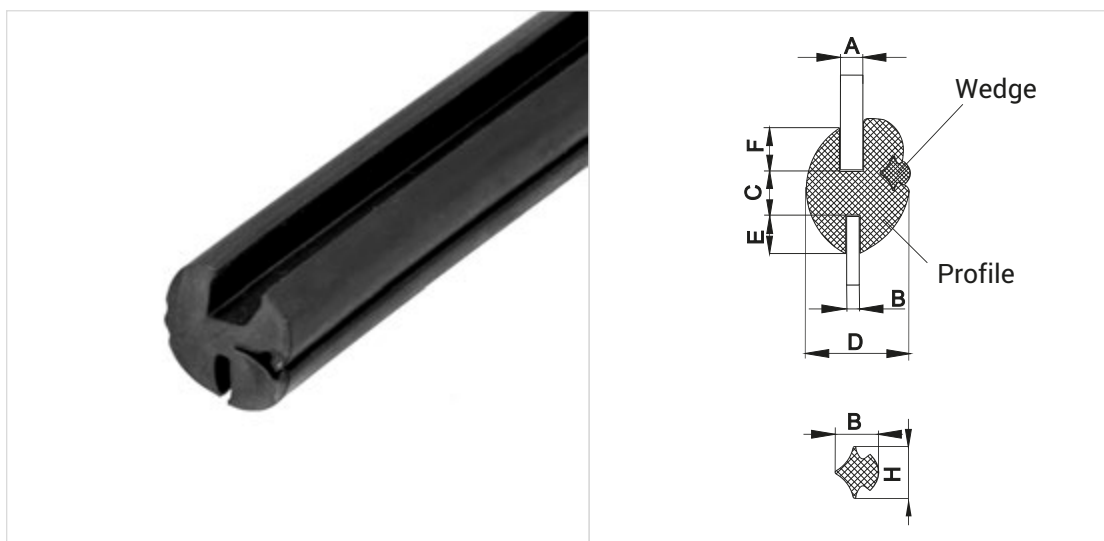
C - black, B - white, S - gray, SJ - bright gray, SC - dark gray
* Time of delivery 5-6 weeks

 - EPDM  - PVC

	Design (section of gasket)	No of gasket	Clamping range [mm]	Colour	Material	Sales unit [m]	
		USRE-10.04	-	C	EPDM	125	
		USRE-15.03	-	C	EPDM	100	
		USRE-15.04	-	C	EPDM	100	
		USRE-20.04	-	C	EPDM	50	
		USDE-14.12	-	C	EPDM	40	
		No of gasket	A width [mm]	B height [mm]	C	EPDM	
		USPE-05.03	5	3			10
		USPE-08.02	8	2			200
		USPE-08.03	8	3			10
		USPE-10.02	10	2			100
		USPE-10.03	10	3			10
		USPE-10.04	10	4			15
		USPE-10.05	10	5			10/15
		USPE-12.03	12	3			10
		USPE-12.04	12	4			10
		USPE-15.03	15	3			10
		USPE-15.04	15	4			10
		USPE-16.08	16	8			5
		USPE-18.05	18	5			15
		USPE-20.03	20	3			10
USPE-20.05	20	5	10				

C - black, B - white, S - gray, SJ - bright gray, SC - dark gray
 * Time of delivery 5-6 weeks

 - EPDM  - PVC



No of gasket	A	B	C	D	E	F	Sales unit [m]	Wedge	Material
US-838	3	1	4	11.6	4.5	6	20	US-328	EPDM
US-838.2	3	2	4	10.2	3	3	50	US-328.1	
US-838.3	4	1.5	4	13.6	5	6	25	US-328	
US-838.4	4	2	7.3	18	11	8.7	15	US-328.2	
US-838.5	4	3	4	12.6	5	6	25	US-328	
US-838.6	4	3	7	16	7	7	20	US-328.2	
US-838.7	4.5	5	7	16	7	7	20	US-328.2	
US-838.8	5	2	5	15	6	6	50	US-328.2	
US-838.9	5	3	7	19	8	8	20	US-328.2	
US-838.10	6	2.5	7	19	8	8	20	US-328.2	


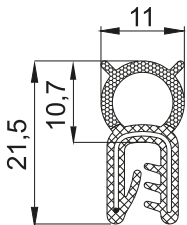

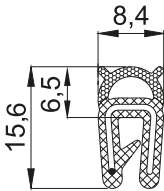

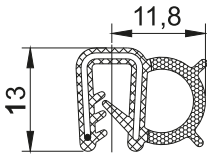
Wedge	H	B	Material	Colour
US-828	7,0	6,0	EPDM	C
US-828.1	5,5	4,5		
US-828.2	9,5	7,5		

Notice:
strengthening frame profile should be ordered
with the wedge
* wedge fixing tools to order with the manufacturer



C - black, B - white, S - gray, SJ - bright gray, SC - dark gray
* Time of delivery 5-6 weeks

Sealing profiles with shielding electromagnetic interference / RFI signals.

	Design (section of gasket)	No of gasket	Clamping range [mm]	Colour	Material	Sales unit [m]
		UT-32.EMV	1,0-3,0	C	EPDM*	100
		UT-38.EMV	1,0-2,0	C	EPDM*	100
		UT-57A.EMV	2,0	C	EPDM*	100

* Soft-sponge rubber with conductive overall coating and steel spring core.

C - black, **B** - white, **S** - gray, **SJ** - bright gray, **SC** - dark gray

* Time of delivery 5-6 weeks

Sealing profiles from UR group meets norm EN 45545

solid rubber (50,60,70 Shore A), classification R22/R23 HL3

sponge rubber (density 0,8 g / cm³), classification R22/R23 HL2

	Design (section of gasket)	No of gasket	Clamping range [mm]	Colour	Material	Sales unit [m]
		UR-4.9.01	1,0-2,0	C	PCV	100
		UR-4.4.01	1,0-4,0	C	PCV	100
		UR-33.2	1,0-2,0	C	EPDM	100
		UR-8.2	1,5-3,0	C	EPDM	100

C - black, B - white, S - gray, SJ - bright gray, SC - dark gray

* Time of delivery 5-6 weeks

Sealing profiles from UR group meets norm EN 45545

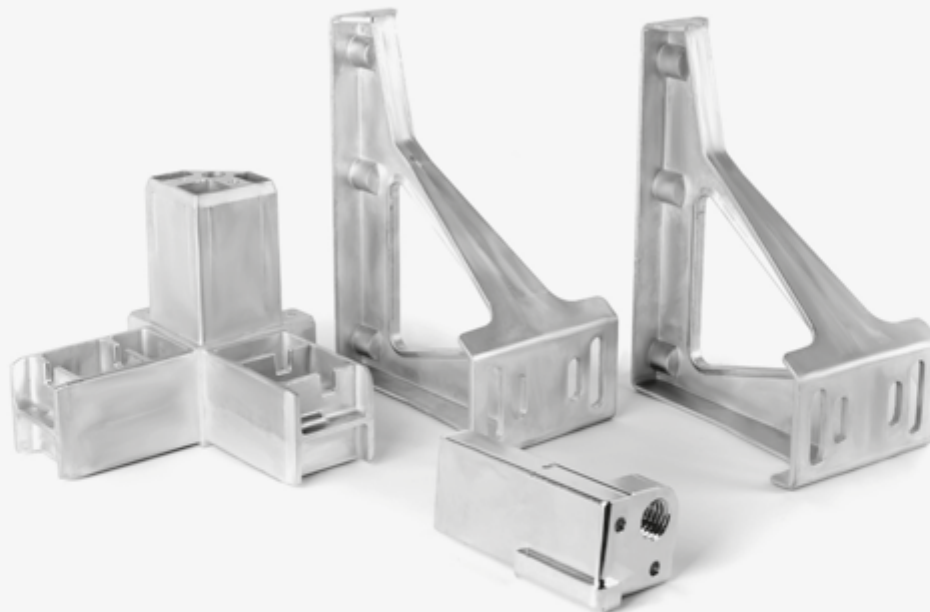
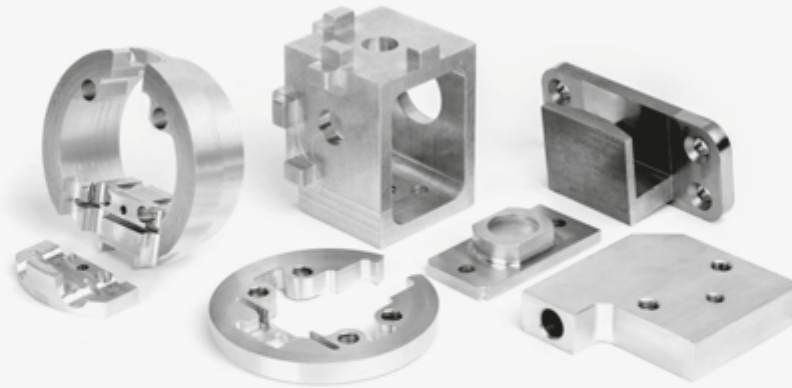
solid rubber (50,60,70 Shore A), classification R22/R23 HL3
 sponge rubber (density 0,8 g / cm³), classification R22/R23 HL2

	Design (section of gasket)	No of gasket	Clamping range [mm]	Colour	Material	Sales unit [m]
		UR-57A	2,0	C	EPDM	100
		UR-32	1,0-3,0	C	EPDM	100
		UR-38	1,0-2,0	C	EPDM	100
		UR-43.6	2,0-4,0	C	EPDM	100

C - black, B - white, S - gray, SJ - bright gray, SC - dark gray

* Time of delivery 5-6 weeks

Injection of zinc alloys



1

Locking systems

2

Locks
Latches

3

Hinges

4

Clamps

5

Accessories

6

Gasketing profiles

7

Custom products









A large grid of small grey dots covering the majority of the page, intended for taking notes.

[1A] LOCKING SYSTEMS

Anti panic lock.....	1A-8
Cogwheel mechanism distance.....	1A-10
Locking system for aluminum profile door.....	1A-7
Locking system of lock bolt.....	1A-9
Locking system outside the IP RW250.....	1A-11
Locking system outside the IP RW250.....	1A-12
Locking system with holes 50 x 25.....	1A-5
Locking system with holes 50 x 25.....	1A-6
Locking system with space between holes 105.....	1A-2
Locking system with space between holes 50/55.....	1A-3
Locking system with space between holes 50/55.....	1A-4
Locking systems with space between holes 95/105/130	1A-1
Rod strenghtening system.....	1A-10

[1B] SWINGHANDLE

1.RS-E elektronik lock.....	1B-9
RS100.....	1B-3
RS100/T.....	1B-3
RS100/U.....	1B-3
RS110.....	1B-4
RS130.....	1B-8
RS135.....	1B-8
RS140.....	1B-8
RS145.....	1B-8
RS150.....	1B-24
RS151MZ.....	1B-35
RS151N.....	1B-33
RS151N.....	1B-34
RS152MZ.....	1B-35
RS152N.....	1B-33
RS152N.....	1B-34
RS154.....	1B-23
RS160.....	1B-28
RS161.....	1B-29
RS168.....	1B-31
RS168/B.....	1B-31
RS169.....	1B-32
RS170.....	1B-32
RS173.....	1B-12
RS174.....	1B-30
RS175.....	1B-30
RS200.....	1B-3
RS200/T.....	1B-3
RS200/U.....	1B-3
RS210.....	1B-4
RS300.....	1B-22
RS400.....	1B-5
RS400/U.....	1B-5
RS400W.....	1B-5
RS400W/U.....	1B-5

RS420.....	1B-5
RS420/U.....	1B-5
RS420W.....	1B-5
RS430.....	1B-6
RS430/U.....	1B-6
RS500.....	1B-5
RS500/U.....	1B-5
RS500W.....	1B-5
RS500W/U.....	1B-5
RS510.....	1B-7
RS520.....	1B-5
RS520/U.....	1B-5
RS520W.....	1B-5
RS530.....	1B-6
RS530/U.....	1B-6
RS600.....	1B-11
RS610.....	1B-11
RS650.....	1B-10
RS700.....	1B-13
RS710.....	1B-13
RS715.....	1B-14
RS716.....	1B-14
RS717.....	1B-16
RS720.....	1B-17
RS730.....	1B-15
RS750.....	1B-22
RS761.....	1B-18
RS761.....	1B-21
RS762.....	1B-19
RS762.....	1B-21
RS763.....	1B-20
RS763.....	1B-21
RS770.....	1B-25
RS770.....	1B-26
RS800.....	1B-4
RS900.....	1B-7
RS950 swinghandle anti-theft.....	1B-27

Lock RW

RW100.....	1B-36
RW110.....	1B-36
RW200.....	1B-37
RW400/M.....	1B-17
RW400/N.....	1B-17
RW410/M.....	1B-17
RW410/N.....	1B-17
RW500.....	1B-37
RW510.....	1B-38
RW520.....	1B-38

Internal lock	
PANIK - ZWP	1B-1
PANIK - ZWP002	1B-2
ZW	1B-1
for passive door	1B-40
Lock ZWA1	1B-41
Mechanism for passive doors	1B-39

[1C] LOCKING SYSTEMS COMPONENTS

Adapter 1C.903	1C-23
Adapter 1C.916	1C-37
Bishing 1C.901	1C-23
Cam adapter JC-20018/36	1C-22
Cam	
1-point cam	1C-7
1-point cam	1C-18
1-point cam	1C-19
1-point cam JZ	1C-21
1-point cam with limiter	1C-8
1-point cam with limiter	1C-9
1-point cam without limiter	1C-10
1-point cam without limiter	1C-11
2-point cam without limiter	1C-13
3-point cam without limiter	1C-13
3-point cam	1C-14
3-point cam with limiter	1C-15
3-point cam with limiter	1C-16
3-point cam with limiter	1C-20
3-point cam without limiter	1C-17
Plastic cam	1C-12
ZAMAK JZN-10027/30	1C-22
Cap 1C.902	1C-23
Catch W314-70	1C-35
Catch	1C-31
Catch	1C-32
Catches W314	1C-34
Cogwheel mechanism	
MZ1	1C-24
MZ1	1C-25
MZ2	1C-26
MZ2	1C-27
MZ3	1C-28
MZ3	1C-29
Flat rod with rollers	1C-30
Flat rods ver. B	1C-33
Flat rods ver. C	1C-35
Flat rods ver. D	1C-36
Flat rods	1C-31
Flat rods	1C-32
Grip handle 1C.904	1C-36

Insert lock RS	1C-2
Shaped insert, WCM insert	1C-1
Rod guide Ø6	1C-5
Rod guide Ø8	1C-5
Rod guide P314	1C-6
Rod guide RW	1C-5
Rod Ø6	1C-3
Rod Ø8	1C-3
Rod Ø8	1C-4

[2A] LOCKS

Adapter 2.920	2A-102
Blockade	
2.901	2A-95
2.902	2A-94
2.903	2A-95
2.904	2A-94
2.905	2A-94
Cam JZ-3522	2A-55
Dust cover 2.904	2A-91
Explanation of open fields	2A-1
Handle for lock 2.905	2A-92
Information card	2A-2
Key	
2.KLB-X	2A-97
2.KL-D3S	2A-98
2.KLD5	2A-97
2.KL-D5S	2A-98
2.KLGZ	2A-96
2.KLT13	2A-97
2.KLT9	2A-97
2.KL-X	2A-99
2.KL-X.003	2A-98
KLC-X	2A-100
KLT-WF	2A-100
Lock	
2.501	2A-87
2.502	2A-88
2.503	2A-86
2.504	2A-83
2.505	2A-85
2.506	2A-58
2.507	2A-89
2.509	2A-78
2.510	2A-81
2.510	2A-82
2.511	2A-79
2.512	2A-88
2.521	2A-85
2.525	2A-52
2.526	2A-71

2.527	2A-52	M22DW22	2A-23
2.528	2A-51	M22EW	2A-26
2.529	2A-29	M22FW	2A-26
2.530	2A-50	M22GP4	2A-13
2.531	2A-70	M22GP5	2A-13
2.532	2A-70	M22IP	2A-30
2.533	2A-74	M22JR-SN	2A-45
2.540	2A-69	M22K	2A-14
2.544	2A-71	M22KW	2A-14
2.602	2A-4	M22MS	2A-25
2.603	2A-61	M22P	2A-11
2.604	2A-75	M22PM	2A-63
2.605	2A-69	M22PM.K	2A-56
2.605	2A-75	M22PW	2A-24
2.606	2A-73	M22R	2A-35
2.607	2A-73	M22SA	2A-42
2.608	2A-72	M22SC	2A-41
2.609	2A-72	M22SD22	2A-49
2.610	2-80	M22SD30	2A-39
2.611	2A-29	M22SD40	2A-40
2.612	2A-29	M22SE	2A-43
2.613.00	2A-76	M22SG	2A-44
2.615	2A-77	M22SK30	2A-46
2.616	2A-62	M22SK32	2A-47
2.630	2A-59	M22SP	2A-37
2.700 locking flap	2A-90	M22SP2	2A-38
2.800	2A-68	M22TR	2A-31
2.M19	2A-58	M22W	2A-22
AX	2A-101	M22W32	2A-23
CZ-E1	2A-35	M22ZD	2A-20
GE-0100	2A-36	M22ZD22	2A-20
GE-0101	2A-36	M22ZW	2A-21
M16	2A-4	M22ZW22	2A-21
M16/19	2A-5	M24	2A-17
M16/45	2A-4	M24B	2A-16
M16SD22	2A-48	M24C	2A-53
M19DC	2A-54	M24ZN	2A-17
M19W	2A-27	RW300 with knob	2A-65
M22-1	2A-6	With handle L	2A-66
M22-2	2A-7	With handle T	2A-67
M22-3	2A-8	Z-0233	2A-28
M22-30	2A-18	Z-2106	2A-28
M22-5	2A-12	ZG	2A-101
M22-60	2A-19	ZZ1	2A-86
M22B	2A-15	ZZR18	2A-32
M22BK	2A-57	ZZR18.010	2A-33
M22D	2A-10	ZZR19	2A-32
M22DC	2A-54	ZZR28	2A-32
M22D-M	2A-61	ZZR28/S	2A-34
M22-DU	2A-9	ZZR38	2A-32
M22DW	2A-24	ZZR50	2A-32

3.ST24.....	3B-30	3.ST102.....	3A-53
3.ST24-34.....	3B-30	3.ST104.....	3B-39
3.ST25.....	3B-41	3.ST105.....	3B-24
3.ST26.....	3B-36	3.ST108.....	3A-43
3.ST26.....	3B-37	3.ST109.003 fire door hinge.....	3A-32
3.ST27.....	3B-3	3.ST109.004 fire door hinge.....	3A-32
3.ST27-1.....	3B-3	3.ST109.007.....	3A-33
3.ST28.....	3A-43	3.ST109.009.....	3A-34
3.ST29.....	3A-53	3.ST109.100.....	3A-35
3.ST30.....	3A-37	3.ST109.101.....	3A-35
3.ST31.....	3B-19	3.ST112.....	3B-24
3.ST32.....	3B-10	3.ST115.....	3B-4
3.ST33.....	3B-19	3.ST116.....	3A-45
3.ST34.....	3B-19	3.ST117.....	3A-41
3.ST35.....	3A-38	3.ST118.....	3B-22
3.ST35-1.....	3A-38	3.ST119.....	3B-23
3.ST35-2.....	3A-40	3.ST120.....	3B-21
3.ST37.....	A-42	3.ST121.....	3B-23
3.ST38.....	3B-20	3.ST125.....	3A-36
3.ST39.....	3B-20	3.ST133.....	3A-39
3.ST40.....	3B-16	3.ST300.....	3B-47
3.ST41.....	3B-16	3.ST551.....	3B-44
3.ST42.....	3A-26	3.ST552.....	3B-44
3.ST43.....	3B-8	3.ST553.....	3B-45
3.ST43.....	3B-9	3.ST556.....	3B-15
3.ST46.....	3B-26	3.ST557.....	3B-15
3.ST46.....	3B-27	3.ST558.....	3B-45
3.ST47.....	3B-5	3.STZH2.....	3A-49
3.ST48.....	3A-42	3.STZH3.....	3A-49
3.ST49.....	3A-46	TA60.....	3B-32
3.ST50.....	3B-38	3.ZN1.....	3A-1
3.ST53.....	3A-48	3.ZN2.....	3A-1
3.ST54.....	3B-3	3.ZN3.....	3A-2
3.ST55.....	3A-42	3.ZN4.....	3A-2
3.ST56.....	3A-44	3.ZN10.....	3A-19
3.ST56-2.....	3A-45	3.ZN20.....	3A-46
3.ST58.....	3A-40	3.ZN48-PA.....	3A-17
3.ST60.....	3B-31	3.ZN60.....	3A-4
3.ST65.....	3B-31	3.ZN65.....	3A-8
3.ST67.....	3B-33	3.ZN66.....	3A-9
3.ST73.....	3A-49	3.ZN67.....	3A-14
3.ST76.....	3B-13	3.ZN68.....	3A-14
3.ST79.....	3B-39	3.ZN70.....	3A-54
3.ST81.100.....	3B-32	3.ZN.75.....	3A-54
3.ST81.....	3B-34	3.ZN80.....	3A-56
3.ST84.....	3B-34	3.ZN90.....	3A-55
3.ST89.....	3B-40	3.ZN100.....	3A-55
3.ST94.....	3B-32	3.ZN105.....	3A-20
3.ST95.....	3B-21	3.ZN110.....	3A-3
3.ST96.....	3B-35	3.ZN115.....	3A-3
3.ST100.....	3B-25	3.ZN120.....	3A-23

3.ZN130	3A-24
3.ZN140	3A-25
3.ZN150	3A-57
3.ZN151	3A-48
3.ZN152	3A-48
3.ZN154	3A-58
3.ZN154	3A-59
3.ZN155	3A-47
3.ZN200	3A-19

[4] CLAMPS

Screw clamps v-klema type

Single aluminum

25-120SW	4-1
35-240SW	4-1
50-240SW	4-1
70-300SW	4-1
95-300SW	4-1
25-120SW-B	4-1
50-300SW-B*	4-1
95-300SW-B	4-1
35-240SW-C	4-1
50-240SW-C	4-1

Double aluminum

2/25-120SW	4-2
2/50-240SW	4-2
2/70-300SW	4-2
2/25-120SW-B	4-2
2/35-300SW-B	4-2

Aluminum

16-120SW	4-3
10-150.SW.A	4-3
10-150.SW.B	4-3
10-150.SW.C	4-3

HM steel single

HM 6-50	4-4
HM 10-95/A	4-4
HM 10-95/B	4-4
HM 10-95/C	4-4
HM 25-150/A	4-4
HM 25-150/B	4-4
HS 6-50	4-4
HS 10-95	4-4

HS steel single

HS 25-240	4-5
HS 50-240	4-5
HS 70-300	4-5
HS 35-300-B	4-5
HS 50-300-B	4-5

HS 120-300	4-5
HS steel double	
HS 2/50-240	4-6
HS 2/50-240-B	4-6
HS 2/70-240-C	4-7
HS 2/70-240-D	4-7
HS 2/70-300	4-7

HM steel double

HM 2/10-70-A	4-8
HM 2/10-70-B	4-8

Connecting deviceRBK LZ6V

4.601	4-9
-------------	-----

Terminals, clamps

4.405	4-11
4.406	4-11
4.603	4-10

Cable clasp 4.460

Cable clasp 4.461

Cable clasp 4.462

V-klema covers, surge protection clamp

4.402	4-12
4.403	4-12
4.520	4-12

Knurled nuts

NR.01	4-13
NR.02	4-13
NR.03	4-13
NR.04	4-13
NR.05	4-13

Assembling busbar

4.480	4-14
-------------	------

[5] ACCESSORIES

Adjustable feet

4.431	5-6
4.510	5-7
4.511	5-7
4.512	5-7
4.513	5-8
4.514	5-8
4.515	5-8
4.516	5-9
4.517	5-9
4.518	5-9

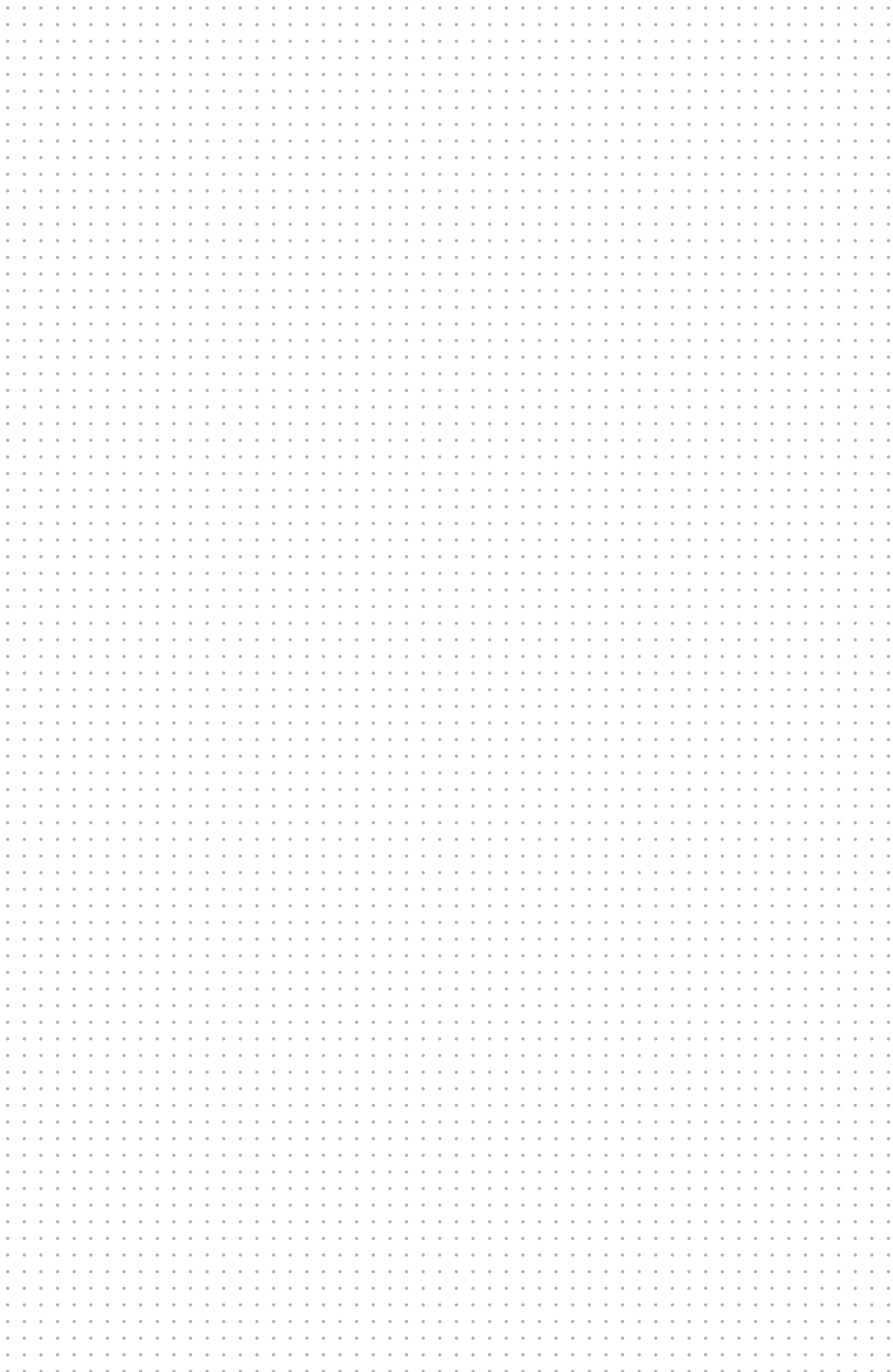
Adjustable lever 4.530

Air vent

4.107	5-23
4.108	5-23
4.109	5-23

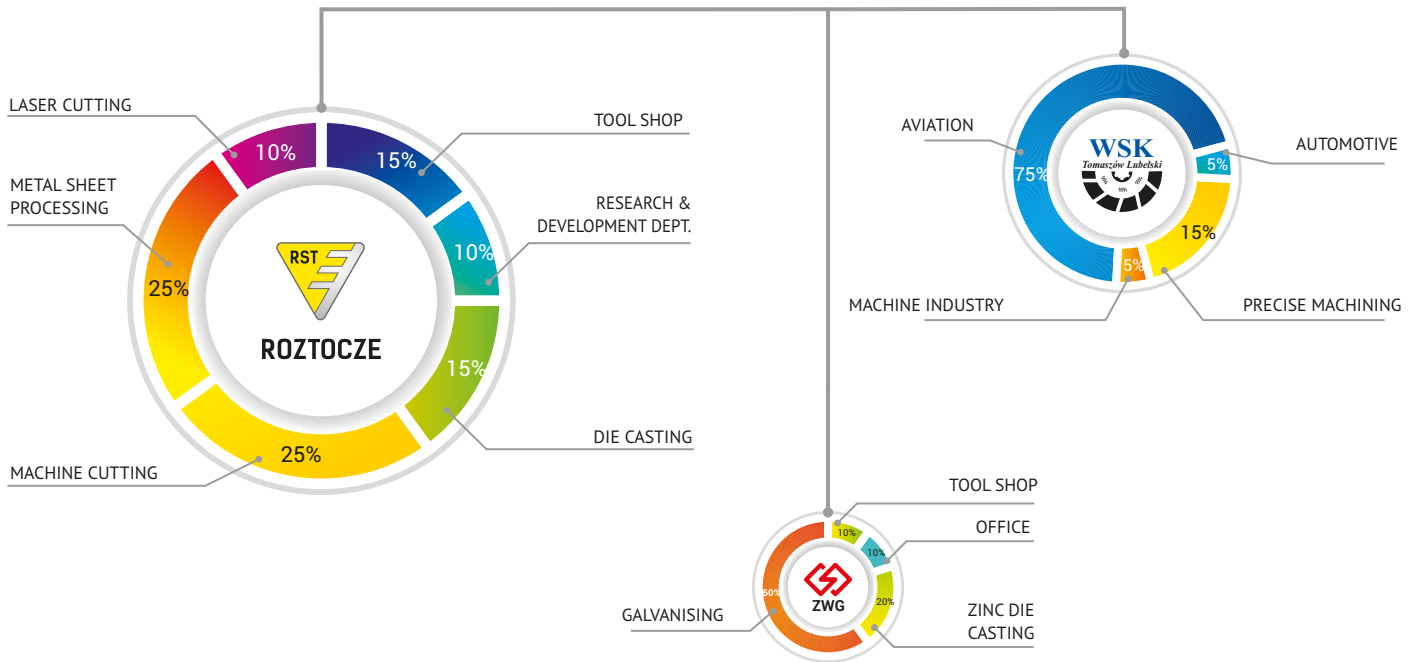
Box holder 4.410	5-14	Transparent window	
Bridge clamp system 4.411	5-4	4.110-114	5-20
Bridge clamp system 4.419	5-5	4.423	5-20
Clamp 4.426	5-37	4.423	5-21
Connector 4.429	5-5	4.425	5-22
Connector 4.500	5-2	Trapezium nut 4.409	5-14
Dokument pocket 4.420	5-19		
Door bockade 4.401	5-11		
Door bockade 4.401.20X	5-13		
Drawer handle 4.443	5-29		
Fixing pivot 4.427	5-37		
Frame connector 4.422	5-17		
Handle		[6] GASKETING PROFILES	
4.102	5-30	UT-2	6-2
4.103	5-31	UT-3.8	6-2
4.104	5-31	UT-3.10	6-2
4.250	5-40	UT-4	6-1
4.413	5-39	UT-4.2	6-1
4.414	5-1	UT-4.3.01	6-1
4.415	5-1	UT-4.3.02	6-1
4.440	5-24	UT-4.3.06	6-1
4.441	5-24	UT-4.4.01	6-1
4.444	5-28	UT-4.4.02	6-1
4.446	5-27	UT-4.4.04	6-1
4.447	5-26	UT-4.4.05	6-1
4.448	5-26	UT-4.5.2	6-1
4.470	5-30	UT-4.5.4	6-1
PA 4.444	5-25	UT-4.5.6	6-1
		UT-4.6	6-1
		UT-4.7	6-2
		UT-4.8.2	6-2
		UT-4.8.4	6-2
		UT-4.9.01	6-2
		UT-4.9.02	6-2
		UT-4.9.03	6-2
		UT-4.10.2	6-2
		UT-5	6-3
		UT-5.1	6-3
		UT-5.2	6-3
		UT-5.3	6-3
		UT-5.4	6-3
		UT-5.5	6-3
		UT-5.6	6-3
		UT-5.7	6-3
		UT-7	6-11
		UT-7.1	6-11
		UT-7.2	6-11
		UT-7.3	6-11
		UT-8	6-7
		UT-8.2	6-7
		UT-8.3	6-7
		UT-8.4	6-7
		UT-8.5	6-7
		UT-8.6.4	6-8
		UT-8.6.6	6-8
Holder with seal 4.416	5-3		
Holder with seal 4.417	5-3		
Installation nut 4.501	5-2		
Knob 4.404	5-38		
Knob 4.428	5-38		
Latching element 4.471	5-36		
Masking element 4.472	5-36		
Masking plate bracket 4.412	5-39		
Metal handle 4.442	5-29		
Padlock 4.KDZN.100	5-16		
Padlock	5-15		
Profile 4.450	5-17		
Profile 4.450	5-18		
Quick connector 4.600	5-16		
Screw 4.430	5-14		
Telescopic blockade 4.401	5-12		

UT-8.7	6-8	USPE-08.02.....	6-14
UT-9.2	6-8	USPE-08.03.....	6-14
UT-9.4	6-8	USPE-10.02.....	6-14
UT-9.6	6-8	USPE-10.03.....	6-14
UT-10.3.....	6-8	USPE-10.04.....	6-14
UT-26A.....	6-9	USPE-10.05.....	6-14
UT-27	6-9	USPE-12.03.....	6-14
UT-30.1	6-4	USPE-12.04.....	6-14
UT-30.2	6-4	USPE-15.03.....	6-14
UT-30.4	6-4	USPE-15.04.....	6-14
UT-35	6-4	USPE-16.08.....	6-14
UT-35.1	6-4	USPE-18.05.....	6-14
UT-31	6-5	USPE-20.03.....	6-14
UT-31.2	6-5	USPE-20.05.....	6-14
UT-32	6-9		
UT-33	6-5	Assembly profile	
UT-33.1	6-5	US-828	6-15
UT-33.2	6-5	US-828.1	6-15
UT-33.3	6-6	US-828.2	6-15
UT-33.4	6-6	US-838	6-15
UT-34	6-6	US-838.2	6-15
UT-37	6-6	US-838.3	6-15
UT-37.1	6-6	US-838.4	6-15
UT-38	6-9	US-838.5	6-15
UT-42	6-9	US-838.6	6-15
UT-43	6-10	US-838.7	6-15
UT-43B.....	6-10	US-838.8	6-15
UT-43.3	6-10	US-838.9	6-15
UT-43.4	6-10	US-838.10.....	6-15
UT-43.5.2.....	6-10		
UT-43.5.4.....	6-10	EMV gasketing material	
UT-43.5.6.....	6-10	UT-32.EMV	6-16
UT-57A.....	6-6	UT-38.EMV	6-16
UT-51	6-9	UT-57A.EMV.....	6-16
UT-80	6-12		
UT-80.2.....	6-12	Sealing profiles UR group	
UT-80.3.....	6-12	UR-4.4.01	6-17
UT-80.4.....	6-12	UR-4.9.01	6-17
UT-81.1	6-13	UR-8.2	6-17
UT-81.2	6-13	UR-32	6-18
UT-82.2.....	6-13	UR-33.2	6-17
UT-82.4.....	6-13	UR-38	6-18
UT-82.6.....	6-13	UR-43.6	6-18
		UR-57A.....	6-18
Self-Adhesive Profile			
USRE-10.04.....	6-14	[7] CUSTOM PRODUCTS	
USRE-15.03.....	6-14	Sheet metal forming	7-3
USRE-15.04.....	6-14	Machining.....	7-1
USRE-20.04.....	6-14	Machining.....	7-2
USDE-14.12.....	6-14	Custom products.....	7-4
USPE-05.03.....	6-14	Injection of zinc alloys	7





GROUP RST





ROZTOCZE

ROZTOCZE Z.U.P. Roman Rak
22-600 Tomaszów Lubelski, POLAND
ul. Zamojska 42A
Tel. +48 84 664 35 02
Fax +48 84 664 74 78
NIP 921-000-12-23
Email: rst@roztocze.eu
www.roztocze.eu

