

# INDUSTRIAL LOCKING SYSTEMS



**ROZTOCZE**

## APPLICATION SECTORS



**ENERGY INDUSTRY**



**Steel Clamps**



**Swinghandles**



**RAILWAY TRANSPORT**



**Locks**



**Stainless Steel Hinges**



**ICT**



**Concealed Hinges**



**Mechatronic Locks**



**HVAC INDUSTRY**



**Sealing Profiles**



**TRANSPORTATION INDUSTRY**



**Vibration Resistant Locks**



**Joint hinges**



**MACHINE INDUSTRY**



**Toggle Latches**



**Handles**

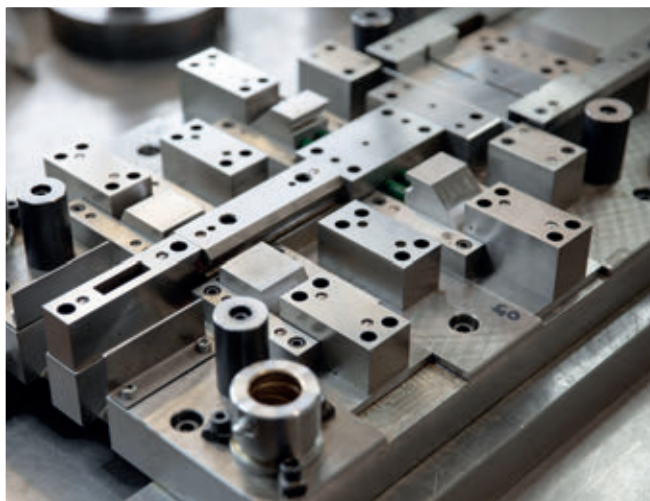




Roztocze is a leading manufacturer of industrial closures in Europe. We offer our customers a wide range of products such as: locks, hinges, clamps, latches, gaskets, handles and customized solutions. Our as-

sortment is used in the power industry, telecommunications, HVAC, construction, railways, automotive, machinery, marine and road industries.

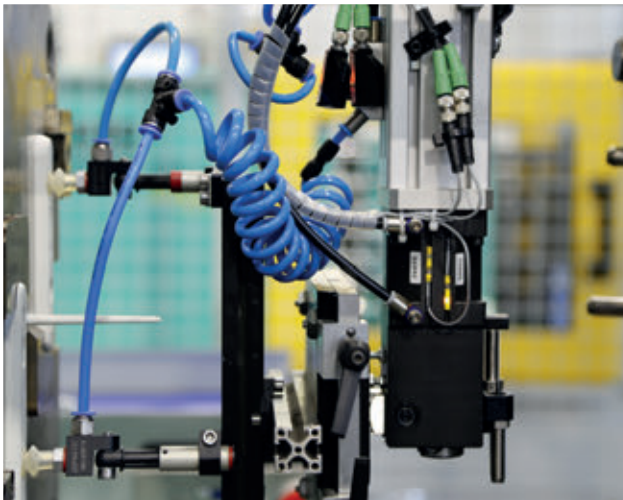
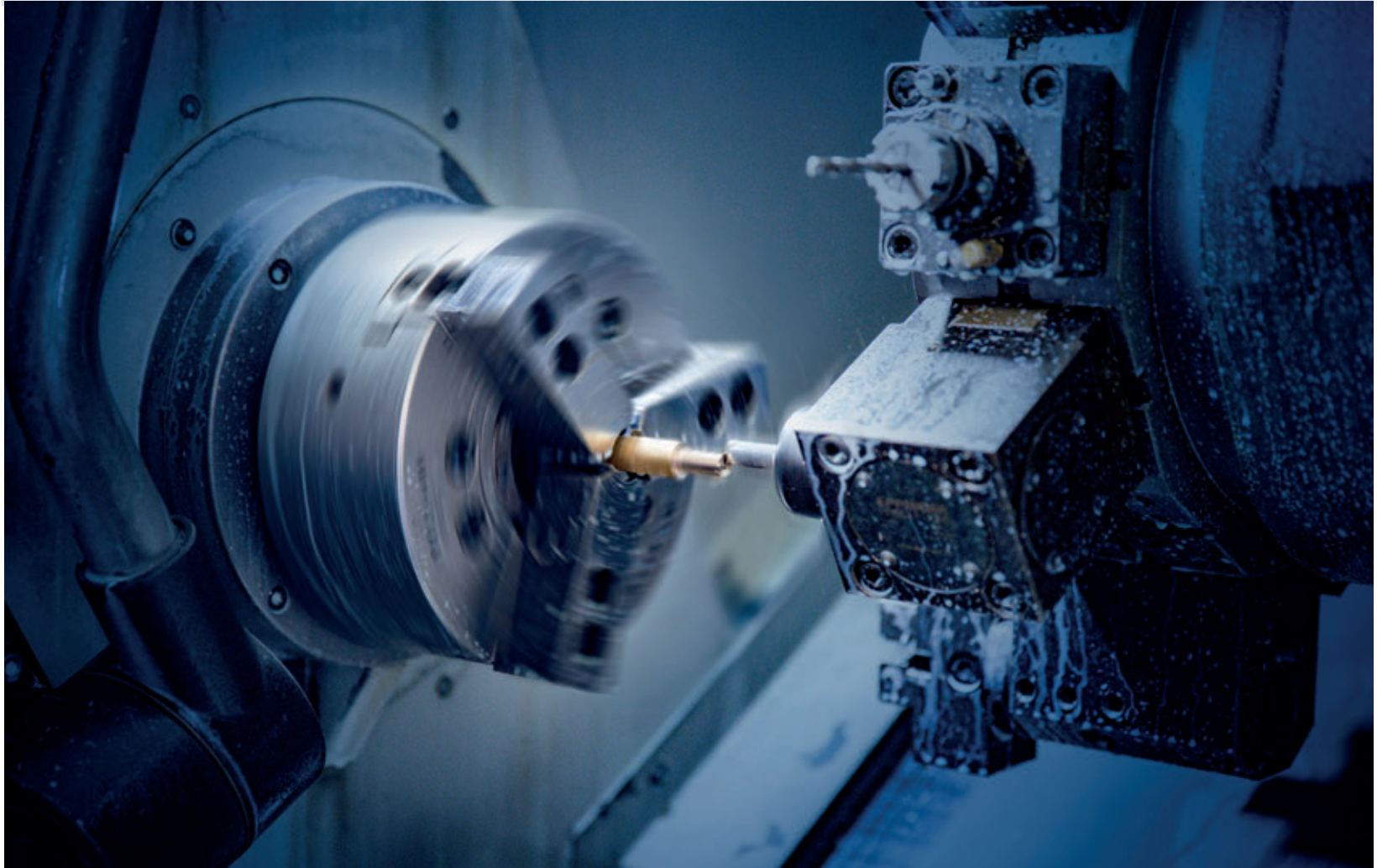




Since the beginning of its activity, the company has been focused on individual customer needs and industry demands for almost 30 years. Using our experience, modern machine park with CNC machi-

ne tools and our own Tool Room, we provide a broad range of design solutions trying to ensure that our ideas meet the needs of the market.





In our offer there are over 5,000 products manufactured in the Polish location in Tomaszów Lubelski. We employ over 760 people on 20 000 m<sup>2</sup> of production area and use over 300 CNC numerical machines.

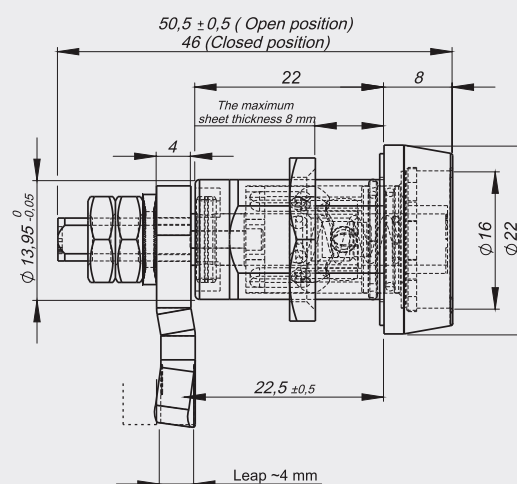
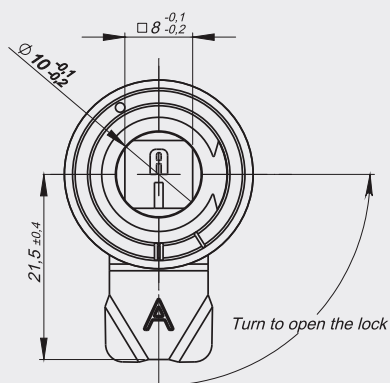
The support we provide to our business partners at the technological level allows them to gain market advantage and build brands of their products based on technological and quality-oriented features.





We achieve the highest quality of services by monitoring and auditing ISO 9001 quality systems and the knowledge and skills of our team.

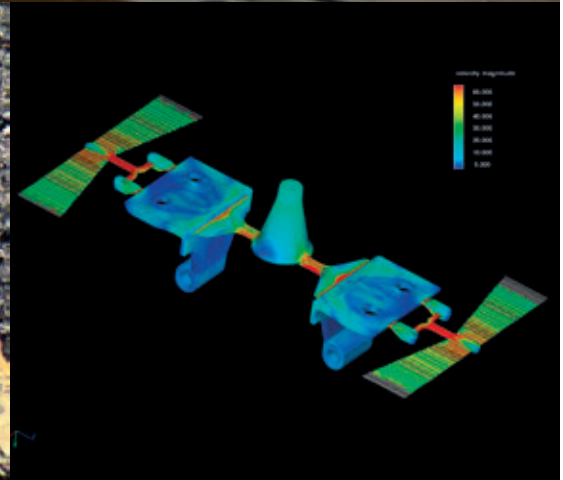
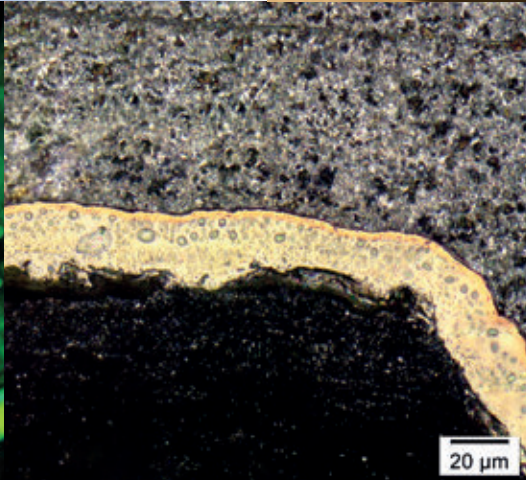
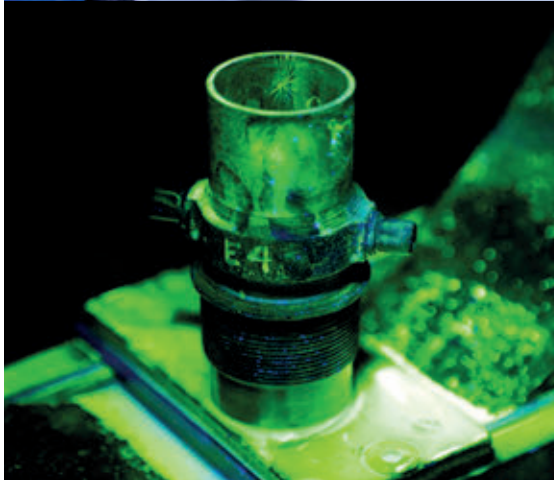




With the use of modern technologies, we offer our customers professional technological and engineering support in the areas of foundry of zinc alloys (ZAMAK),

plastic injection, CNC machining, plastic and laser sheet metal processing, die-cutting and injection moulding as well as final machining.

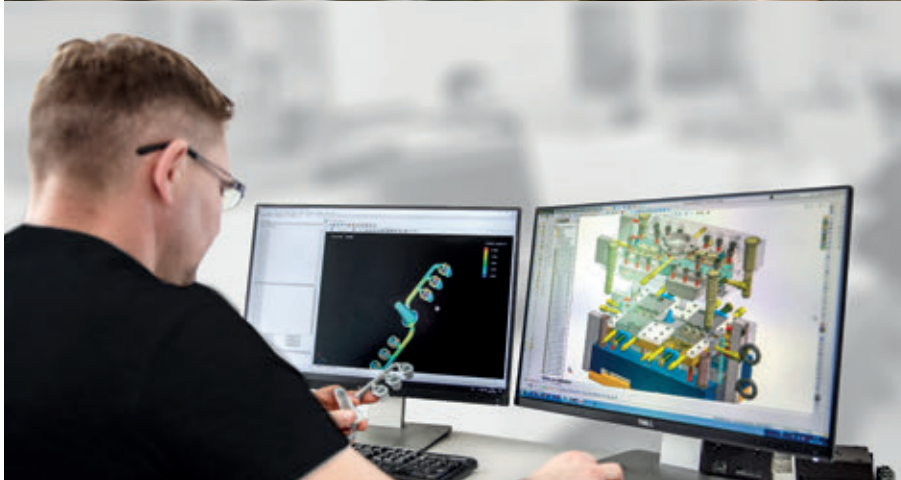
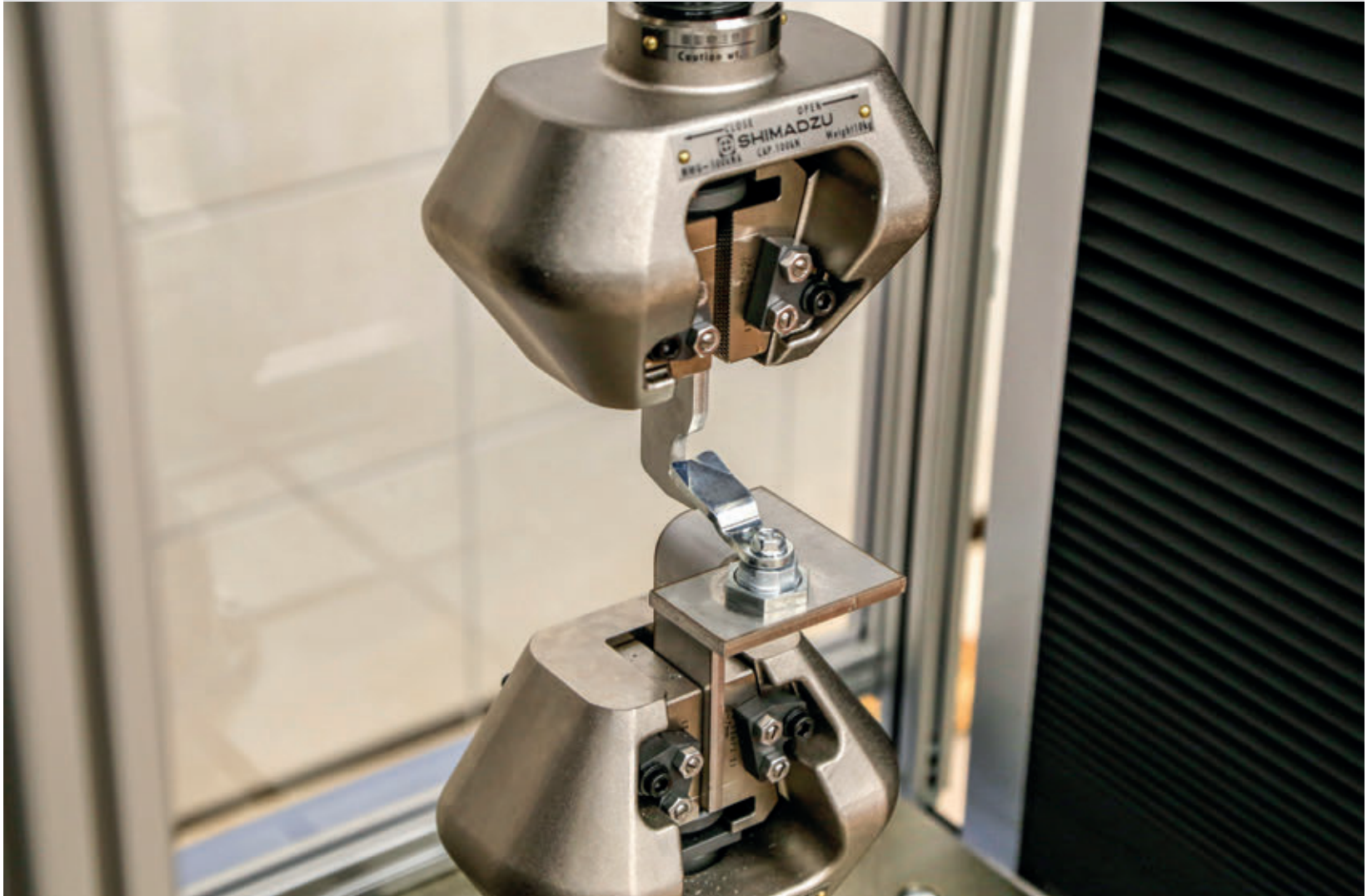




Our Research and Development Centre offers services in the field of microscopic and macroscopic examination of steels and plastics. We provide services of metallographic testing, chemical composition analysis, defectoscopic testing of material faults as well as re-

sistance of metals and protective coatings according to DIN 50021, ASTM B117, ASTM G85, EN ISO 9227 in salt chambers, climatic chambers and strength testing in the range from 10 N to 100 N.





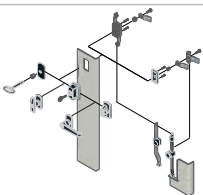
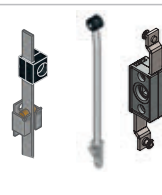
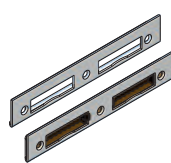
In the laboratory of prototypes we test a number of structures of locking systems. We examine, among others, the resistance to static loads and shear strength of hinges according to the PN-EN 1935 standard. While analyzing the properties and functionality of the struc-

ture, we are searching for possibilities of improving a given solution. We use 3D printing in Poly Jet technology which enables us to print prototype details from transparent materials having elastomer properties and high-temperature materials HDT min. 50°.







|                                                                                      |                                                                                     |                                                                                      |                                                                                       |                                                                                       |                                            |
|--------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|--------------------------------------------|
|     |    |    |    |    | <div>1</div> <div>Locking systems</div>    |
| <div>Locking systems 1A</div> <div>Swinghandles RS 1B</div> <div>Components 1C</div> |                                                                                     |                                                                                      |                                                                                       |                                                                                       |                                            |
|     |    |    |    |    | <div>2</div> <div>Locks<br/>Latches</div>  |
| <div>Locks 2A</div> <div>Latches 2B</div>                                            |                                                                                     |                                                                                      |                                                                                       |                                                                                       |                                            |
|     |    |    |   |   | <div>3</div> <div>Hinges</div>             |
| <div>External hinges 3A</div> <div>Internal hinges 3B</div>                          |                                                                                     |                                                                                      |                                                                                       |                                                                                       |                                            |
|   |  |  |  |  | <div>4</div> <div>Clamps</div>             |
| <div>Clamps</div>                                                                    |                                                                                     |                                                                                      |                                                                                       |                                                                                       |                                            |
|   |  |  |  |  | <div>5</div> <div>Accessories</div>        |
| <div>Accessories</div>                                                               |                                                                                     |                                                                                      |                                                                                       |                                                                                       |                                            |
|   |  |  |  |  | <div>6</div> <div>Gasketing profiles</div> |
| <div>Gasketing profiles</div>                                                        |                                                                                     |                                                                                      |                                                                                       |                                                                                       |                                            |
|   |  |  |  |  | <div>7</div> <div>Custom products</div>    |
| <div>Custom products</div>                                                           |                                                                                     |                                                                                      |                                                                                       |                                                                                       |                                            |



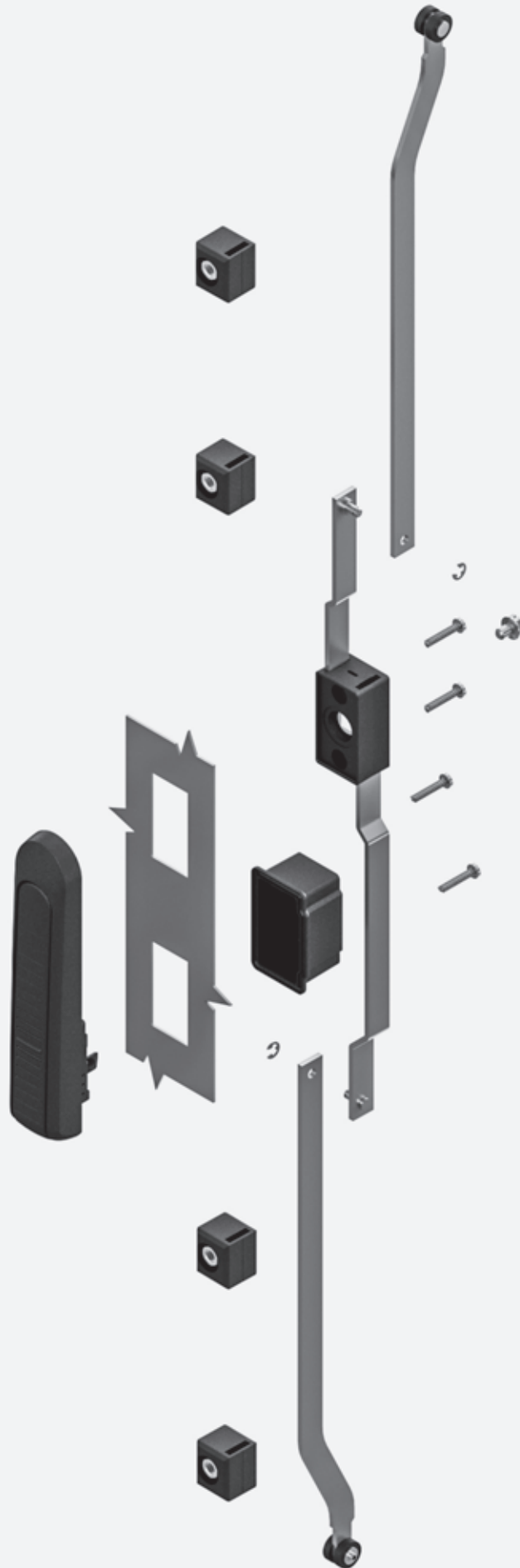
|                                                                                     |                                |                                                                                       |                             |
|-------------------------------------------------------------------------------------|--------------------------------|---------------------------------------------------------------------------------------|-----------------------------|
|    | New                            |    | Stainless steel             |
|    | Standard RoHS                  |    | The use left / right        |
|    | 1-point system                 |    | The use right               |
|    | 2-point system                 |    | The use left                |
|    | 3-point system                 |    | Version with padlock        |
|    | X, Y and Z axis adjustment     |    | Degree of protection IP 55  |
|   | X and Y axis adjustment        |    | Degree of protection IP 65  |
|  | X-axis adjustment (horizontal) |   | Degree of protection IP 66  |
|  | Y-axis adjustment (vertical)   |  | Degree of protection IP 69K |
|                                                                                     |                                |  | Opening angle               |

| Finishing type [C] |        |            |          |          |     |            |           |          |                 |     |  |
|--------------------|--------|------------|----------|----------|-----|------------|-----------|----------|-----------------|-----|--|
| ZAMAK 5            |        |            |          |          |     |            | Polyamide |          | Stainless steel |     |  |
| Chrome             | Nickel | Galvanized | RAL 9005 | RAL 7035 | CTL | 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

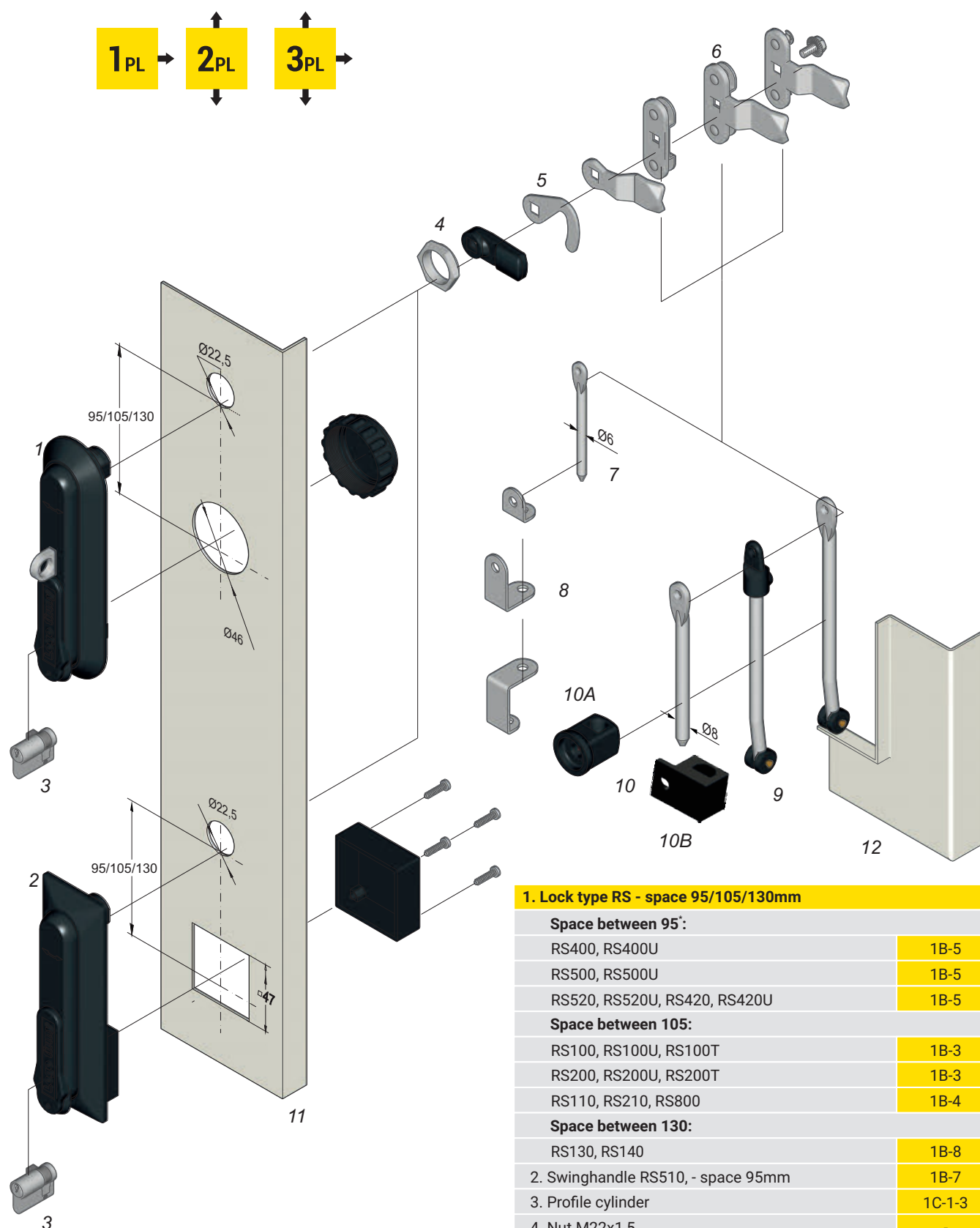
Accessories

6

Gasketing  
profiles

7

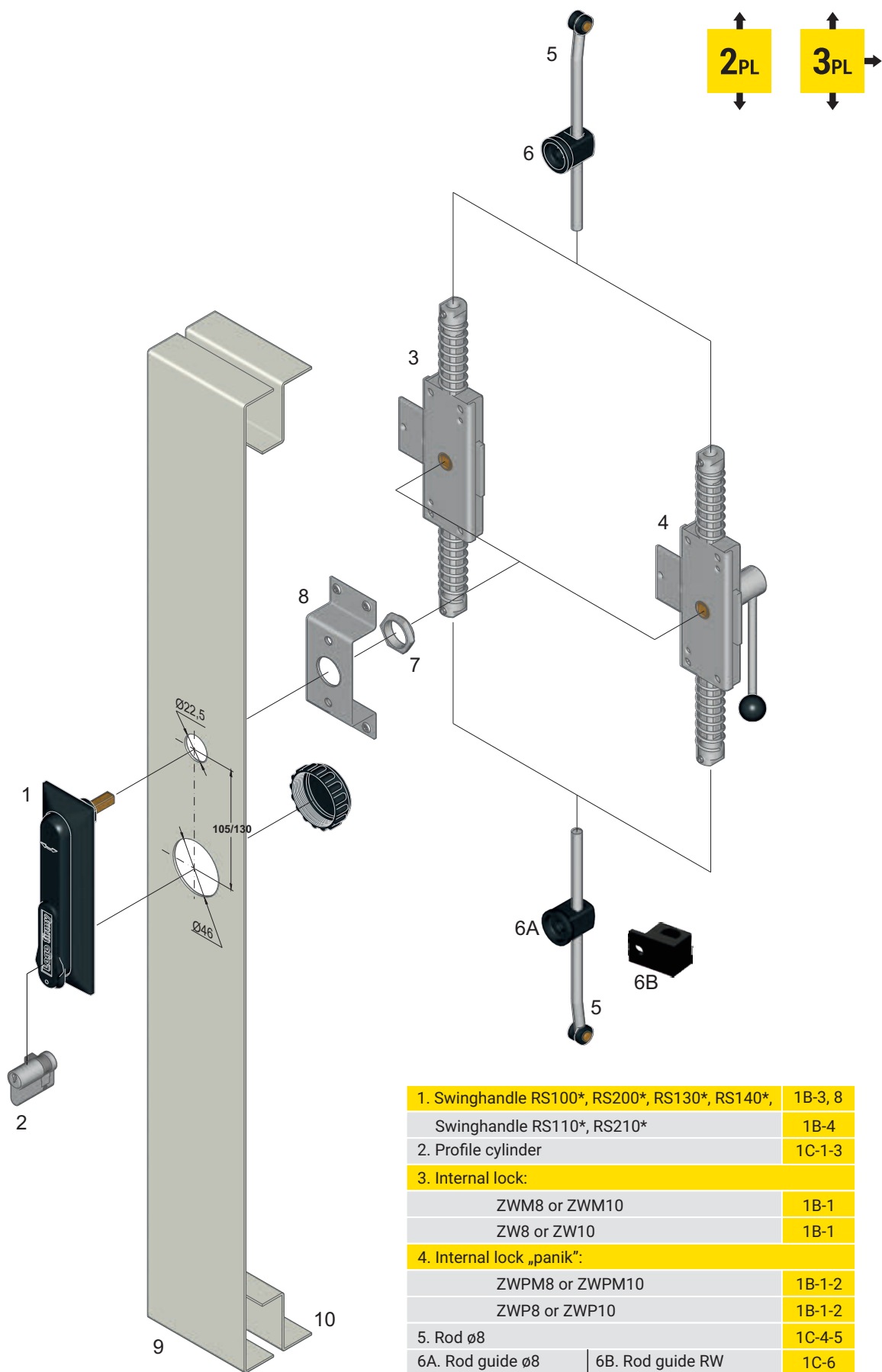
Custom  
products


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

|                                           |                   |           |
|-------------------------------------------|-------------------|-----------|
| <b>Space between 95':</b>                 |                   |           |
| RS400, RS400U                             |                   | 1B-5      |
| RS500, RS500U                             |                   | 1B-5      |
| RS520, RS520U, RS420, RS420U              |                   | 1B-5      |
| <b>Space between 105:</b>                 |                   |           |
| RS100, RS100U, RS100T                     |                   | 1B-3      |
| RS200, RS200U, RS200T                     |                   | 1B-3      |
| RS110, RS210, RS800                       |                   | 1B-4      |
| <b>Space between 130:</b>                 |                   |           |
| RS130, RS140                              |                   | 1B-8      |
| 2. Swinghandle RS510, - space 95mm        |                   | 1B-7      |
| 3. Profile cylinder                       |                   | 1C-1-3    |
| 4. Nut M22x1,5                            |                   | -         |
| 5. 1-point cam without limiter            |                   | 1C-12-13  |
| 6. 2-points, 3-points cam without limiter |                   | 1C-15, 19 |
| 7. Rod Ø6                                 |                   | 1C-4      |
| 8. Rod guide Ø6                           |                   | 1C-6      |
| 9. Rod Ø8                                 |                   | 1C-4-5    |
| 10A. Rod guide Ø8                         | 10B. Rod guide RW | 1C-6-7    |
| 11. Door of the box                       |                   | -         |
| 12. Edge of the box                       |                   | -         |

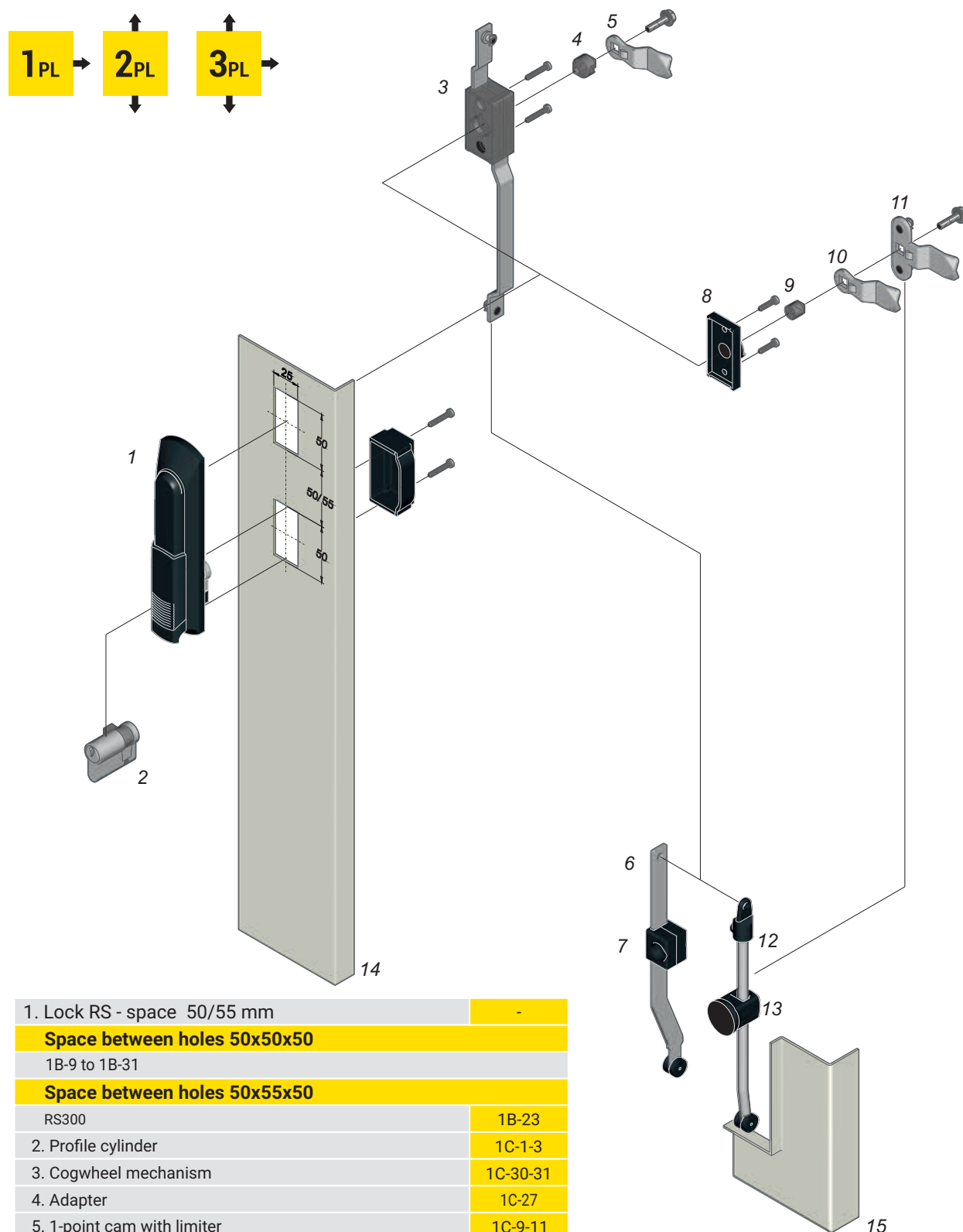


# Locking system with space between holes 105/130 internal locks



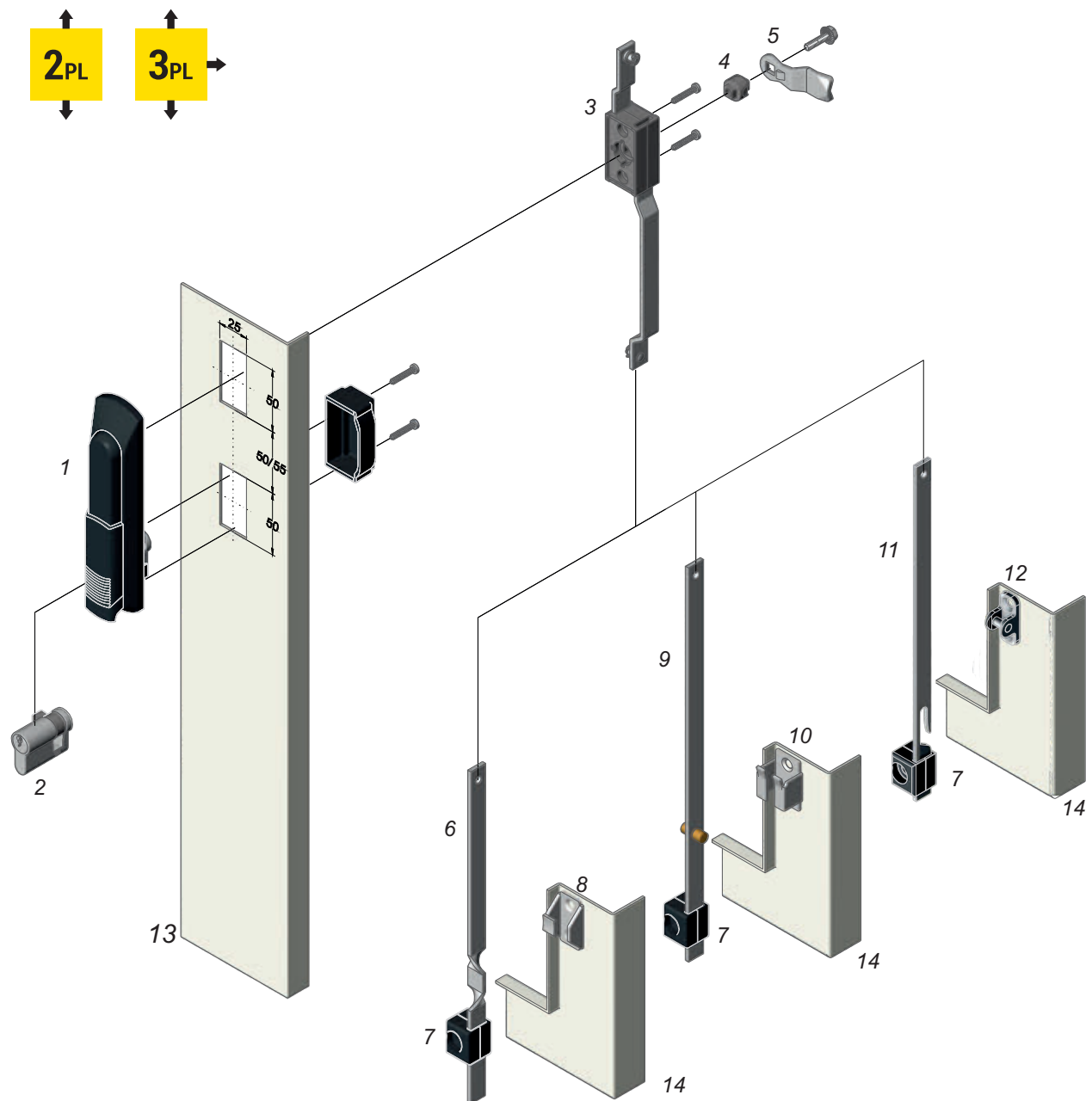
(\*) **When you order locks RS100, RS110, RS200, RS210, RS130, RS140 to Internal lock**, you should add letters ZW e.g (RS100ZW, RS200ZW). **When you order locks RS100, RS110, RS200, RS210 to Internal lock panik**, you should add letters ZWP e.g. (RS100ZWP) **Lock support** only on special request.

|                                                |                  |
|------------------------------------------------|------------------|
| 1. Swinghandle RS100*, RS200*, RS130*, RS140*, | 1B-3, 8          |
| Swinghandle RS110*, RS210*                     | 1B-4             |
| 2. Profile cylinder                            | 1C-1-3           |
| 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-4-5           |
| 6A. Rod guide ø8                               | 6B. Rod guide RW |
|                                                | 1C-6             |
| 7. Nut M22 x 1,5                               | -                |
| 8. Lock support*                               | -                |
| 9. Door of the box                             | -                |
| 10. Edge of the box                            | -                |

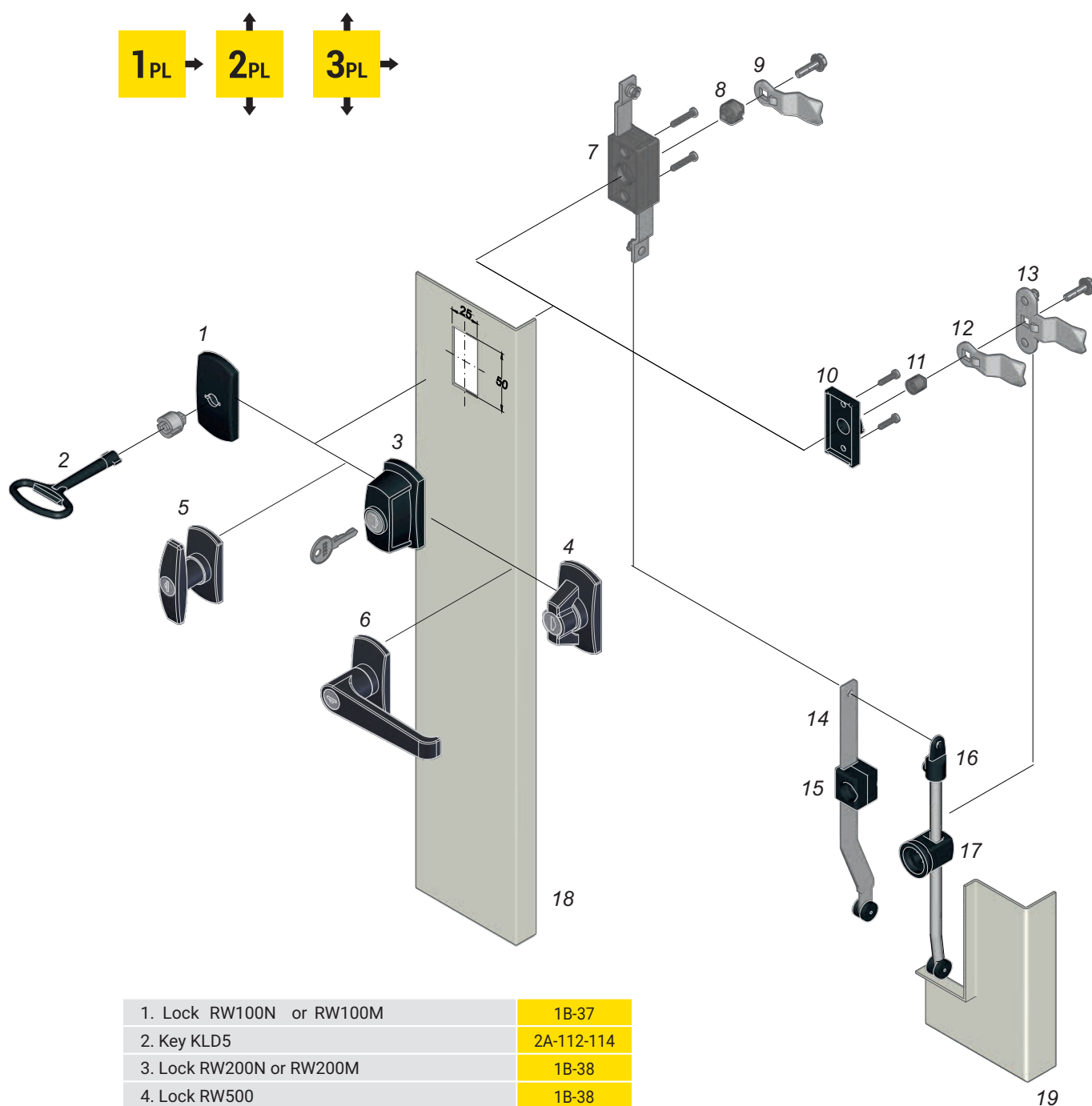


|                                      |          |
|--------------------------------------|----------|
| 1. Lock RS - space 50/55 mm          | -        |
| <b>Space between holes 50x50x50</b>  |          |
| 1B-9 to 1B-31                        |          |
| <b>Space between holes 50x55x50</b>  |          |
| RS300                                | 1B-23    |
| 2. Profile cylinder                  | 1C-1-3   |
| 3. Cogwheel mechanism                | 1C-30-31 |
| 4. Adapter                           | 1C-27    |
| 5. 1-point cam with limiter          | 1C-9-11  |
| 6. Flat rod with rollers             | 1C-34    |
| 7. Flat rod guide P314               | 1C-8     |
| 8. Cap                               | 1C-27    |
| 9. Bushing                           | 1C-27    |
| 10. 1-point cam with limiter for cap | 1C-10-11 |
| 11. 3-point cam with limiter for cap | 1C-16-18 |
| 12. Rod ø8, rod holder               | 1C-5     |
| 13. Rod guide ø8                     | 1C-6-7   |
| 14. Door of the box                  | -        |
| 15. Edge of the box                  | -        |



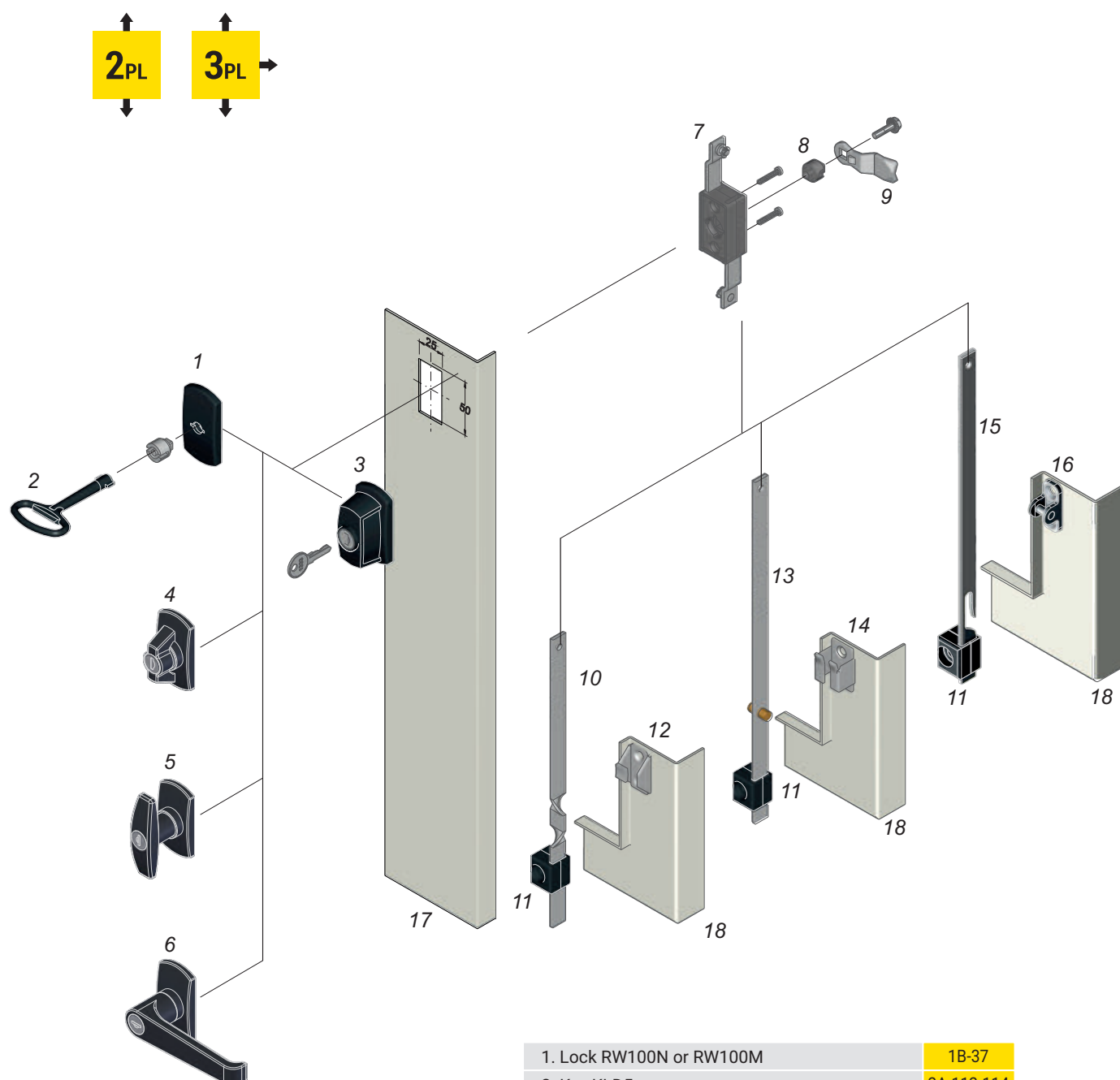


|                                     |          |
|-------------------------------------|----------|
| 1. Swinghandle RS - space 50/55 mm  | -        |
| <b>Space between holes 50x50x50</b> |          |
| 1B-9 To 1B-31                       |          |
| <b>Space between holes 50x55x50</b> |          |
| RS300                               | 1B-23    |
| 2. Profile cylinder                 | 1C-3     |
| 3. Cogwheel mechanism               | 1C-30-31 |
| 4. Adapter                          | 1C-27    |
| 5. 1-point cam with limiter         | 1C-9-11  |
| 6. Flat rod ver. "A", "B", "C"      | 1C-36    |
| 7. Flat rod guide P314              | 1C-8     |
| 8. Catch W314-90                    | 1C-36    |
| 9. Flat rod ver. "B"                | 1C-37    |
| 10. Catch W314-80                   | 1C-38    |
| 11. Flat rod ver. "C"               | 1C-39    |
| 12. Catch W314-70                   | 1C-39    |
| 13. Door of the box                 | -        |
| 14. Edge of the box                 | -        |

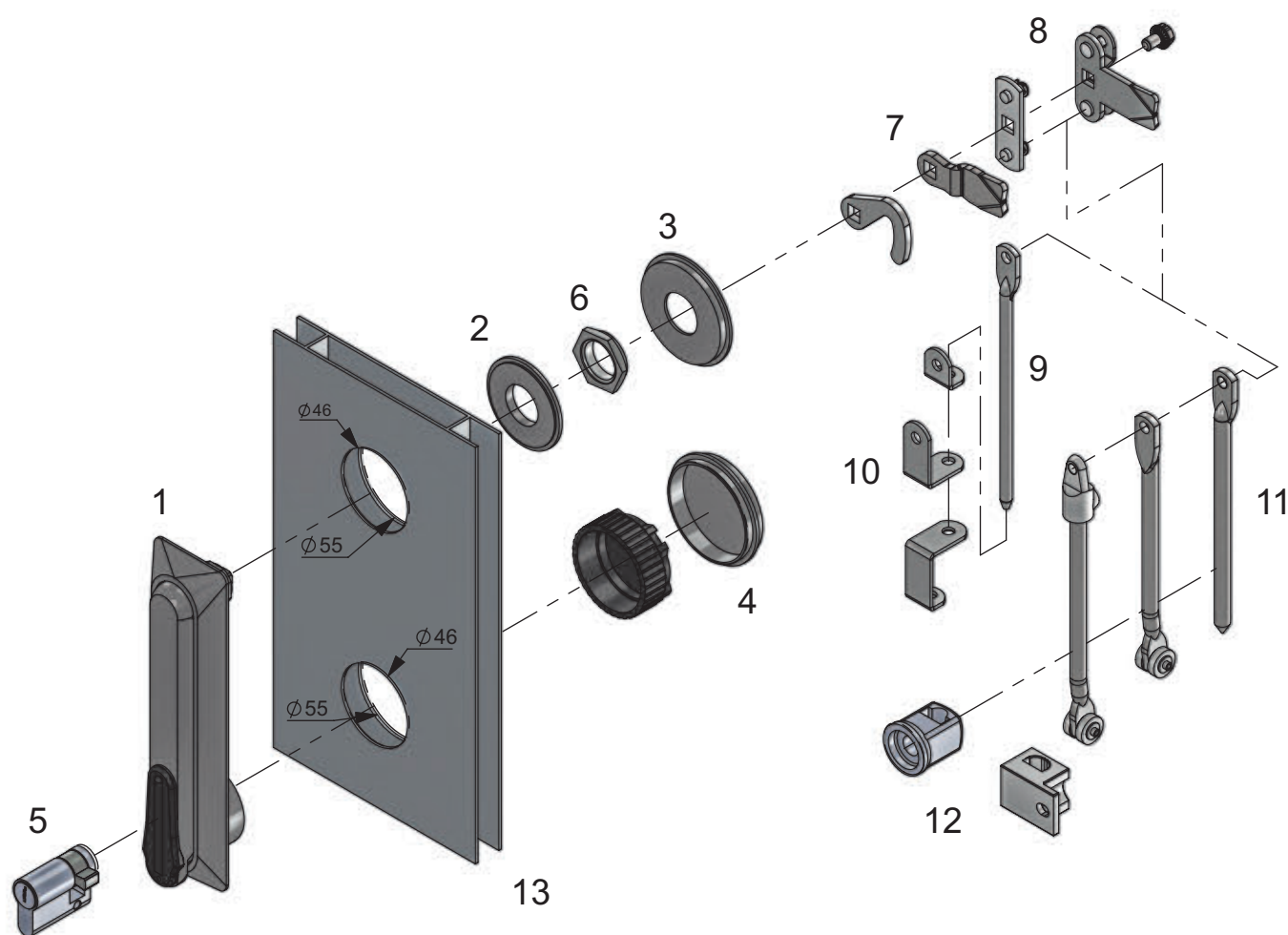


|                                      |            |
|--------------------------------------|------------|
| 1. Lock RW100N or RW100M             | 1B-37      |
| 2. Key KLD5                          | 2A-112-114 |
| 3. Lock RW200N or RW200M             | 1B-38      |
| 4. Lock RW500                        | 1B-38      |
| 5. T-handle lock                     | 1B-40      |
| 6. L-handle lock                     | 1B-40      |
| 7. Cogwheel mechanism                | 1C-28      |
| 8. Adapter                           | 1C-27      |
| 9. 1-point cam with limiter          | 1C-9-11    |
| 10. Cap                              | 1C-27      |
| 11. Bushing                          | 1C-27      |
| 12. 1-point cam with limiter for cap | 1C-10-11   |
| 13. 3-point cam with limiter for cap | 1C-17-18   |
| 14. Flat rod with rollers            | 1C-34      |
| 15. Flat rod guide P314              | 1C-8       |
| 16. Rod ø8, rod holder               | 1C-5       |
| 17. Rod guide ø8                     | 1C-6-7     |
| 18. Door of the box                  | -          |
| 19. Edge of the box                  |            |





|                             |            |
|-----------------------------|------------|
| 1. Lock RW100N or RW100M    | 1B-37      |
| 2. Key KLD5                 | 2A-112-114 |
| 3. Lock RW200N or RW200M    | 1B-38      |
| 4. Lock RW500               | 1B-38      |
| 5. T-handle locking         | 1B-40      |
| 6. L-handle locking         | 1B-40      |
| 7. Cogwheel mechanism       | 1C-28      |
| 8. Adapter                  | 1C-27      |
| 9. 1-point cam with limiter | 1C-9-11    |
| 10. Flat rod ver. "A"       | 1C-36      |
| 11. Flat rod guide P314     | 1C-8       |
| 12. Catch W314-90           | 1C-36      |
| 13. Flat rod ver. "B"       | 1C-37      |
| 14. Catch W314-80           | 1C-38      |
| 15. Flat rod ver. "C"       | 1C-39      |
| 16. Catch W314-70           | 1C-39      |
| 17. Door of the box         | -          |
| 18. Edge of the box         | -          |



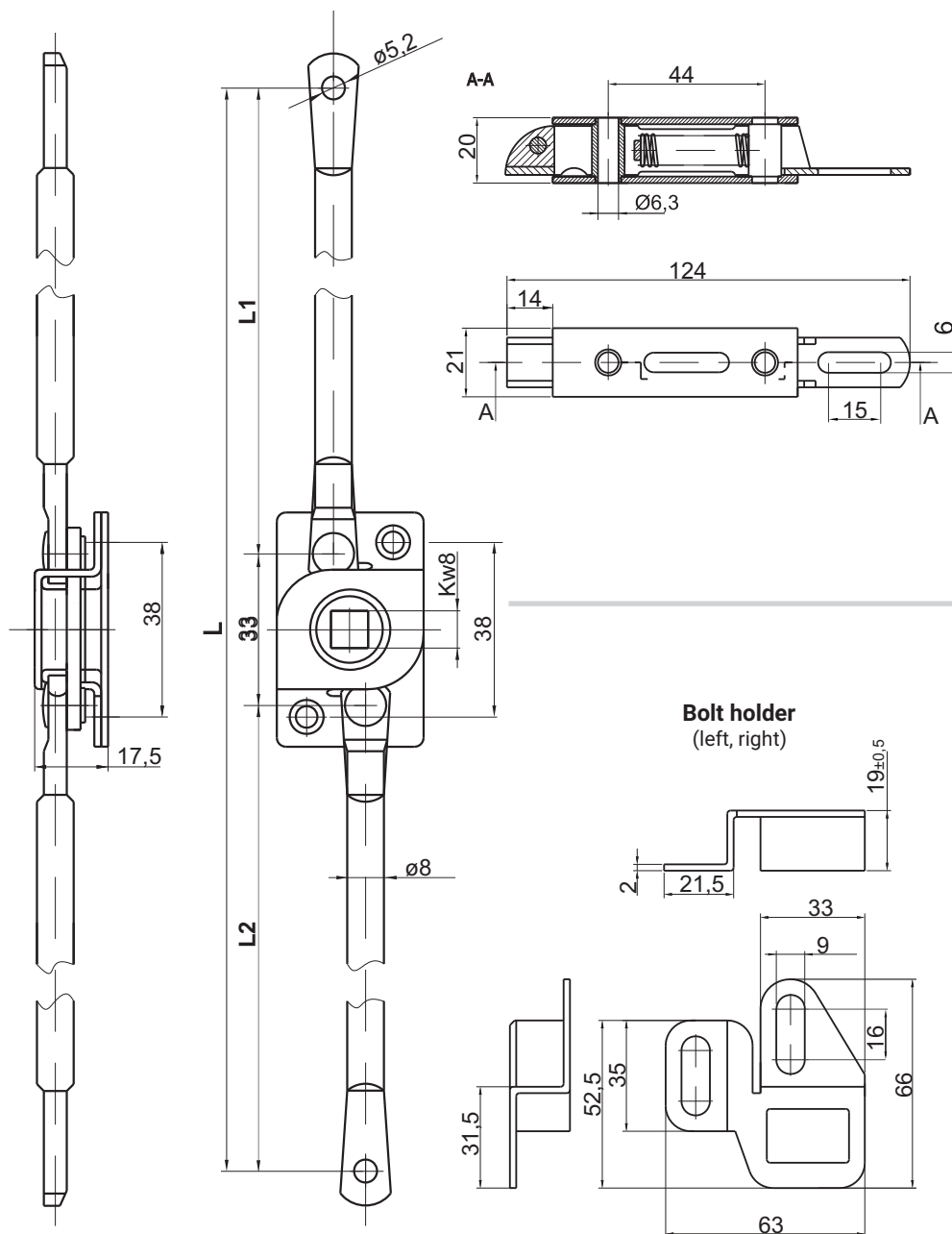
|                                    |          |
|------------------------------------|----------|
| 1. Swinghandle RS130, RS140        | 1B-8     |
| 2. Adapter 1C.916.001              | 1C-43    |
| 3. Adapter 1C.916.002              | 1C-43    |
| 4. Adapter 1C.916.003              | 1C-43    |
| 5. Profile                         | 1C-1-3   |
| 6. Nut M22x1,5                     | -        |
| 7. Cam 1-point no limiter          | 1C-12-13 |
| 8. Cam 2-point, 3-point no limiter | 1C-15-19 |
| 9. Rod 6                           | 1C-4     |
| 10. Rod guide 6                    | 1C-6     |
| 11. Rod 8 1C-3,4                   | 1C-5     |
| 12. Rod guide 8 / Rod guide RW     | 1C-6-7   |
| 13. Cabinet door                   | -        |





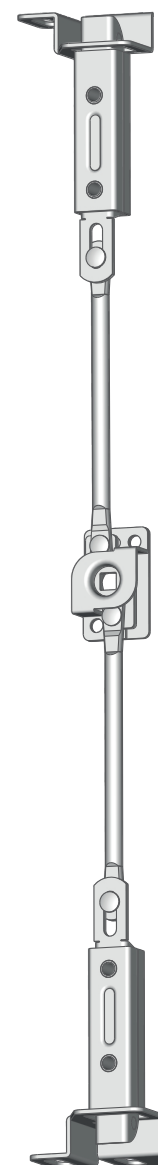
## BOLT MECHANISM

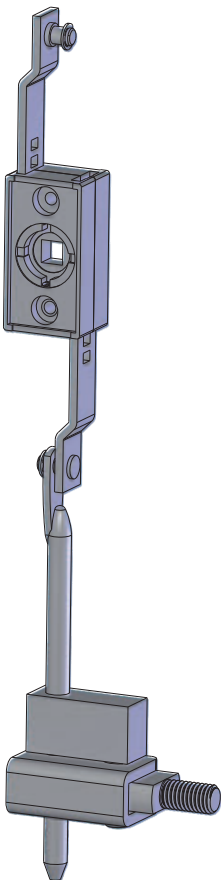
## BOLT



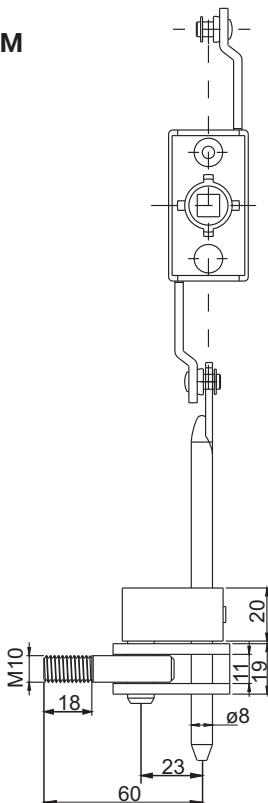
$$L = 33 + L_1 + L_2$$

| 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   |

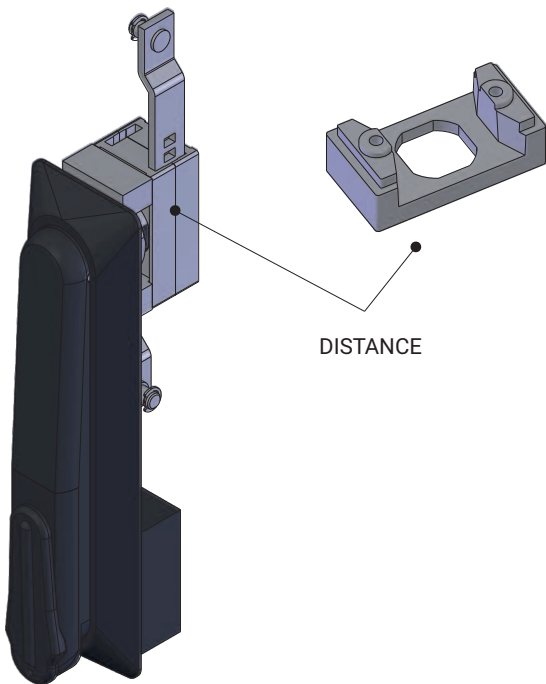




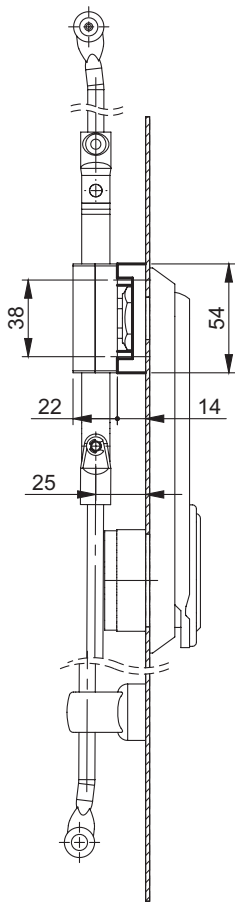
ROD STRENGHTENING SYSTEM



COGWHEEL  
MECHANISM DISTANCE

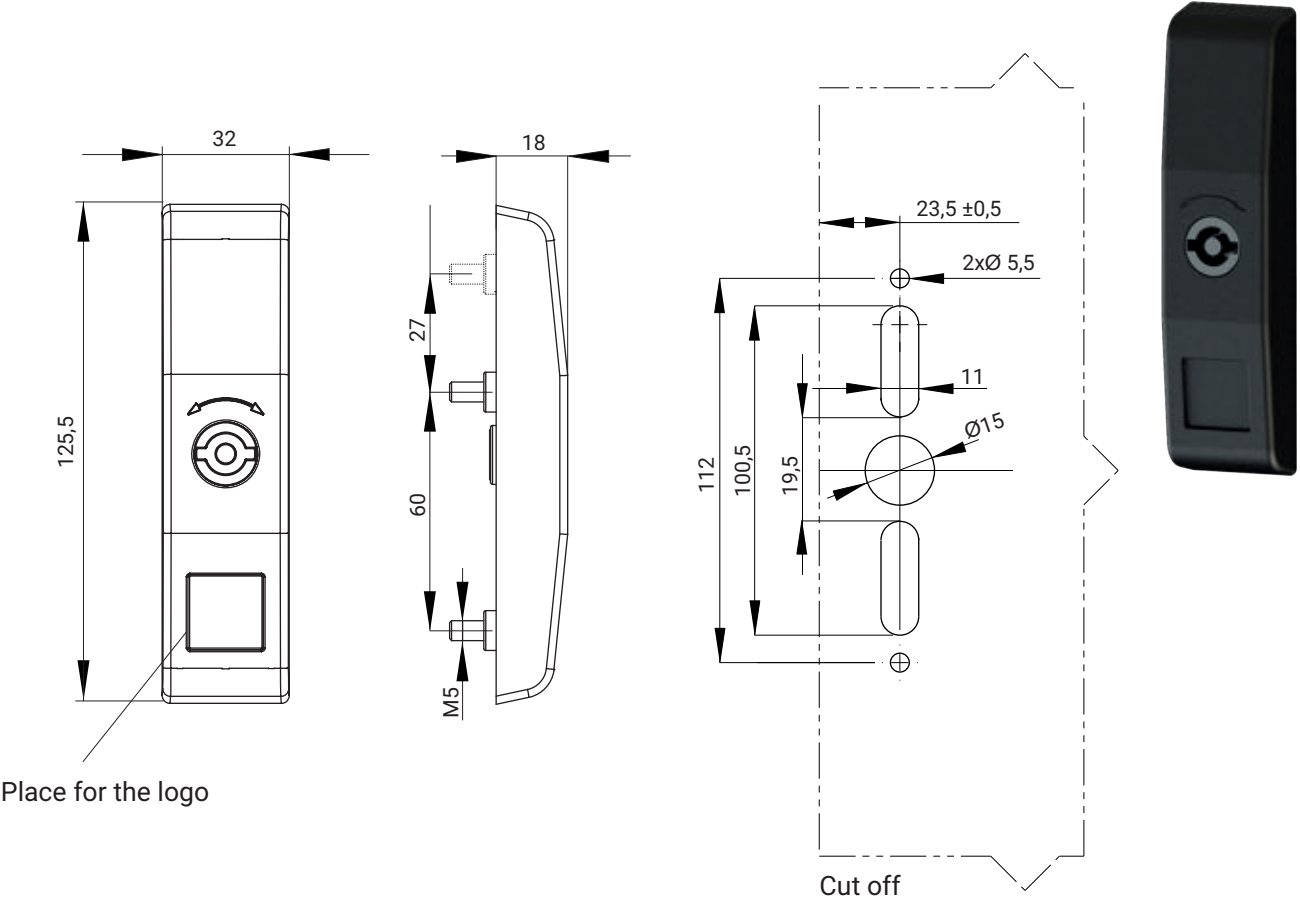


DISTANCE



| 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-28, 1C-30, 1C-32, 1C-33) |                             |                   |

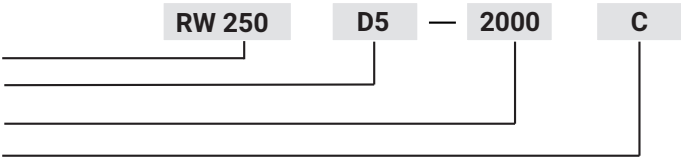




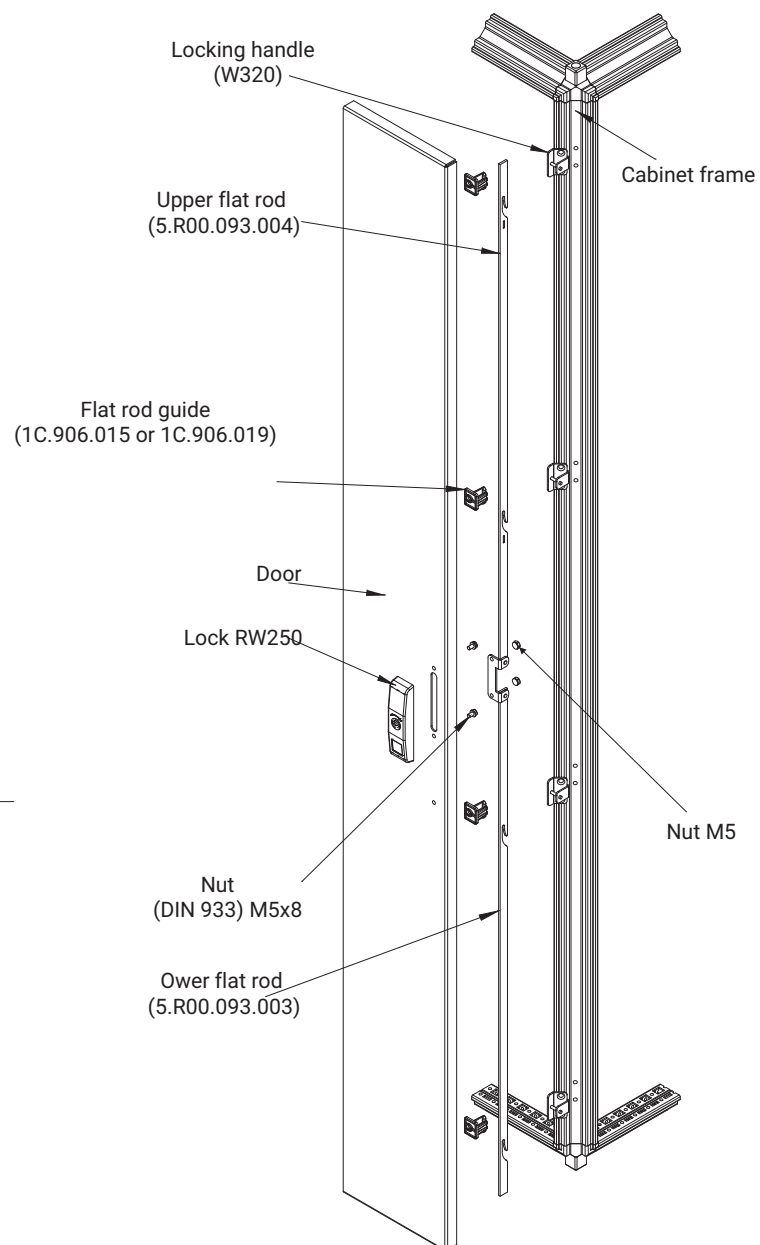
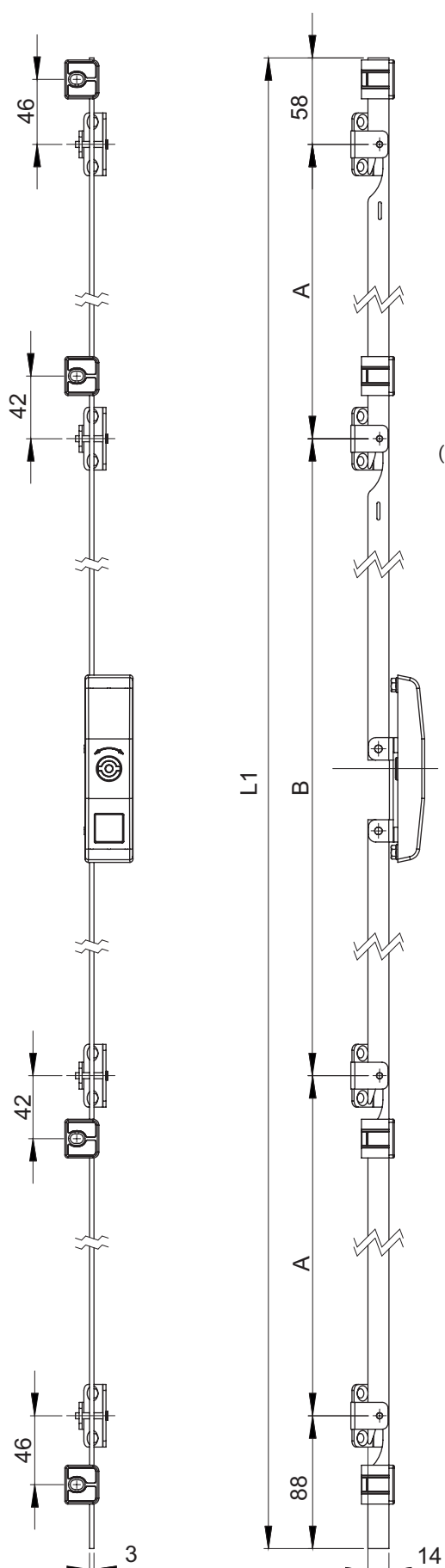
| LOCK TYPE | COMPONENTS | MATERIAL | FINISH [C] |          |
|-----------|------------|----------|------------|----------|
| RW 250    | Housing    | ABS      | RAL 9005   | RAL 7035 |
|           | Flat rods  | Steel    | 04         | 05       |
| Inserts   |            |          |            |          |
|           |            |          |            |          |
| D3        | D5         | T9       | KW 8       | S        |

How to order :

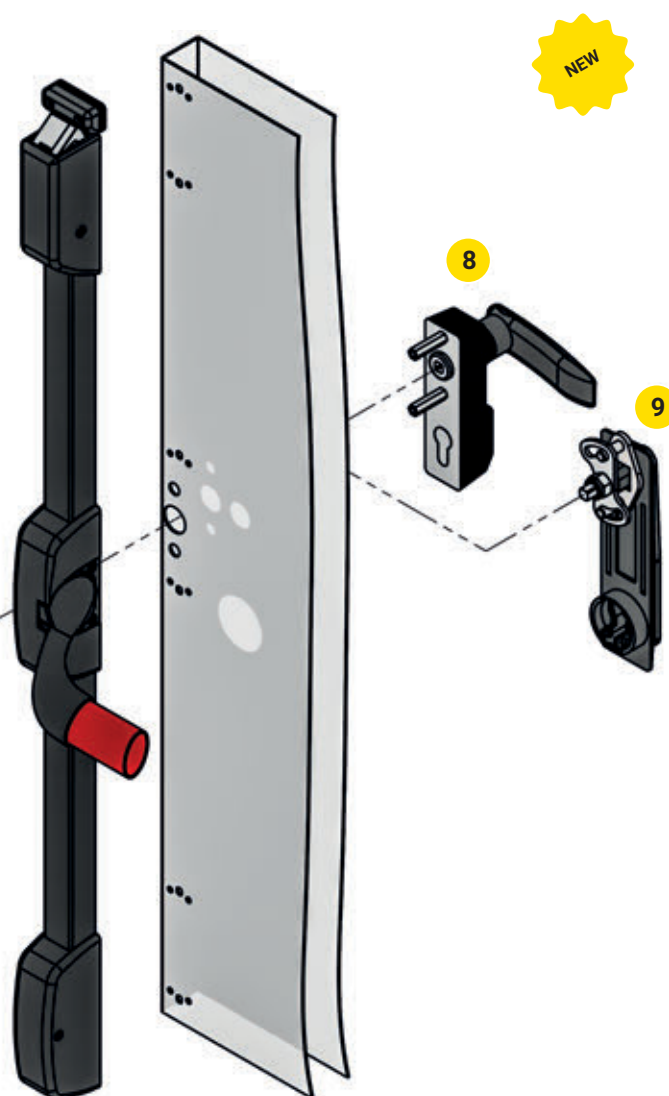
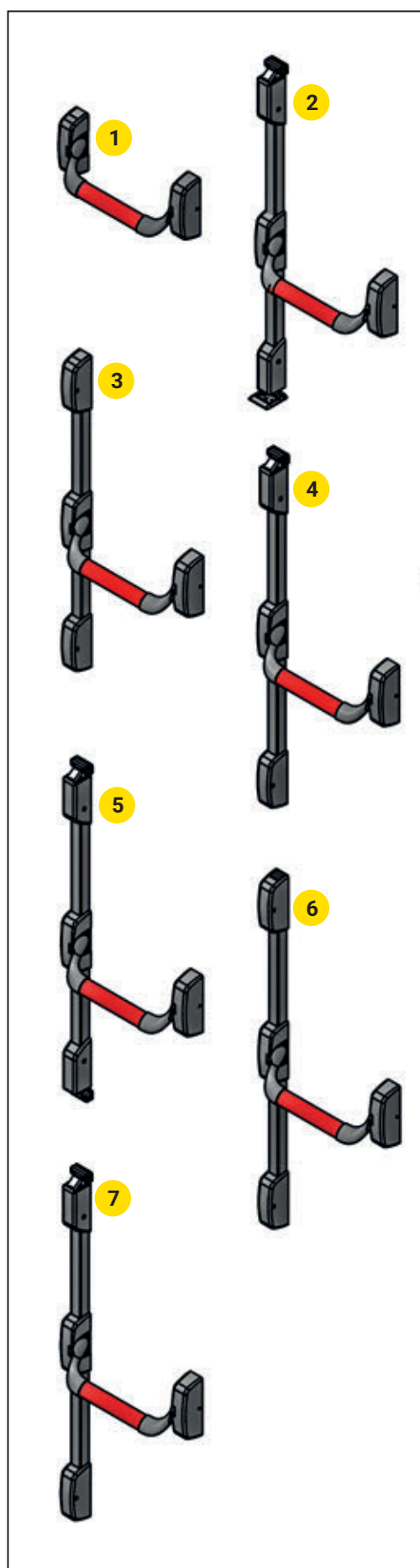
Type of lock  
Type of insert  
Height cabinet  
Finish



- 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

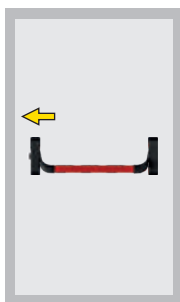


| HEIGHT OF THE BOX[L] | L1   | A   | B   |
|----------------------|------|-----|-----|
| 1800                 | 1729 | 520 | 520 |
| 2000                 | 1929 | 586 | 586 |

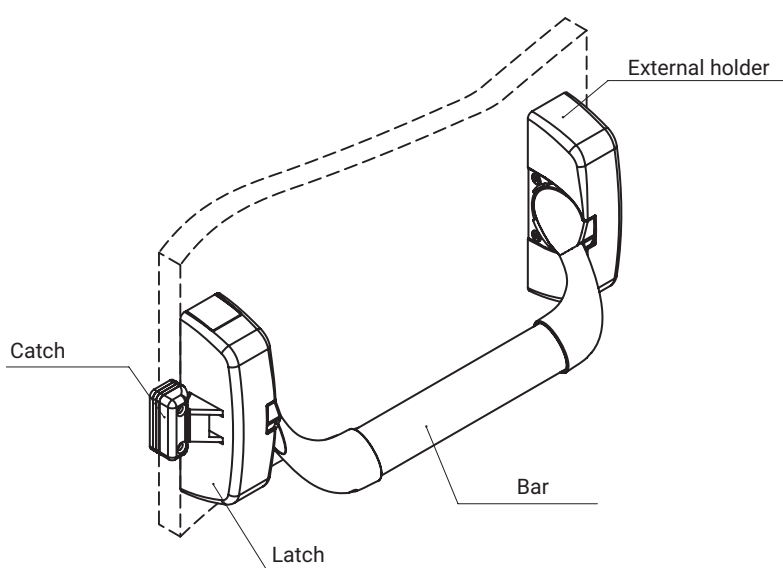
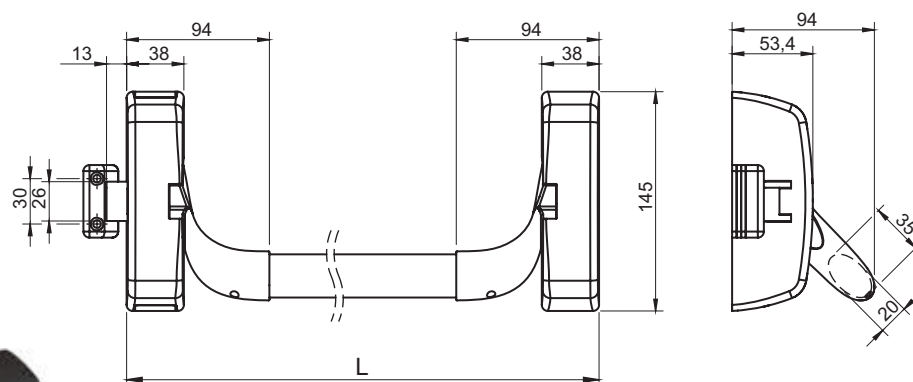


| ANTI-PANIC LOCK         |            |       |
|-------------------------|------------|-------|
| 1.                      | 1B.ZA.001  | 1A-13 |
| 2.                      | 1B.ZA.002  | 1A-14 |
| 3.                      | 1B.ZA.003  | 1A-15 |
| 4.                      | 1B.ZA.004  | 1A-16 |
| 5.                      | 1B.ZA.005  | 1A-17 |
| 6.                      | 1B.ZA.006  | 1A-18 |
| 7.                      | 1B.ZA.007  | 1A-19 |
| COMPATIBLE HANDLES      |            |       |
| 8.                      | 1B.ZA.201  | 1A-21 |
| COMPATIBLE SWINGHANDLES |            |       |
| 9.                      | RS130 ZA   | 1A-22 |
|                         | RS130/U ZA |       |
|                         | RS200 ZA   | 1A-22 |
|                         | RS200/U ZA |       |





### Anti-panic lock SINGLE-POINT HORIZONTAL LATCH



The set includes::

- horizontal latch
- external holder,
- horizontal bar (state size L at order)
- catch with a set of spacers

Accessories to be ordered separately:

- external holder 1B.ZA.100,

Housings of lock and external holder, horizontal bar are made of ZAMAK  
internal lock mechanism - galvanized steel ; bar, catch - powder-coated steel

| CATALOGUE<br>NUMBER | COMPONENTS       | FINISH [C] |          |          |
|---------------------|------------------|------------|----------|----------|
|                     |                  | RAL 9005   | RAL 7035 | RAL 3020 |
| 1B.ZA.001           | Horizontal latch |            |          |          |
|                     | External holder  | 04         | 05       | -        |
|                     | Catch            |            |          |          |
|                     | Horizontal bar   | 04         | 05       | 12       |

#### How to order:

Catalogue number

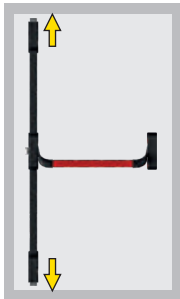
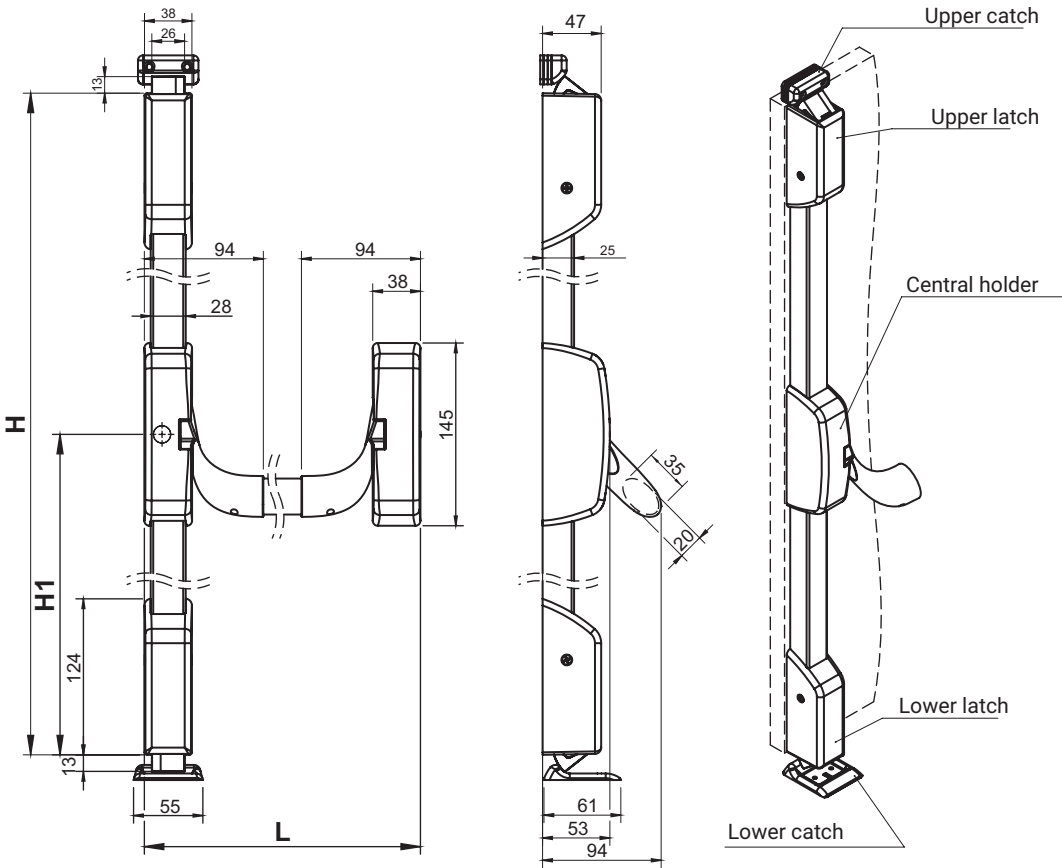
Finish for a horizontal latch, external holder and a catch

Closure width

Finish for a horizontal bar

1B.ZA.001 — C — L. C

Anti-panic lock  
DOUBLE-POINT VERTICAL LATCH (top / bottom)



- The set includes::
- central holder,
  - vertical upper latch,
  - vertical lower latch,
  - horizontal bar (state size L at order),
  - upper and lower rod ( state dimension of H and H1 at order),
  - upper catch with a set of spacers,
  - lower catch,

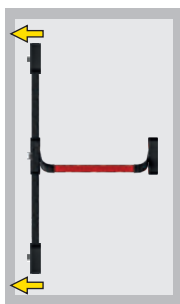
- Accessories to be ordered separately:
- external holder 1B.ZA.100,

Housings of locks and catches, horizontal bar are made of ZAMAK;  
internal lock mechanism, rod - galvanized steel; bar, catch - powder-coated steel

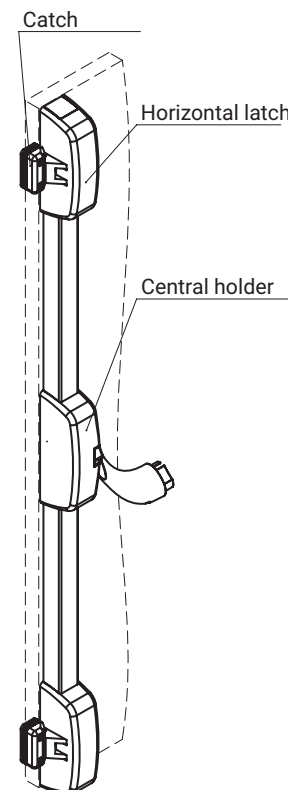
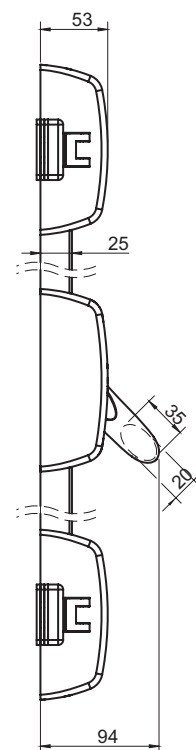
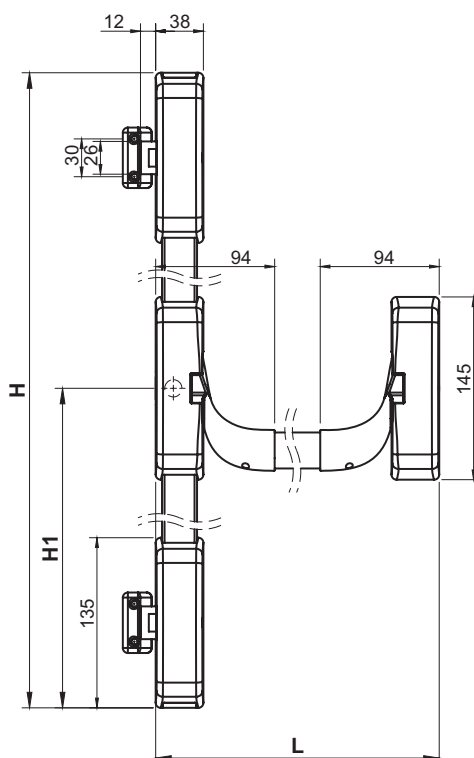
| CATALOGUE<br>NUMBER | COMPONENTS     | FINISH [C] |          |          |
|---------------------|----------------|------------|----------|----------|
|                     |                | RAL 9005   | RAL 7035 | RAL 3020 |
| 1B.ZA.002           | Central holder |            |          |          |
|                     | Vertical latch | 04         | 05       | -        |
|                     | Catch          |            |          |          |
|                     | Horizontal bar | 04         | 05       | 12       |

How to order:

|                                                    |   |   |   |      |   |   |   |    |
|----------------------------------------------------|---|---|---|------|---|---|---|----|
| 1B.ZA.002                                          | — | C | — | L. C | — | H | — | H1 |
| Catalogue number                                   |   |   |   |      |   |   |   |    |
| Finish for a central holder, latches and a catches |   |   |   |      |   |   |   |    |
| Closure width                                      |   |   |   |      |   |   |   |    |
| Finish for a horizontal bar                        |   |   |   |      |   |   |   |    |
| Closure height                                     |   |   |   |      |   |   |   |    |
| Height from the closure axis to the bottom latch   |   |   |   |      |   |   |   |    |



### Anti-panic lock DOUBLE-POINT VERTICAL LATCH (top / bottom)



The set includes:

- central holder,
- horizontal latch (x2),
- horizontal bar (state size L at order),
- upper and lower rod (state dimension of H and H1 at order),
- upper catch with a set of spacers (x2),

Accessories to be ordered separately:

- external holder 1B.ZA.100

Housings of locks and catches, horizontal bar are made of ZAMAK;  
internal lock mechanism, rod - galvanized steel; bar, catch - powder-coated steel

| CATALOGUE<br>NUMBER | COMPONENTS     | FINISH [C] |          |          |
|---------------------|----------------|------------|----------|----------|
|                     |                | RAL 9005   | RAL 7035 | RAL 3020 |
| 1B.ZA.003           | Central holder |            |          |          |
|                     | Vertical latch | 04         | 05       | -        |
|                     | Catch          |            |          |          |
|                     | Horizontal bar | 04         | 05       | 12       |

How to order:

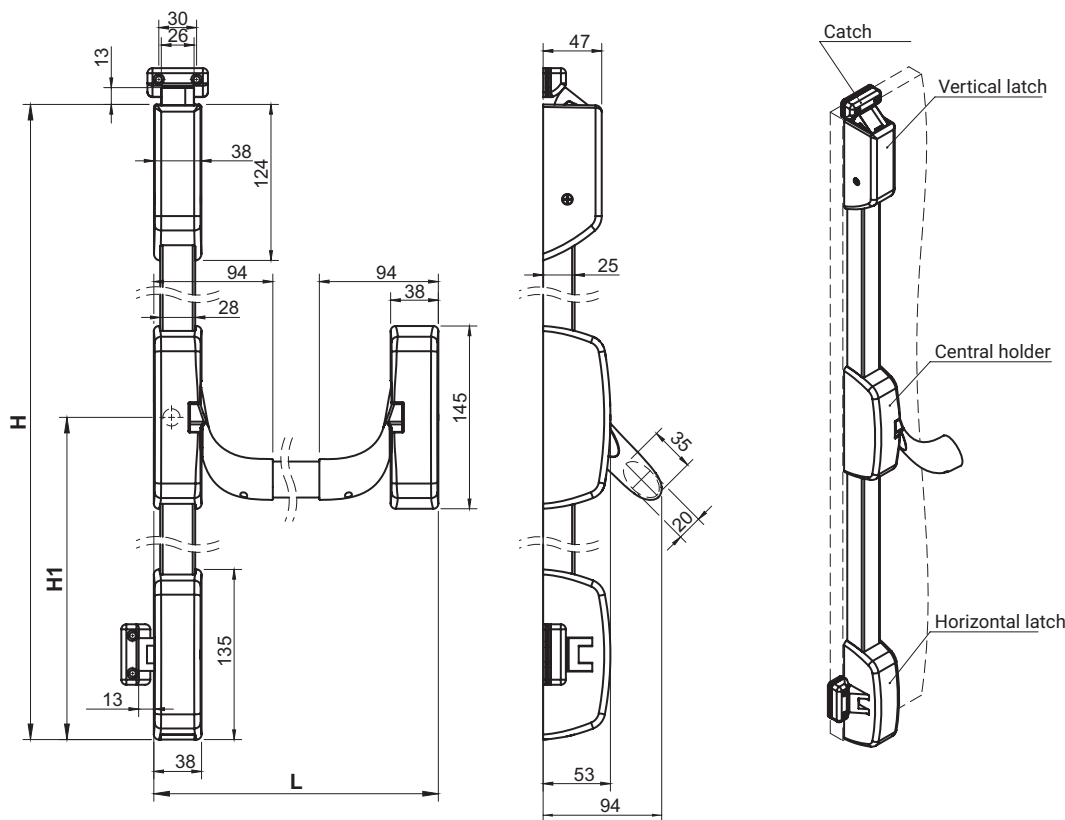
|                                                    |           |   |   |   |      |   |   |   |    |
|----------------------------------------------------|-----------|---|---|---|------|---|---|---|----|
|                                                    | 1B.ZA.003 | — | C | — | L. C | — | H | — | H1 |
| Catalogue number                                   |           |   |   |   |      |   |   |   |    |
| Finish for a central holder, latches and a catches |           |   |   |   |      |   |   |   |    |
| Closure width                                      |           |   |   |   |      |   |   |   |    |
| Finish for a horizontal bar                        |           |   |   |   |      |   |   |   |    |
| Closure height                                     |           |   |   |   |      |   |   |   |    |
| Height from the closure axis to the bottom latch   |           |   |   |   |      |   |   |   |    |

| Locking systems

www.roztocze.eu



Anti-panic lock  
DOUBLE-POINT VERTICAL AND HORIZONTAL LATCH (top / side)



- The set includes:
- central holder,
  - vertical latch,
  - horizontal latch,
  - horizontal bar (state size L at order),
  - upper and lower rod ( state dimension of H and H1 at order),
  - catch with a set of spacers (x2)

- Accessories to be ordered separately:
- external holder 1B.ZA.100

Housings of locks and catches, horizontal bar are made of ZAMAK;  
internal lock mechanism, rod - galvanized steel; bar, catch - powder-coated steel

| CATALOGUE<br>NUMBER | COMPONENTS     | FINISH [C] |          |          |
|---------------------|----------------|------------|----------|----------|
|                     |                | RAL 9005   | RAL 7035 | RAL 3020 |
| 1B.ZA.004           | Central holder | 04         | 05       | -        |
|                     | Latch          |            |          |          |
|                     | Catch          |            |          |          |
|                     | Horizontal bar | 04         | 05       | 12       |

How to order:

1B.ZA.004 — C — L. C — H — H1

Catalogue number

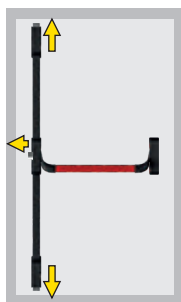
Finish for a central holder, latches and a catches

Closure width

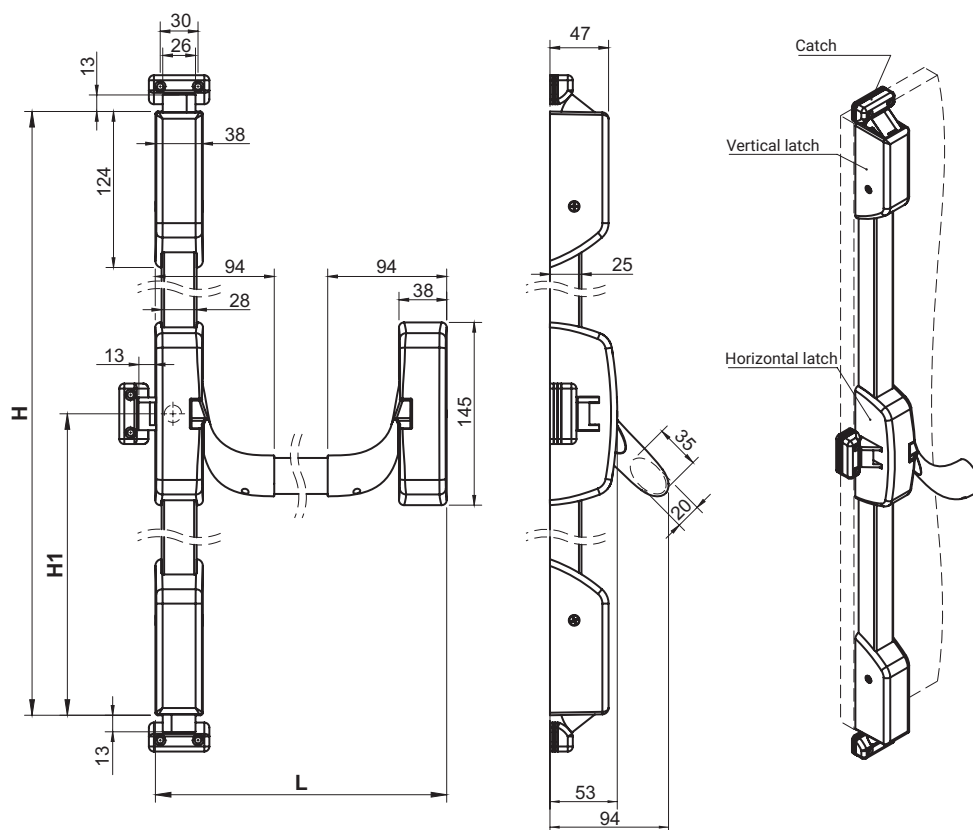
Finish for a horizontal bar

Closure height

Height from the closure axis to the bottom latch



### Anti-panic lock THREE-POINT LATCH (side / top / bottom)



The set includes:

- central holder,
- vertical latch (x2),
- horizontal latch,
- horizontal bar (state size L at order),
- upper and lower rod (state dimension of H and H1 at order),
- catch with a set of spacers (x3)

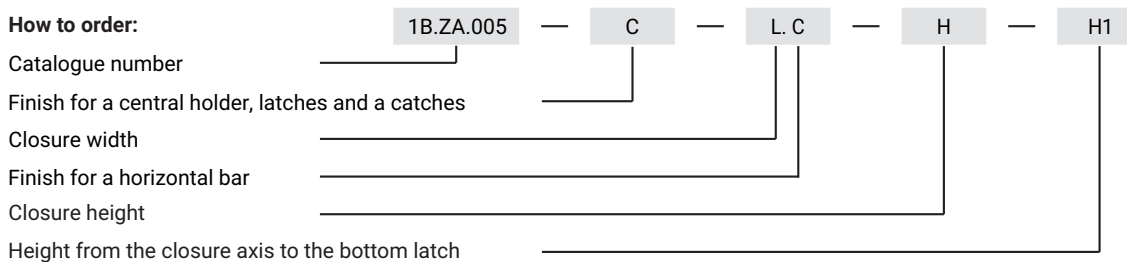
Accessories to be ordered separately:

- external holder 1B.ZA.100

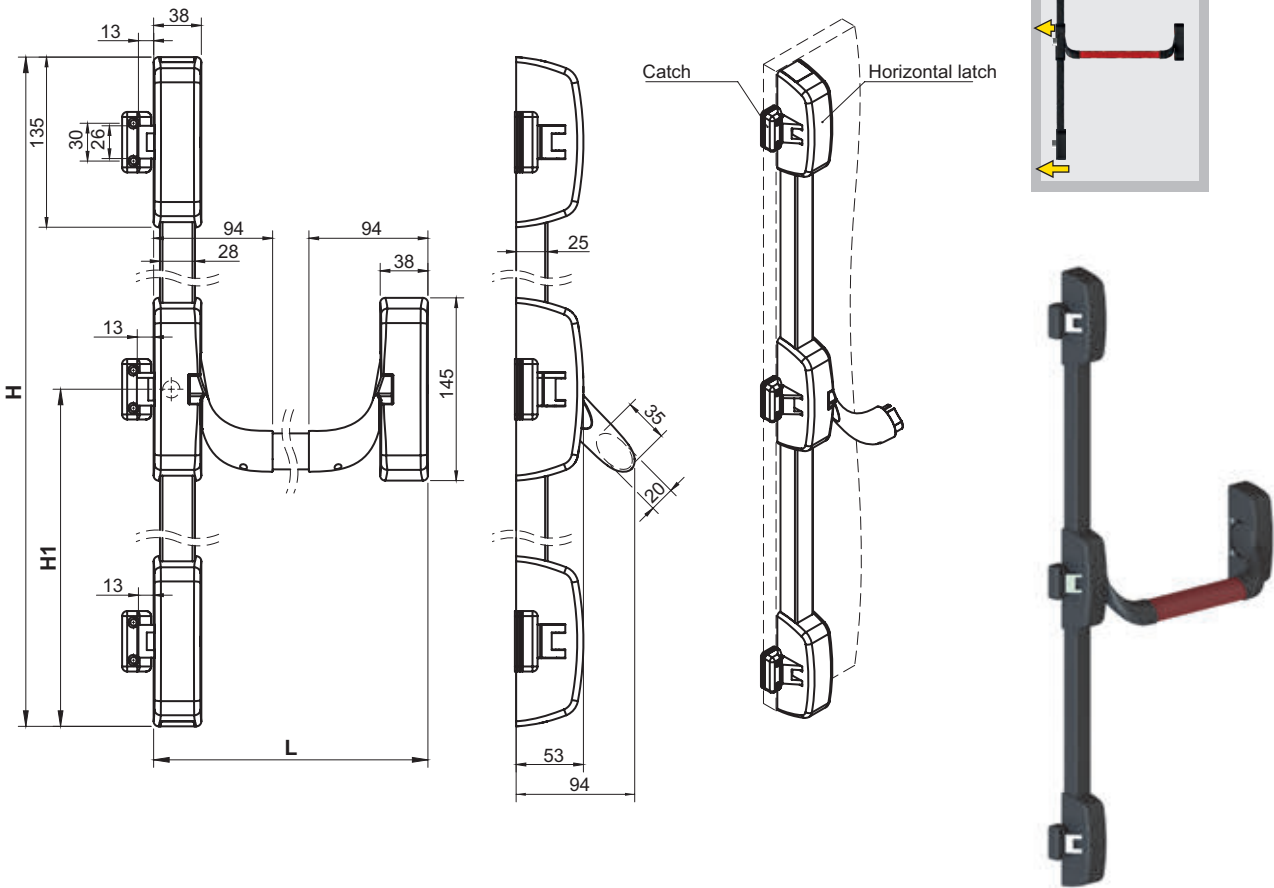
Housings of locks and catches, horizontal bar are made of ZAMAK;  
internal lock mechanism, rod - galvanized steel; bar, catch - powder-coated steel

| CATALOGUE<br>NUMBER | COMPONENTS     | FINISH [C] |          |          |
|---------------------|----------------|------------|----------|----------|
|                     |                | RAL 9005   | RAL 7035 | RAL 3020 |
| 1B.ZA.005           | Central holder |            |          |          |
|                     | Latch          | 04         | 05       | -        |
|                     | Catch          |            |          |          |
|                     | Horizontal bar | 04         | 05       | 12       |

How to order:



Anti-panic lock  
THREE-POINT LATCH (side / side / side)



- The set includes:
- central holder,
  - horizontal latch (x3),
  - horizontal bar (state size L at order),
  - upper and lower rod ( state dimension of H and H1 at order),
  - catch with a set of spacers (x3)

Accessories to be ordered separately:

- external holder 1B.ZA.100

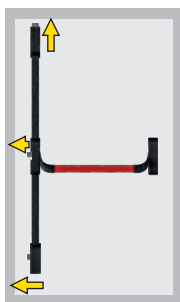
Housings of locks and catches, horizontal bar are made of ZAMAK;  
internal lock mechanism, rod - galvanized steel; bar, catch - powder-coated steel

| CATALOGUE<br>NUMBER | COMPONENTS     | FINISH [C] |          |          |
|---------------------|----------------|------------|----------|----------|
|                     |                | RAL 9005   | RAL 7035 | RAL 3020 |
| 1B.ZA.006           | Central holder |            |          |          |
|                     | Latch          | 04         | 05       | -        |
|                     | Catch          |            |          |          |
|                     | Horizontal bar | 04         | 05       | 12       |

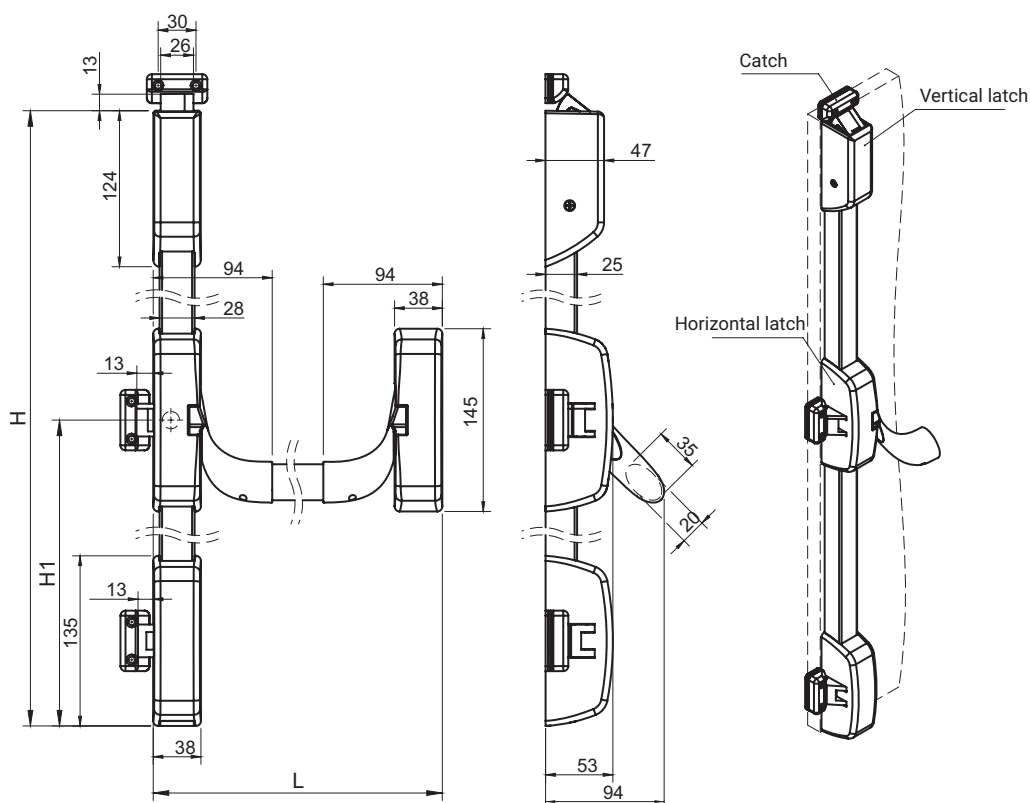
How to order:

|                                                    |   |   |   |      |   |   |   |    |
|----------------------------------------------------|---|---|---|------|---|---|---|----|
| 1B.ZA.006                                          | — | C | — | L. C | — | H | — | H1 |
| Catalogue number                                   |   |   |   |      |   |   |   |    |
| Finish for a central holder, latches and a catches |   |   |   |      |   |   |   |    |
| Closure width                                      |   |   |   |      |   |   |   |    |
| Finish for a horizontal bar                        |   |   |   |      |   |   |   |    |
| Closure height                                     |   |   |   |      |   |   |   |    |
| Height from the closure axis to the bottom latch   |   |   |   |      |   |   |   |    |





### Anti-panic lock THREE-POINT LATCH (side / top / side)



The set includes:

- central holder,
- horizontal latch (x2),
- vertical latch
- horizontal bar (state size L at order),
- upper and lower rod ( state dimension of H and H1 at order),
- catch with a set of spacers (x3)

Accessories to be ordered separately:

- external holder 1B.ZA.100

Housings of locks and catches, horizontal bar are made of ZAMAK;

| CATALOGUE<br>NUMBER | COMPONENTS     | FINISH [C] |          |          |
|---------------------|----------------|------------|----------|----------|
|                     |                | RAL 9005   | RAL 7035 | RAL 3020 |
| 1B.ZA.007           | Central holder |            |          |          |
|                     | Latch          | 04         | 05       | -        |
|                     | Catch          |            |          |          |
|                     | Horizontal bar | 04         | 05       | 12       |

How to order:

|                                                    |           |   |   |   |      |   |   |   |    |
|----------------------------------------------------|-----------|---|---|---|------|---|---|---|----|
|                                                    | 1B.ZA.007 | — | C | — | L. C | — | H | — | H1 |
| Catalogue number                                   |           |   |   |   |      |   |   |   |    |
| Finish for a central holder, latches and a catches |           |   |   |   |      |   |   |   |    |
| Closure width                                      |           |   |   |   |      |   |   |   |    |
| Finish for a horizontal bar                        |           |   |   |   |      |   |   |   |    |
| Closure height                                     |           |   |   |   |      |   |   |   |    |
| Height from the closure axis to the bottom latch   |           |   |   |   |      |   |   |   |    |

| Locking systems

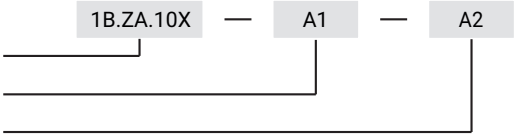
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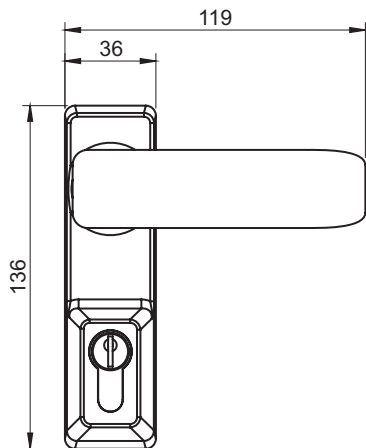
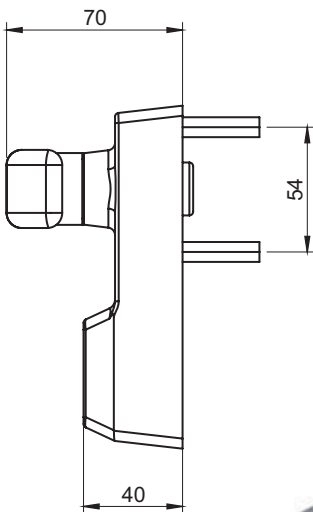


|                         |  | 1B.ZW.101 | 1B.ZW.102 | 1B.ZW.103 | 1B.ZW.104 |
|-------------------------|--|-----------|-----------|-----------|-----------|
|                         |  |           |           |           |           |
| 1B.ZA.001<br>str. 1A-13 |  | A1        |           |           |           |
| 1B.ZA.002<br>str. 1A-14 |  | A2        | A1 A2     | A1        | A1        |
| 1B.ZA.003<br>str. 1A-15 |  |           |           | A2        |           |
| 1B.ZA.006<br>str. 1A-18 |  |           |           |           | A2        |

How to order :  
Cat.number for anti-panic lock for double wing door  
Cat.number for anti-panic lock for first wing door  
Cat.number for anti-panic lock for second wing door

where:  
A1, A2 has a full number from the catalogue of chosen lock  
(for locks 1B.ZA.001 without H and H1 dimensions)





External fitting with handle for anti-panic locks. Provided with Europrofile insert.

| CATALOGUE<br>NUMBER | COMPONENTS | MATERIAL | FINISH [C] |
|---------------------|------------|----------|------------|
|                     |            |          | RAL 9005   |
| 1B.ZA.201           | Klamka     | ZAMAK    | 04         |
|                     | Obudowa    |          |            |

How to order :

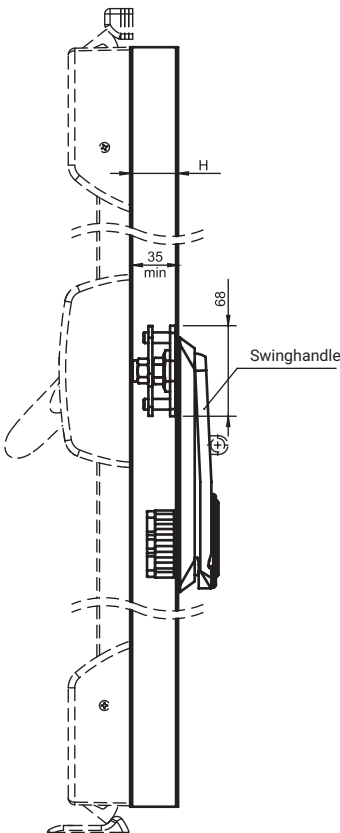
Catalogue number

Finish

1B.ZA.201

— C

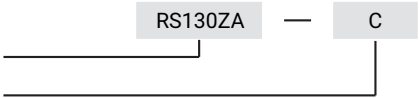




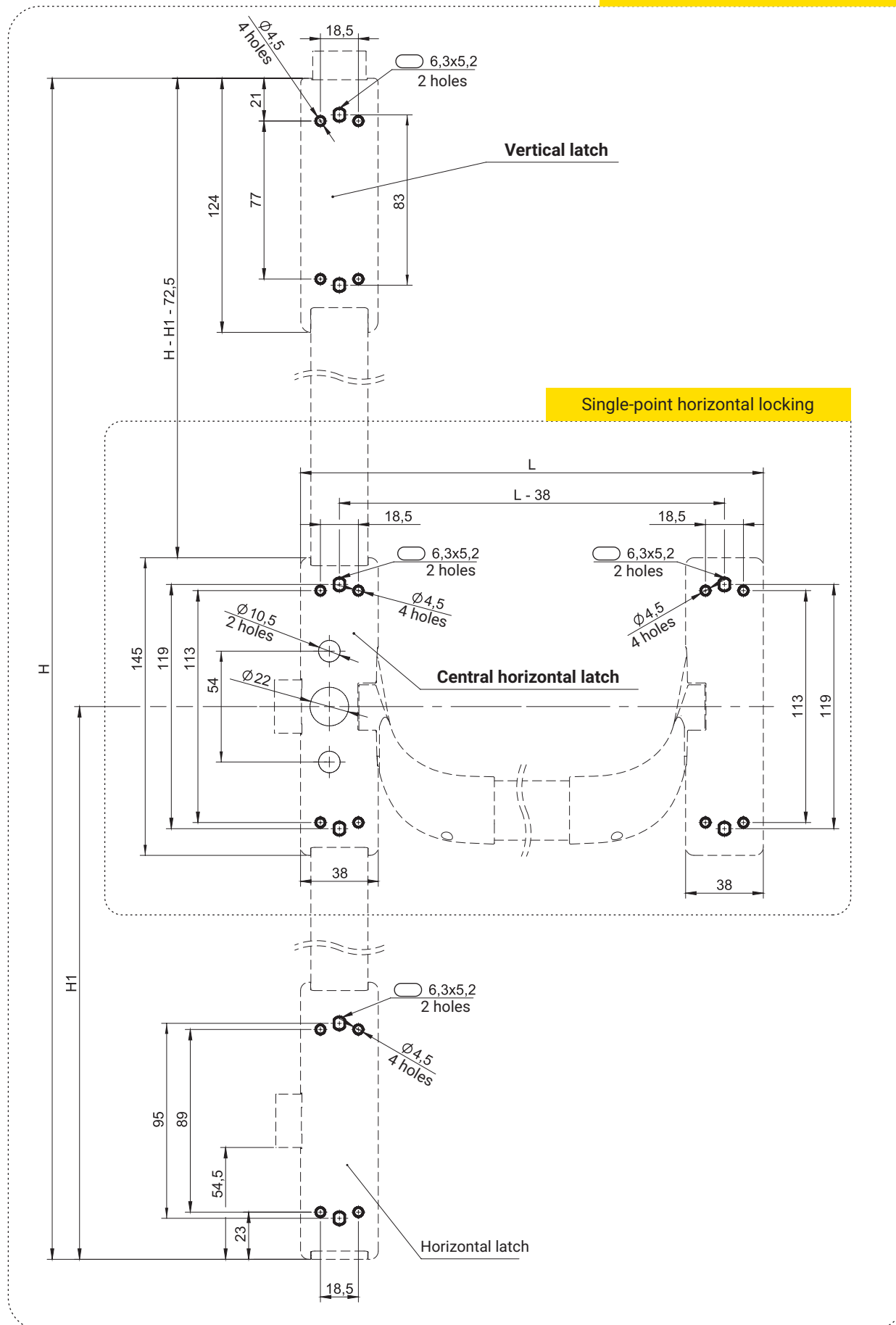
Mounting holes of locks with swinghandle according to catalogue pages of RS200 locks - page 1B-3, RS130 - page 1B-8.  
The ZA end piece in the catalogue number of swinghandles means that it is a lock adapted to cooperation  
with an anti-panic lock.  
RS130/U ZA i RS200/U ZA - swinghandles with padlock protection.

| SWINGHANDLES COMPATIBLE WITH ANTI-PANIC LOCKS |                                  |          |           |          |
|-----------------------------------------------|----------------------------------|----------|-----------|----------|
| TYPE OF LOCK                                  | HANDLE MATERIAL, LOCK FINISH [C] |          |           |          |
|                                               | ZAMAK                            |          | Polyamide |          |
|                                               | RAL 9005                         | RAL 7035 | RAL 9005  | RAL 7035 |
| RS130ZA<br>RS130/UZA                          | 04                               | -        | 07        | -        |
| RS200ZA<br>RS200/UZA                          | 04                               | 05       | 07        | 08       |

How to order :  
Catalogue number  
Handle material, lock finish

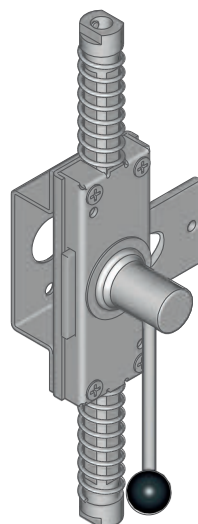
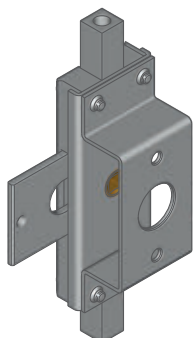
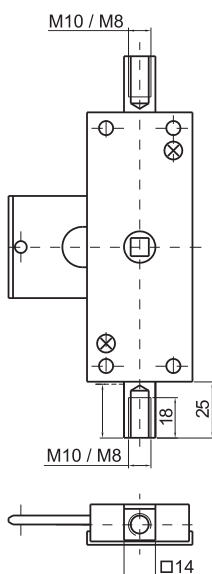
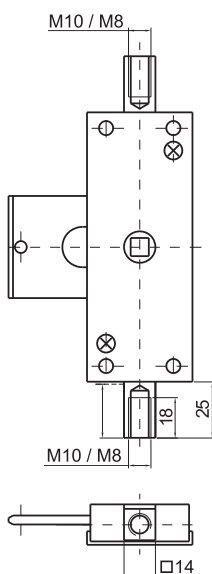


## 2 or 3 point locking

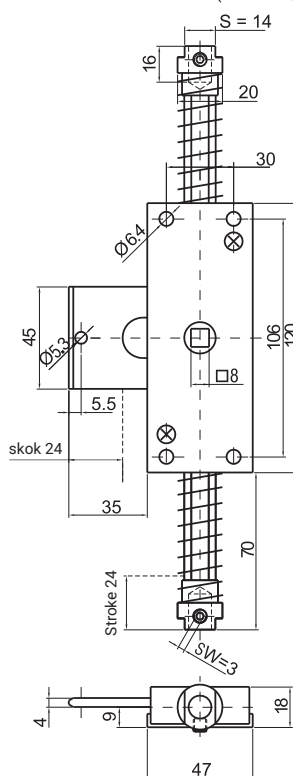
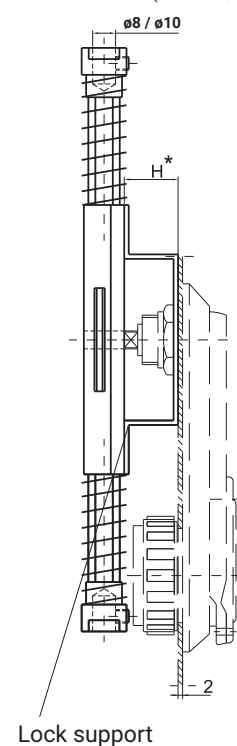


Each lock can be mounted on 4 holes  $\varnothing 4,5$  or 2 holes  $6,3 \times 5,2$

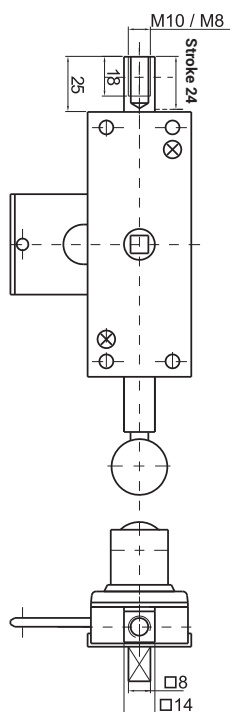
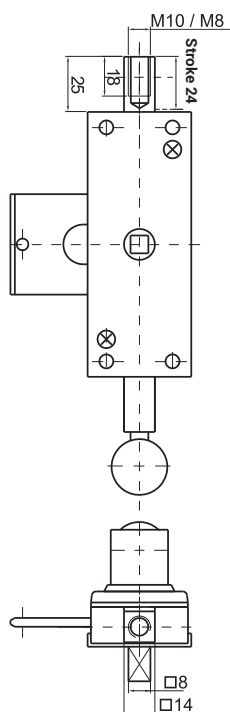
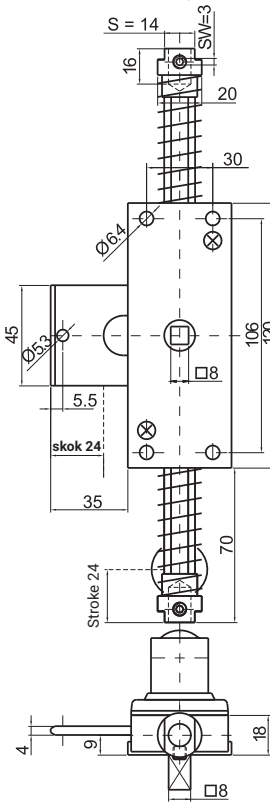
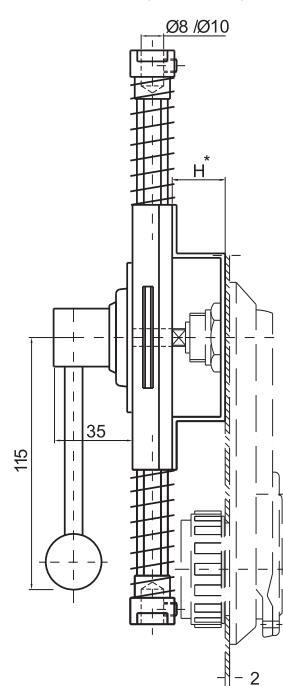


**ZWM8**  
(with thread M8)**ZWM10**  
(with thread M10)**NOTE:**

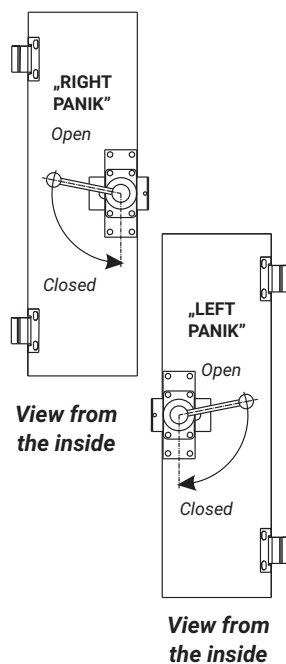
1. When ordering swinghandles RS100, RS130, RS140, RS110 RS210, RS200 for **internal lock** you should add letters ZW.
2. When ordering swinghandle RS100, RS200, RS130, RS140 RS110, RS210, for **intednal lock panik**, you should add letters ZWP.
3. Lock support only on special request.
4. Left or Right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

**ZWM8** (with hole ø8)**ZWM10** (with hole ø10)

Lock support

**ZWPM8**  
(with thread M8)**ZWPM10**  
(with thread M10)**ZWPM8** (with hole ø8)**ZWPM10** (with hole ø10)**NOTE:**

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



View from the inside

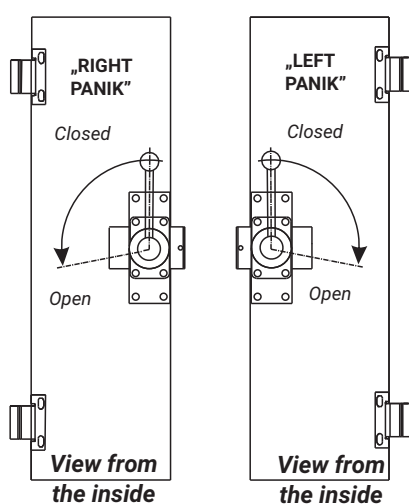
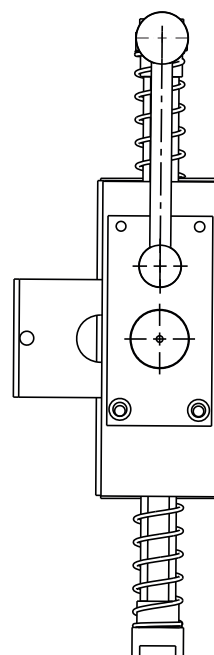
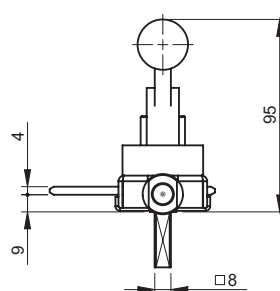
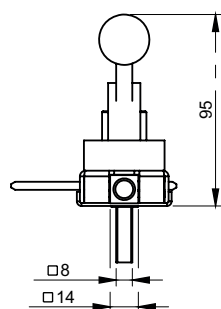
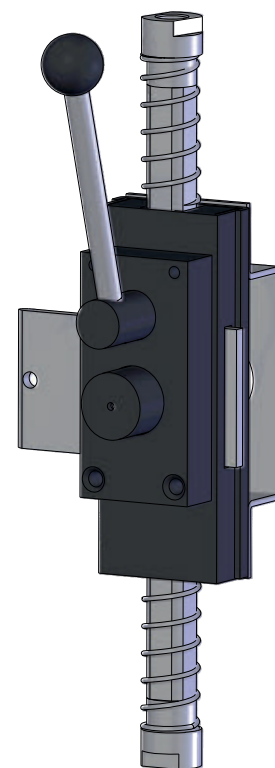
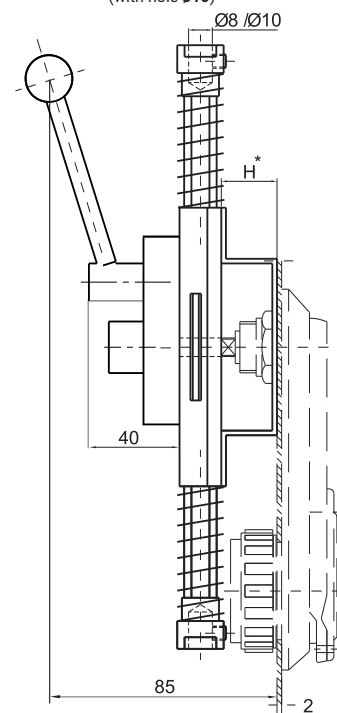
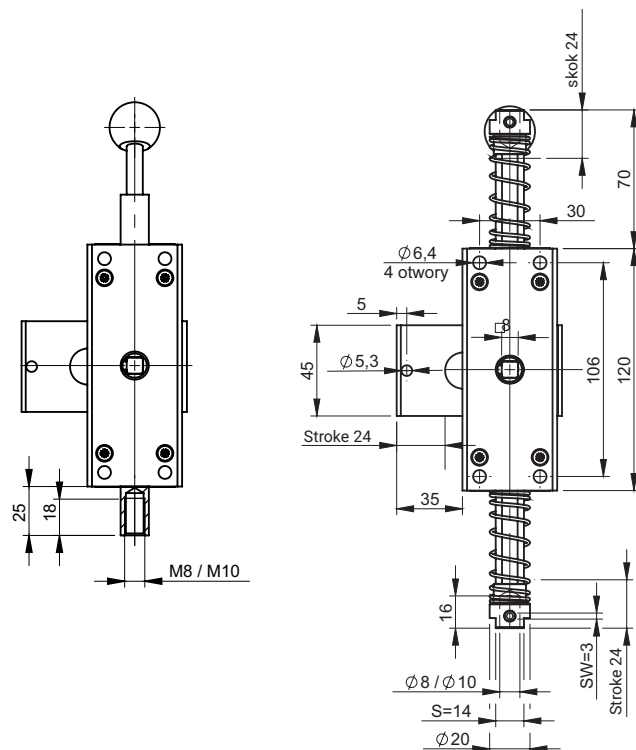
| NAME                                        | MATERIAL          | NAME                      | MATERIAL          |
|---------------------------------------------|-------------------|---------------------------|-------------------|
| Internal lock ZWM8                          | Steel zinc plated | Internal 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**      **ZWPM10.002**  
(with thread **M8**)      (with thread **M10**)

**ZWP8.002**  
(with hole ø8)

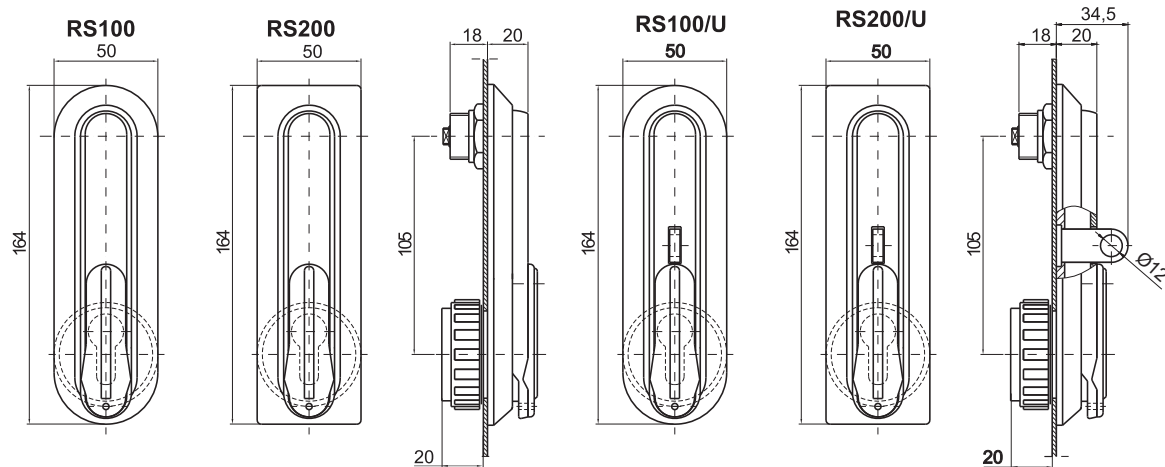
**ZWP10.002**  
(with hole  $\varnothing 10$ )



**NOTE:**

1. 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                      |                   |
| <b>• When ordering you must define H dimension</b> |                   |

**NOTE:**

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

(\*) - Padlock device is available with diameter Ø12

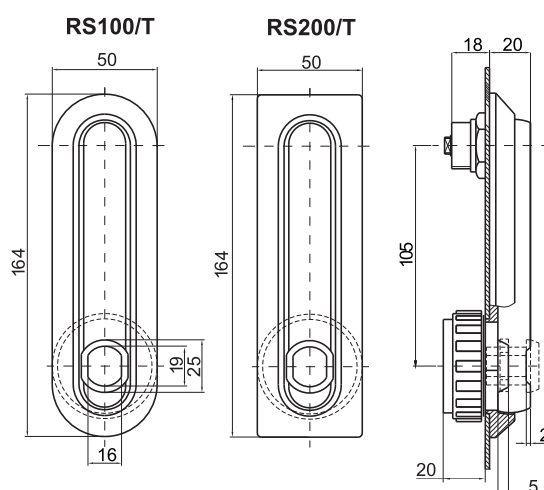


| LOCK TYPE               | COMPONENTS                | MATERIAL      |          |
|-------------------------|---------------------------|---------------|----------|
| RS100                   | Housing                   | Polyamide PA6 |          |
| RS200                   |                           |               |          |
| RS100/U                 | Housing<br>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       |

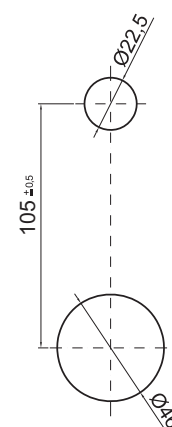
**How to order :**

Type of lock **RS100/U** — **[C]**  
Material handle, finish

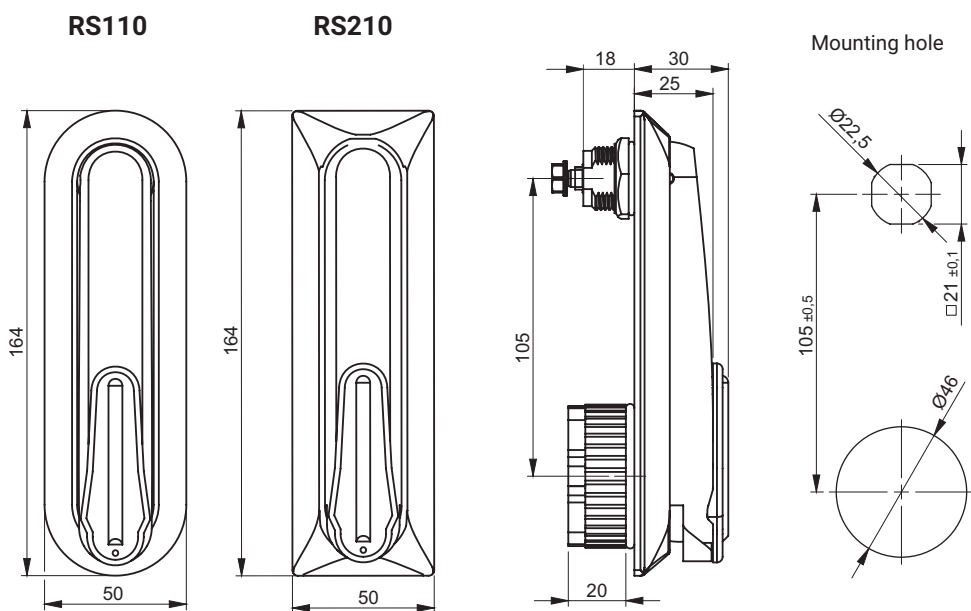
- Additionally there is a possibility of putting company logo a dust cover



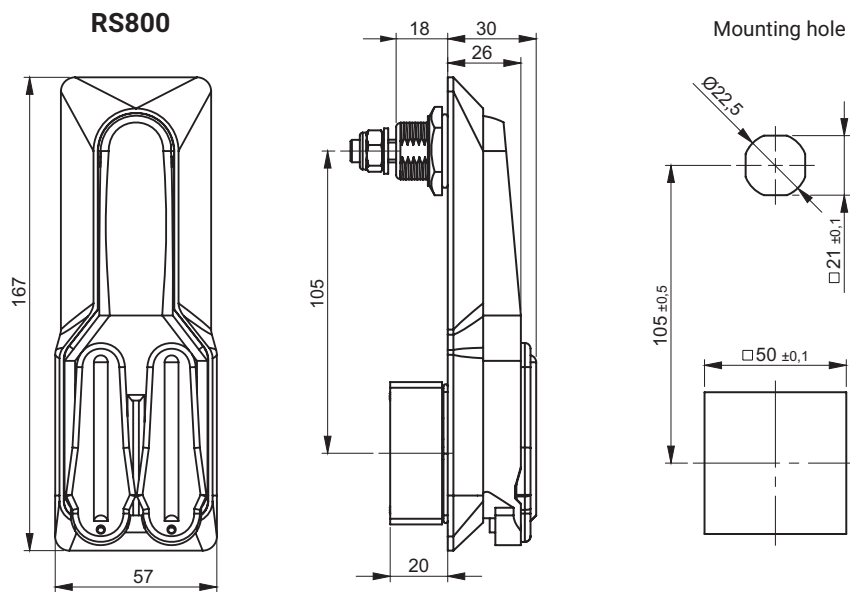
Mounting hole



| 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<br>RS210 | Housing, Handle | Polyamide<br>PA GF30 | 07         | 08       |



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

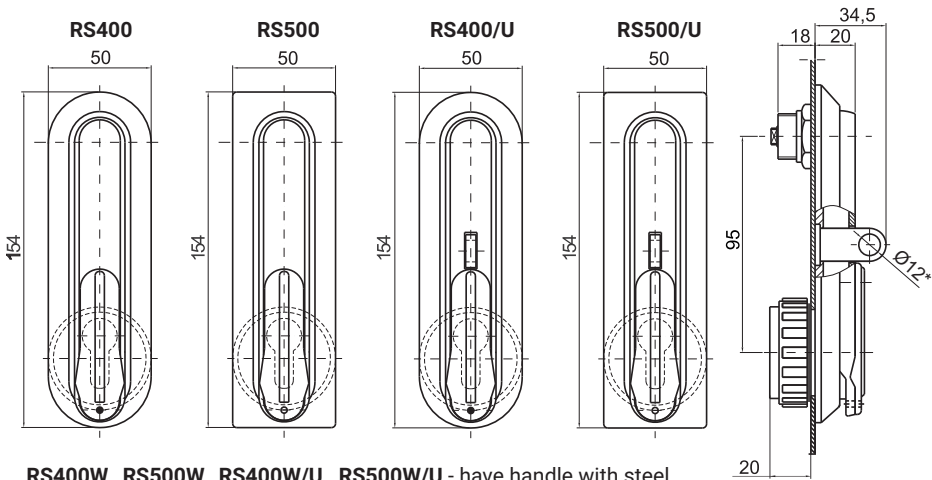
**NOTE:**  
Locking is the enhanced version or without reinforcement.  
RS800W - with steel reinforcement handle.

**How to order:**

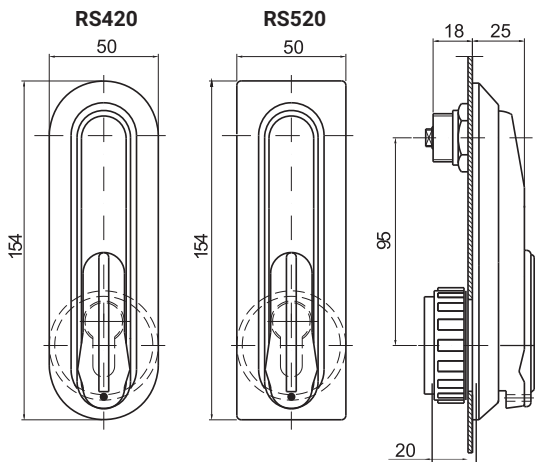
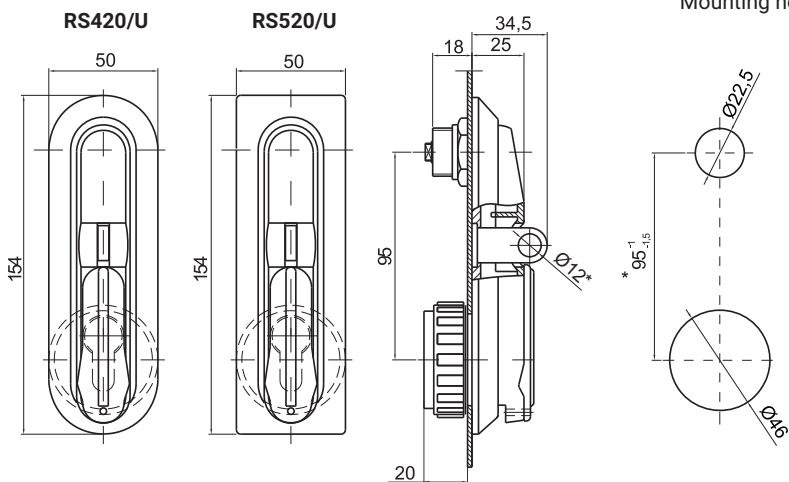
|                  |        |   |   |
|------------------|--------|---|---|
| Catalogue number | RS 800 | — | C |
| Finish           |        |   |   |

## Swinghandle

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



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



(\*) - Padlock device is available with diameter Ø12

| NAME                                                       |                                                            | COMPONENTS      | MATERIAL      | FINISH [C] |          |
|------------------------------------------------------------|------------------------------------------------------------|-----------------|---------------|------------|----------|
| RS400<br>RS400W<br>RS400/U<br>RS400W/U<br>RS420<br>RS420/U | RS500<br>RS500W<br>RS500/U<br>RS500W/U<br>RS520<br>RS520/U | Housing, handle | Polyamide PA6 | RAL 9005   | RAL 7035 |
|                                                            |                                                            |                 |               |            |          |
|                                                            |                                                            |                 |               |            |          |
|                                                            |                                                            |                 |               |            |          |
|                                                            |                                                            |                 |               |            |          |
|                                                            |                                                            |                 |               |            |          |

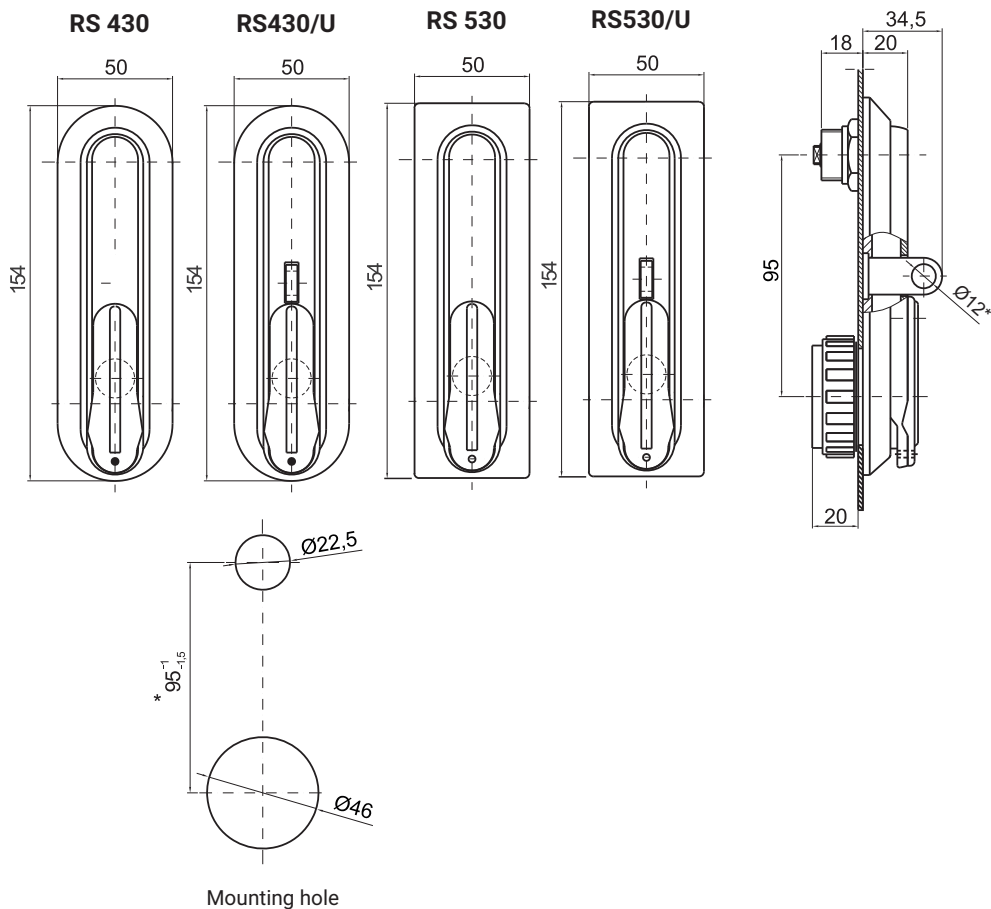
• Additionally there is a possibility of putting company logo on a dust cover

How to order: RS420/U — C  
 Catalogue number \_\_\_\_\_  
 Finish \_\_\_\_\_  
 | Swinghandles www.roztocze.eu



# Swinghandle

## RS430, RS430/U, RS530, RS530/U



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

How to order : **RS430/U — T9 — C**

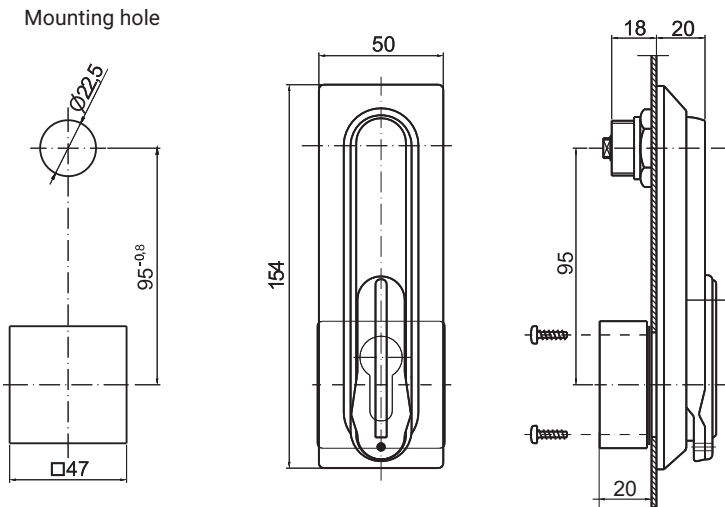
Type of lock \_\_\_\_\_  
Type of insert \_\_\_\_\_  
Finish \_\_\_\_\_

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

How to order : **RS430/U 1333 C**

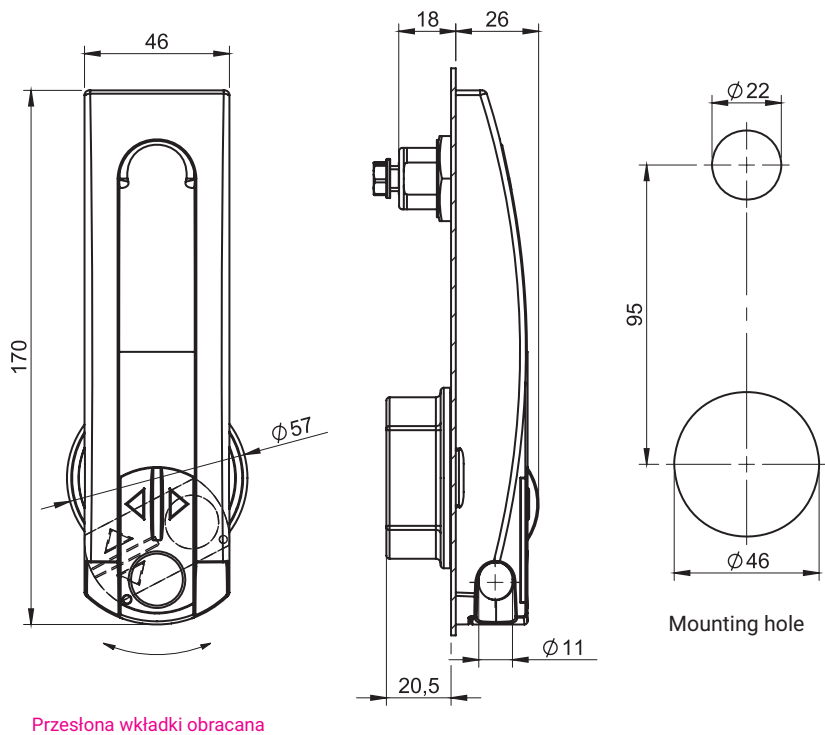
Type of lock \_\_\_\_\_  
Key code \_\_\_\_\_  
Finish \_\_\_\_\_

Lock with handle RS 430, RS 430/U, RS 530, RS 530/U is compatible with cam: 15, 16, 19, 21, 35, 36, JK-10018, JK1-10018, JK2-10018, J-6000  
H.G dimension to be chosen from pages 1C-10 to 1C-17



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

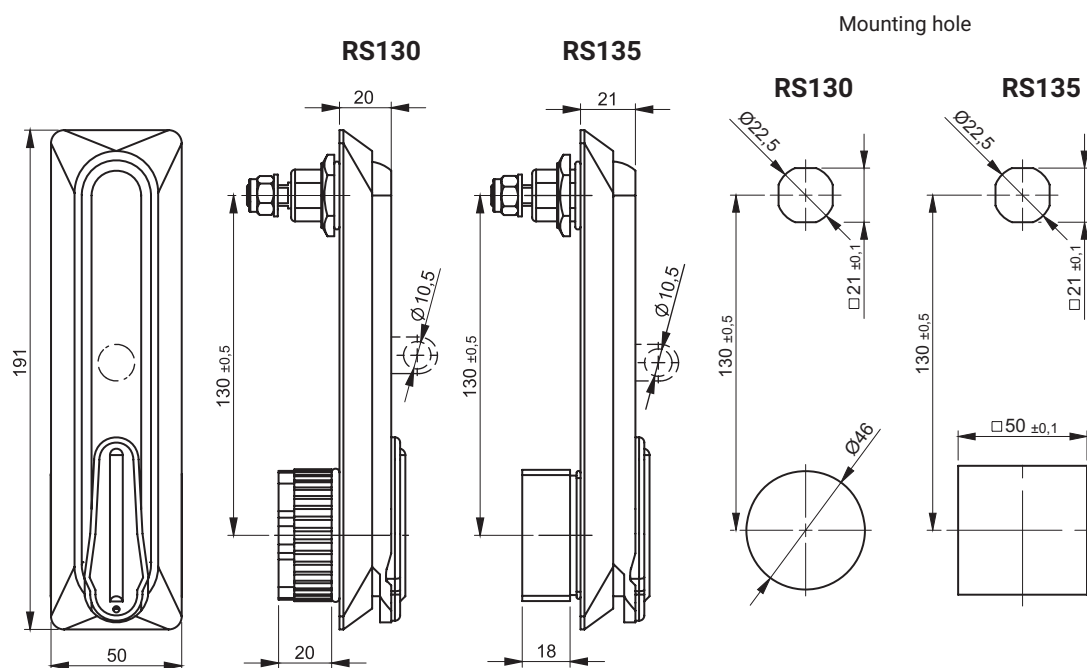
• **Additionally** there is a possibility of putting company logo on a dust cover



| LOCK TYPE | COMPONENTS      | MATERIAL        | FINISH [C] |          |
|-----------|-----------------|-----------------|------------|----------|
|           |                 |                 | RAL 9005   | RAL 7035 |
| RS900     | Housing, handle | Polyamide - PA6 | 07         | 08       |

How to order :

|              |       |   |
|--------------|-------|---|
| Type of lock | RS900 | C |
| Finish       |       |   |



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

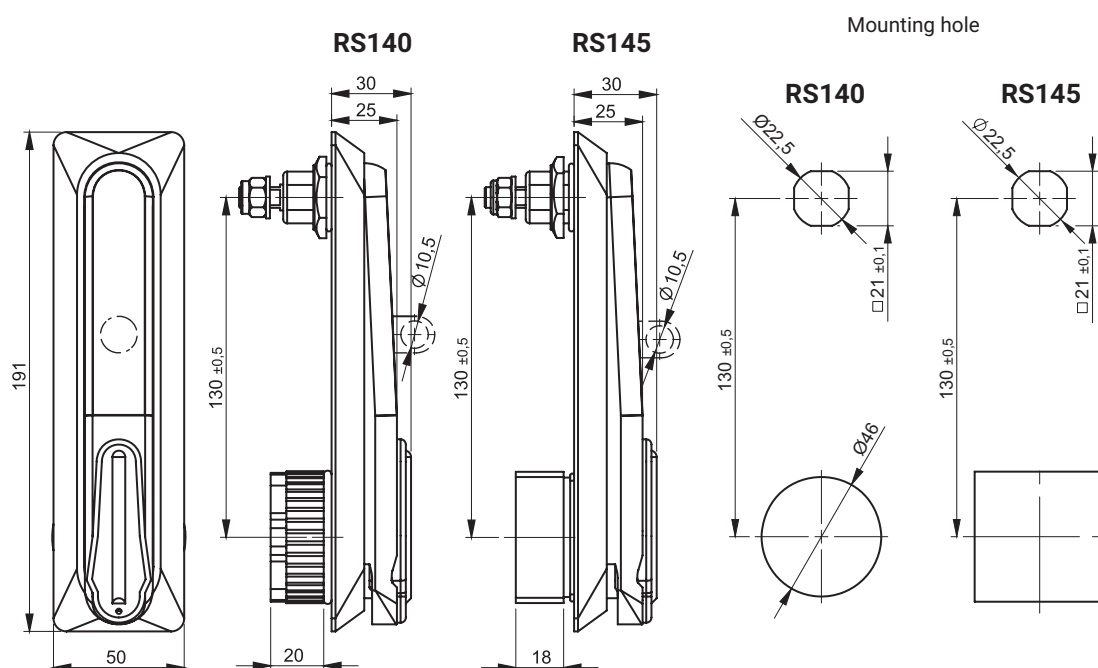
### How to order :

RS130

C

Type of lock

Material handle, colour



| LOCK TYPE                        | COMPONENTS | MATERIAL           | FINISH [C] |
|----------------------------------|------------|--------------------|------------|
|                                  |            |                    | RAL 9005   |
| RS140, RS140/U<br>RS145, RS145/U | Housing    | Polyamide PA6 GF30 | 04         |
|                                  | Handle     | ZAMAK5             |            |



**It has two opening points:**

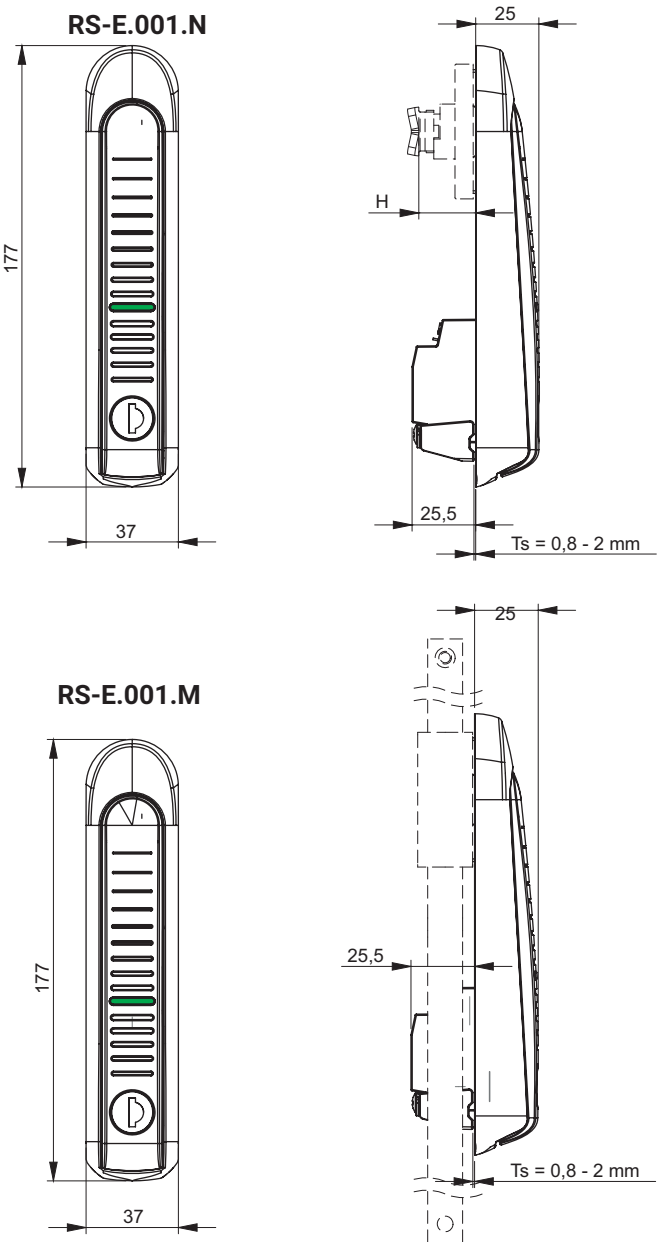
- Mechanical - cylinder with a patent key for emergency opening in case of power failure
- Electronic - built-in micro servo

**Technical data:**

- RFID technology
- 4-digit PIN code
- Compatible with the access control system EMI-One
- Built-in handle position sensor in the lock for warning purposes the user to leave the lock open when the cabinet door is closed.
- Power supply for 12V DC lock
- Built-in buzzer for lock action signaling
- LED indicating the lock status
- Storage of login information Minimum 10 years
- The RS-E.001.M lock cooperates with the cogwheel mechanism MZ2 (pp. 1C-30 to 1C-31)
- The RS-E.001.N lock cooperates with the 1C.902.001 cover plate.(pages 1C-27) and with cams 1-point from group 11, 13



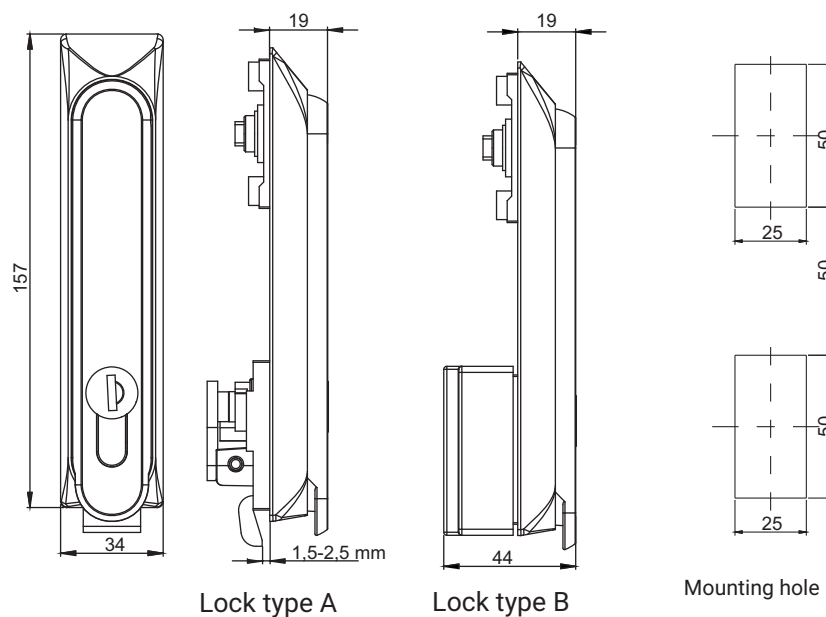




Power supply : 12V DC.  
Lock RS-E.001MZ is compatible with cogwheel mechanism MZ2 (pg 1C-30 to 1C-31) - should be ordered separately.  
Lock RS-E.001N is compatible with a cap 1C.902.001 (pg 1C-27)  
and cams: 1-point from group 11, 13 (pg 1C-10, 1C-11) - should be ordered separately.  
\* EMI access control equipment to be ordered separately

| CATALOGUE NUMBER                      | COMPONENTS                               | MATERIAL | FINISH [C]     |
|---------------------------------------|------------------------------------------|----------|----------------|
|                                       |                                          |          | RAL 9005       |
| RS-E.001.N<br>RS-E.001.M              | Handle, housing                          | PA6 GF30 | 07             |
| CONFIGURATIONS OF ACCESS ARE POSSIBLE |                                          |          |                |
| DESCRIPTION                           |                                          |          | CONFIGURATIONS |
| key                                   | Standard lock                            |          | 001            |
| key + RFID card                       | Stand-alone version with RFID system     |          | 002            |
| key + keypad                          | Stand-alone version with keypad lock     |          | 003            |
| key + EMI                             | Electronic lock with EMI* control system |          | 004            |
| key + RFID card + EMI                 | Electronic lock with EMI* control system |          | 005            |

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



Lock type A

Lock type B

Mounting hole



With cursor



With ear



Standard version



|             |          |                 |   |           |
|-------------|----------|-----------------|---|-----------|
| 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 |  |

How to order:

Catalogue number

Type of lock

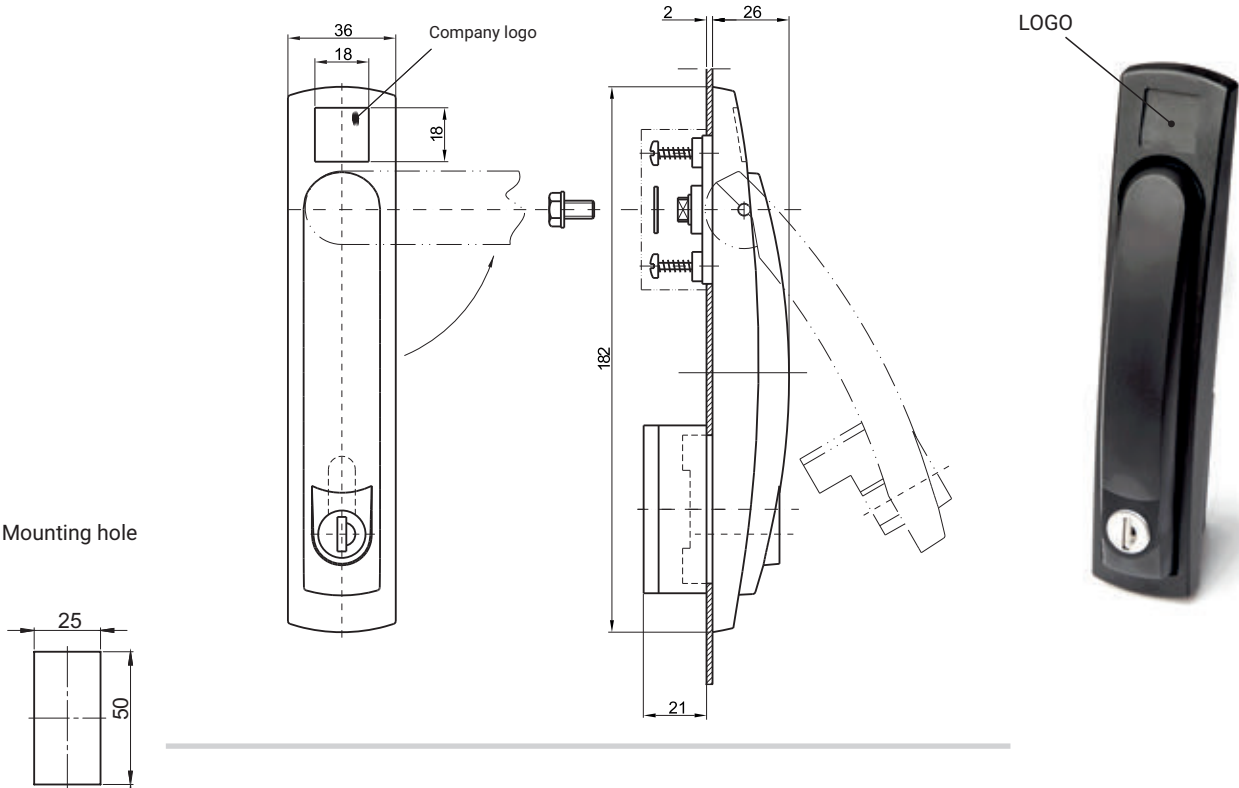
Finish

RS650.101

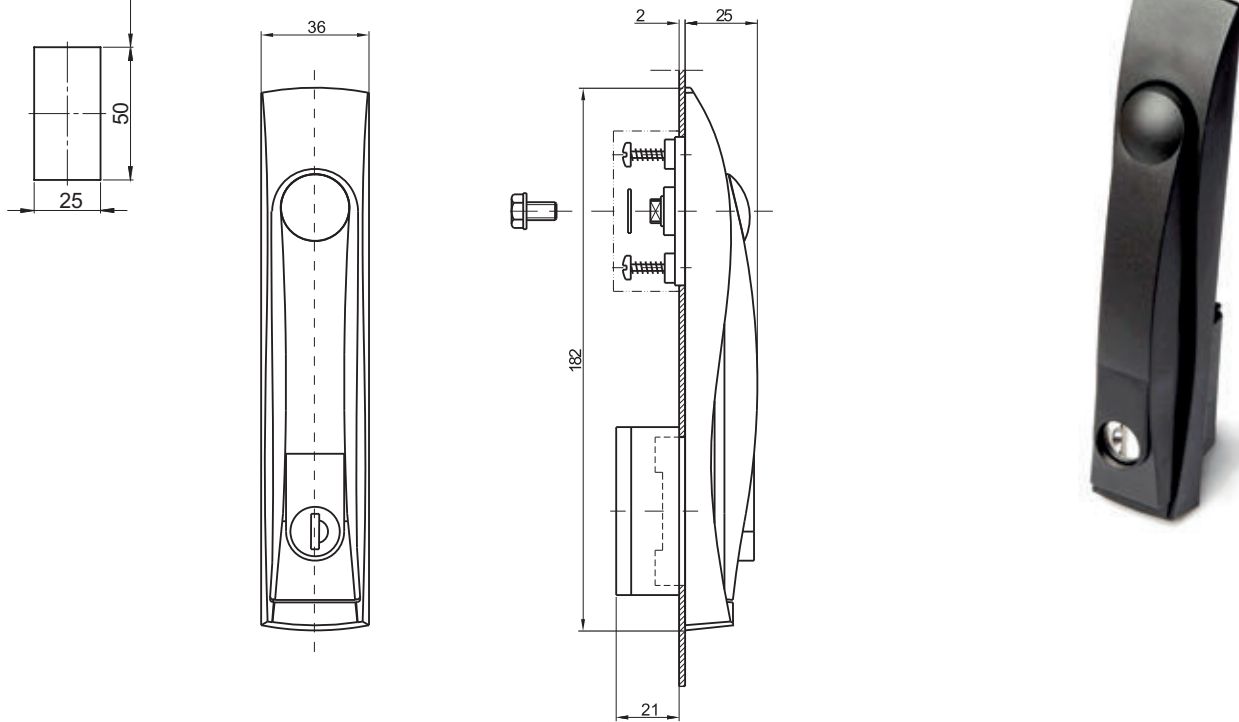
— 1333

— [C]

RS600



RS610.M  
RS610.N



\* possibility of making a logo by Pad Printing

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

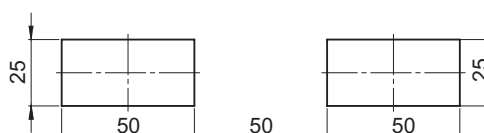
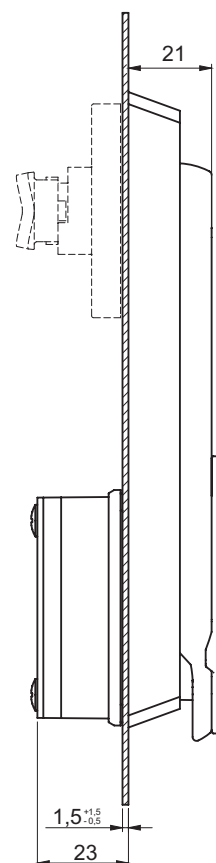
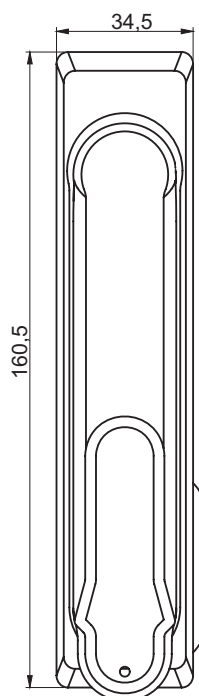
How to order:

Type of lock      RS610

Finish              [C]

stainless  
steel

IP65



Mounting hole

Additional equipment for the MZ cogwheel mechanism  
also for the N cap  
should be ordered separately check page 1A-3, 1A-4

| NAME      | COMPONENTS   | MATERIAL        |
|-----------|--------------|-----------------|
| RS173.002 | Body, Handle | Stainless steel |

How to order:

Type of lock  
Finish

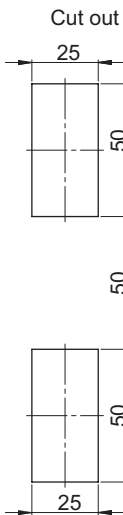
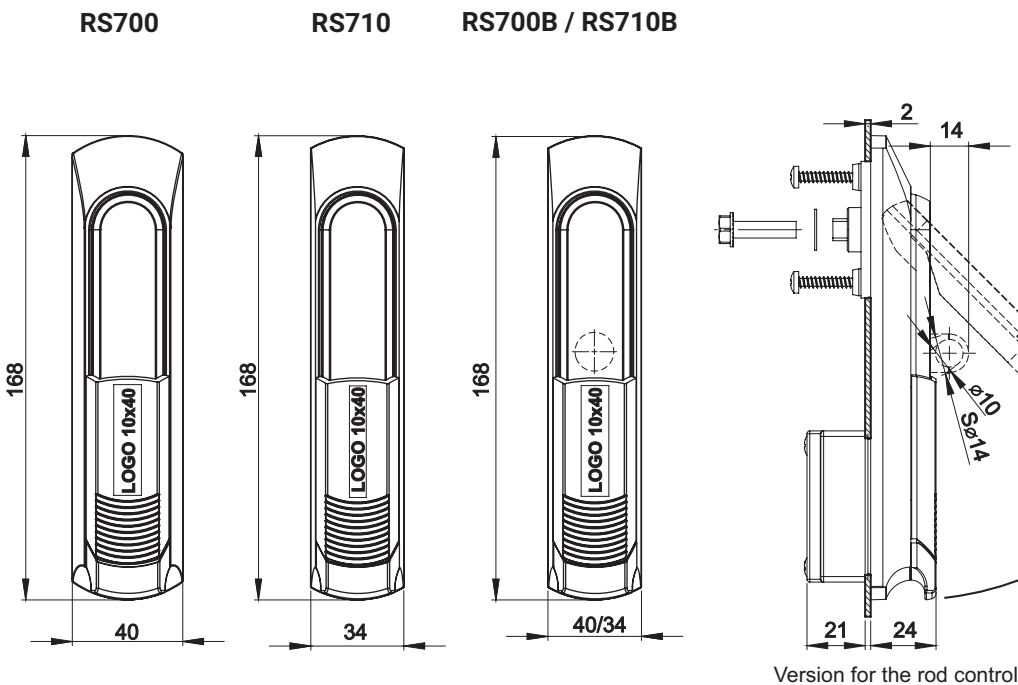
RS173.002 — SN

1B-13

| Swinghandles

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| 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<br>1C.902.001 | Housing,<br>Sliding dust cover | Polyamide |
| RS710.N                 |                           |                                |           |
| RS700B.N                |                           |                                |           |
| RS710B.N                |                           |                                |           |
| RS700.M                 | For the rod control       |                                |           |
| RS710.M                 |                           |                                |           |
| RS700B.M                |                           |                                |           |
| RS710B.M                |                           |                                |           |

How to order :      **RS700B.M**      —      **[C]**

Type of lock      \_\_\_\_\_

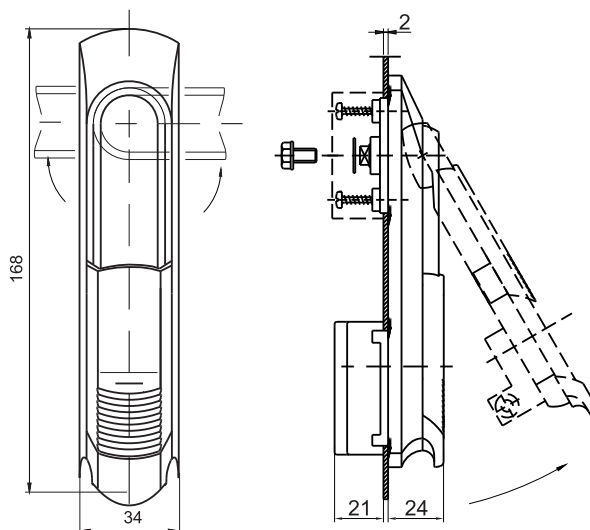
Material handle, finish      \_\_\_\_\_

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

The lock is fitted with gear mechanism (pg. 1C-30 to 1C-33)

or the cover plate 1C.902.001 (pg.1C-27), 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        |  |

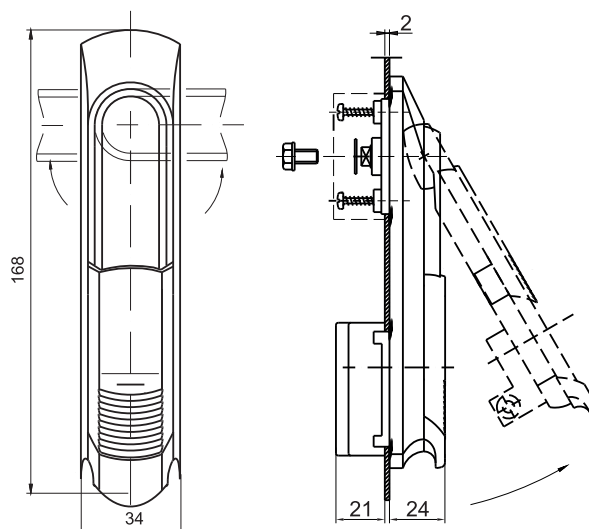
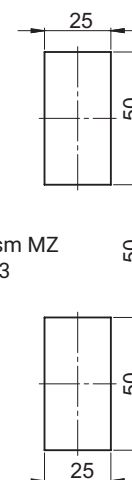
How to order :

Lock type

Key code

Finish

RS715.M — 1333 — [C]

Cap 1C.902.001  
page 1C-27Cogwheel mechanism MZ  
page 1C-28 do 1C-33

| 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

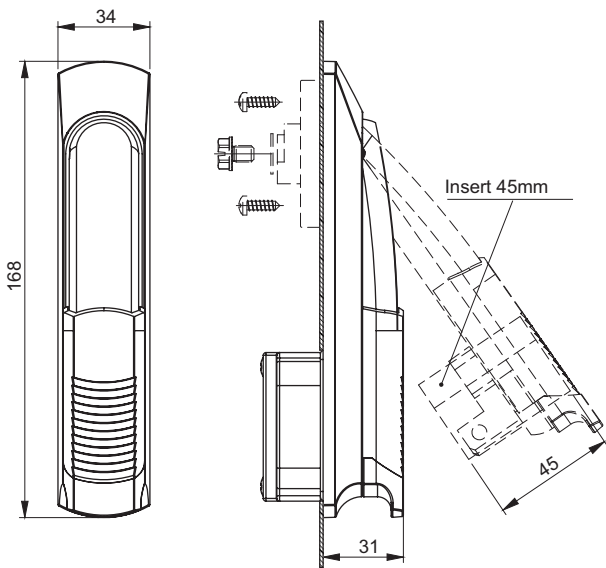
RS716.N — T9 — [C]

\*possibility to make company logo on handle

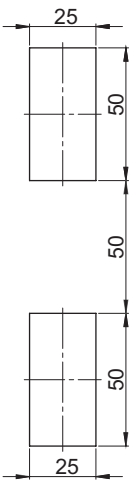
| Swinghandles

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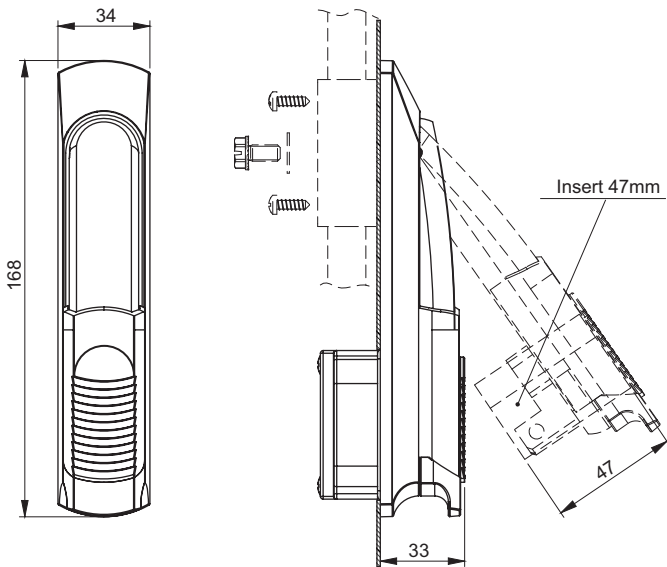
RS730-45



Mounting hole



RS730-47



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

How to order : **RS730-45.N — [C]**

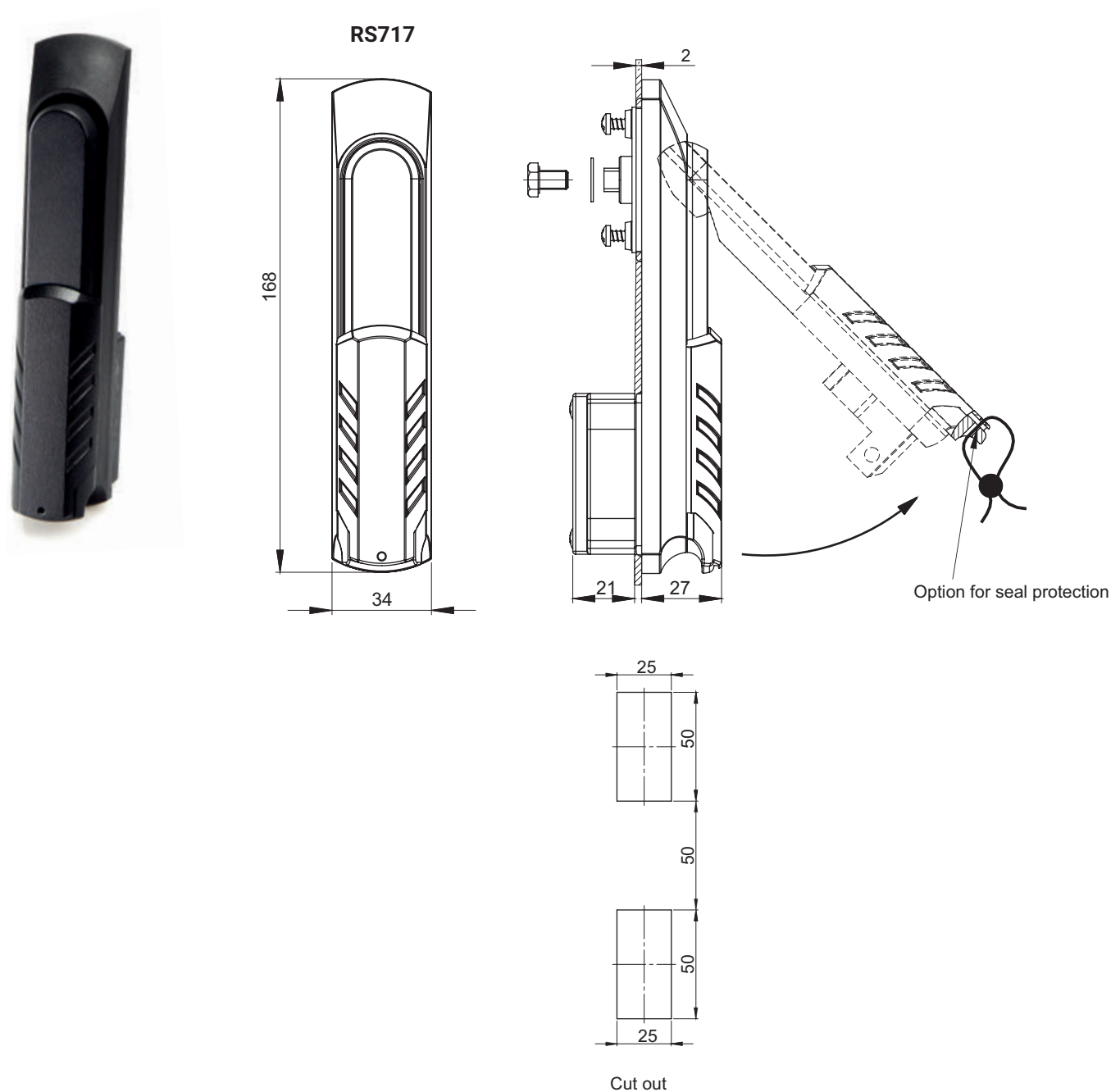
Lock type \_\_\_\_\_

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-30 to 1C-33)

or the cover plate 1C.902.001 (pg.1C-27), should be ordered separately.



| 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 :**

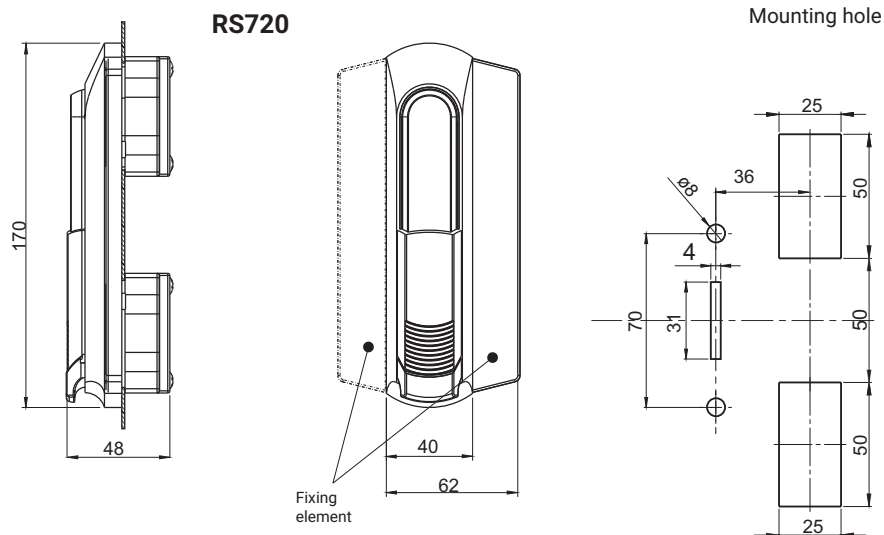
Type of lock **RS717.M** — **[C]**  
 Finish \_\_\_\_\_

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-30 to 1C-33)

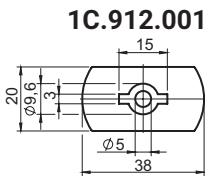
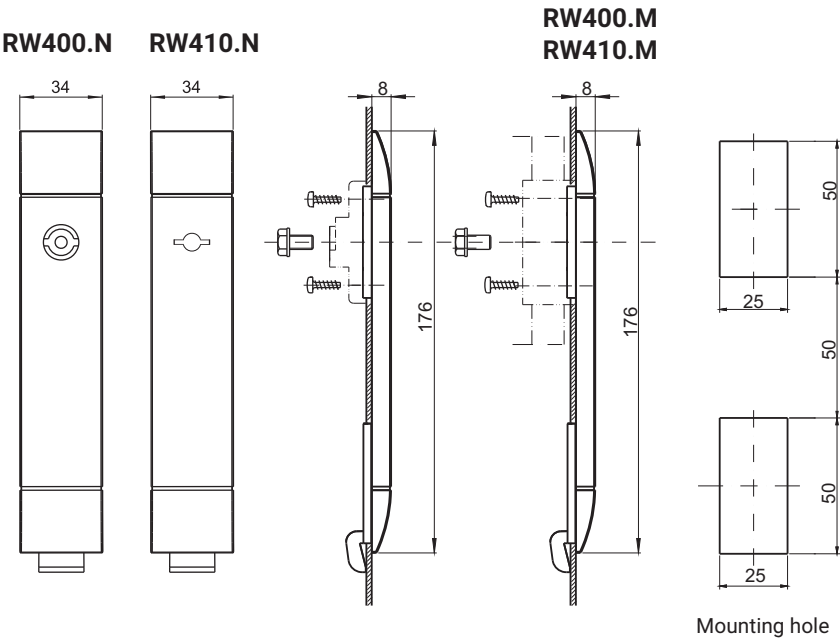
or the cover plate 1C.902.001 (pg. 1C-27), should be ordered separately.

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         |

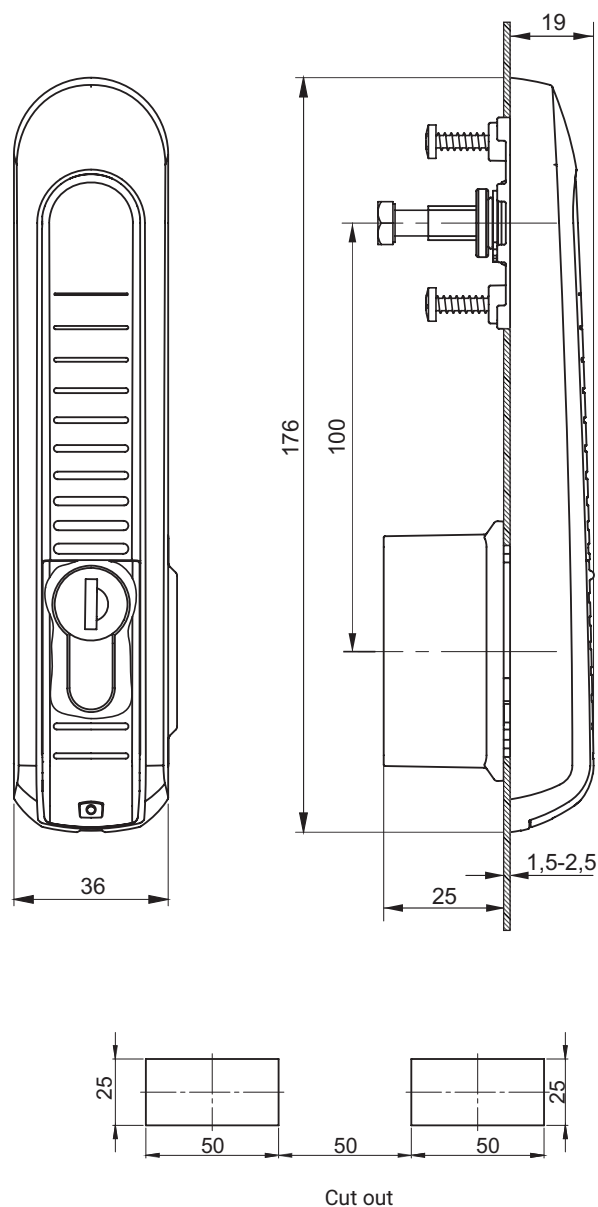


Protective cover compatible with locks: RW100, RW110, RW400

| TYPE OF LOCK                         | COMPONENTS       | MATERIAL  | FINISH [C] |
|--------------------------------------|------------------|-----------|------------|
|                                      |                  |           | RAL 9005   |
| RW400.N, RW410.N<br>RW400.M, RW410.M | Body             | Polyamide | 07         |
| 1C.912.001                           | Protective cover | Polyamide | 07         |

How to order :  
Type of lock      RW400.N — [C]  
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<br>PA6 GF30 | 07         | 08      |
| Handle             |                       |            |         |
| Sliding dust cover |                       |            |         |

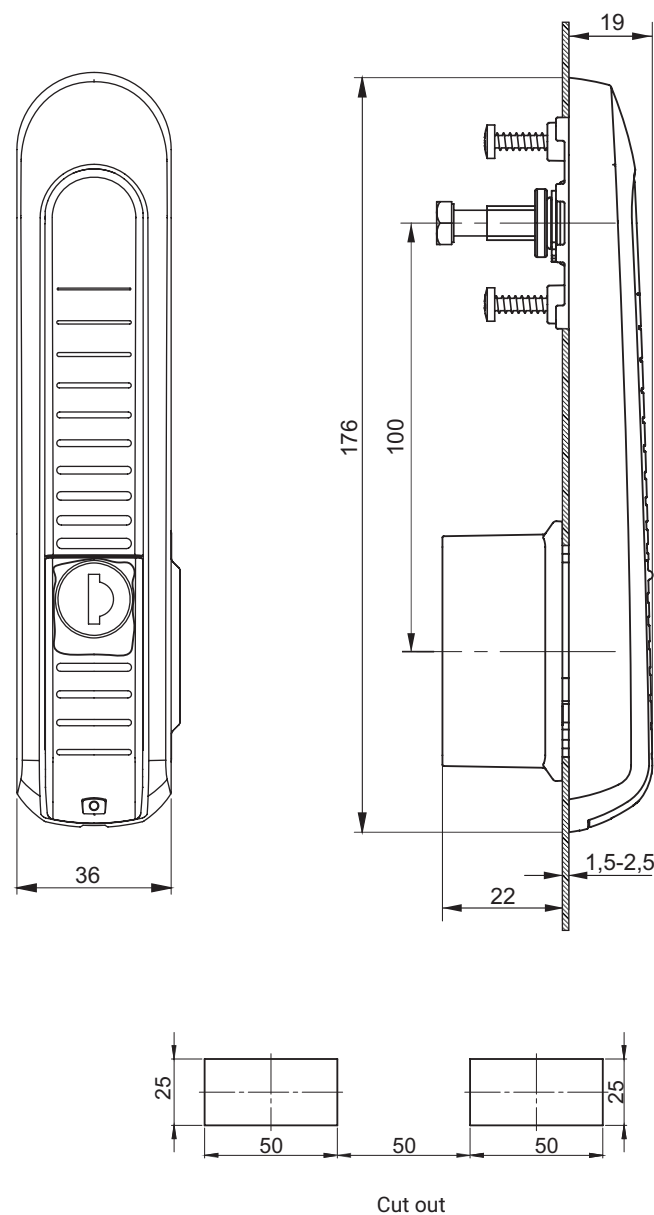
How to order :

Type of lock

Finish

RS761.N — [C]

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.



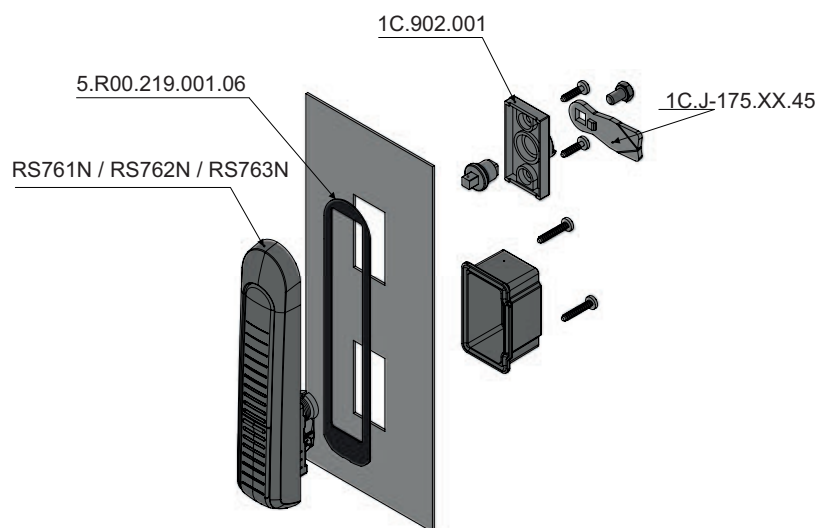
|                    |         |                                  |
|--------------------|---------|----------------------------------|
| TYPE OF LOCK RS762 | RS762.N | Version for a cap                |
|                    | RS762.M | Version for a cogwheel mechanism |

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

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

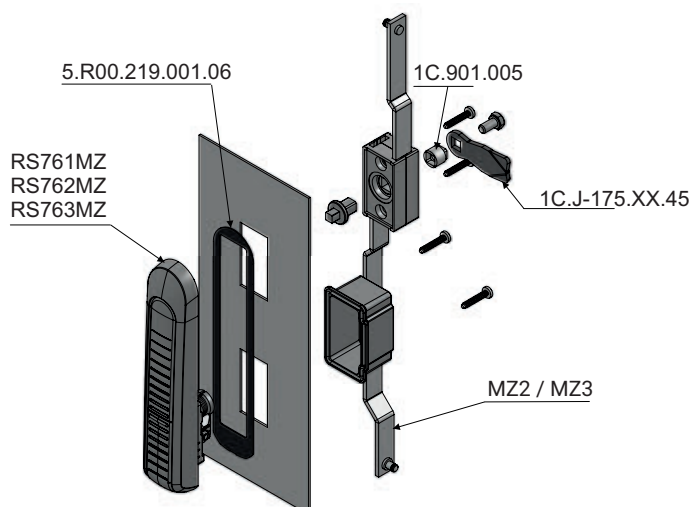
## Swinghandle version for a cap



## Components ordered separately

| TYPE OF LOCK                  | DETAIL                        | PAGE         |
|-------------------------------|-------------------------------|--------------|
| RS761.N<br>RS762.N<br>RS763.N | Cap 1C.902.001 / 1C.902.003   | 1C-27        |
|                               | 1-point cam, group: 11, 13    | 1C-10, 1C-11 |
|                               | 2-point cam, group: 21        | 1C-15        |
|                               | 3-point cam, group: 31, 33    | 1C-17, 1C-18 |
|                               | Rods                          | 1C-4, 1C-5   |
|                               | Rod guide                     | 1C-6         |
|                               | Gasket IP65 5.R.00.219.001.06 | -            |

## Locks for the gear mechanism

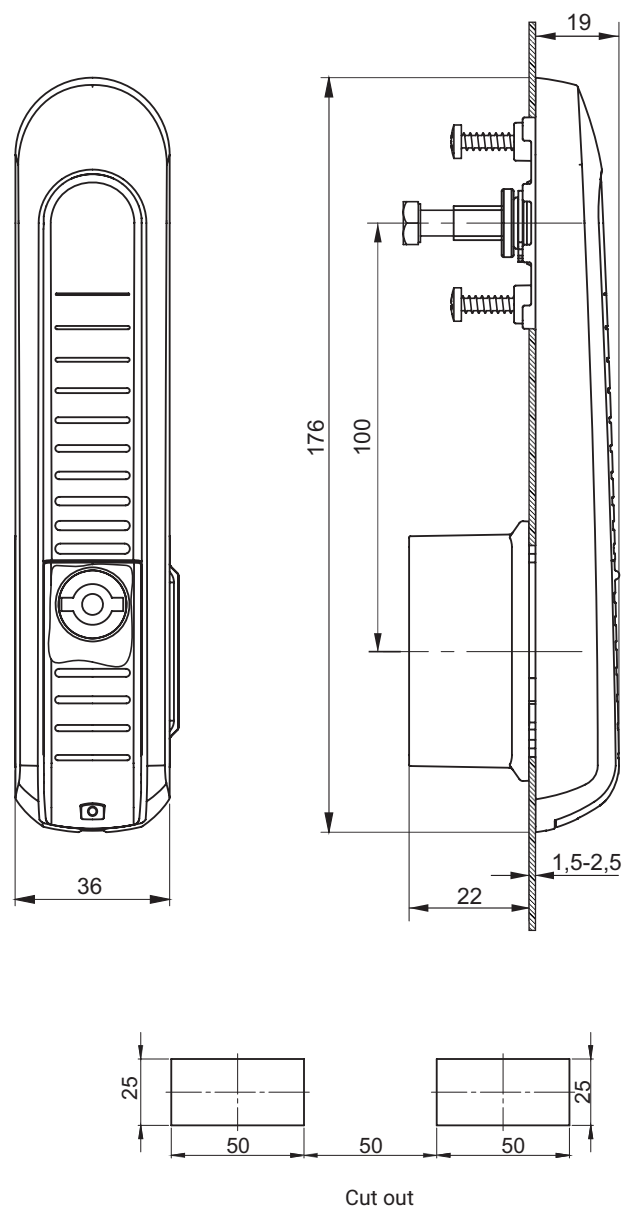


## Components ordered separately

| TYPE OF LOCK                  | DETAIL                        | PAGE                   |
|-------------------------------|-------------------------------|------------------------|
| RS761.M<br>RS762.M<br>RS763.M | Cogwheel mechanism MZ2 / MZ3  | 1C-30 - 1C-32          |
|                               | 1-point cam, group: 11, 13    | 1C-10, 1C-11           |
|                               | Bushing 1C.901.005            | 1C-27                  |
|                               | Flat rod                      | 1C-34 - 1C-40          |
|                               | Flat rod guide and brackets   | 1C-6, 8, 1C-35 - 1C-40 |
|                               | 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 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<br>PA6 GF30 | 07         | 08      | D3             | D5 | T8 | T9 | KW8 | S | N |
| Handle             |                       |            |         |                |    |    |    |     |   |   |
| Sliding dust cover |                       |            |         |                |    |    |    |     |   |   |

How to order :      **RS763.M** — **D5** — **[C]**

Type of lock

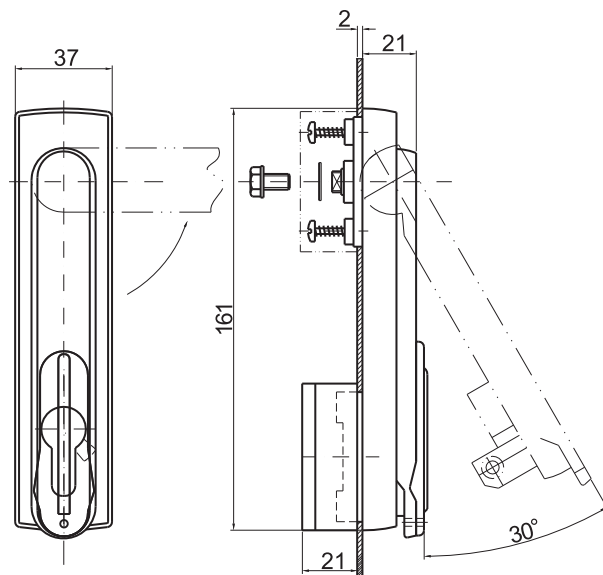
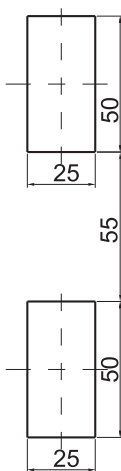
Insert

Finish

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



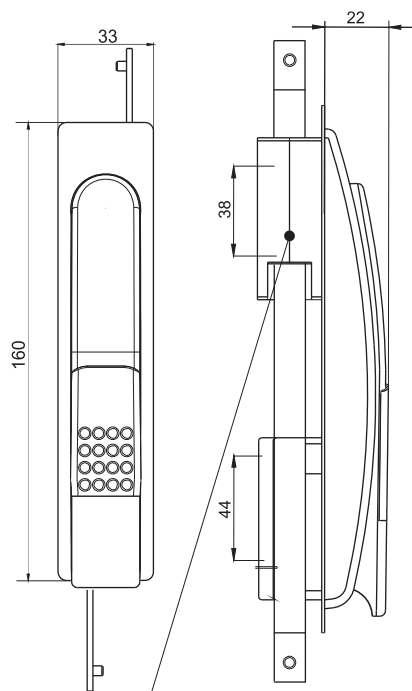
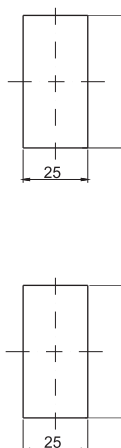
Mounting hole



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



Mounting hole



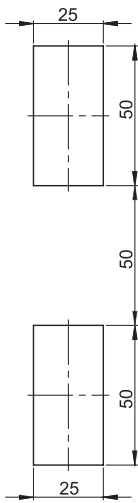
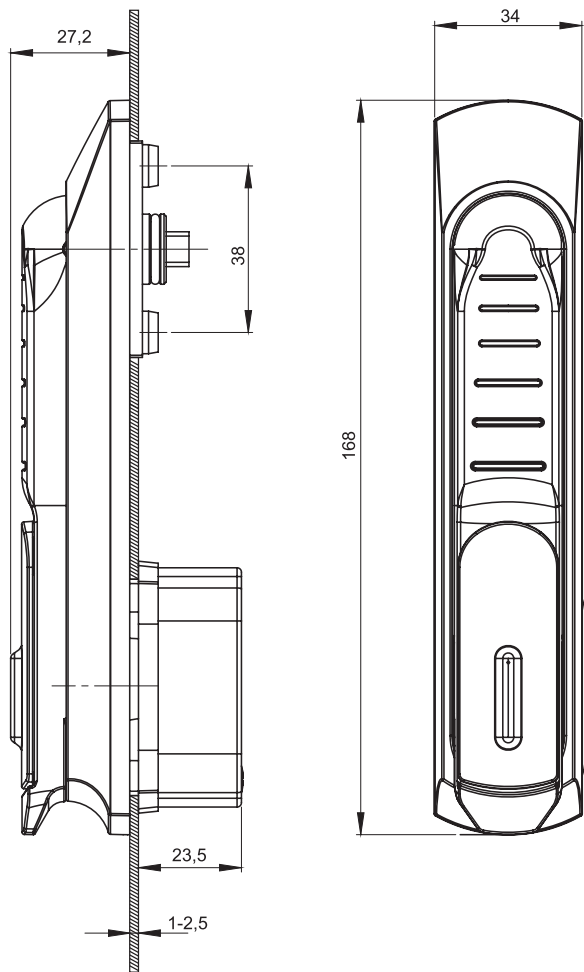
Cogwheel mechanism, page 1C-30-33

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

How to order :  
Type of lock  
Finish

RS750.M — [C]





Cut out



Swinghandle for Scandinavian cylinder.  
Cylinder not included.

| TYPE OF LOCK | VERSION                  | COMPONENTS                          | MATERIAL  | FINISH [C] |
|--------------|--------------------------|-------------------------------------|-----------|------------|
|              |                          |                                     |           | RAL 9005   |
| RS790.N      | For a cap                | Housing, Handle, Sliding dust cover | Polyamide | 07         |
| RS790.M      | For a cogwheel mechanism | Housing, Handle, Sliding dust cover | Polyamide | 07         |

How to order :

Type of lock

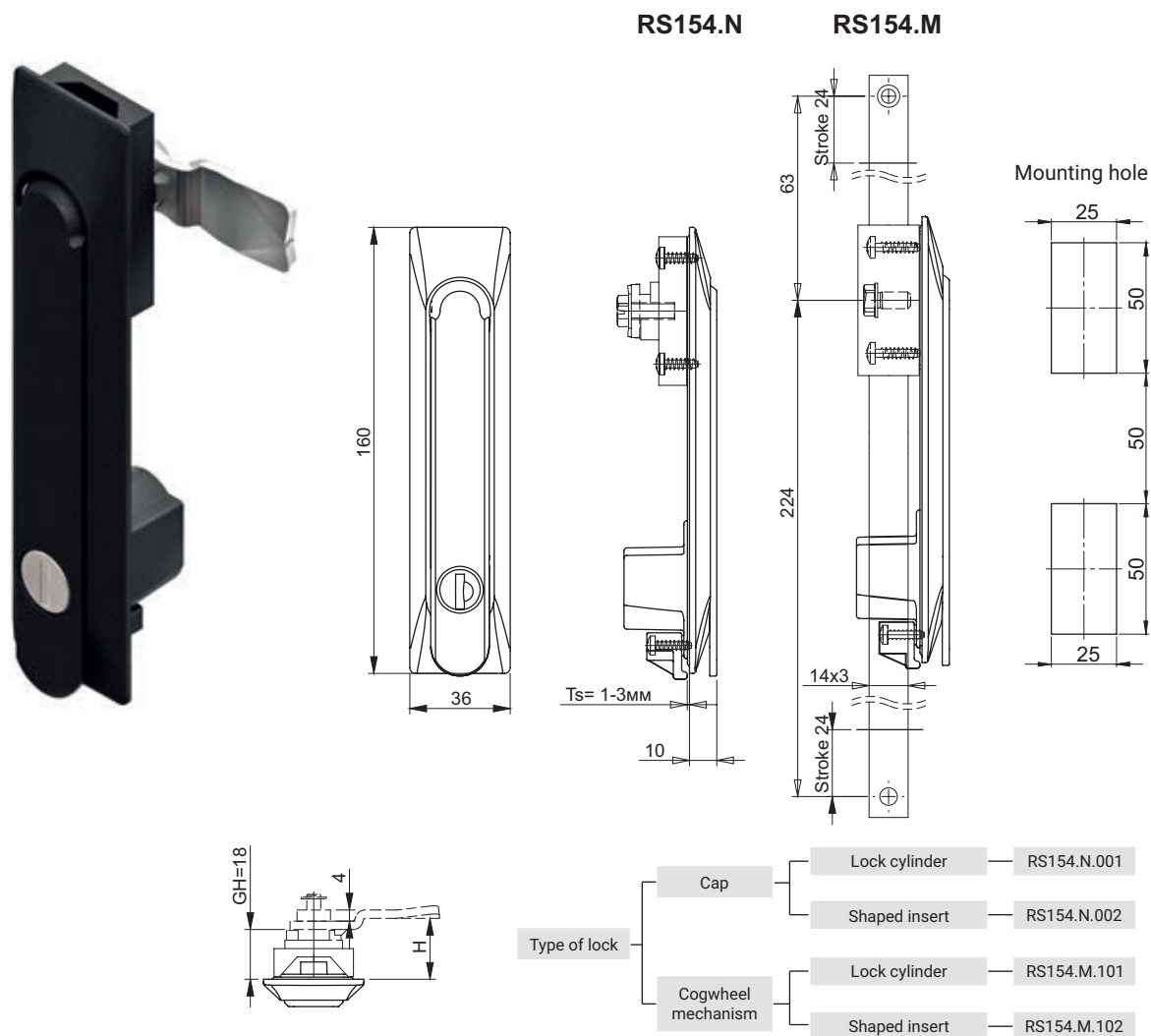
Finish

RS790.M

—

[C]

All components to order separately for version under a cap and a cogwheel mechanism are shown check pg. 1C-30 - 1C-32



| COMPONENTS         | MATERIAL | FINISH [C]  |          | LOCK CYLINDER           |      | SHAPED INSERT |     |
|--------------------|----------|-------------|----------|-------------------------|------|---------------|-----|
|                    |          | RAL 9005    | RAL 7035 | KEY CODE                |      | INSERT        |     |
| Body               | PA6 GF30 | 07          | 08       | Different<br>code<br>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.

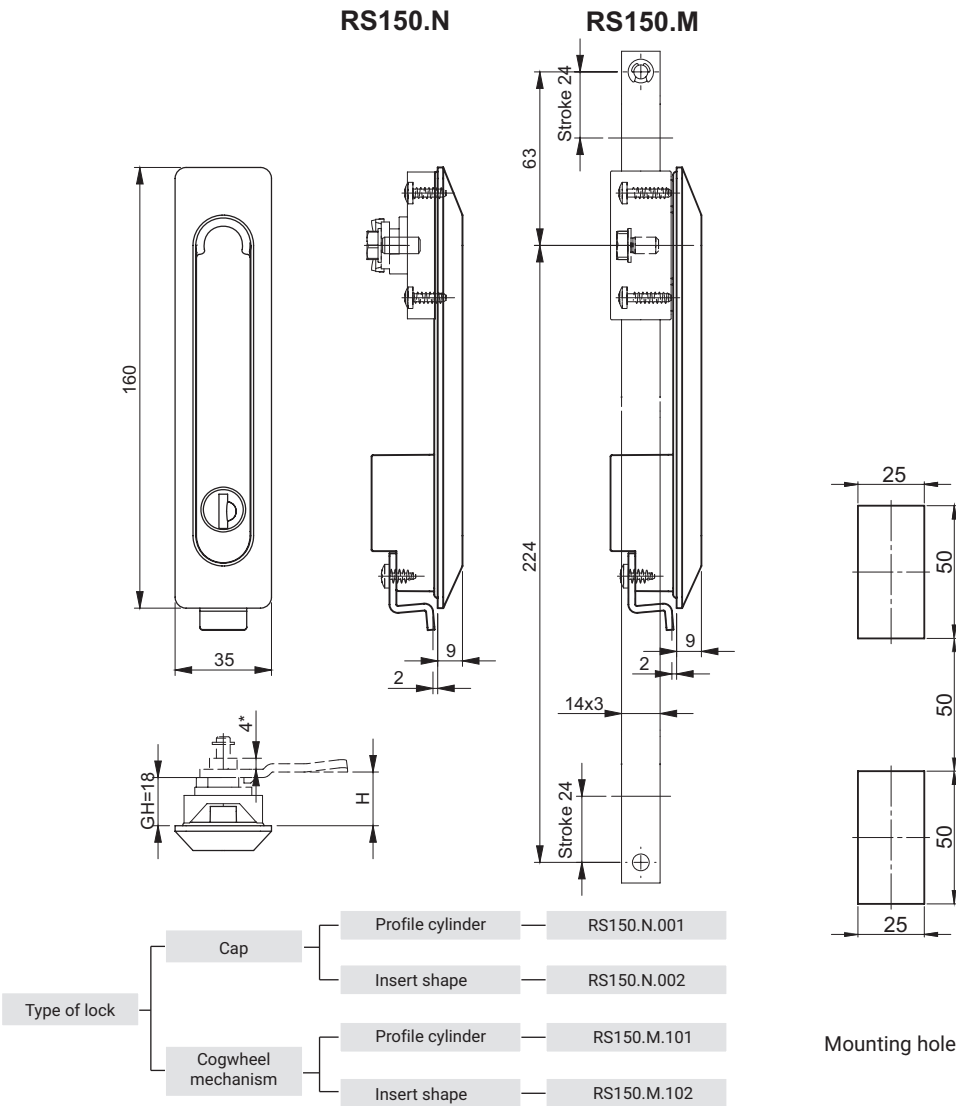
Additional components ordered separately, check page:

- 1 point cam (group: 11, 13).....
- 2 point cam JA-20018 ver. 3 (group: 21).....
- 3 point cam (group: 38) .....
- Rods.....
- Flat rod.....

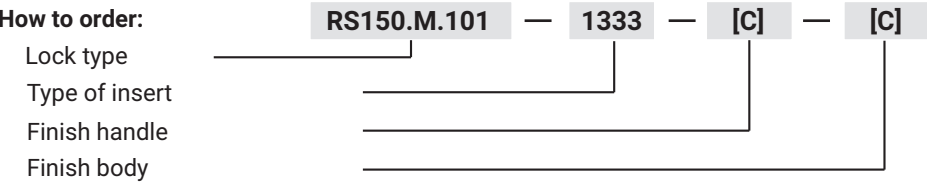
pg: 1C-10, 1C-11  
pg: 1C-15  
pg: 1C-22  
pg: 1C-4, 1C-5-7  
pg: 1C-34 to 1C-40

**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<br>code<br>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 |          |          |                         |      |              |     |



Lock comes in a set in version for cohwheel mechanism and for a cap.  
All components for assable are attached in a set.  
Additional components ordered seperately, check page:

|                                                |                    |
|------------------------------------------------|--------------------|
| - 1 point cam (group: 11, 13).....             | pg: 1C-10, 1C-11   |
| - 2 point cam JA-20018 ver. 3 (group: 21)..... | pg: 1C-15          |
| - 3 point cam (group: 38).....                 | pg: 1C-22          |
| - Rods.....                                    | pg: 1C-4, 1C-5-7   |
| - Flat rods.....                               | pg: 1C-34 to 1C-40 |

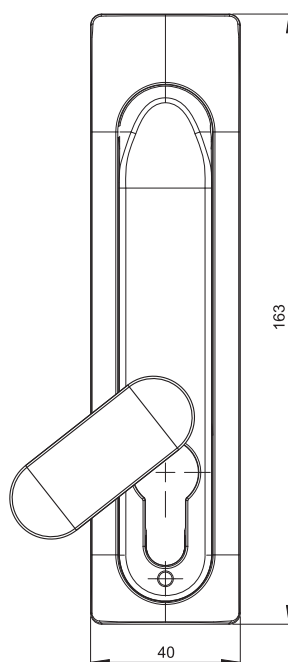
Tie-rods of cogwheel mechanism available in stainless steel

NEW

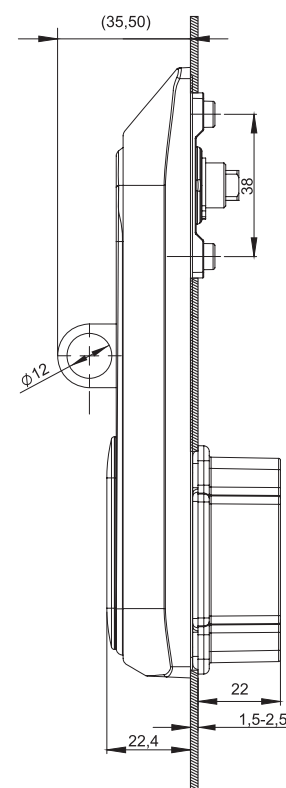
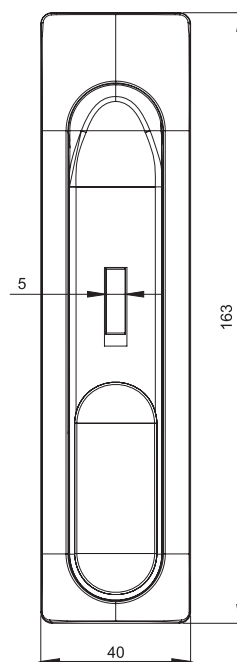
RS980



RS980



RS980/U



RS980/U



Swinghandle in accordance with RC2 ENV 1630 standard

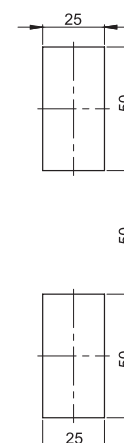
The lock has the **security level** in accordance with **DIN EN 50102**

The handle and housing **resistant to strain**.

Lock has a protection class IP 65

Lock from material ZAMAK 5

Patented insert to order separately, check pg. 1C-1, 1C-2



Cut out

| TYPE OF LOCK | VERSION                  | COMPONENTS                                          | MATERIAL | FINISH [C] |
|--------------|--------------------------|-----------------------------------------------------|----------|------------|
|              |                          |                                                     |          | RAL 9005   |
| RS980.N      | For a cap                | Housing, Handle, Sliding dust cover                 | ZAMAK    | 04         |
| RS980/U.N    |                          | Housing, Handle, Sliding dust cover, Padlock device |          |            |
| RS980.M      | For a cogwheel mechanism | Housing, Handle, Sliding dust cover                 | ZAMAK    | 04         |
| RS980/U.M    |                          | Housing, Handle, Sliding dust cover, Padlock device |          |            |

How to order :

Type of lock

Finish

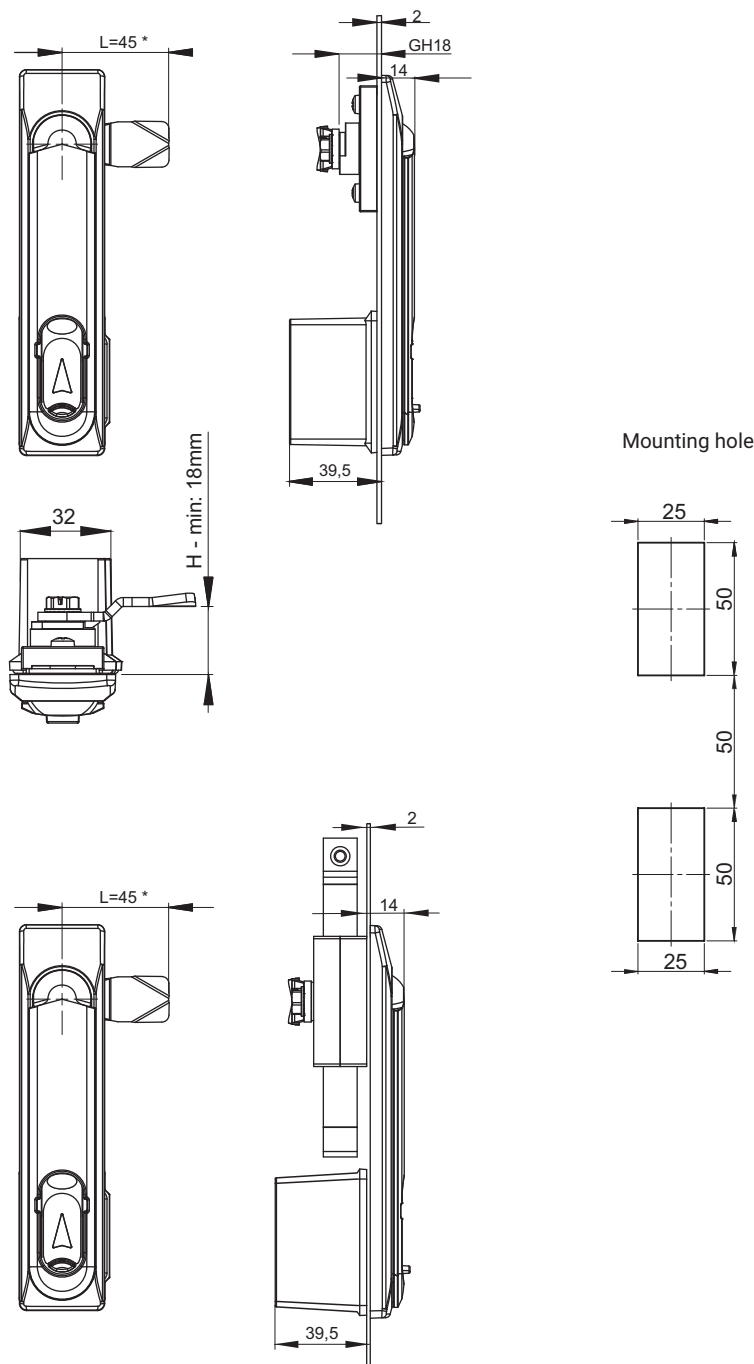
RS980.M

[C]

Version N



Version M

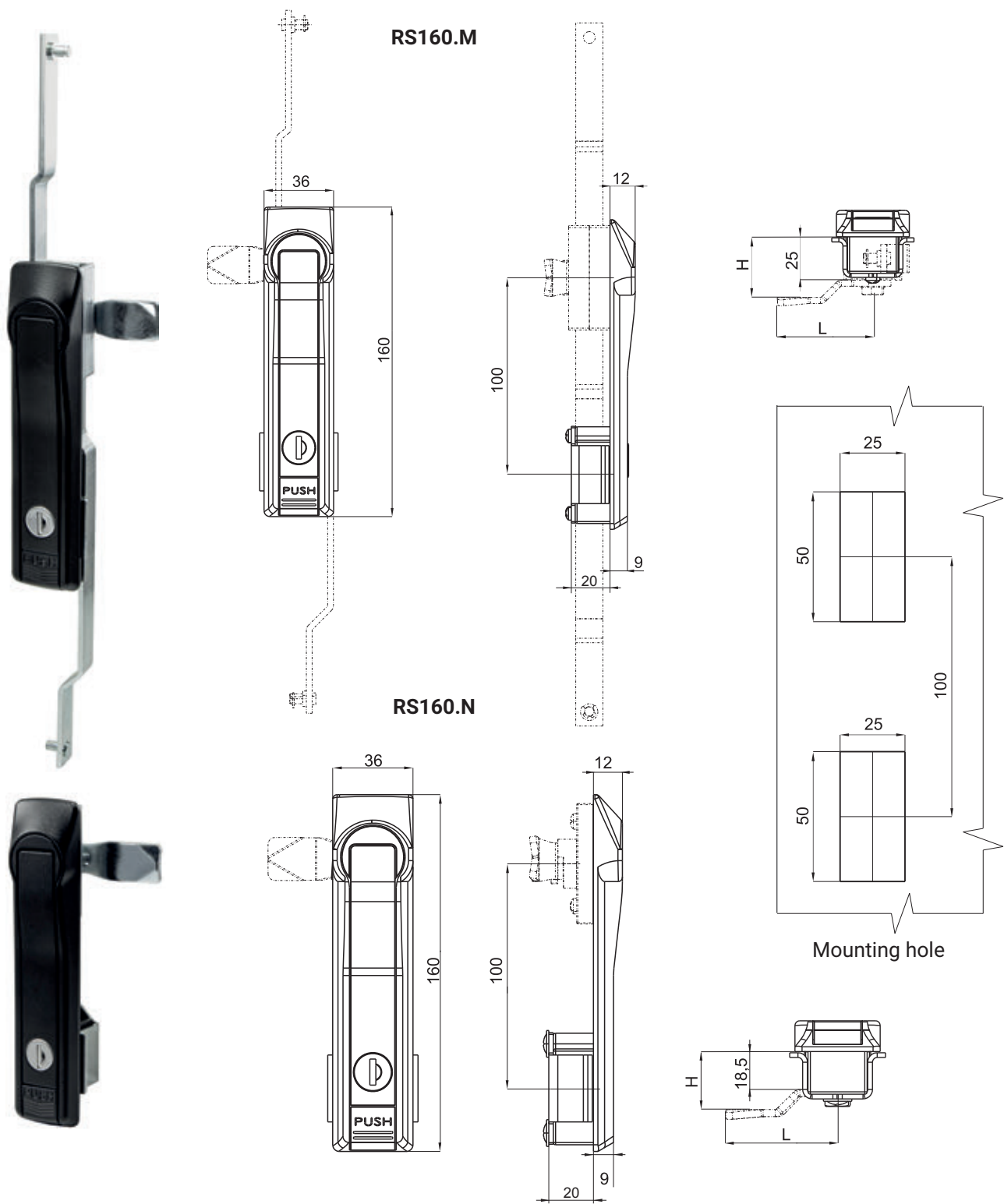


|                       |             |         |
|-----------------------|-------------|---------|
| Type of lock<br>RS950 | Cap         | RS950.N |
|                       | Rod control | RS950.M |

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

How to order : RS950.N — [C]  
Type of lock  
Finish



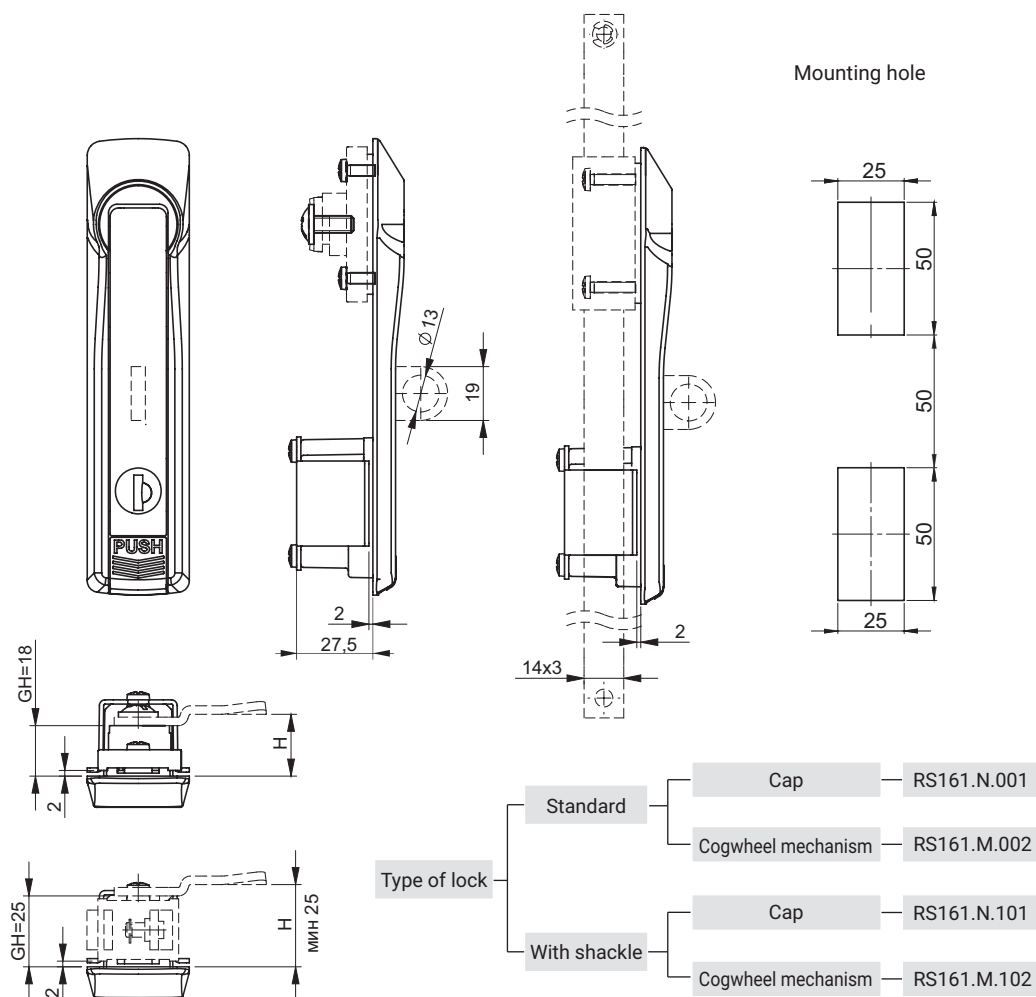


| TYPE OF LOCK | COMPONENTS | MATERIAL  | FINISH [C] |          |
|--------------|------------|-----------|------------|----------|
|              |            |           | Chrome     | RAL 9005 |
| RS160.N      | Body       | Polyamide | -          | 07       |
| RS160.M      | Handle     | ZAMAK5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

How to order :  
Type of lock  
Finish body  
Finish handle

RS160.N — [C] — [C]

## 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<br>code<br>RK | 1333 |
| Handle     |          | 01                 | 04       | 09            |                         |      |
| Clamp*     | Steel    | O cynk galwaniczny |          |               |                         |      |

**How to order:**

Type of lock  
Type of insert  
Housing finish  
Handle finish

RS161.M.101 — RK — [C] — [C]

Additional components ordered seperately check page:

- Cap 1C.902.001.....pg: 1C-27,
- Cogwheel mechanism MZ2, MZ3.....pg: 1C-30 to 1C-33,
- Cam adapter 1C.903.001.....pg: 1C-27,
- 1 point cam (group: 11, 13).....pg: 1C-10, 1C-11,
- Rods.....pg: 1C-4, 1C-5, 1C-7
- Flat rods.....pg: 1C-34 to 1C-40

**Notes:**

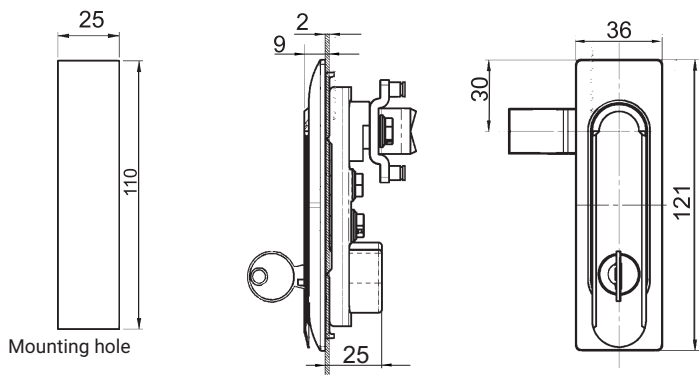
Lock RS161MZ is compatible with cogwheel mechanism MZ2 and MZ3.

While using 1 point cam with cogwheel mechanism ordering can adapter (1C.903.001) (pg 1C-27) and screw M6X23 is a necessity.

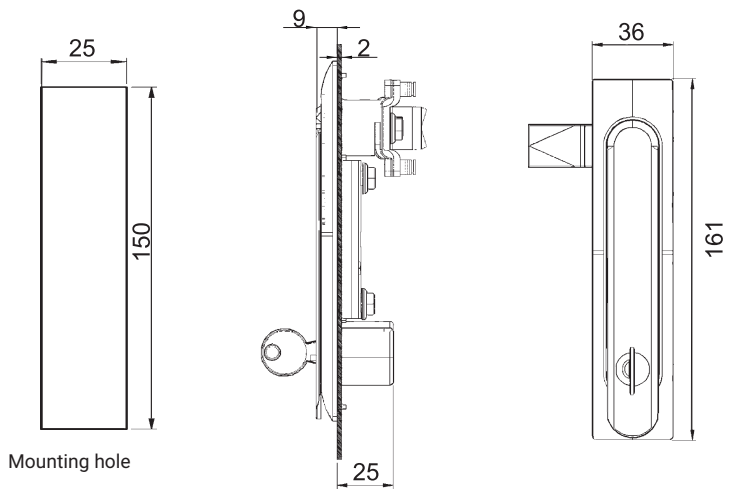
\* Stainless steel available.



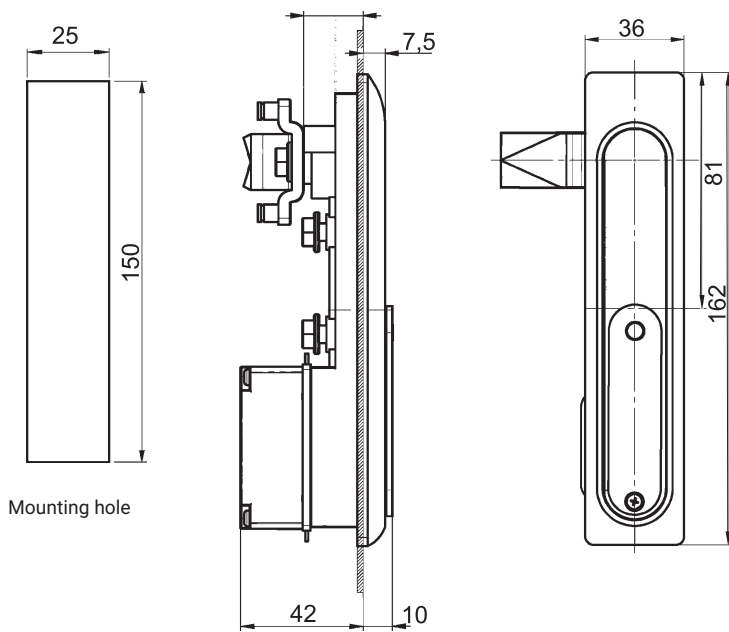
RS174.001



RS174.002

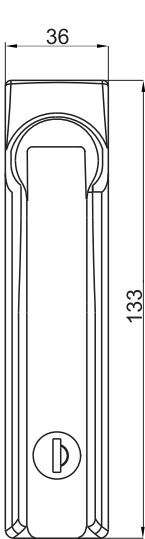


RS175.001

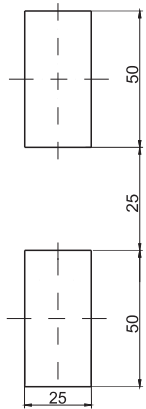
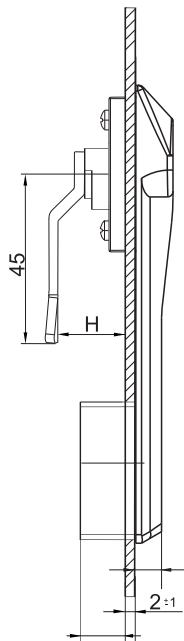


| TYPE OF LOCK                        | COMPONENTS   | MATERIAL | FINISH [C] |
|-------------------------------------|--------------|----------|------------|
|                                     |              |          | RAL 9005   |
| RS174.001<br>RS174.002<br>RS175.001 | Body, Handle | ZAMAK   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

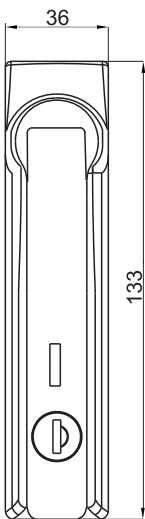
How to order : RS174.002 — [C]  
 Type of lock  
 Finish



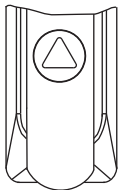
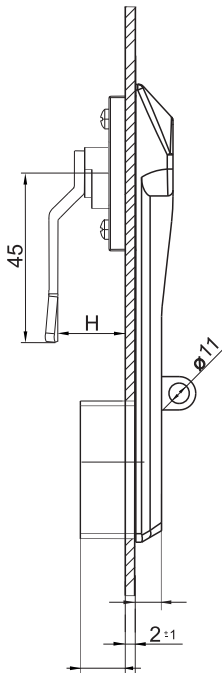
RS168  
(without pin)



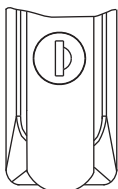
Mounting hole



RS168/B  
(with pin)



Version B

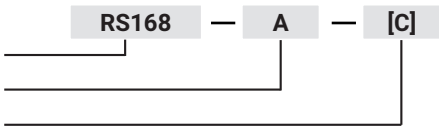


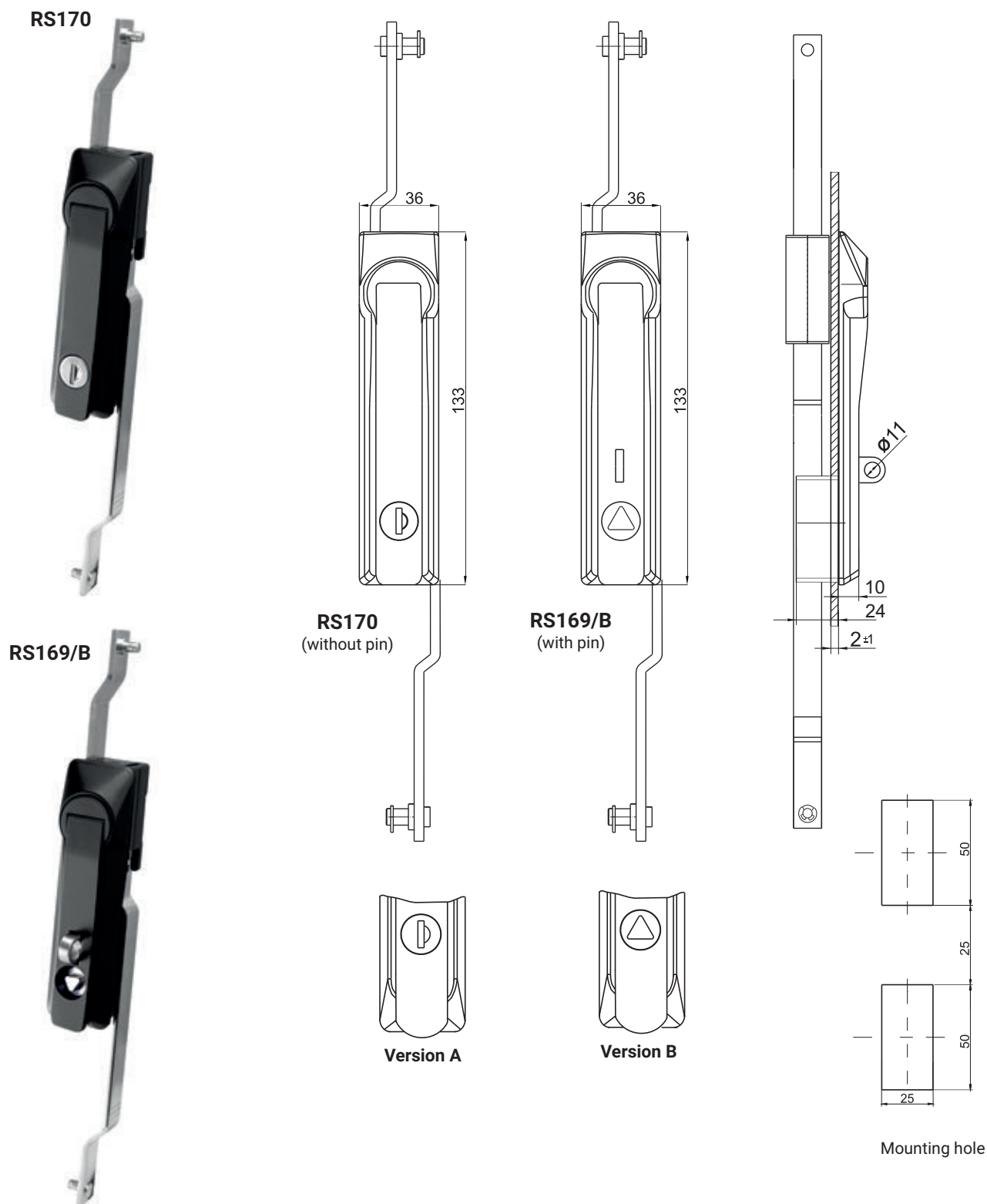
Version A



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

How to order :  
Type of lock  
Lock version  
Finish



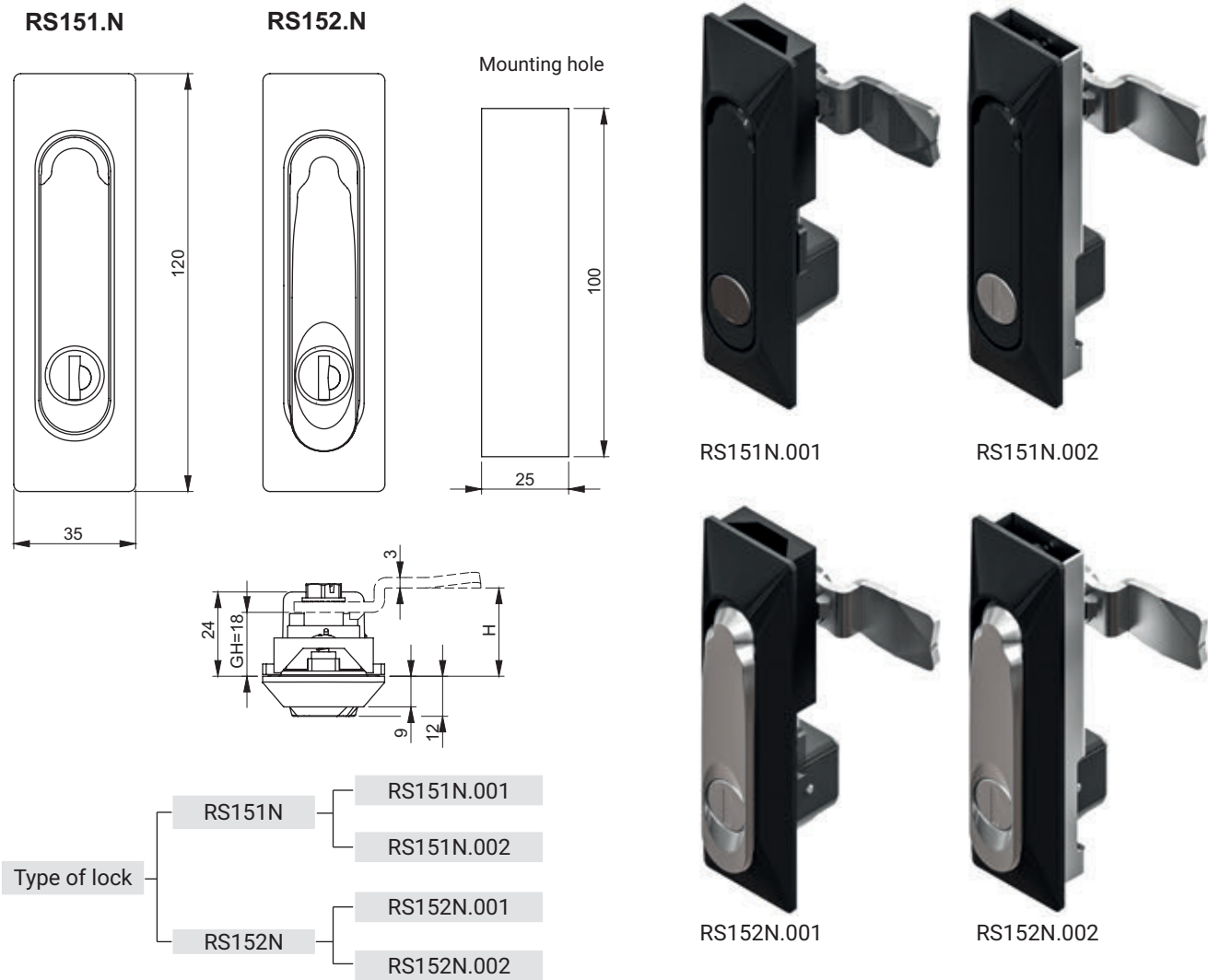


| TYPE OF LOCK    | COMPONENTS   | MATERIAL | VERSION | FINISH [C] |
|-----------------|--------------|----------|---------|------------|
|                 |              |          |         | RAL 9005   |
| RS169B<br>RS170 | Body, Handle | ZAMAK    | A B     | 04         |

**How to order :**  
 Type of lock  
 Lock version  
 Finish

RS169/B — A — [C]





| COMPONENTS             | MATERIAL          | FINISH [C] |          |          | LOCK CYLINDER     | SHAPED INSERT |        |
|------------------------|-------------------|------------|----------|----------|-------------------|---------------|--------|
|                        |                   | CHROME     | RAL 9005 | RAL 7035 |                   |               |        |
| Body                   | PA6 GF30          | -          | 07       | 08       | KEY CODE          |               | INSERT |
| 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:

RS152.N.001 — 1333 — [C] — [C]

Type of lock

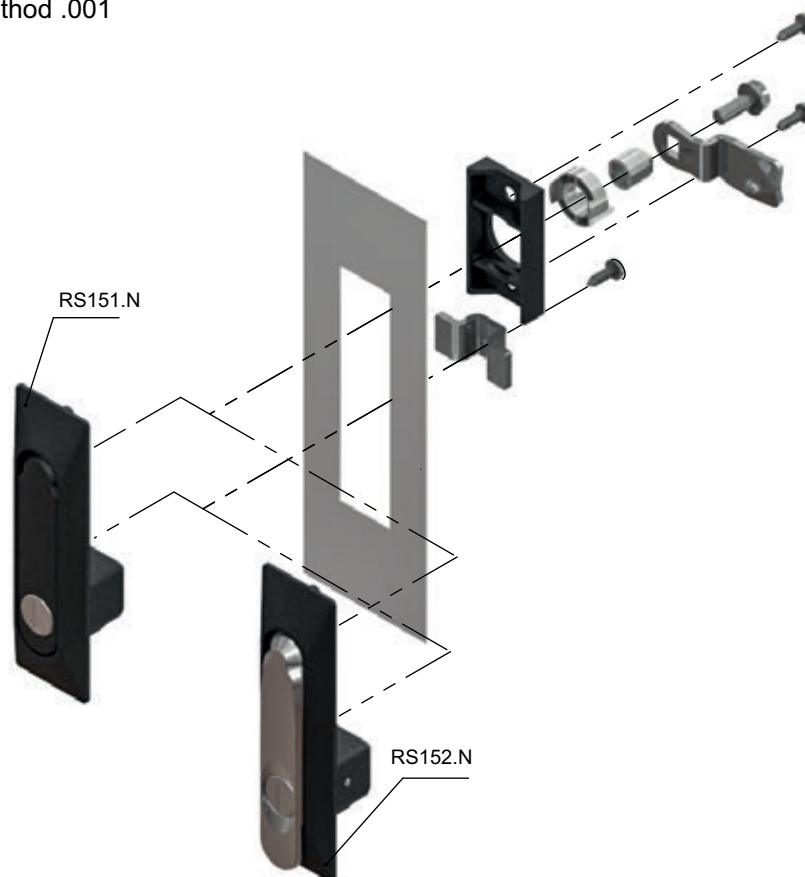
Type of insert

Finish body

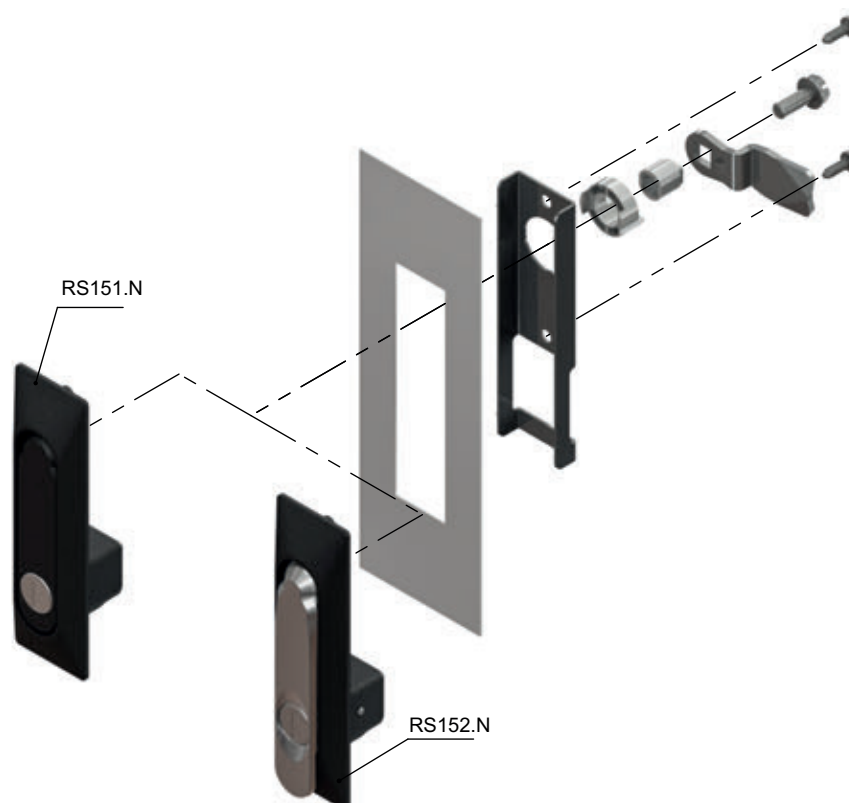
Finish handle

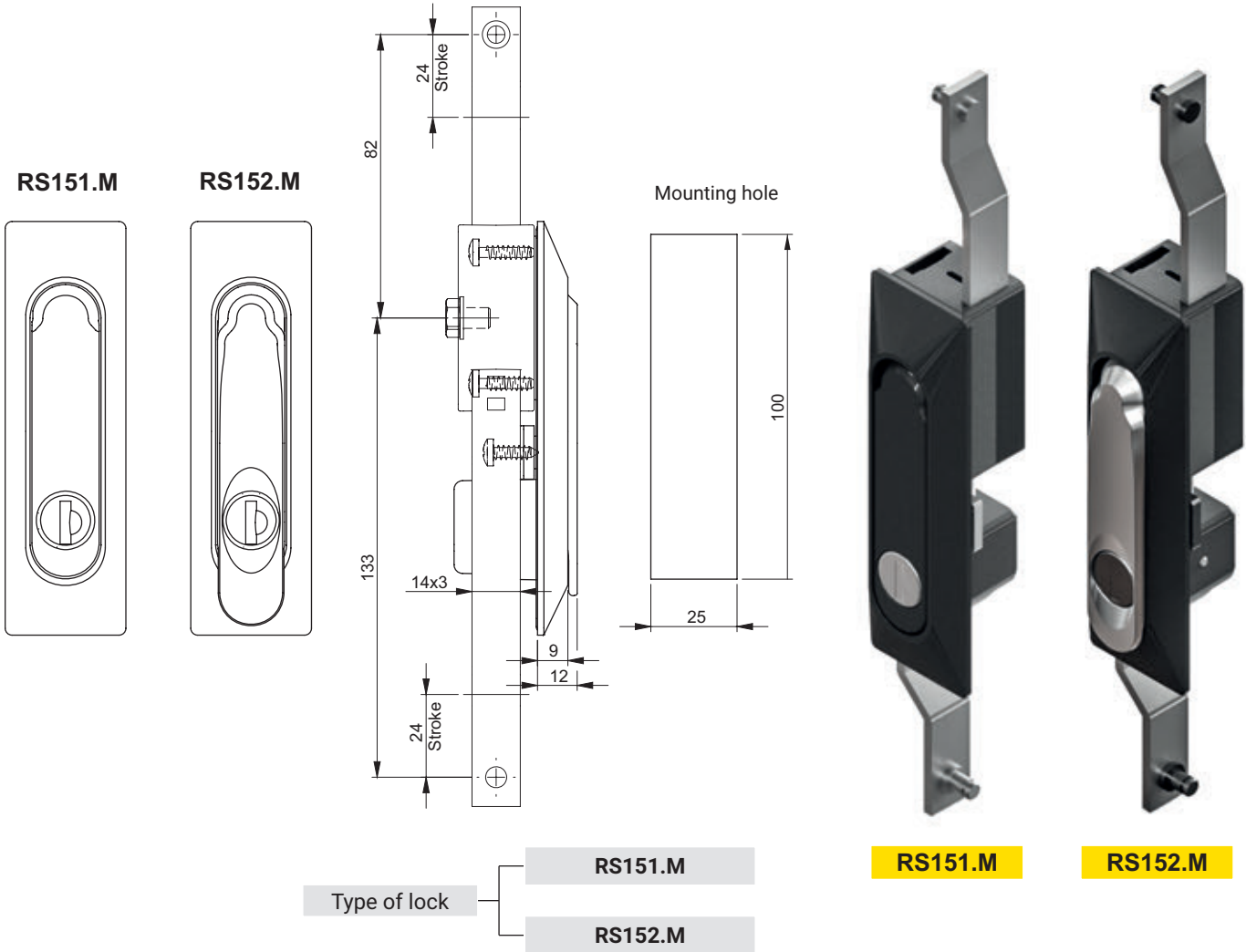
All necessary components are attached with a set.  
For locks RS151N and RS152N CAMS to be ordered seperately:  
- 1 point cam (group: 11, 13).....pg: 1C-10, 1C-11

Mounting method .001



Mounting method .002





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

How to order: **RS152.M** — **1333** — **[C]** — **[C]**

Type of lock \_\_\_\_\_

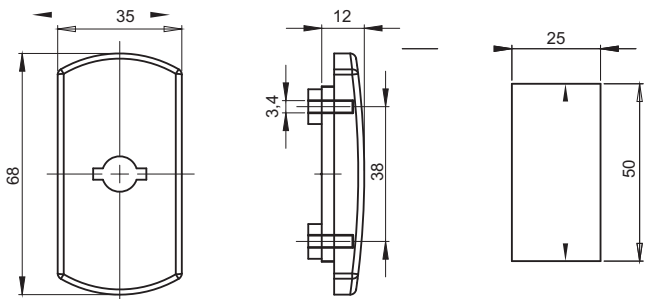
Type of insert / Key code \_\_\_\_\_

Body finish \_\_\_\_\_

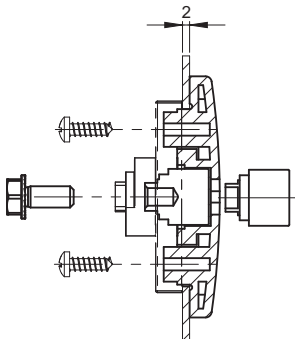
Handle finish \_\_\_\_\_

All necessary components are attached with a set.  
Additional components ordered separately check page:  
- Rods.....pg: 1C-4, 1C-5, 1C-7  
- Flat rods.....pg: 1C-34 TO 1C-40.  
\* Chrome finish available only for RS152.N (metal handle-ZAMAK5).

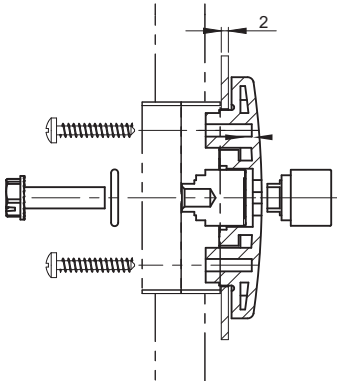
RW100.N



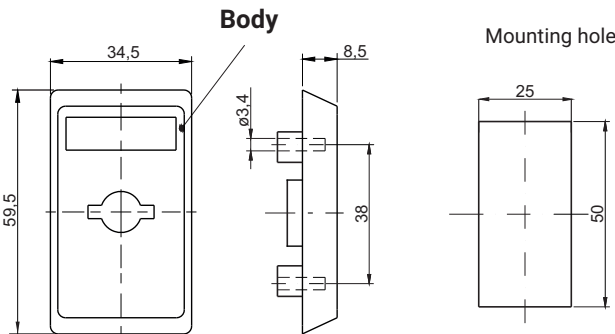
RW100.N  
(Used with Cap)



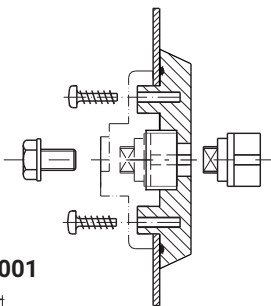
RW100.M  
(Used with Cogwheel mechanism)



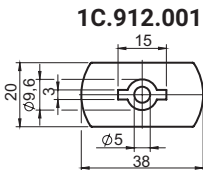
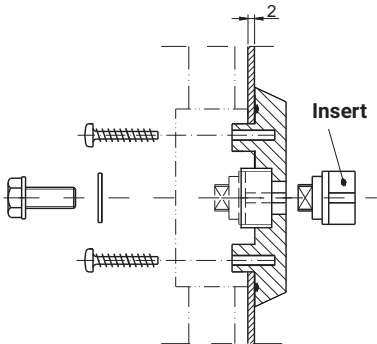
RW110.N



RW110.N ...  
(Used with Cap)



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



Protective cover compatible with locks: RW100, RW110, RW400

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

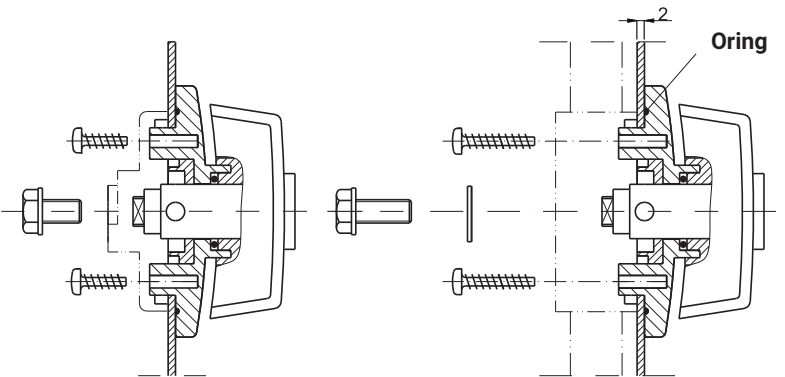
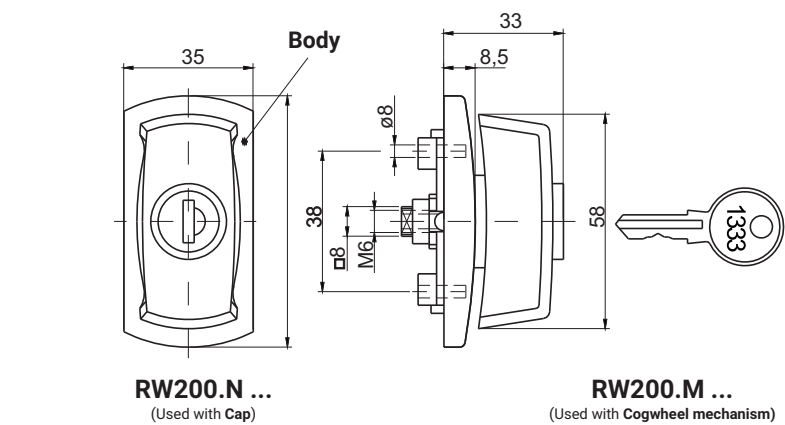
| TYPE OF LOCK                         | COMPONENTS       | MATERIAL              | FINISH [C] |
|--------------------------------------|------------------|-----------------------|------------|
|                                      |                  |                       | RAL 9005   |
| RW100.N, RW100.M<br>RW110.N, RW110.M | Body             | Polyamide<br>PA6 GF30 | 07         |
| 1C.912.001                           | Protective cover | Polyamide             | 07         |

How to order :  
Type of lock  
Finish

RW110.N — [C]

| Swinghandles

www.roztocze.eu

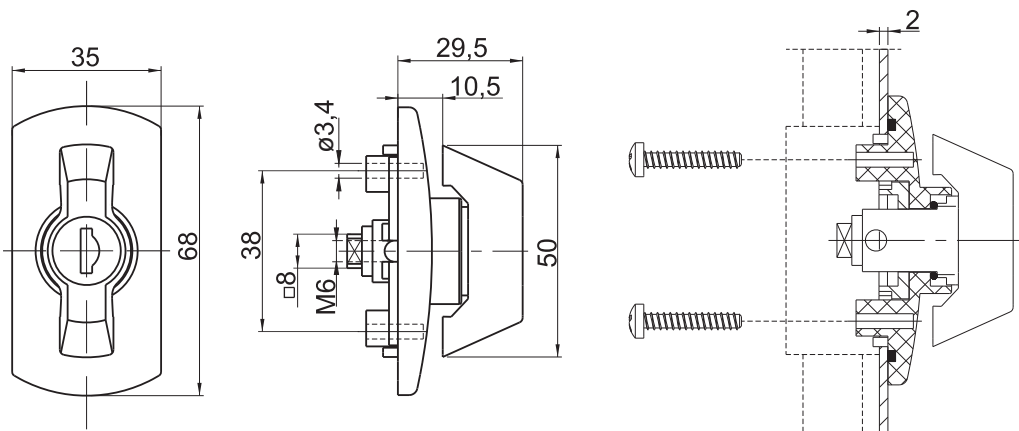


NOTE:  
Additional components  
of locks:  
**RW200.N, RW200.M,**  
on pages: 1A-5, 1A-6.

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

How to order :      **RW110.N** — **[C]**  
Type of lock      \_\_\_\_\_  
Finish      \_\_\_\_\_

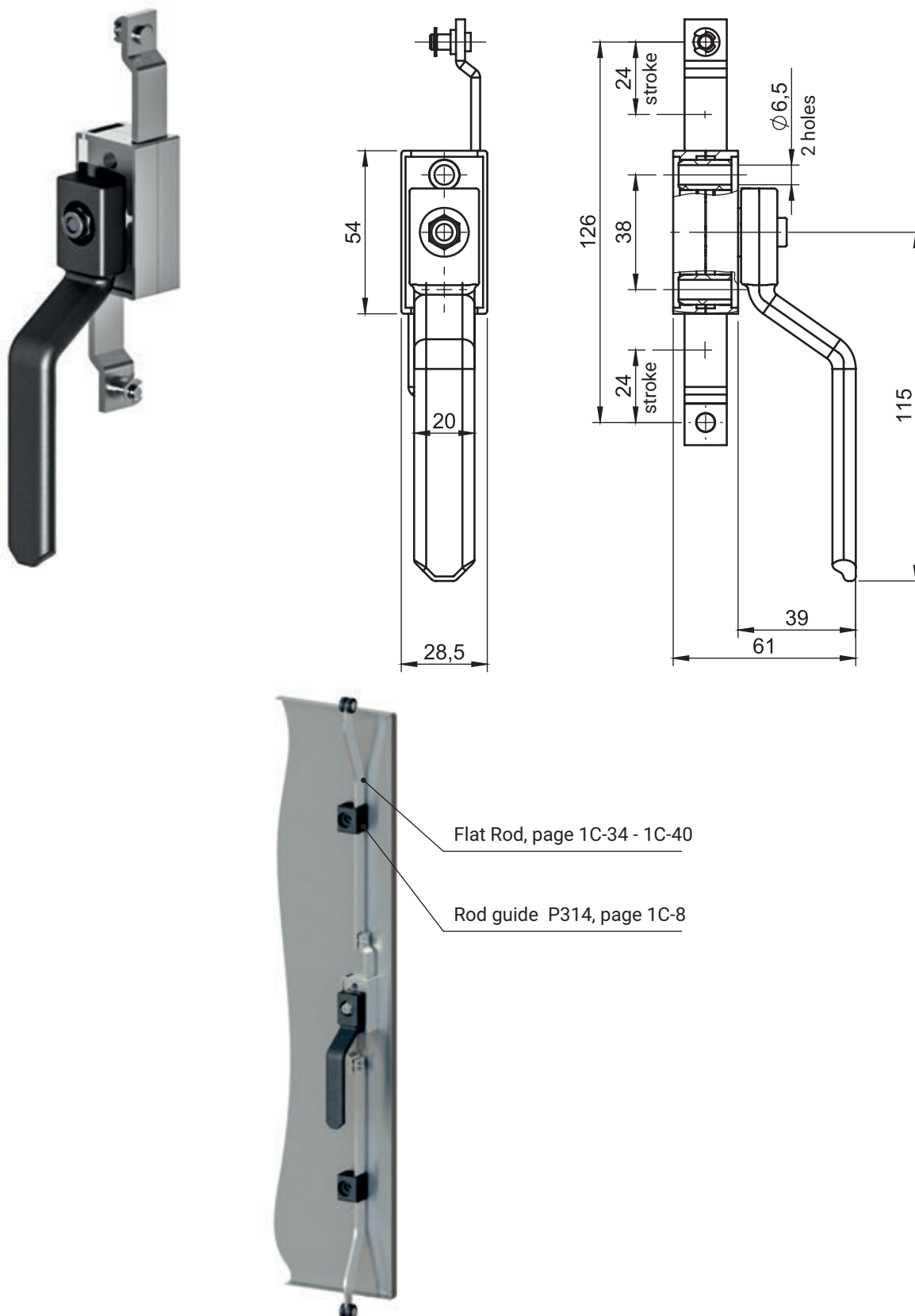
WING-KNOB LOCK RW500



| TYPE OF LOCK    |                |              | COMPONENTS | MATERIAL           | FINISH [C] |
|-----------------|----------------|--------------|------------|--------------------|------------|
| Insert code1333 | Different code | No insert    |            |                    | RAL 9005   |
| 1B.RW500.001    | 1B.RW500.002   | 1B.RW500.003 | Body       | Polyamide PA6 GF30 | 07         |
|                 |                |              | Knob       | ZAMAK              | 04         |



MZ1-DB.002, MZ1K-DB.002, MZ1P-DB.002

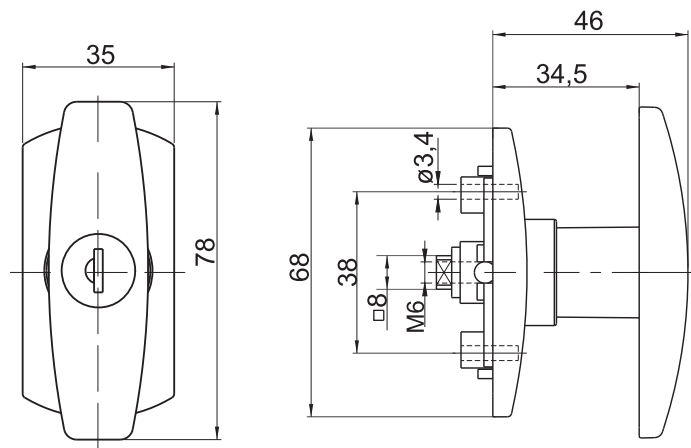


| CATALOGUE NUMBER | VERSION                      | COMPONENTS                | MATERIAL        |
|------------------|------------------------------|---------------------------|-----------------|
| MZ1-DB.002       | Retaining washers protection | The body of the mechanism | ZAMAK           |
| MZ1K-DB.002      | Square protection            | Tie-rod                   | Stal ocynkowana |
| MZ1P-DB.002      | Shape protection             | Inner handle              | Poliamid        |

| Swinghandles

www.roztocze.eu

T-HANDLE LOCK RW510



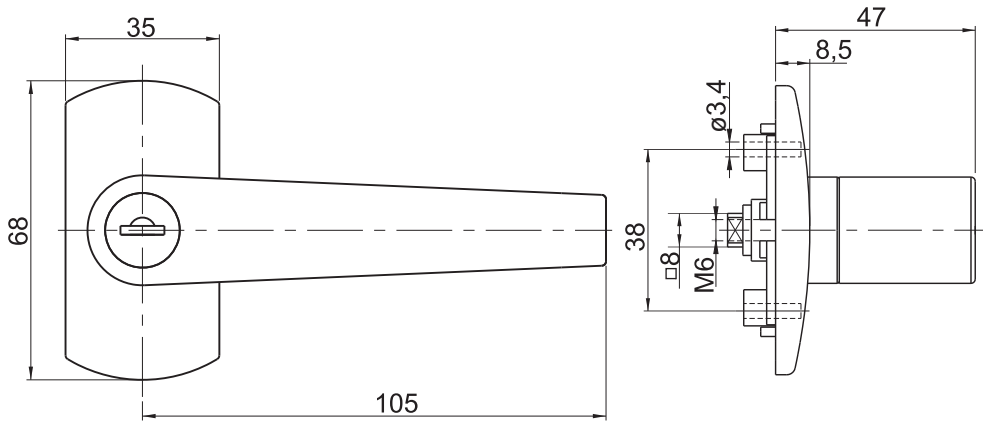
| TYPE OF LOCK    |                |              | COMPONENTS | MATERIAL           | FINISH [C] |
|-----------------|----------------|--------------|------------|--------------------|------------|
| Insert code1333 | Different code | No insert    |            |                    | RAL 9005   |
| 1B.RW510.001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

How to order : 1B.RW510.001 — [C]

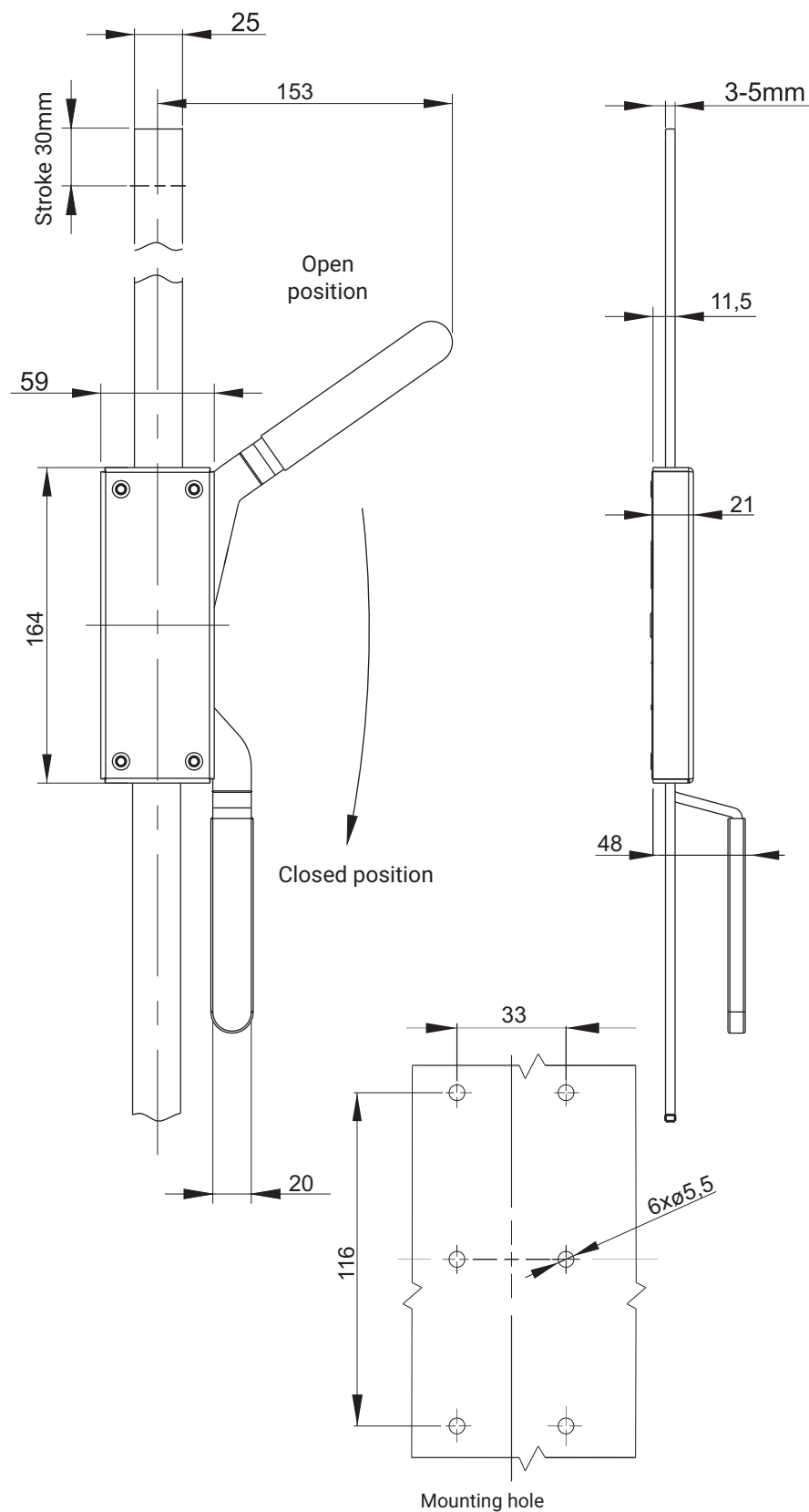
Type of lock \_\_\_\_\_

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         |



**NOTE:** Possibility of ordering lock with locking rods

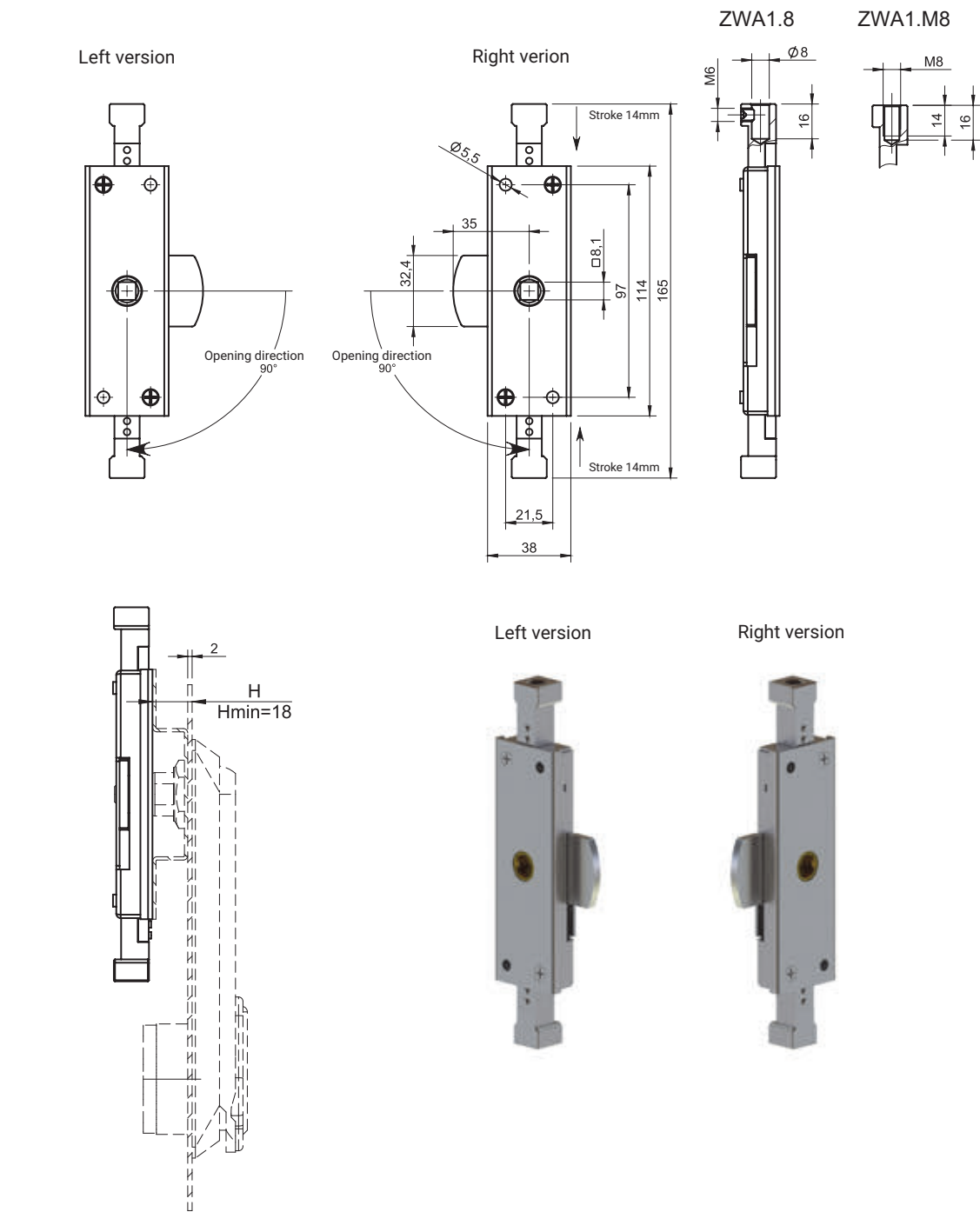
| CAT. NUMBER        | NAME               | MATERIAL          |
|--------------------|--------------------|-------------------|
| 1B.530.001 - Right | Internal Lock ZWDB | Steel zinc plated |
| 1B.530.002 - Left  |                    |                   |

**1B-41**

| Swinghandles

[www.roztocze.eu](http://www.roztocze.eu)

ZWA1 lock driven by a swinghandle

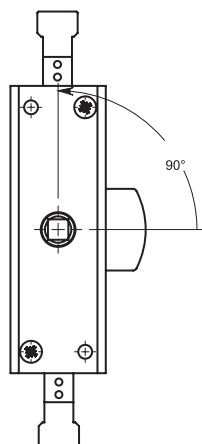


Lock ZWA1 works with the swinghandle RS130, page 1B-8 and with the swinghandle RS200, page 1B-3.  
When ordering the RS lock to cooperate with the ZWA1 lock, add the end of ZWA1 to the catalogue number of the RS lock

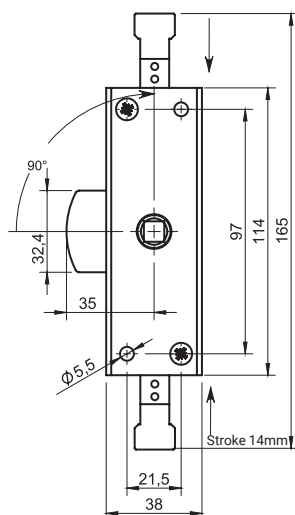
| CAT. NUMBER    | VERSION | METHOD OF ATTACHING THE ROD | MATERIAL          |
|----------------|---------|-----------------------------|-------------------|
| 1B.ZWA1.8.101  | Right   | Hole $\varnothing 8$        | Steel zinc plated |
| 1B.ZWA1.M8.101 |         | Threaded hole m8            |                   |
| 1B.ZWA1.8.102  | Left    | Hole $\varnothing 8$        |                   |
| 1B.ZWA1.M8.102 |         | Threaded hole m8            |                   |

## ZWA2 lock driven by a quarter turn lock

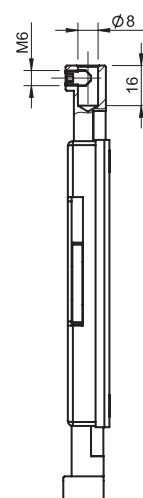
Left version



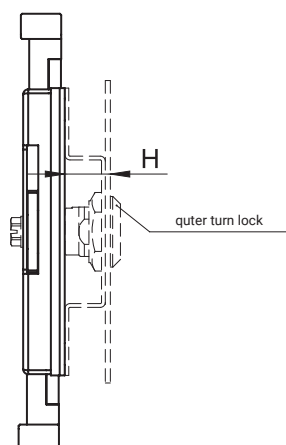
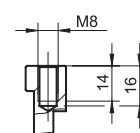
Right version



ZWA2.8



ZWA2.M8



Left version



Left version



ZWA2 lock works with quarter turn locks M22-2, M22-30, M22-40, M22-60, 2.L, 2.T, 2.PM.

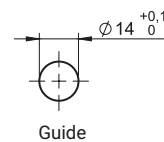
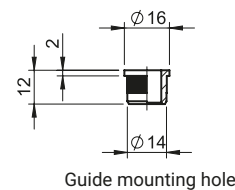
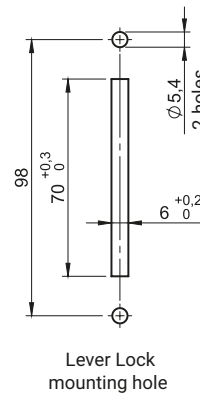
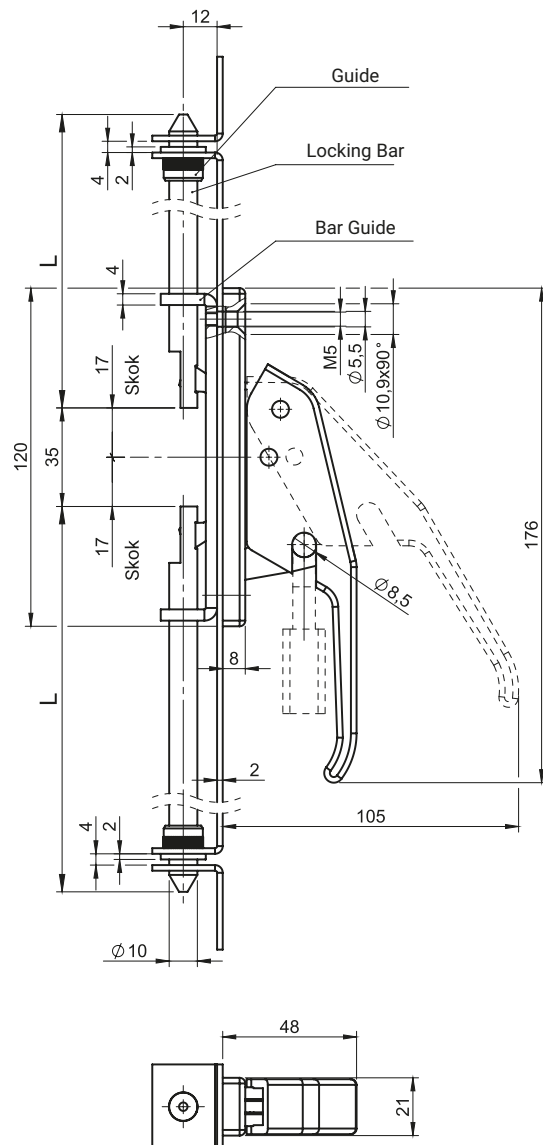
The height H is equal to the height GH of the lock used.

When ordering a quarter turn lock which is to cooperate with the ZWA2 lock, the ZWA2 end-piece should be added to the catalogue number of the lock.

| DRIVE LOCK                   | HEIGHT H [mm] |
|------------------------------|---------------|
| M22-3, 2.L18, 2.T18, 2.PM18  | 18            |
| M22-30, 2.L30, 2.T30 2.PM30  | 30            |
| M22-40, 2.L40, 2.T40, 2.PM40 | 40            |
| M22-60, 2.L60, 2.T60, 2.PM60 | 60            |

| CAT. NUMBER    | VERSION | METHOD OF ATTACHING THE ROD | MATERIAL          |
|----------------|---------|-----------------------------|-------------------|
| 1B.ZWA2.8.201  | Right   | Hole ø8                     | Steel zinc plated |
| 1B.ZWA2.M8.201 |         | Threaded hole m8            |                   |
| 1B.ZWA2.8.202  | Left    | Hole ø8                     |                   |
| 1B.ZWA2.M8.202 |         | Threaded hole m8            |                   |

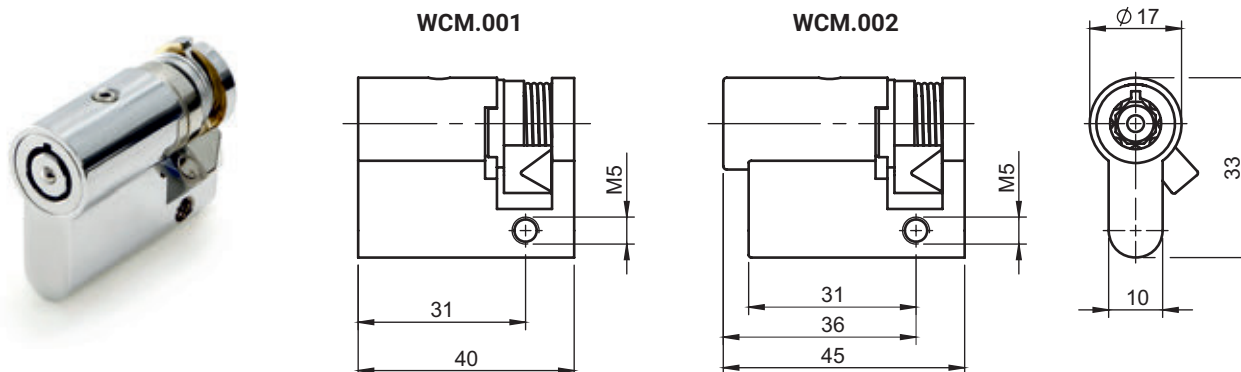




| CATALOGUE NUMBER | COMPONENTS            | MATERIAL          | FINISH [C] |
|------------------|-----------------------|-------------------|------------|
|                  |                       |                   | RAL 9005   |
| 1B.ZD100.001     | Lever Lock            | Aluminum          | 04         |
|                  | Bar Guide             | Zinc plated steel | -          |
| 1B.ZD100.001.06  | Locking Bar $\phi 10$ | Zinc plated steel | -          |
| 1B.ZD100.001.07  | Guide                 | Brass             | -          |

When ordering the locking bar 1B.ZD100.001.06 please specify the length L.

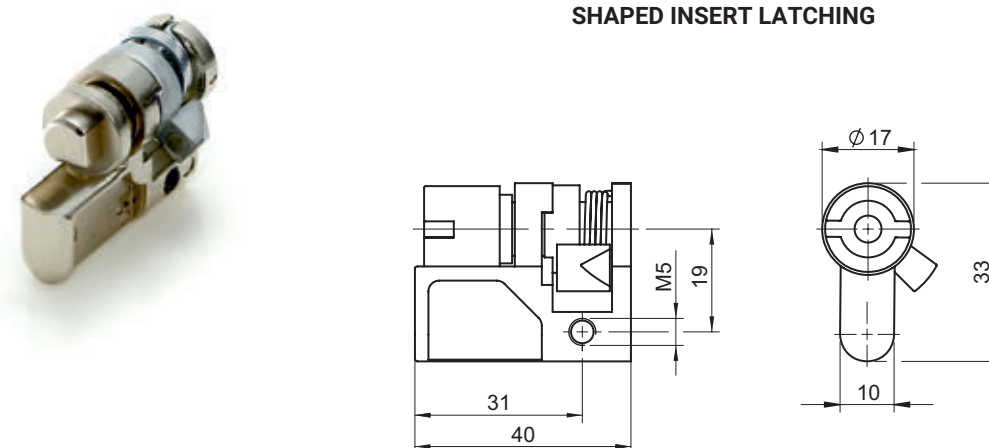
## The lock cylinder with radial pins type WCM



The key can be removed only from the locked position

| CATALOGUE NO. | KEY TYPE | MATERIAL |
|---------------|----------|----------|
| WRS-WCM.001   | WCM      | ZAMAK    |
| WRS-WCM.002   |          |          |

## SHAPED INSERT LATCHING



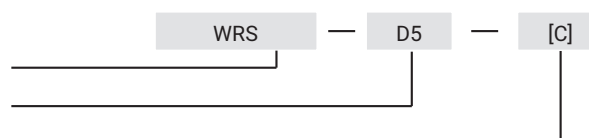
| TYPE OF INSERT [X] |    |    |    |    |          |      |     |     |     |            |   |            |   |     |
|--------------------|----|----|----|----|----------|------|-----|-----|-----|------------|---|------------|---|-----|
|                    |    |    |    |    |          |      |     |     |     |            |   |            |   |     |
| D3                 | D5 | T6 | T7 | T9 | T10      | T13i | KW6 | KW7 | KW8 | S          | N | C9         | L | D13 |
| CATALOGUE NO.      |    |    |    |    | MATERIAL |      |     |     |     | FINISH [C] |   |            |   |     |
| WRS-X              |    |    |    |    | ZAMAK    |      |     |     |     | Nickel     |   | Galvanized |   |     |
|                    |    |    |    |    |          |      |     |     |     | 02         |   | 03         |   |     |

## How to order:

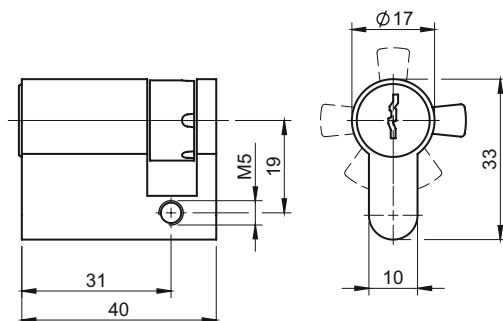
Type of lock

Type of insert

Finish

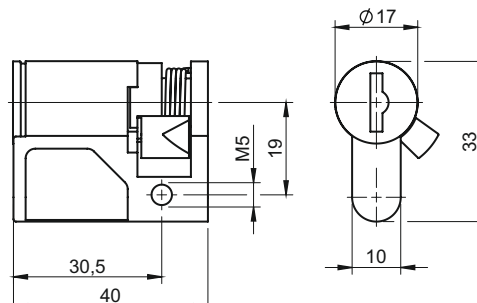


**LOCK CYLINDER  
WRS-B.001**



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

**SELF-LOCKING CYLINDER  
WRS-P.001**

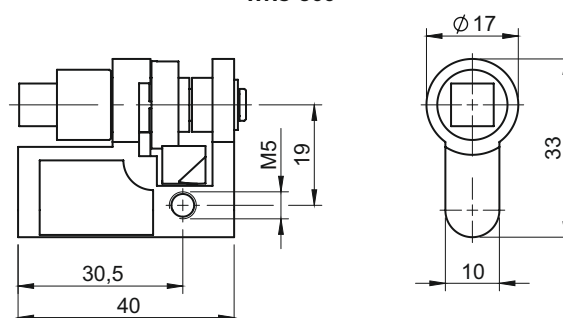


**NOTE:**  
Profile cylinder can be ordered  
with one or different key codes.



| CAT. NUMBER       | KEY CODE       | MATERIAL | FINISH [C] |
|-------------------|----------------|----------|------------|
| WRS-B.001 - JK    | Key alike      | Brass    | -          |
| WRS-B.001 - RK    | Different code |          |            |
| WRS-P.001 - 1333  | Code 1333      | ZAMAK    | Nickel     |
| WRS-P.002 - 405E  | Code 405E      |          |            |
| WRS-P.002 - 455E  | Code 455E      |          |            |
| WRS-P.002 - 1242E | Code 1242E     |          |            |
| WRS-P.002 - 2342E | Code 2342E     |          |            |

**Shaped insert rotated by 360°  
WRS-360**



| TYPE OF INSERT [X]                                                                  |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                      |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| D3                                                                                  | D5                                                                                  | T6                                                                                  | T7                                                                                  | T9                                                                                  | T10                                                                                 | T13i                                                                                | KW6                                                                                 | KW7                                                                                  | KW8                                                                                   | S                                                                                     | N                                                                                     | C9                                                                                    | L                                                                                     | D13                                                                                   |
| CATALOGUE NO.                                                                       |                                                                                     |                                                                                     |                                                                                     |                                                                                     | MATERIAL                                                                            |                                                                                     |                                                                                     |                                                                                      |                                                                                       | FINISH [C]                                                                            |                                                                                       |                                                                                       |                                                                                       |                                                                                       |
|                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                      |                                                                                       | Nickel                                                                                |                                                                                       | Galvanized                                                                            |                                                                                       |                                                                                       |
| WRS-360-X                                                                           |                                                                                     |                                                                                     |                                                                                     |                                                                                     | ZAMAK                                                                               |                                                                                     |                                                                                     |                                                                                      |                                                                                       | 02                                                                                    |                                                                                       | 03                                                                                    |                                                                                       |                                                                                       |

**How to order:**

Type of lock

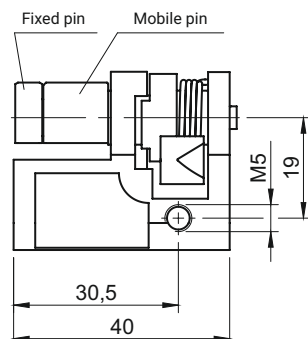
Type of insert

Finish

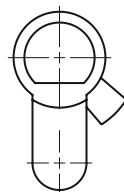


NEW

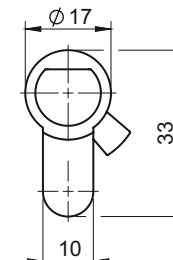
**Self-locking shaped insert with difficult access**  
**WRS-D13.001 / WRS-D13.002**



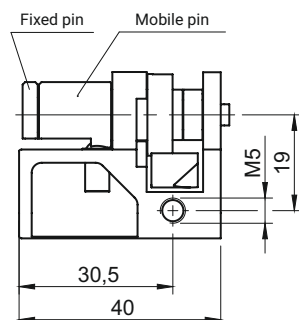
WRS-D13.001



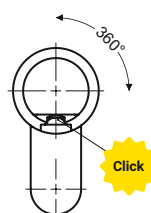
WRS-D13.002



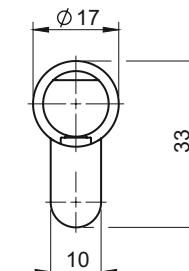
**Shaped insert rotaed by 360° with difficult access**  
**WRS-D13.003 / WRS-D13.004**



WRS-D13.003



WRS-D13.004



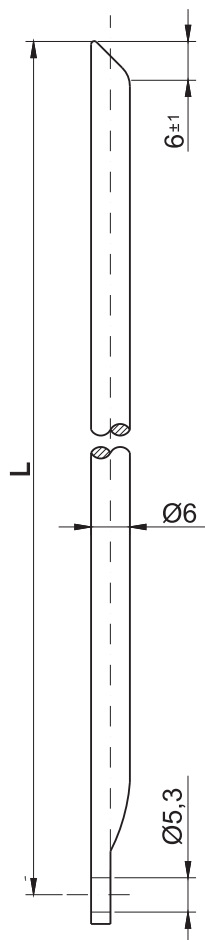
Shaped inserts WRS-D13 are compatible only with specified lock types RS: RS420, RS520, RS420/U, RS520/U.

WRS-D13.003 and WRS-D13.004 allows the key to turn 360°, removing the key is possible only in the open position, open position is sygnalized by a slight click.

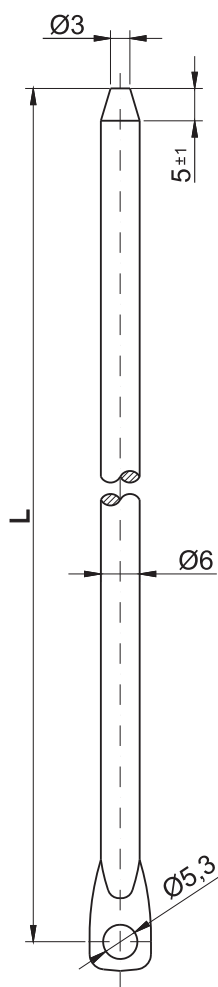
Recommended key for cylinders with dificult access - 2.KL-D13S.008 (pg. 2A-115).

| CATALOGUE NO. | COMPONENTS | MATERIAL          | FINISH [C] |
|---------------|------------|-------------------|------------|
| WRS-D13.001   | Housing    | ZAMAK             | Nickel     |
| WRS-D13.002   | Mobile pin | ZAMAK             | -          |
|               | Fixed pin  | Steel zinc plated | -          |
| WRS-D13.003   | Housing    | ZAMAK             | Nickel     |
| WRS-D13.004   | Mobile pin | Brass             | -          |
|               | Fixed pin  | Steel zinc plated | -          |

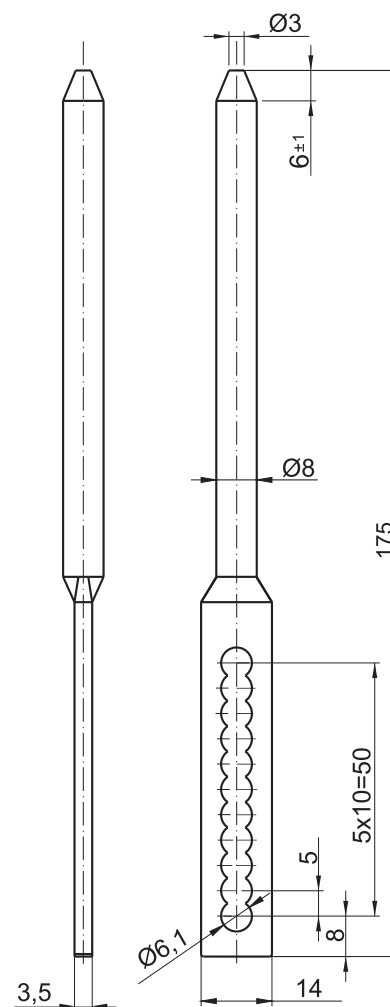
**ROD with Cut End  
(P26L)**



**ROD with Pointed End  
(P26L)**



**ROD with Pointed End (regulated)  
(PR28L)**



stainless steel

## CALCULATING RODS' LENGHT

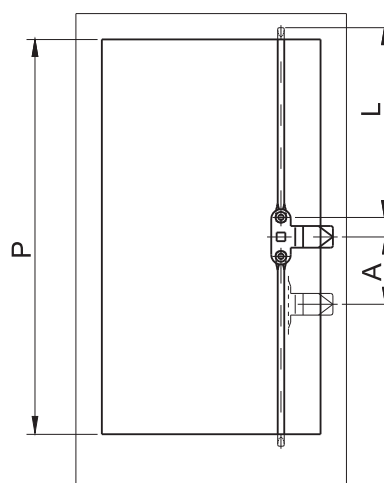
- a) 3- point cam assembled in the middle of the door:

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

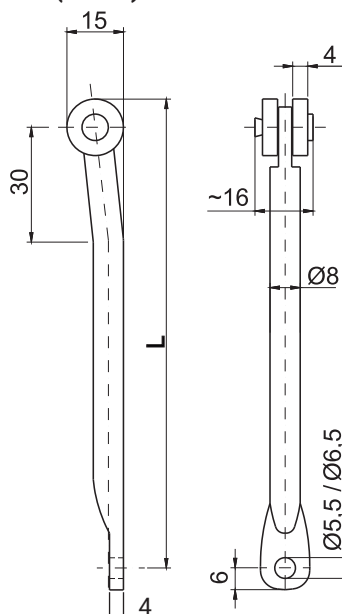
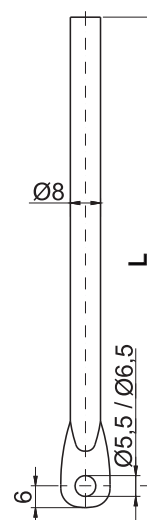
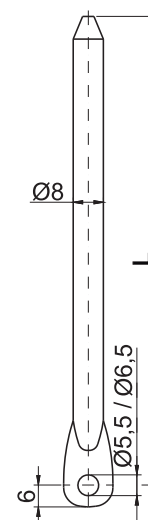
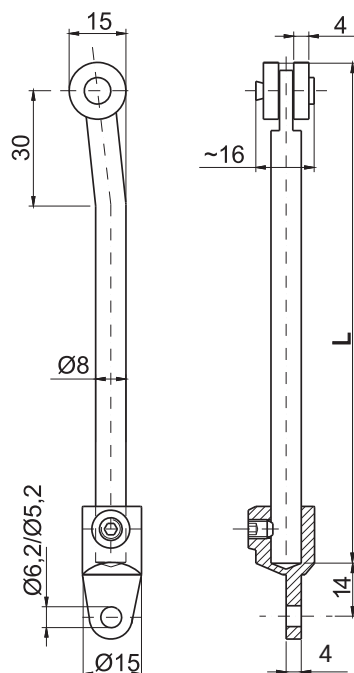
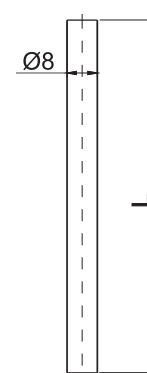
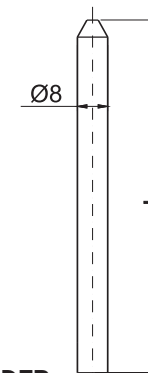
- b) in case, when cam is moved about dimension A:

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

L - lenght of rod [mm]



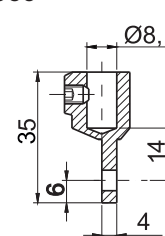
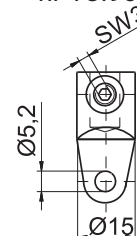
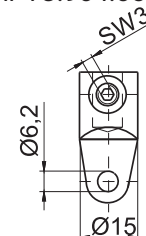
| CAT. NUMBER | NAME                             | MATERIAL          |
|-------------|----------------------------------|-------------------|
| P16 L       | Rod with cut end                 | Steel zinc plated |
| P26 L       | Rod with pointed end             | Steel zinc plated |
| PR28 L      | Rod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

stainless  
steelROD 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

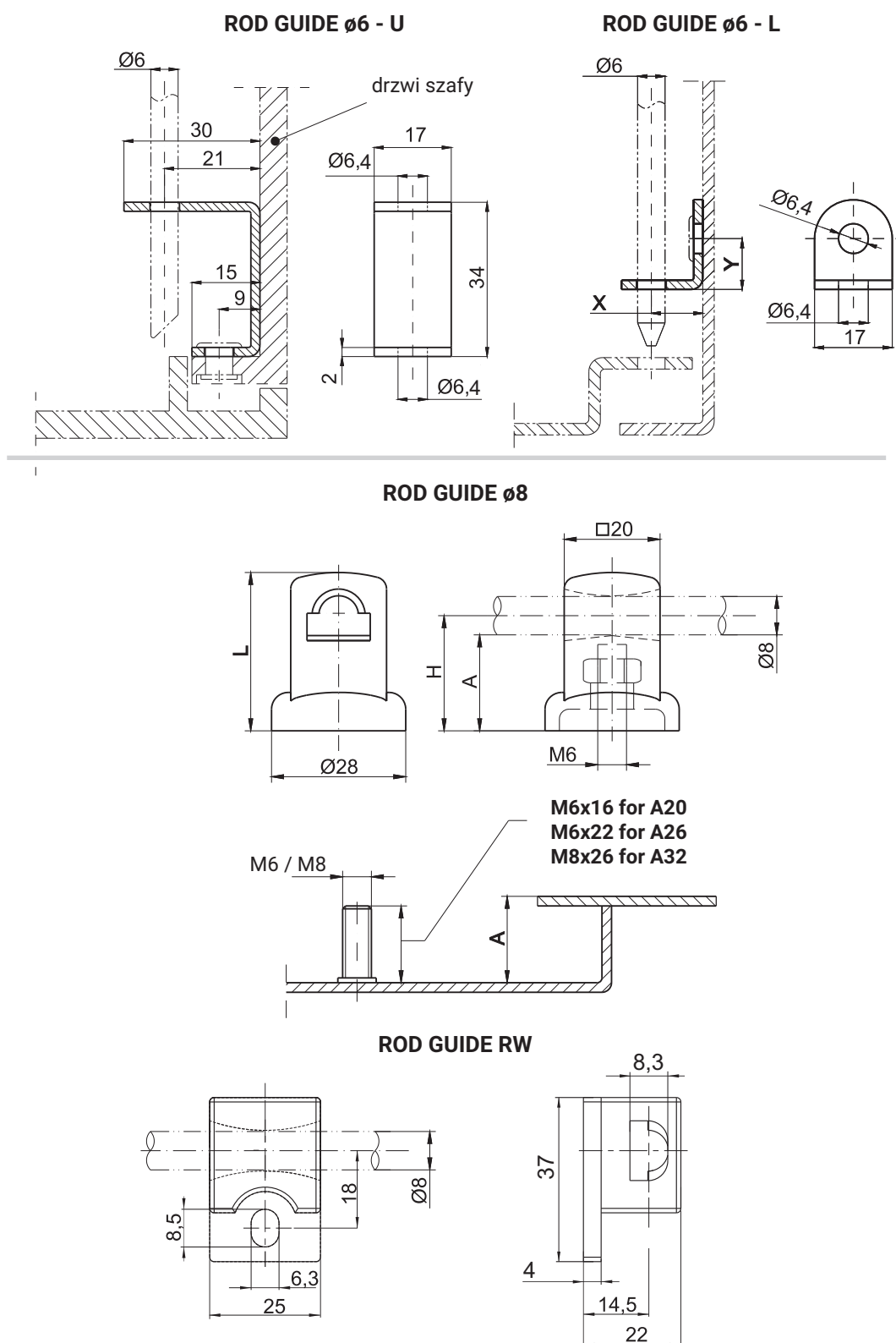
nr 1C.904.050



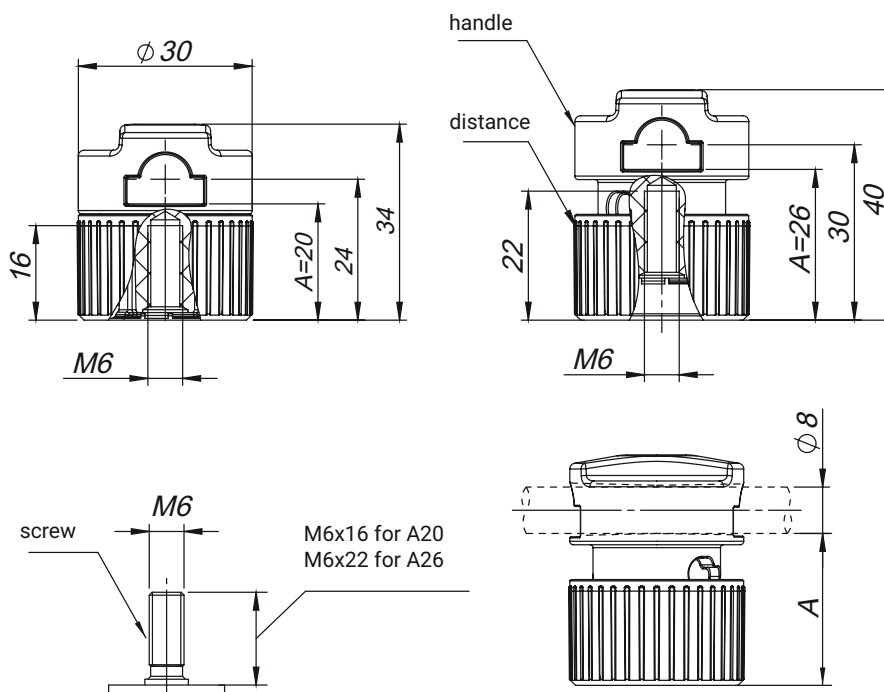
L - lenght of rod [mm]

| 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                | Lenght adjustable<br>by Rod holder | 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  | Rod guide Ø8   | 20                    | 33 | 24 | -    | -  | Pa6 colour RAL 9005 |
| 1C.906.009  |                | 26                    | 39 | 30 | -    | -  |                     |
| 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 |



Positions A20 and A26 according to drawing.

To change the position from A20 to A26, rotate the knob in the clockwise or anticlockwise direction relative to the distance until the knob can turn no further.

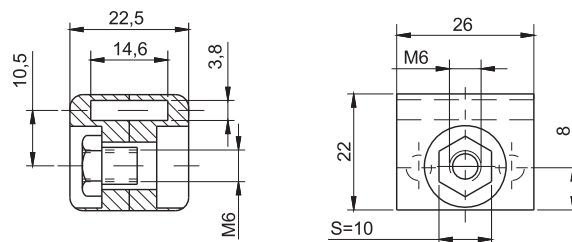
Change the position of the guide from position A20 to A26 after removing the guide from the rod.

It is possible to use one type of M6x16 stud for both versions of the rod guide.

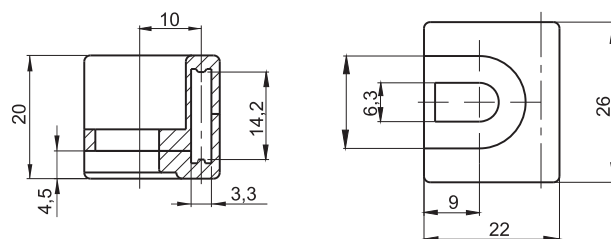
| Tensile Strength [kg] |     |     | Tightening Torque |
|-----------------------|-----|-----|-------------------|
| Screw length L        | A20 | A26 |                   |
| L=16mm                | 500 | 400 | to 2Nm            |
| L=22mm                | -   | 500 |                   |

| CATALOGUE NO. | DETAL                     | MATERIAL          | FINISH [C] |
|---------------|---------------------------|-------------------|------------|
|               |                           |                   | RAL 9005   |
| 1C.906.100    | Rod guide $\varnothing 8$ | Polyadmid PA GF30 | 07         |

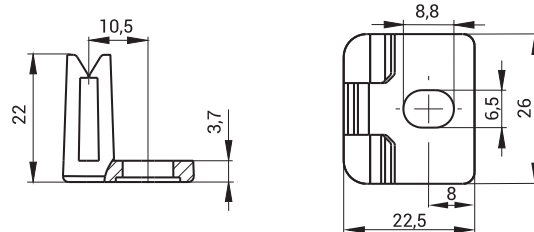
1C.906.012



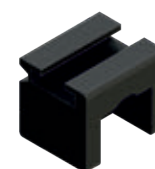
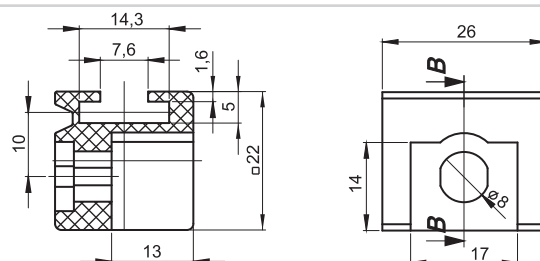
1C.906.014



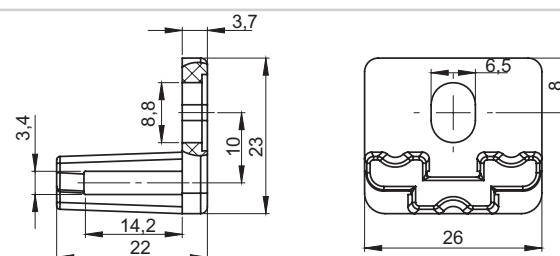
1C.906.015



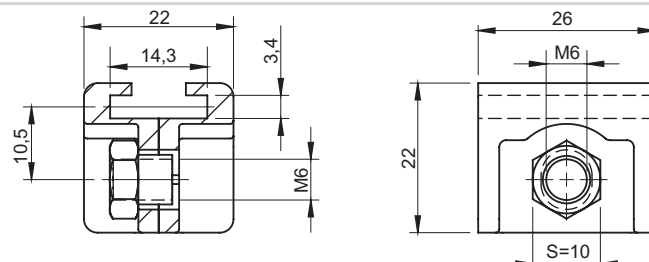
1C.906.018



1C.906.019

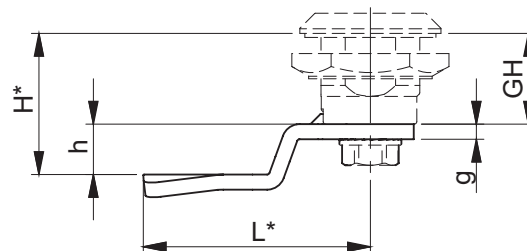


1C.906.020

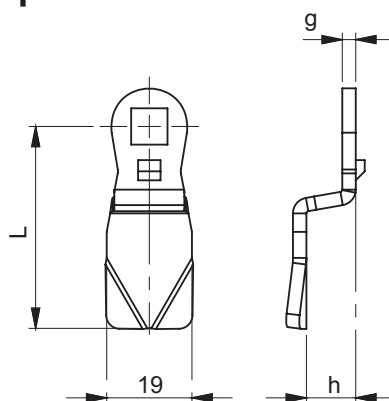


| CAT. NUMBER | NAME                  | COMPONENTS            | MATERIAL            |
|-------------|-----------------------|-----------------------|---------------------|
| 1C.906.012  | Rod guide P314        | Rod guide P314        | PA6 colour RAL 9005 |
|             |                       | Nut                   | Steel zinc plated   |
| 1C.906.014  | Rod guide P314 ver. 2 | Rod guide P314 ver. 2 | PA6 colour RAL 9005 |
| 1C.906.015  | Rod guide P314        | Rod 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  | Rod guide P314        | Rod guide             | PA6 colour RAL 9005 |
| 1C.906.020  | Rod guide P314 SN     | Rod guide, Nut        | Stainless Steel 316 |

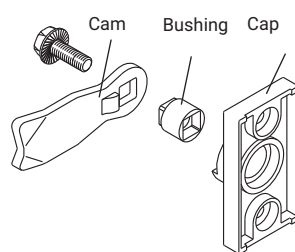
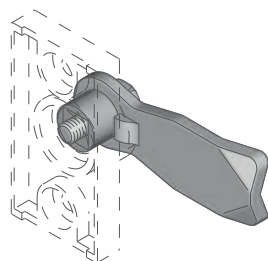
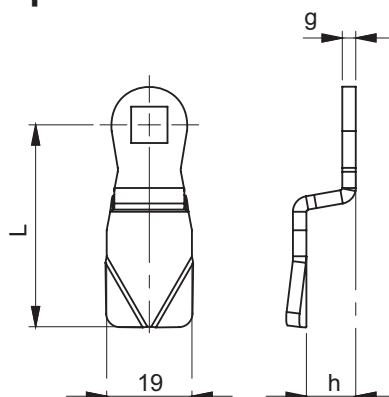
GH - height body  
H - height locking  
h - height cam  
L - length cam  
g - thickness cam



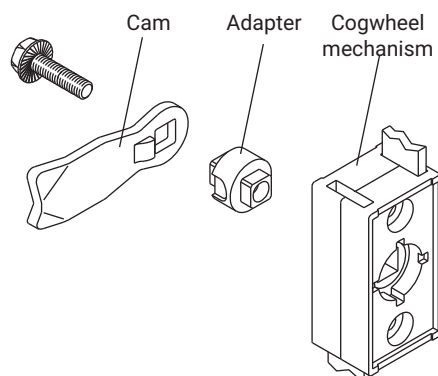
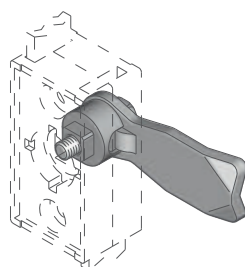
### 1-point cam with limiter



### 1-point cam without limiter



NOTE:  
When ordering 1-point cam with limiter  
for Cap, you must order bushing, page. 1C-27



NOTE:  
When ordering 1-point cam with limiter  
for Cogwheel mechanism, you must also  
order adapter, page 1C-27

## STEEL ZINC PLATED

| 11            | APPLICATION: Locking system with cap and locks M22 |                  |    |     |    |            |            |            |            |            |            |            |            |            |
|---------------|----------------------------------------------------|------------------|----|-----|----|------------|------------|------------|------------|------------|------------|------------|------------|------------|
|               | H                                                  | Catalogue number | g* | h   | L  | GH:18<br>H | GH:19<br>H | GH:23<br>H | GH:28<br>H | GH:30<br>H | GH:38<br>H | GH:40<br>H | GH:50<br>H | GH:60<br>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<br>H | GH:19<br>H | GH:23<br>H | GH:28<br>H | GH:30<br>H | GH:38<br>H | GH:40<br>H | GH:50<br>H | GH:60<br>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<br>H | GH:19<br>H | GH:23<br>H | GH:28<br>H | GH:30<br>H | GH:38<br>H | GH:40<br>H | GH:50<br>H | GH:60<br>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<br>H | GH:19<br>H | GH:23<br>H | GH:28<br>H | GH:30<br>H | GH:38<br>H | GH:40<br>H | GH:50<br>H | GH:60<br>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<br>H | GH:22<br>H | GH:30<br>H | GH:40<br>H | GH:50<br>H | GH:60<br>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

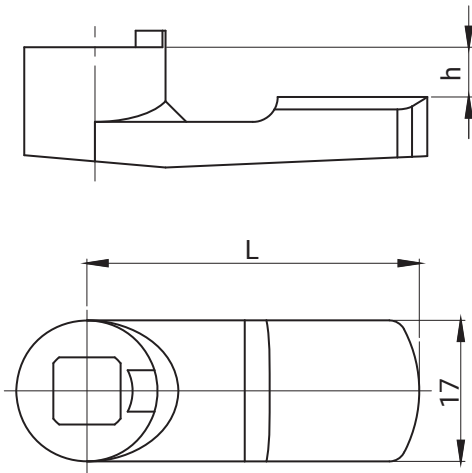
| 16            | H  | Cat. Number | g* | h   | L  | GH:18<br>H | GH:22<br>H | GH:30<br>H | GH:40<br>H | GH:50<br>H | GH:60<br>H |
|---------------|----|-------------|----|-----|----|------------|------------|------------|------------|------------|------------|
| CAM RANGE [G] | 18 | J-1001845SN | 3  | 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

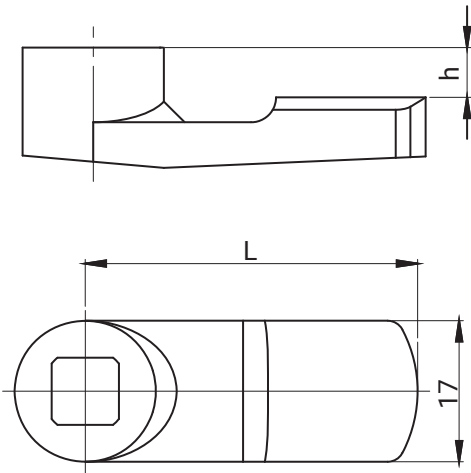
| 17            | APPLICATION: Locking system with cap and locks M22 |                  |    |     |    |            |            |            |            |            |            |            |            |            |
|---------------|----------------------------------------------------|------------------|----|-----|----|------------|------------|------------|------------|------------|------------|------------|------------|------------|
|               | H                                                  | Catalogue number | g* | h   | L  | GH:18<br>H | GH:19<br>H | GH:23<br>H | GH:28<br>H | GH:30<br>H | GH:38<br>H | GH:40<br>H | GH:50<br>H | GH:60<br>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<br>H | GH:19<br>H | GH:23<br>H | GH:28<br>H | GH:30<br>H | GH:38<br>H | GH:40<br>H | GH:50<br>H | GH:60<br>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         |



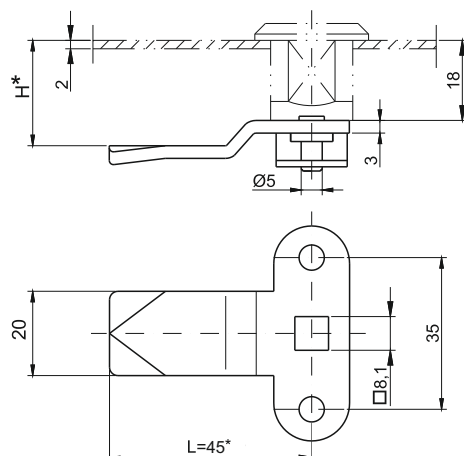
| 18            |     | CAM WITH LIMITER |   |    |         |         |         |         |         |
|---------------|-----|------------------|---|----|---------|---------|---------|---------|---------|
| CAM RANGE [g] | H   | Cat. Number      | h | L  | GH:18 H | GH:30 H | GH:40 H | GH:50 H | GH:60 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      |



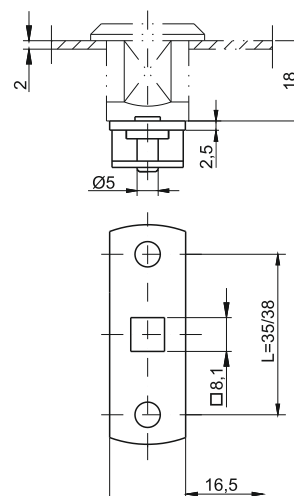
| 19            |     | CAM WITHOUT LIMITER |    |    |         |         |         |         |         |
|---------------|-----|---------------------|----|----|---------|---------|---------|---------|---------|
| CAM RANGE [g] | H   | Cat. Number         | h  | L  | GH:18 H | GH:30 H | GH:40 H | GH:50 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      |

stainless  
steel

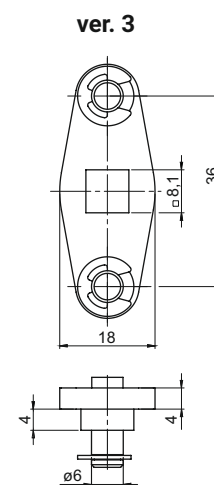
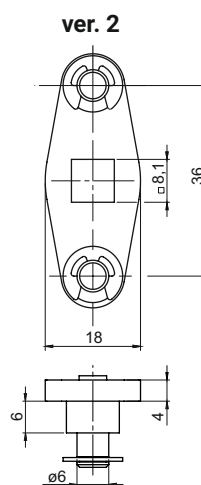
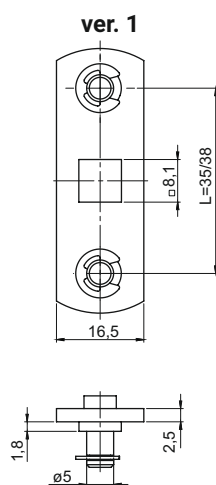
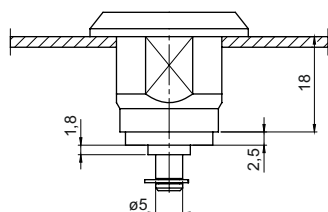
**3-point CAM**  
(without limiter  
with **protective element**)



**2-point CAM**  
(with **protective element**)



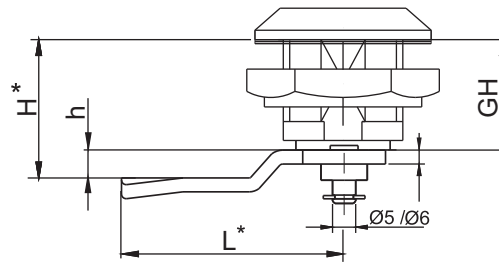
**2-point CAM**  
(with **Cir Clips ver. 1, ver. 2, ver. 3**)



| CAT. NUMBER       |                 | NAME                                                             | DIMENSIONS<br>H [mm] | MATERIAL                                |
|-------------------|-----------------|------------------------------------------------------------------|----------------------|-----------------------------------------|
| STEEL ZINC PLATED | STAINLESS STEEL |                                                                  |                      |                                         |
| JB-30018          | JB-30018SN      | 3-point Cam<br>without limiter<br>with <b>protective element</b> | 18                   | Steel zinc plated<br>or stainless steel |
| JB-30021          | JB-30021SN      |                                                                  | 21                   |                                         |
| JB-30024          | JB-30024SN      |                                                                  | 24                   |                                         |
| JB-30029          | JB-30029SN      |                                                                  | 29                   |                                         |
| JB-20018/35       | JB-20018/35SN   | 2-point Cam<br>with <b>protective element</b>                    | 18L=35               | Steel zinc plated<br>or stainless steel |
| JB-20018/38       | JB-20018/38SN   |                                                                  | 18L=38               |                                         |
| J-20018/35        | J-20018/35SN    | 2-point Cam<br>with <b>Cir Clips ver. 1</b>                      | 18L=35               | Steel zinc plated<br>or stainless steel |
| J-20018/38        | J-20018/38SN    |                                                                  | 18L=38               |                                         |
| J-20018/36        | J-20018/36SN    | 2-point Cam with <b>Cir Clips ver. 2</b>                         | 18L=36               | Steel zinc plated<br>or stainless steel |
| JA-20018/36       | JA-20018/36SN   | 2-point Cam with <b>Cir Clips ver.3</b>                          | 18L=36               |                                         |

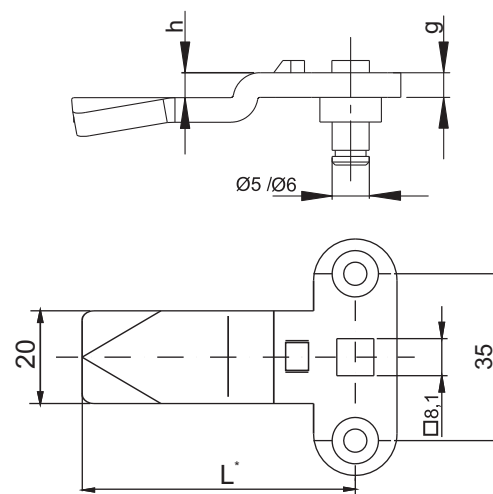
• \*dimension negotiable

**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).

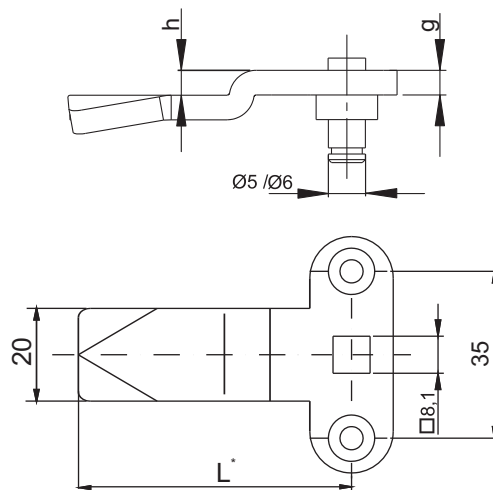


GH - height body  
H - height locking  
h - height cam  
L - lenght cam  
g - thickness cam

## 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<br>H | GH:19<br>H | GH:23<br>H | GH:28<br>H | GH:30<br>H | GH:38<br>H | GH:40<br>H | GH:50<br>H | GH:60<br>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<br>H | GH:19<br>H | GH:23<br>H | GH:28<br>H | GH:30<br>H | GH:38<br>H | GH:40<br>H | GH:50<br>H | GH:60<br>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<br>H | GH:19<br>H | GH:23<br>H | GH:28<br>H | GH:30<br>H | GH:38<br>H | GH:40<br>H | GH:50<br>H | GH:60<br>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<br>H | GH:19<br>H | GH:23<br>H | GH:28<br>H | GH:30<br>H | GH:38<br>H | GH:40<br>H | GH:50<br>H | GH:60<br>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

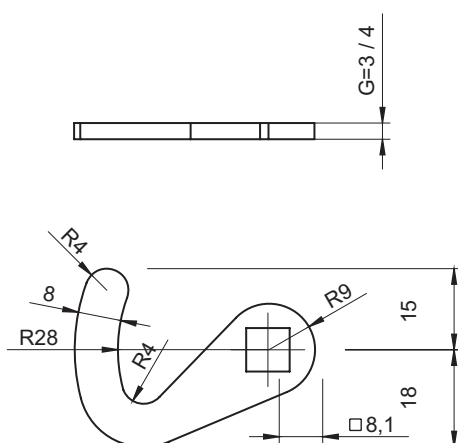
| 35            | H  | Cat. Number | g <sup>+</sup> | h   | L  | GH:18<br>H | GH:22<br>H | GH:30<br>H | GH:40<br>H | GH:50<br>H | GH:60<br>H |
|---------------|----|-------------|----------------|-----|----|------------|------------|------------|------------|------------|------------|
| CAM RANGE [G] | 18 | J-3001845   | 3              | 0   | 45 | 18         | 22         | 30         | 40         | 50         | 60         |
|               | 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

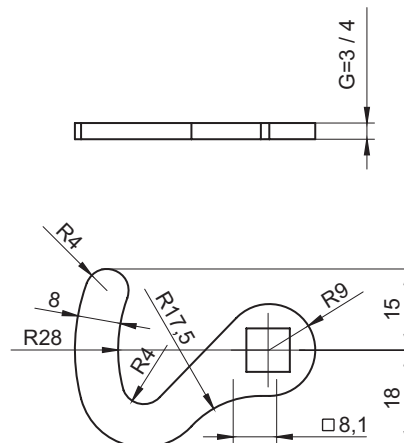
| 36            | H  | Cat. Number | g <sup>+</sup> | h   | L  | GH:18<br>H | GH:22<br>H | GH:30<br>H | GH:40<br>H | GH:50<br>H | GH:60<br>H |
|---------------|----|-------------|----------------|-----|----|------------|------------|------------|------------|------------|------------|
| CAM RANGE [G] | 18 | J-3001845SN | 3              | 0   | 45 | 18         | 22         | 30         | 40         | 50         | 60         |
|               | 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

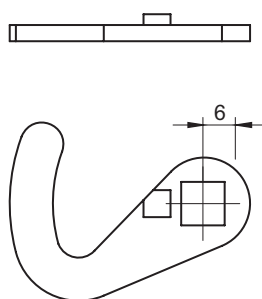
JK1-10018-G-M



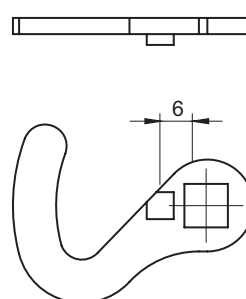
JK2-10018-G-M



JK1-16018-G-L-M



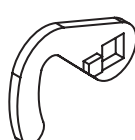
JK2-16018-G-P-M



JK1 Left



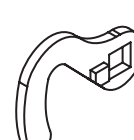
JK1 Right



JK2 Left



JK2 Right



| CAT. NUMBER     |                 | DESCRIPTION            | MATERIAL                                       |
|-----------------|-----------------|------------------------|------------------------------------------------|
| JK1-10018-G-M   | JK2-10018-G-M   | Cam no limiter         | ST - steel zinc plated<br>SN - stainless steel |
| JK1-16018-G-L-M | JK2-16018-G-L-M | Left cam with limiter  |                                                |
| JK1-16018-G-P-M | JK2-16018-G-P-M | Right cam with limiter |                                                |

## How to order :

Catalogue no.

Thickness cam G=3, 4

Closing direction L-left, P-right  
(Only for cam with limiter)

Material version (ST, SN)

JK1-10018

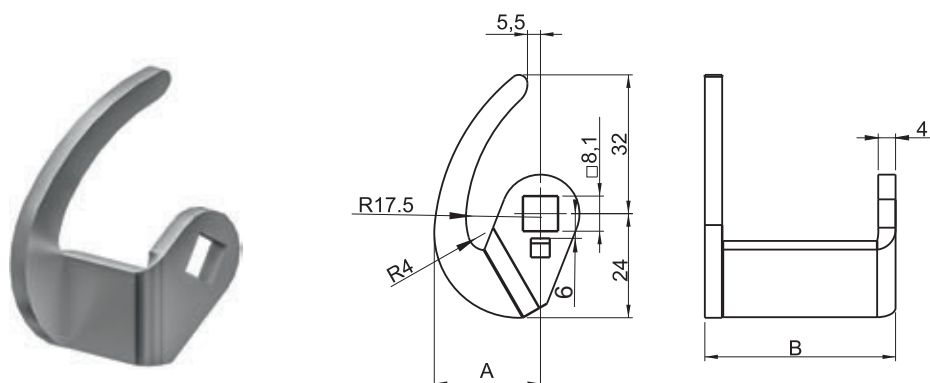
G

L

ST



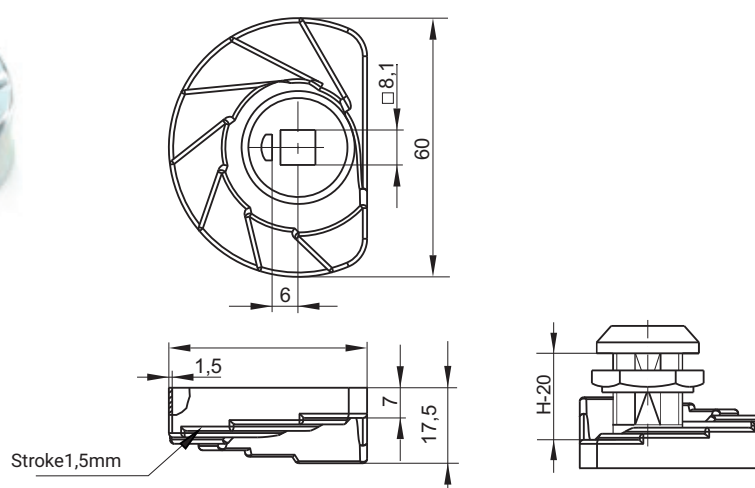
1-point cam without limiter  
TYP J-6000



1-point cam with limiter  
TYP J-6000



1-point cam stepped  
TYP JK-1610.01.

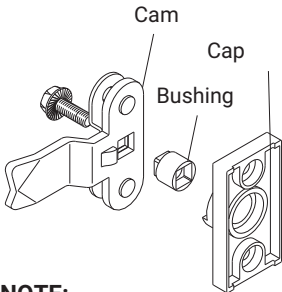
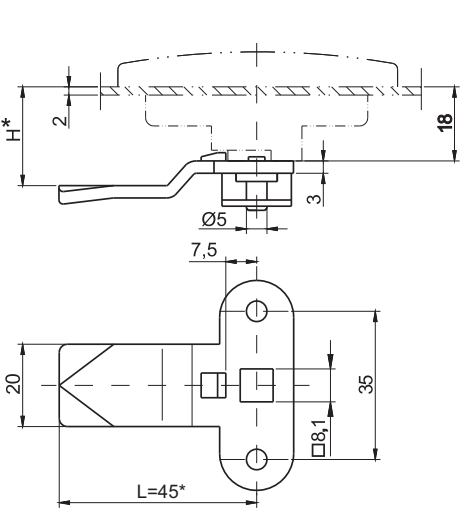


Dimension H 18mm: 20, 18.5, 17, 15.5, 14, 12.5, 11, 9.5  
Cam works with housing 18, 30, 60

| 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 |                 |                                  |                |      |    |



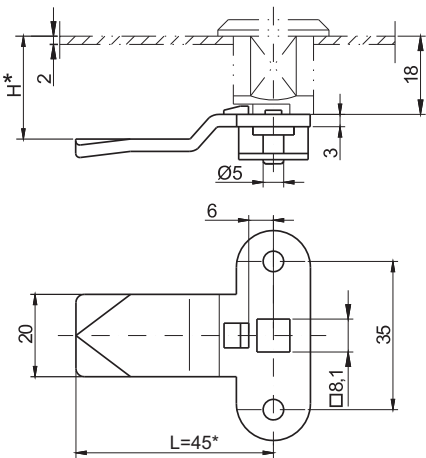
3-point CAM.  
(with limiter and protective element for Cap)



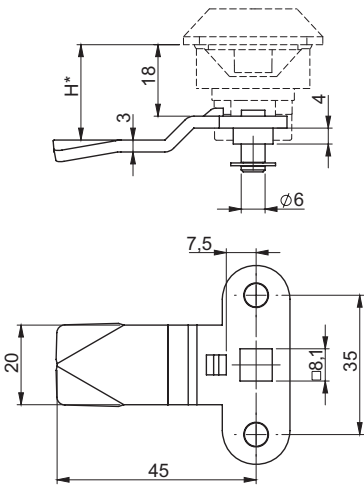
**NOTE:**  
When ordering 3-point cam with limiter for cap, you must order bushing, page 1C-27.



3-point CAM.  
(with limiter and protective element)



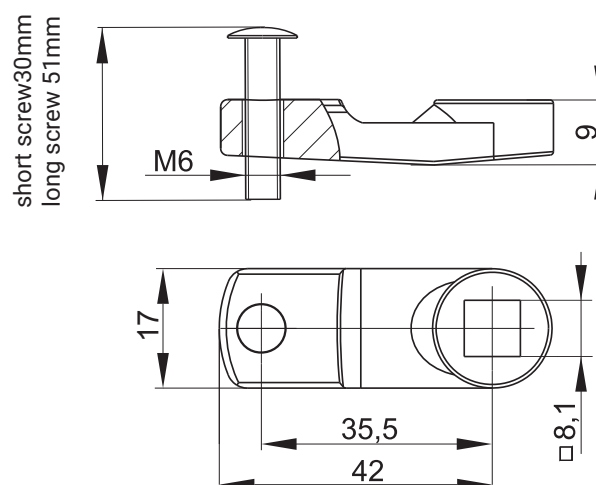
3-point CAM.  
(with limiter)



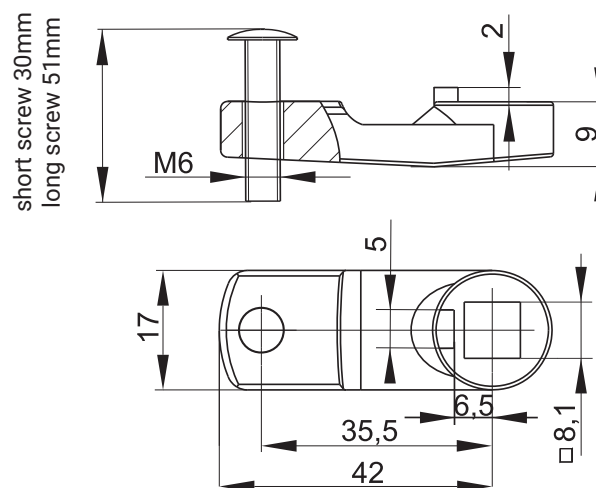
| 38                                            | CAT. NUMBER      |                 | NAME                                                                                          | DIMENSION<br>H [mm] | MATERIAL                                |
|-----------------------------------------------|------------------|-----------------|-----------------------------------------------------------------------------------------------|---------------------|-----------------------------------------|
|                                               | SEEL ZINC PLATED | STAINLESS STEEL |                                                                                               |                     |                                         |
| CAM RANGE [G]                                 | JBN-37518        | JBN-37518SN     | 3-point cam with limiter and<br><b>protective element</b> used<br>with <b>cap, pager</b> 1C-9 | 18                  | Steel zinc plated<br>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<br><b>protective element</b>                                     | 18                  | Steel zinc plated<br>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<br>or Stainless Steel |
|                                               | JA-3752145       | JB-3752145SN    |                                                                                               | 21                  |                                         |
|                                               | JA-3752445       | JB-3752445SN    |                                                                                               | 24                  |                                         |
|                                               | JA-3752945       | JB-3752945SN    |                                                                                               | 29                  |                                         |
| • <i>*dimension negotiable - extra charge</i> |                  |                 |                                                                                               |                     |                                         |



**1-point CAM JZ**  
(without limiter)



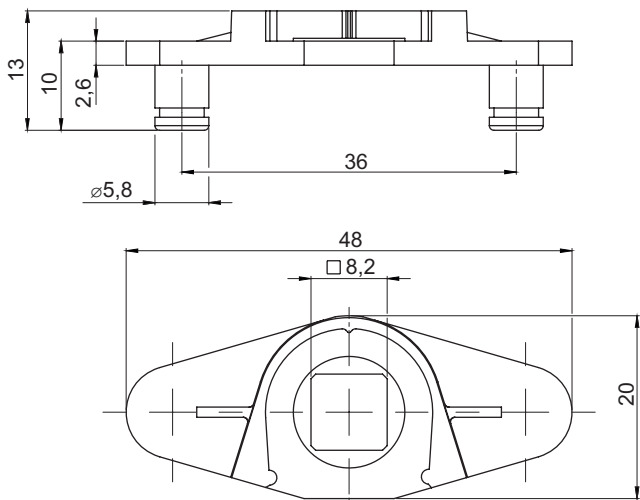
**1-point CAM JZ**  
(with limiter)



| 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 |

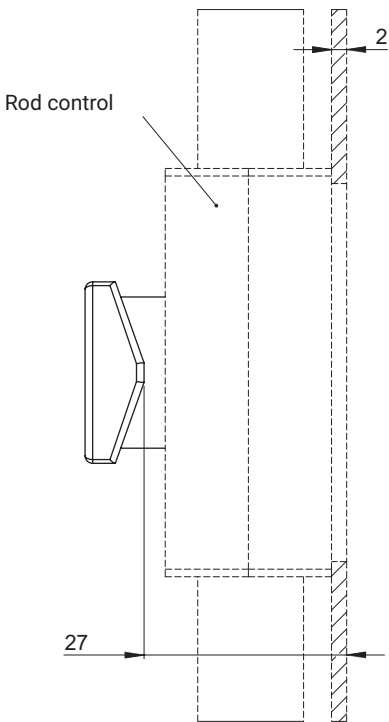
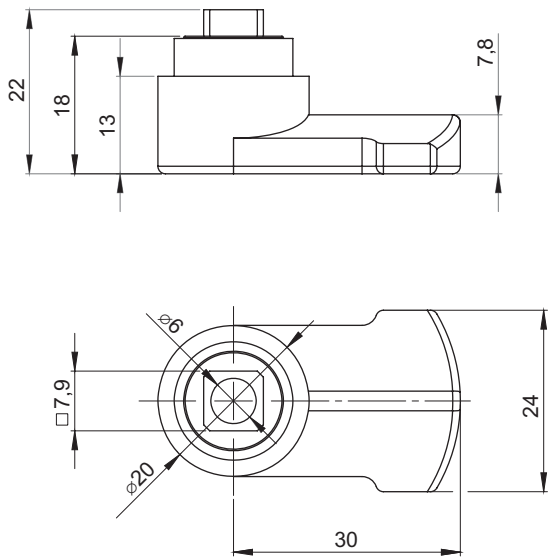


Cam adapter JC-20018/36  
Cam ZAMAK JZN-10027/30



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

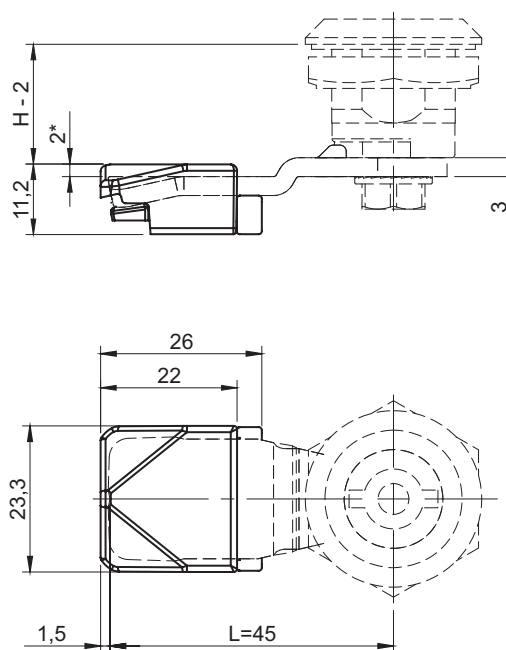
Cam adapter JC-20018/36 is fitted with the rod 1C.904.051.  
and group of cams 1-point no. 11, 12, 13, 14, 15, 16 i 17 (pg. 1C-10 - 1C-13)



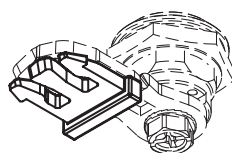
| CATALOGUE NO. | DETAIL | MATERIAL           |
|---------------|--------|--------------------|
| JZN-10027/30  | Cam    | ZAMAK, zinc plated |

Adapter fitted with rod control.  
(pg.: 1C-28 - 1C-33)

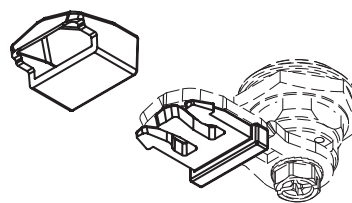
NEW



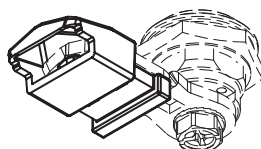
1. Place the clip at the bottom end of the cam



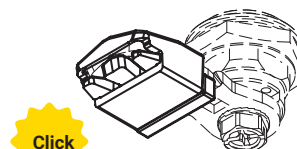
2. Slide the cap onto the clip



3. Holding the clip and the cam slide the cap on completely



4. The cap will eventually slide into place, signaled by a distinct click



\* The addition of the Sliding End Cap decreases the functioning height H by 2mm.

- Good material properties ensure less friction on contact.

- The use of the Sliding End Cap prevents metal-on-metal contact which increases the safety of electrical and electronic components inside the cabinet.

Sliding End Cap 1C.920.001 is compatible with cams:

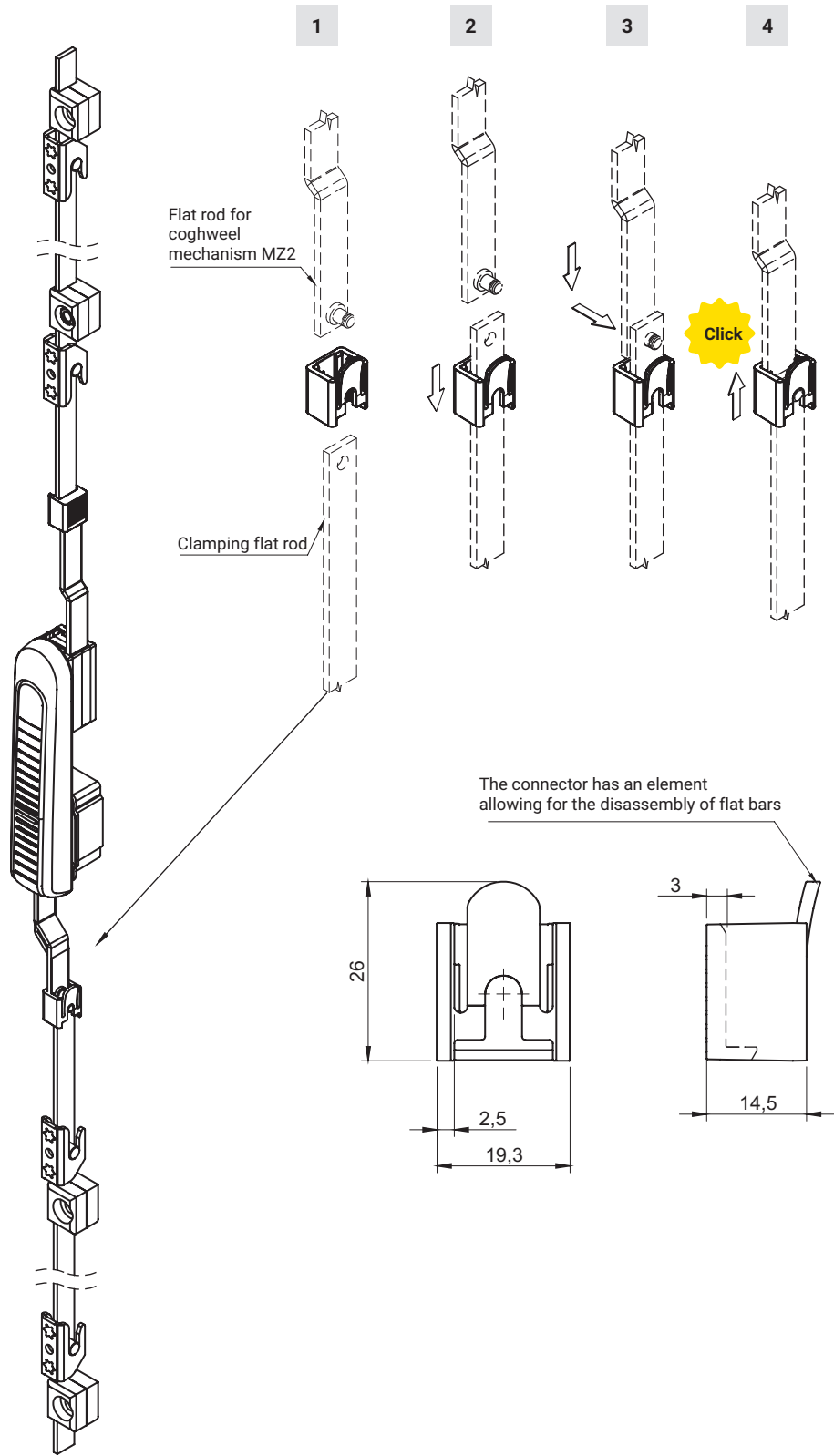
J-175.20.45, J-175.23.45, J-175.26.45, J-175.29.45,

CATALOGUE NO.

1C.920.001

MATERIAL

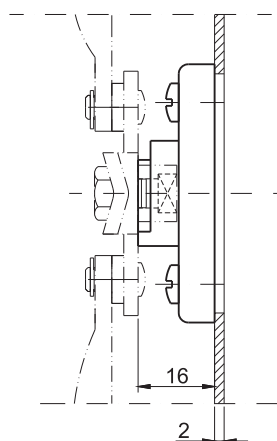
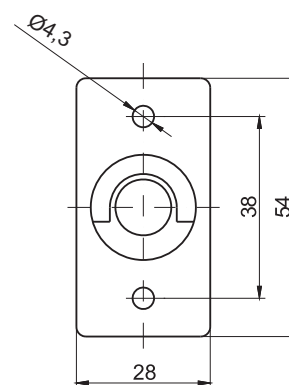
Natural POM



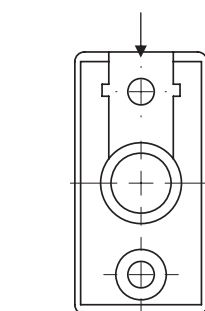
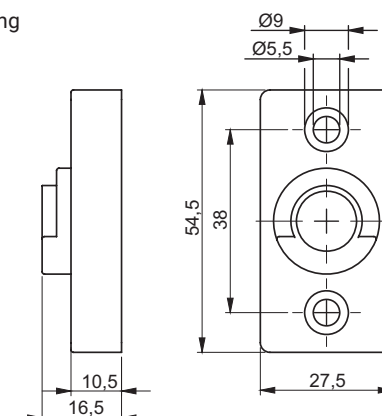
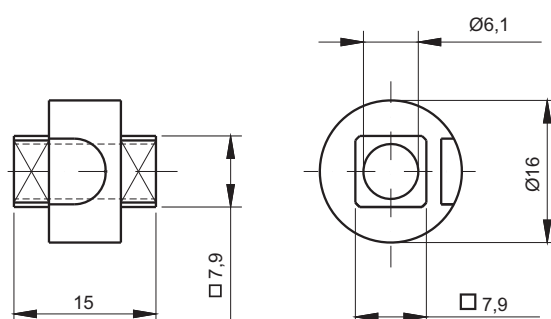
The MZ2 quick-mount bracket for the MZ2 gear unit flat bars with clamping bars is compatible with:

- flat bars with rollers: A20, A25 page 1C-34,
- flat clamping bars on the round hole P: ver. A, ver. B, ver. C, ver. D pg. 1C-36 - 1C-40

| CATALOGUE NO. | MATERIAL           |
|---------------|--------------------|
| 1C.921.001    | Polyamide PA6 GF30 |

CAP  
1C.902.001

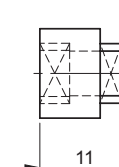
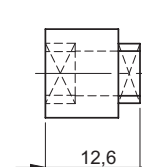
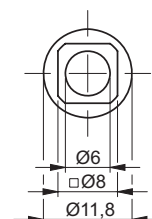
Cap can be fitted with earthing

CAP  
1C.902.003ADAPTER  
1C.903.001

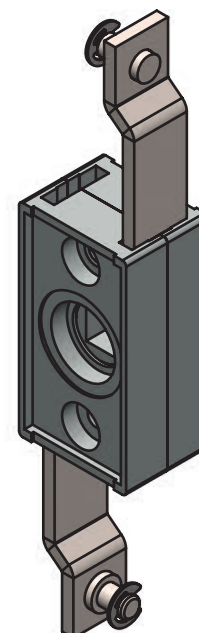
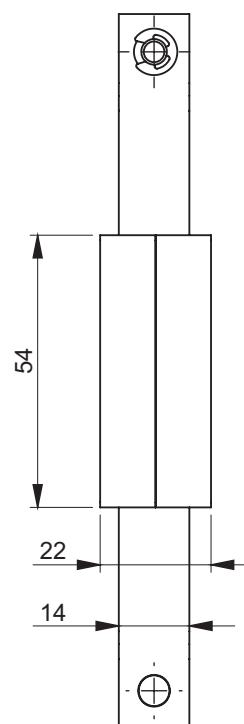
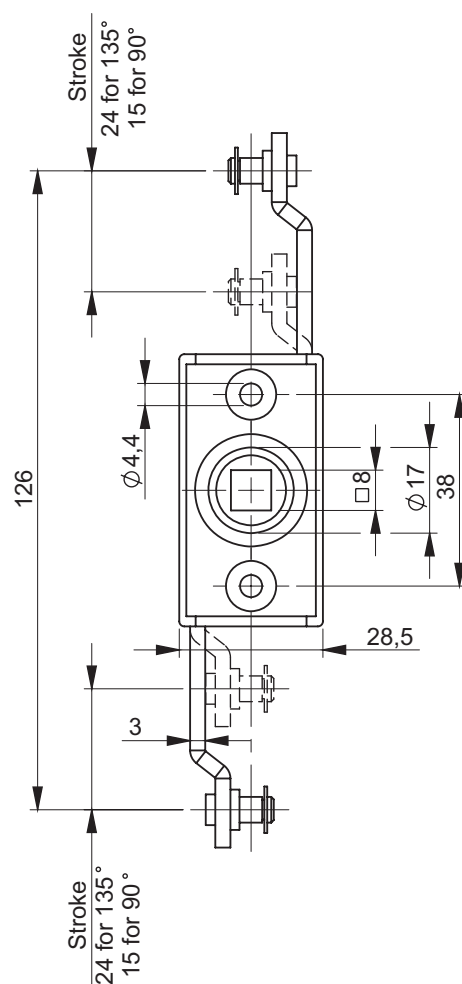
BUSHING

1C.901.001

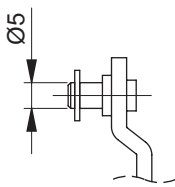
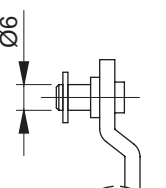
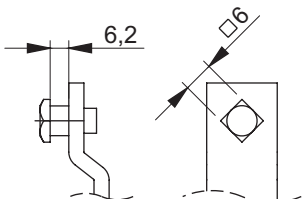
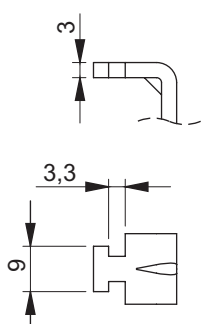
1C.901.005



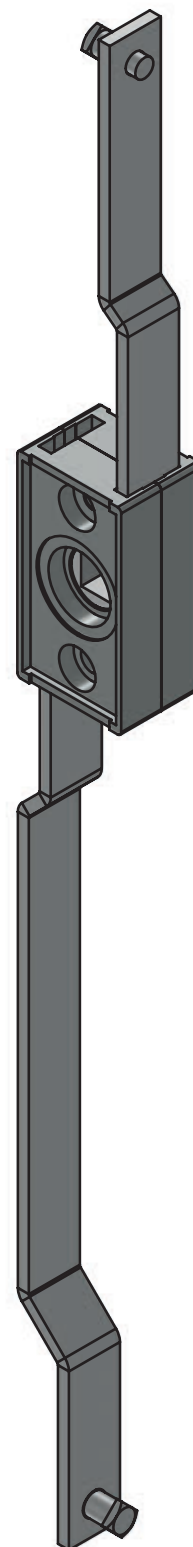
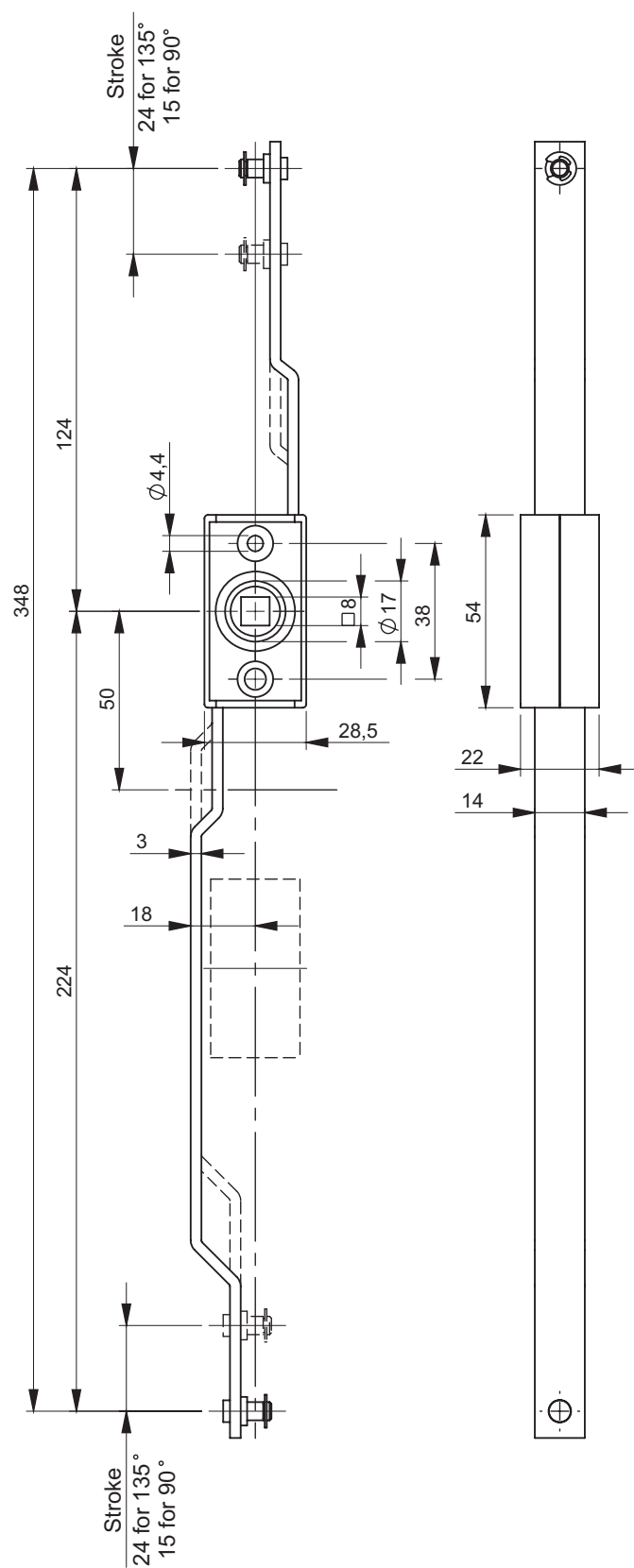
| CAT. NUMBER  | NAME                                 | MATERIAL        |
|--------------|--------------------------------------|-----------------|
| 1C.901.001   | Bushing for doors at thickness 2,5mm | ZAMAK           |
| 1C.901.001SN | Bushing for doors at thickness 2,5mm | Stainless steel |
| 1C.901.005   | 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

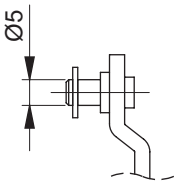
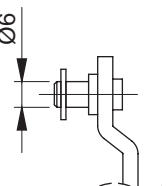
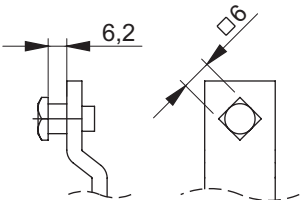
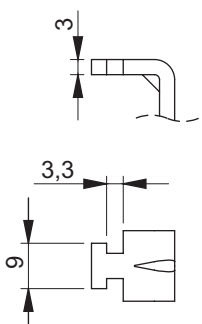
| Version |                                                                                     | CATALOGUE NO. | COMPONENTS      |                   |
|---------|-------------------------------------------------------------------------------------|---------------|-----------------|-------------------|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

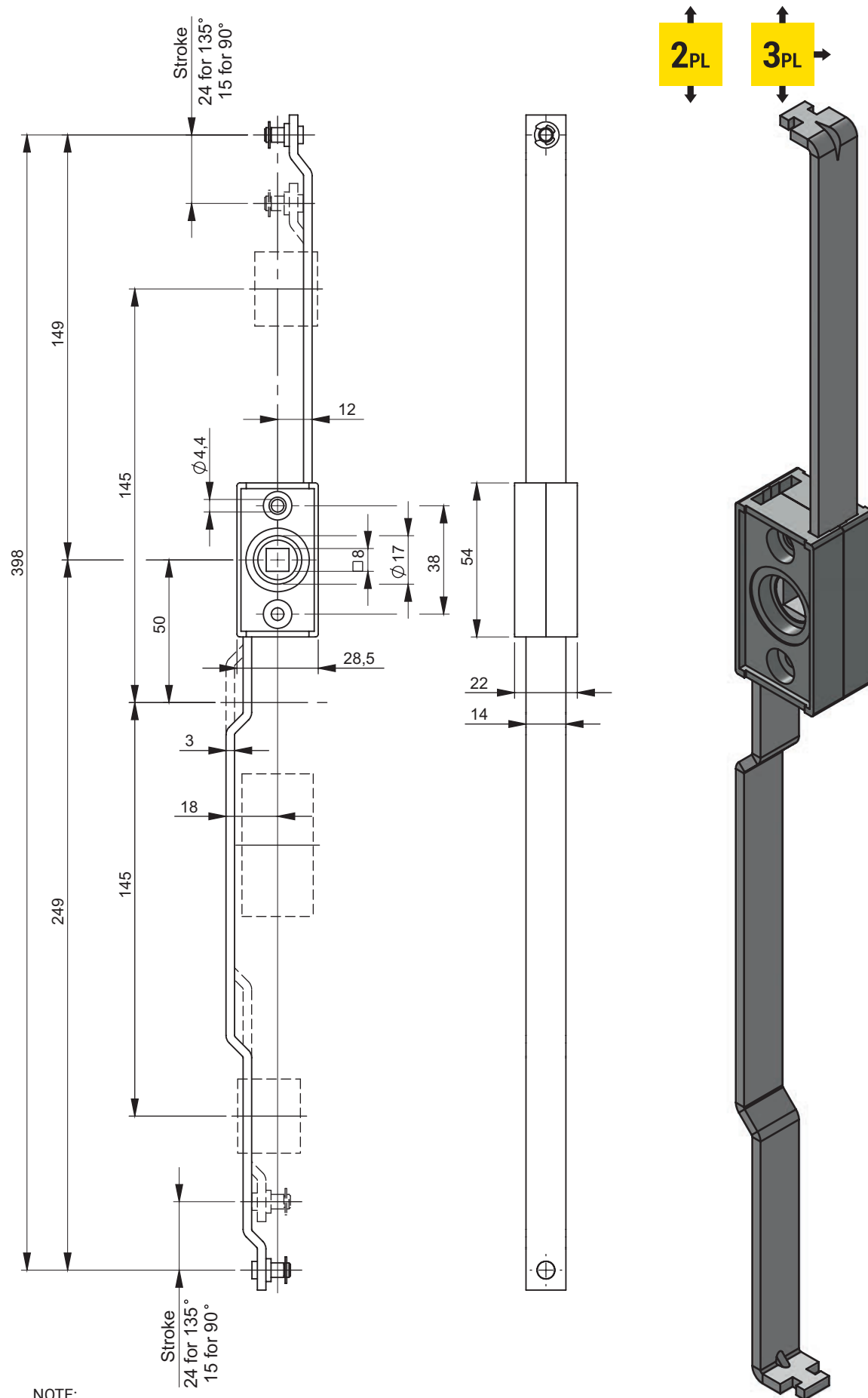




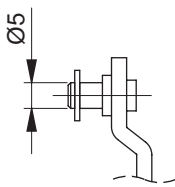
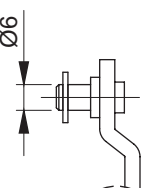
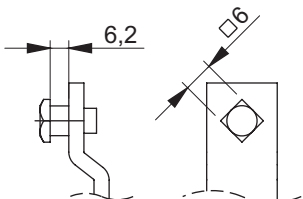
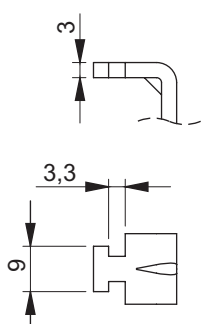
**NOTE:**

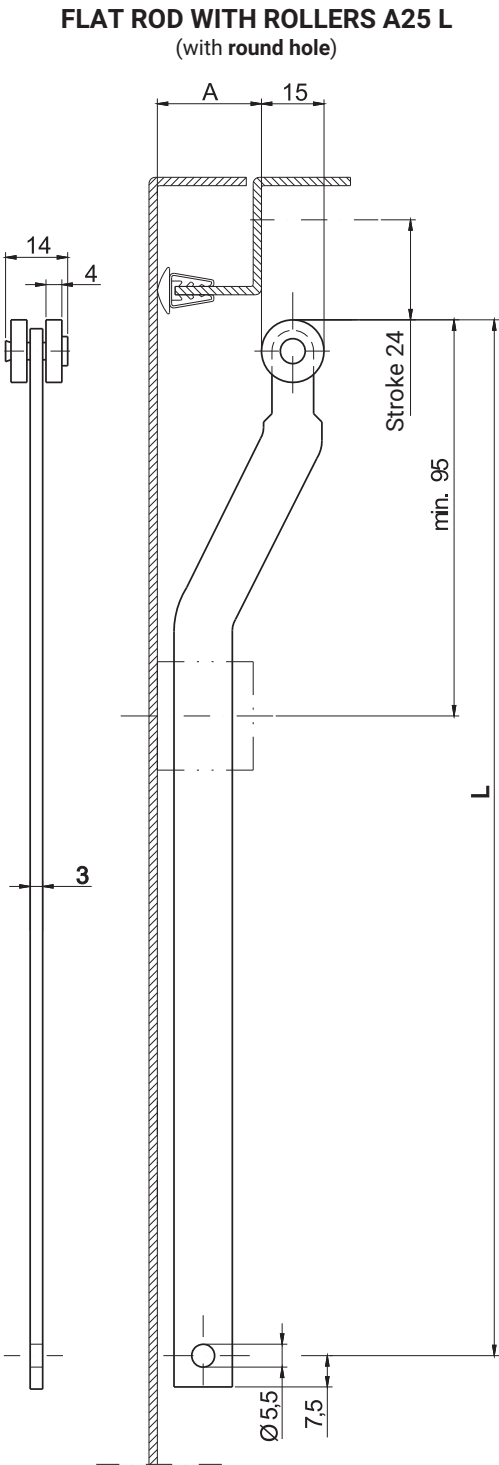
When ordering cogwheel mechanism MZ2K or MZ2P you must order flat rod with correct hole

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

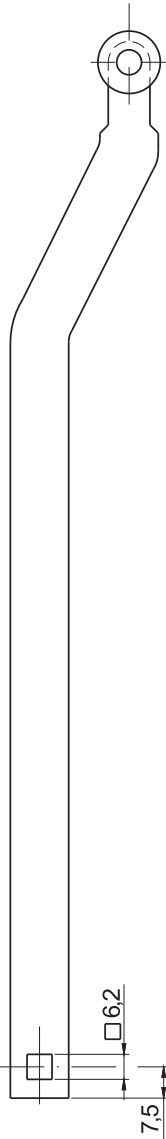


NOTE:  
When ordering cogwheel mechanism MZ3K or MZ3P you must order flat rod with correct hole

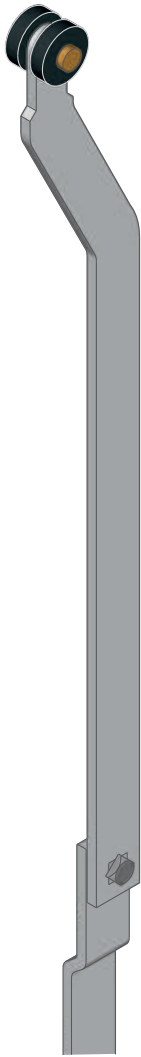
| Version |                                                                                     | CATALOGUE NO. | COMPONENTS      |                   |
|---------|-------------------------------------------------------------------------------------|---------------|-----------------|-------------------|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



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

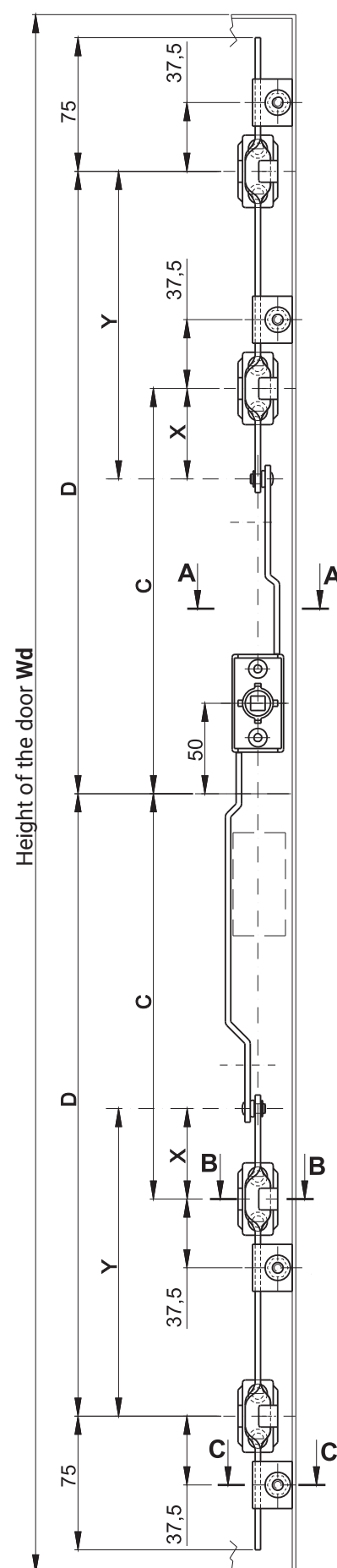
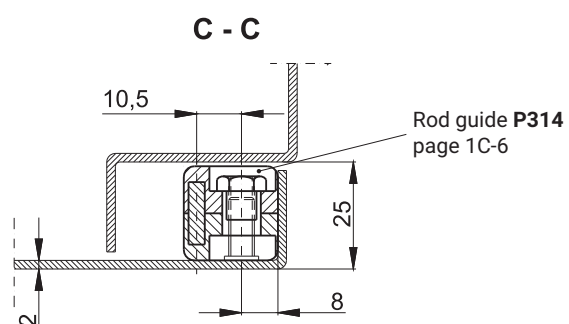
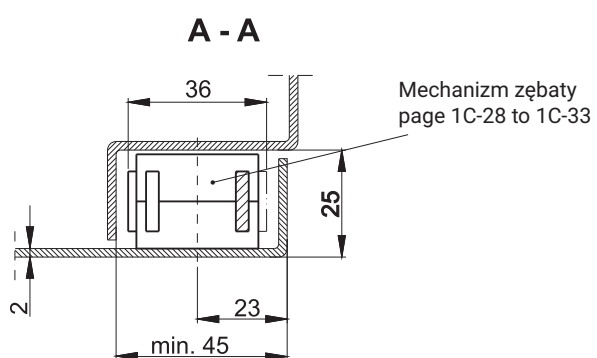
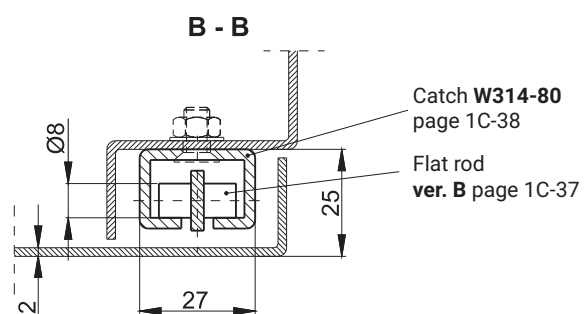
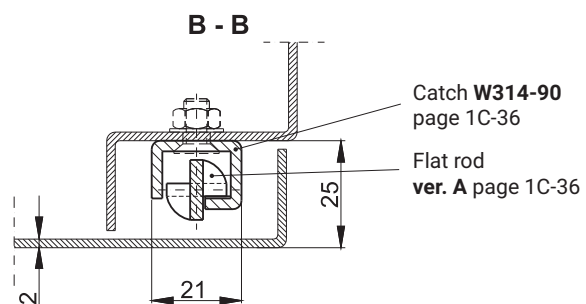
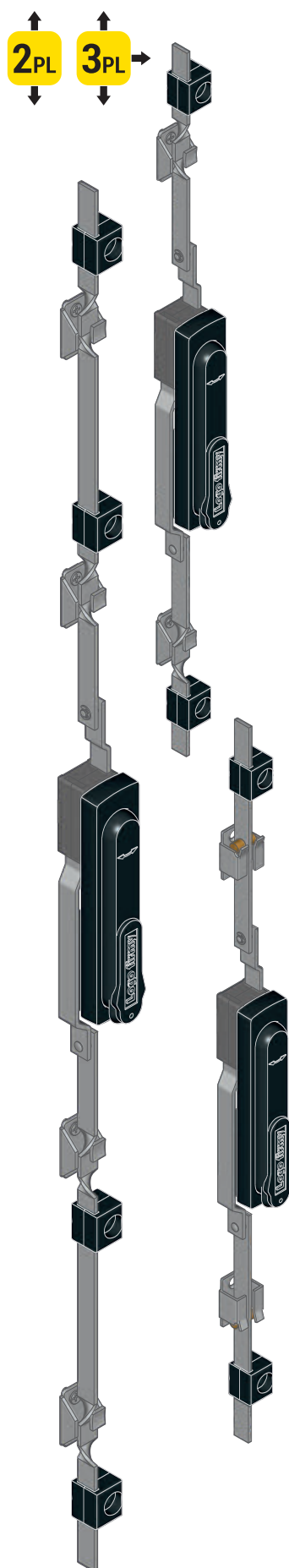


**FLAT ROD WITH ROLLERS A25P - L**



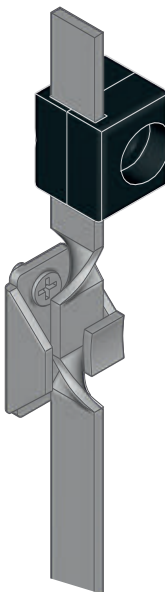
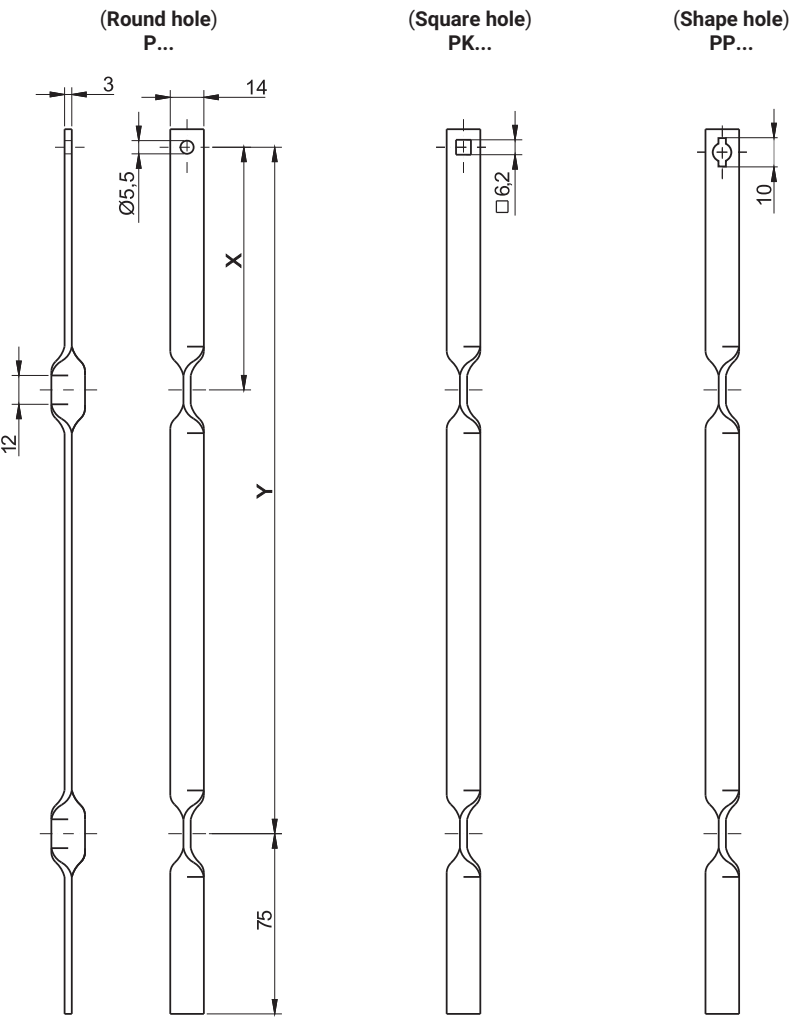
**NOTE:** Additionally possibility of ordering rubber profile, page 6-1 to 6-15, 6-10 to 6-11

| CAT. NUMBER                                                                                           | NAME                                               | MATERIAL                                       | DIMENSIONS |                       |  |  |
|-------------------------------------------------------------------------------------------------------|----------------------------------------------------|------------------------------------------------|------------|-----------------------|--|--|
|                                                                                                       |                                                    |                                                | A          | L                     |  |  |
| A20 - L                                                                                               | Flat rod with rollers with <b>round hole</b>       | Flat rod - steel zinc plated<br>Rolllers - PA6 | 20         | Dimensions negotiable |  |  |
| A25 - L                                                                                               |                                                    |                                                | 25         |                       |  |  |
| A20K - L                                                                                              | Flat rod with rollers with <b>square hole</b>      |                                                | 20         |                       |  |  |
| A25K - L                                                                                              |                                                    |                                                | 25         |                       |  |  |
| A20P - L                                                                                              | Flat rod with rollers<br><b>A20P - L, A25P - L</b> |                                                | 20         |                       |  |  |
| A25P - L                                                                                              |                                                    |                                                | 25         |                       |  |  |
|                                                                                                       |                                                    |                                                |            |                       |  |  |
| • <b>Fox example:</b> A25K-300 means flat rod 3x14mm, dimension A=25, lenght L=300mm with square hole |                                                    |                                                |            |                       |  |  |
| • <b>Possibility</b> of producing other flat rod on special request                                   |                                                    |                                                |            |                       |  |  |

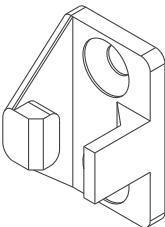
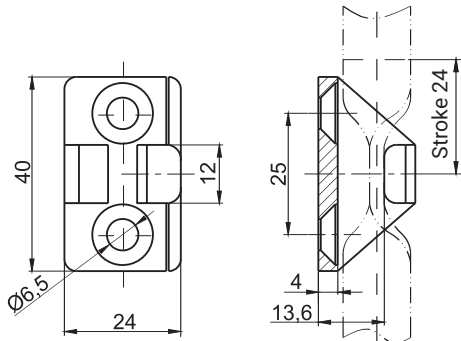




FLAT ROD  
ver. A

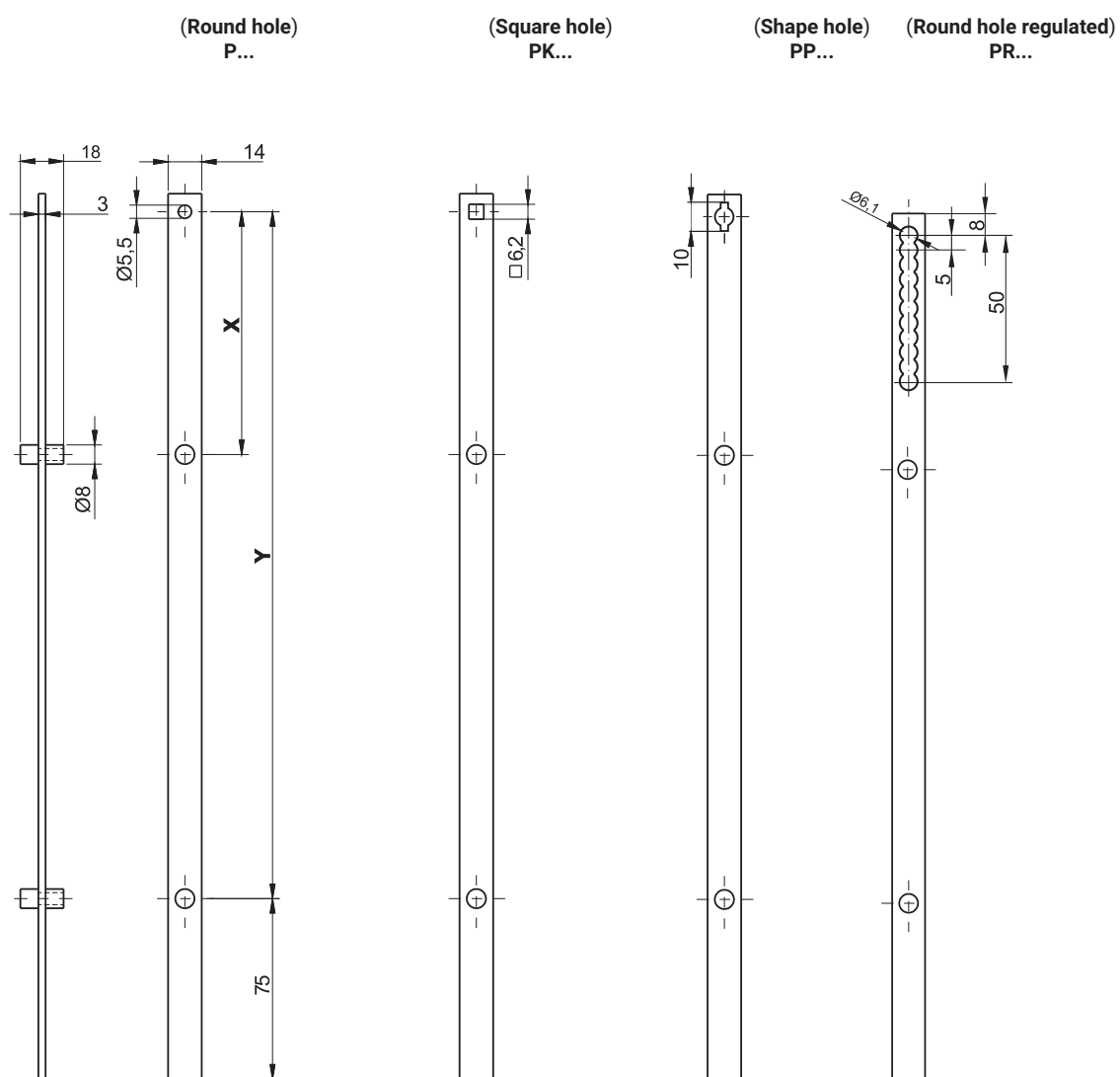


CATCH W314-90  
(for Flat Rod ver.A - znal)



| CATALOGUE NUMBER<br>FLAT ROD VER. A |             |            | DOOR<br>HEIGHT<br>Wd      | DIMENSION TO<br>THE FLAT ROD |                        | DIMENSION TO<br>DOOR CENTER |     | MATERIAL                |
|-------------------------------------|-------------|------------|---------------------------|------------------------------|------------------------|-----------------------------|-----|-------------------------|
| Round hole                          | Square hole | Shape hole |                           | X                            | Y                      | C                           | D   |                         |
| P190-210                            | PK190-210   | PP190-210  | 800 - 1200                | -                            | 126                    | -                           | 300 | Steel<br>zinc<br>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 |                             |     |                         |

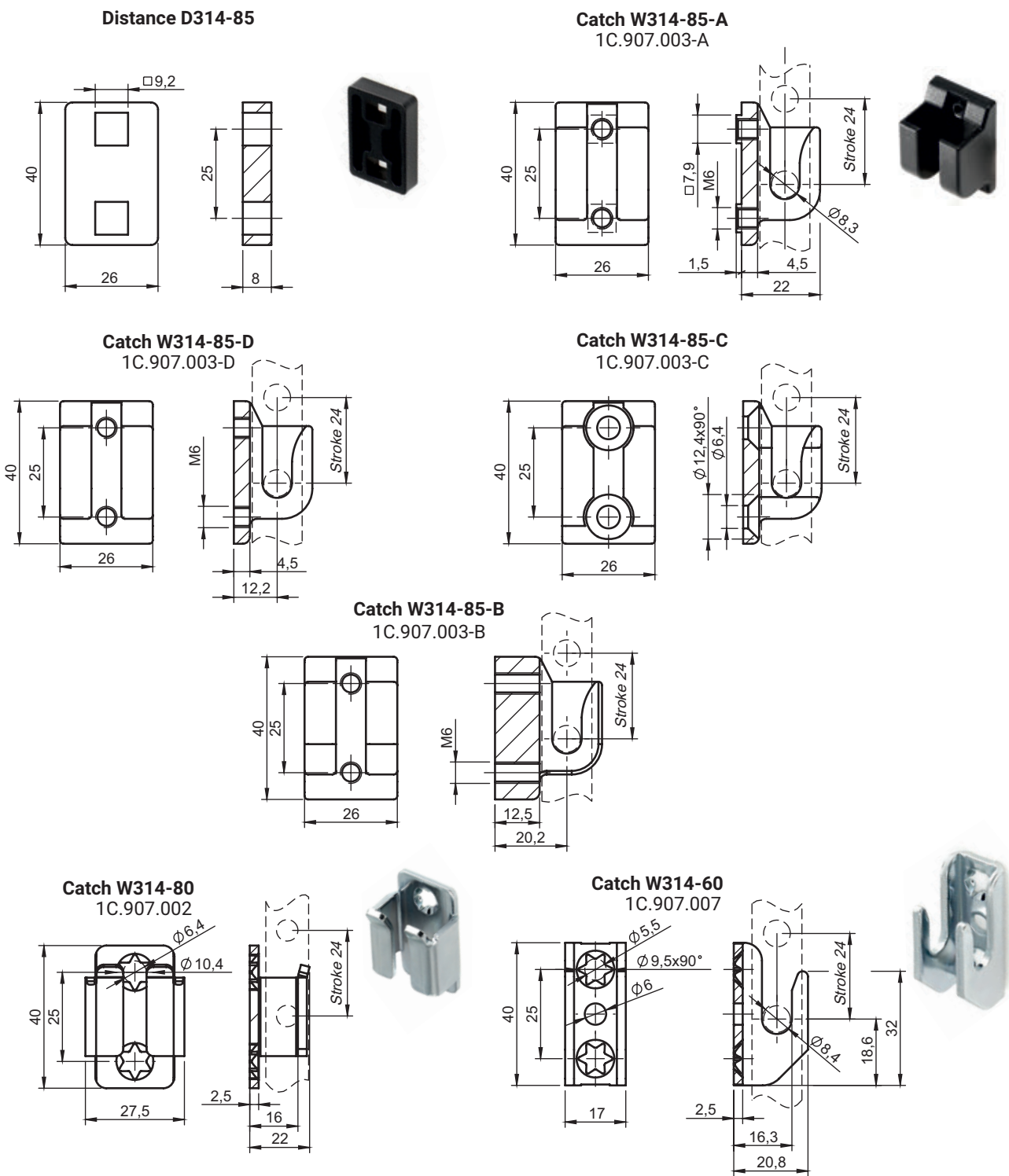
**FLAT ROD**  
**ver. B**



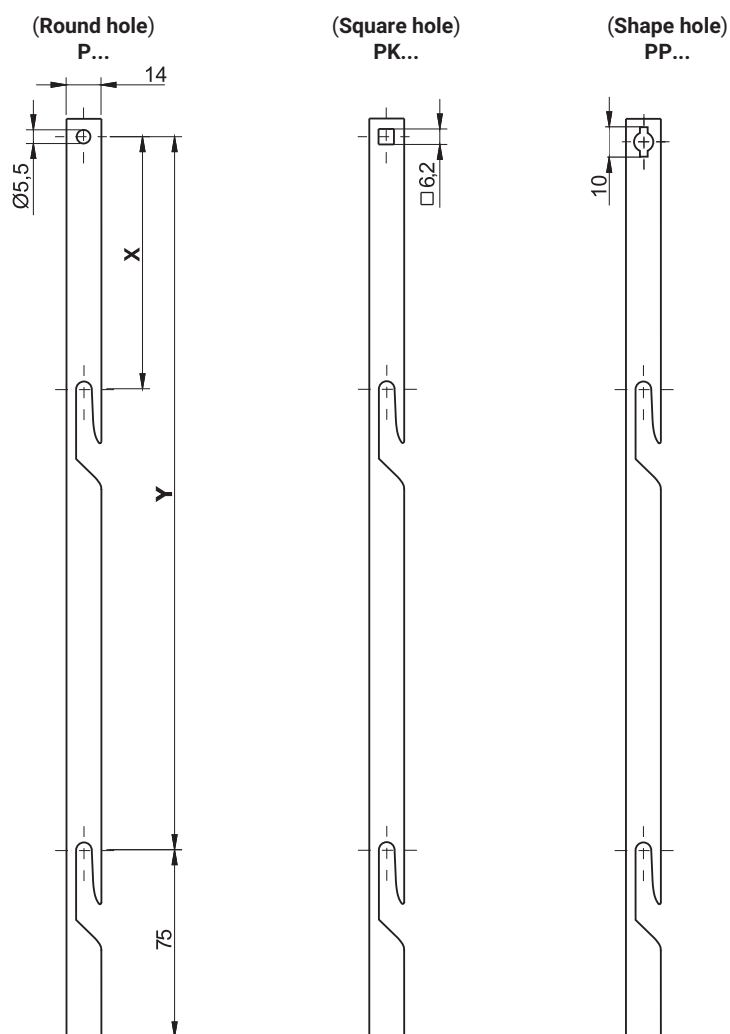
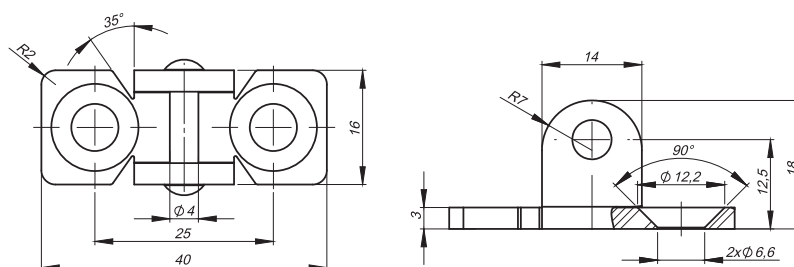
| CATALOGUE NUMBER<br>FLAT ROD VER. B |             |            | DOOR<br>HEIGHT<br>Wd | DIMENSION OF<br>THE FLAT ROD |     | DIMENSION TO<br>DOOR CENTER |     | MATERIAL             |
|-------------------------------------|-------------|------------|----------------------|------------------------------|-----|-----------------------------|-----|----------------------|
| Round hole                          | Square hole | Shape hole |                      | X                            | Y   | C                           | D   |                      |
| P18-210                             | PK18-210    | PP18-210   | 800 - 1200           | -                            | 126 | -                           | 300 | Steel zinc<br>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-35.

Catch for flat rod ver. B



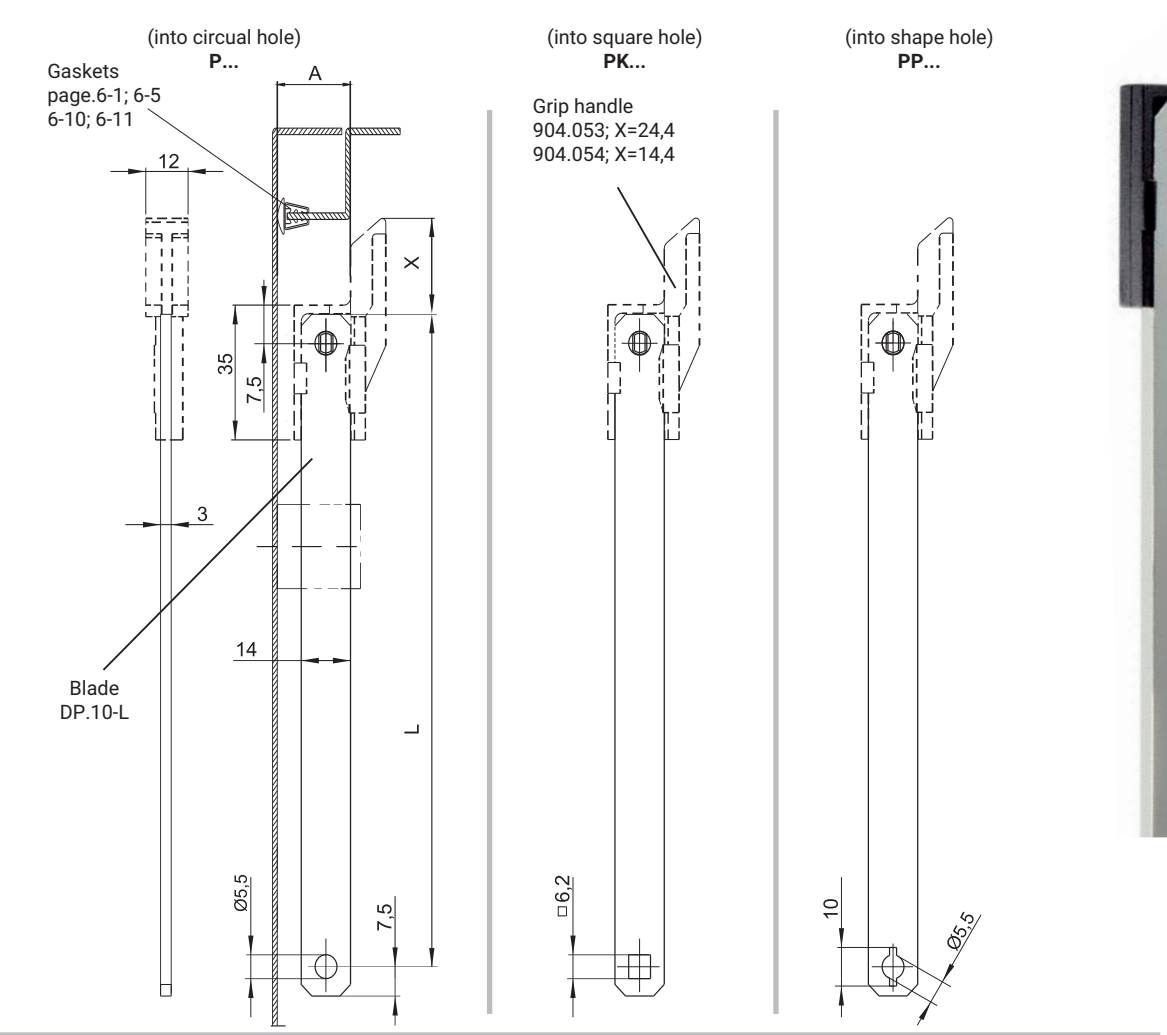
| CAT. NUMBER     | NAME                                      | MATERIAL          |
|-----------------|-------------------------------------------|-------------------|
| 1C.908.001      | Distance D314-85 for catch 1C.907.003.001 | ZAMAK5            |
| 1C.907.003-A    | Catch W314-85-A                           | ZAMAK5            |
| 1C.907.003-B    | Catch W314-85-B                           | ZAMAK5            |
| 1C.907.003-C    | Catch W314-85-C                           | ZAMAK5            |
| 1C.907.003-C SN | Catch W314-85-C                           | Stainless steel   |
| 1C.907.003-D    | 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. CCATCH W314-70  
(for Flat Rod ver. C - steel)

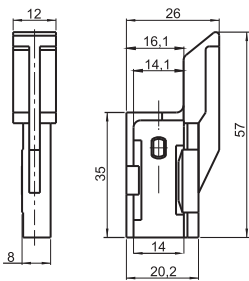
| CATALOGUE NUMBER<br>FLAT ROD VER. C |             |            | DOOR<br>HEIGHT<br>Wd | DIMENSION OF<br>THE FLAT ROD |     | DIMENSION TO<br>DOOR CENTER |     | MATERIAL                |
|-------------------------------------|-------------|------------|----------------------|------------------------------|-----|-----------------------------|-----|-------------------------|
| Round hole                          | Square hole | Shape hole |                      | X                            | Y   | C                           | D   |                         |
| P390-210                            | PK390-210   | PP38-210   | 800 - 1200           | -                            | 126 | -                           | 300 | Steel<br>zinc<br>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 |

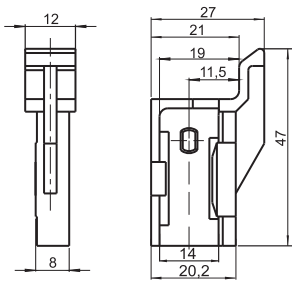
FLAT ROD  
ver. D



GRIP HANDLE  
1C.904.053

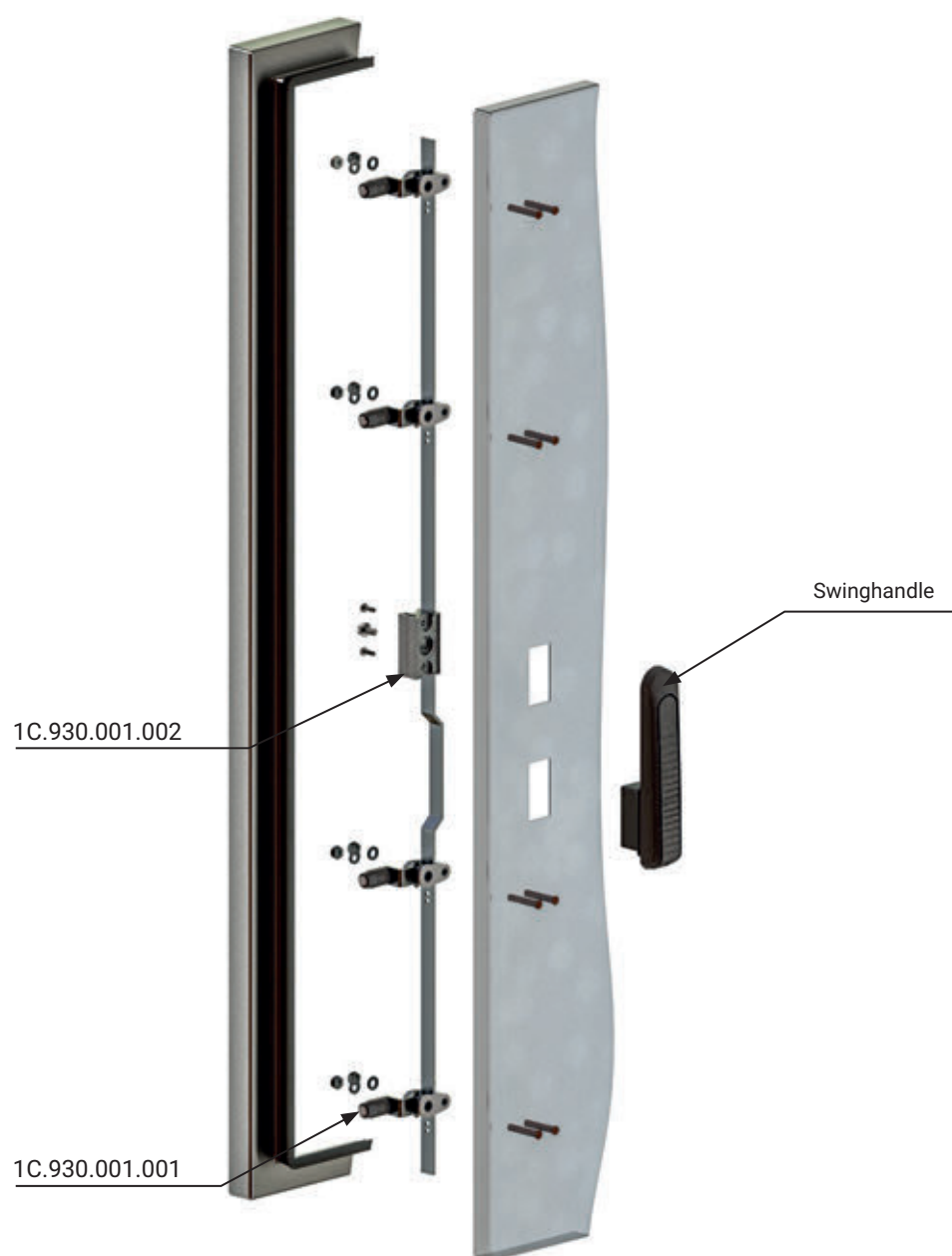


GRIP HANDLE  
1C.904.054



| CAT. NUMBER                                                                                                |              | NAME                             | DIMENSION         |                               | MATERIAL                                           |              |  |
|------------------------------------------------------------------------------------------------------------|--------------|----------------------------------|-------------------|-------------------------------|----------------------------------------------------|--------------|--|
| Steel zinc plated                                                                                          | Steel 1.4301 |                                  | L                 |                               |                                                    |              |  |
| DP.01 - L                                                                                                  | DP.02 - L    | Band pressing into circular hole | 400<br>500<br>600 | Other dimensions to be agreed | Band pressing - steel zinc plated, stainless steel |              |  |
| DPK.01 - L                                                                                                 | DPK.02 - L   | Band pressing into square hole   | 700<br>800        |                               |                                                    |              |  |
| DPP.01 - L                                                                                                 | DPP.02 - L   | Band pressing into shaped hole   | 900<br>1000       |                               |                                                    |              |  |
|                                                                                                            |              |                                  | A                 |                               |                                                    |              |  |
| 1C.904.053                                                                                                 |              | Grip handle                      | 17,5              |                               |                                                    | PA-6 RAL9005 |  |
| 1C.904.054                                                                                                 |              |                                  | 22,5              |                               |                                                    |              |  |
| • <b>Order example:</b> A23K-300 means band pressing 3x14mm, dimension A=23, length of L=300mm into square |              |                                  |                   |                               |                                                    |              |  |
| • <b>Capability</b> of execution flat according to individual orders                                       |              |                                  |                   |                               |                                                    |              |  |

NEW



| CATALOGUE NUMBER | DESCRIPTION                      | COMPONENTS | MATERIAL          |
|------------------|----------------------------------|------------|-------------------|
| 1C.930.001.001   | Bolt                             | Roll       | POM               |
|                  |                                  | Cam        | Steel zinc plated |
| 1C.930.001.002   | Cogwheel mechanism with flat rod | Housing    | ZAMAK             |
|                  |                                  | Flat rod   | Steel zinc plated |

**How to order :**

Catalogue number

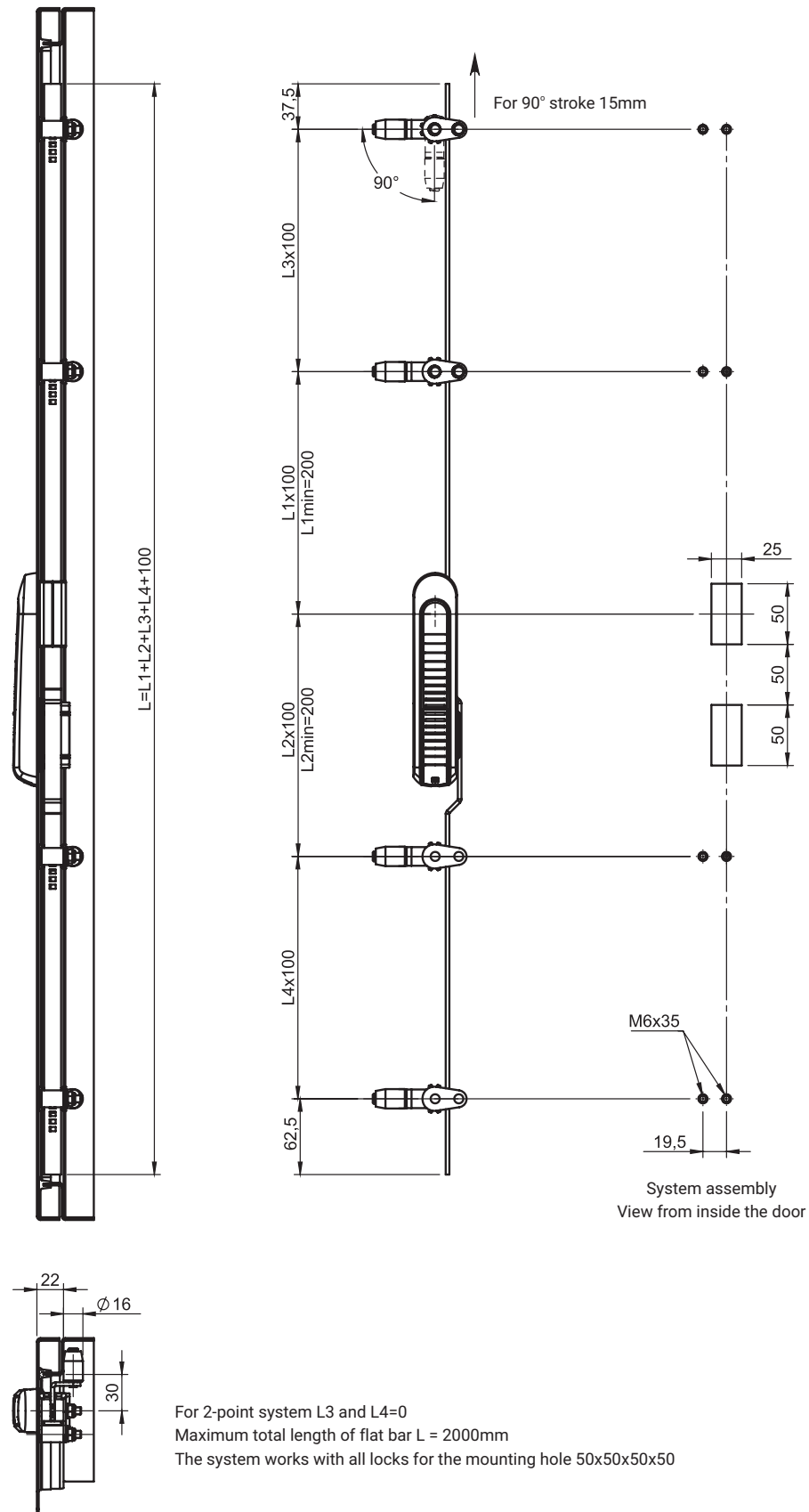
\*\* distance between locks

\*\*for the 1C.390.001.002 detail, the lengths L1, L2, L3 and L4 must be additionally specified  
in case of a 2-point system, indicate only the lengths L1 and L2

Individual system components to be ordered separately

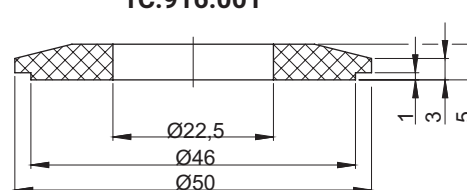
1C.930.001.002 — L1 — L2 — L3 — L4



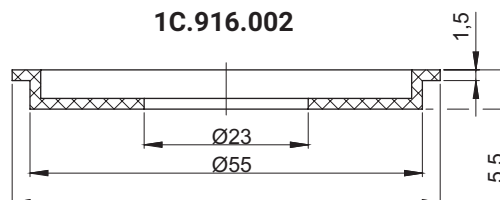




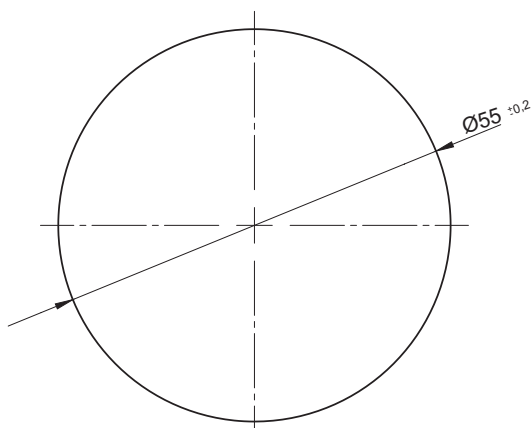
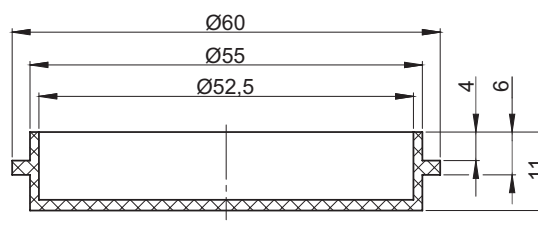
1C.916.001



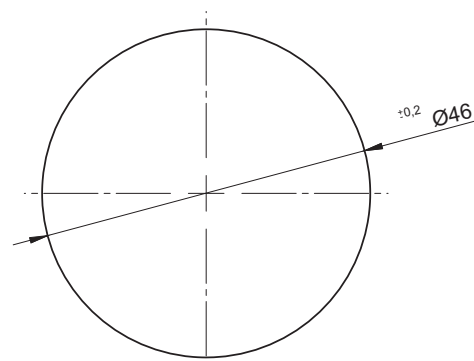
1C.916.002



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

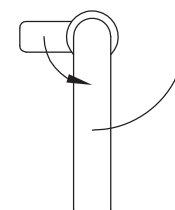
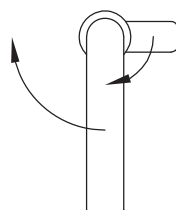
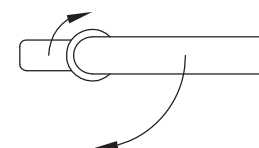
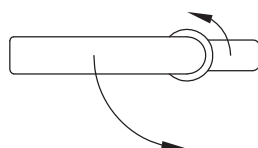
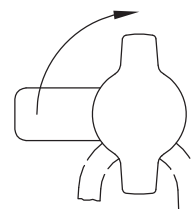
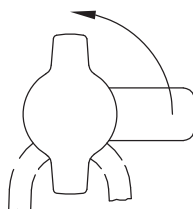
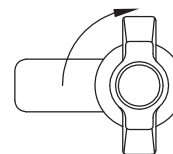
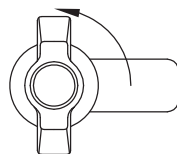
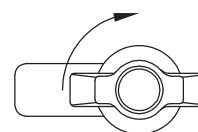
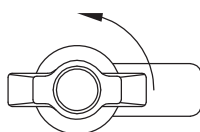
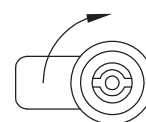
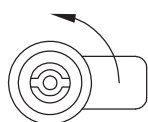
Custom  
products



Locks in the closed position  
arrow indicates the direction of opening

### LOCKS FOR LEFT DOORS

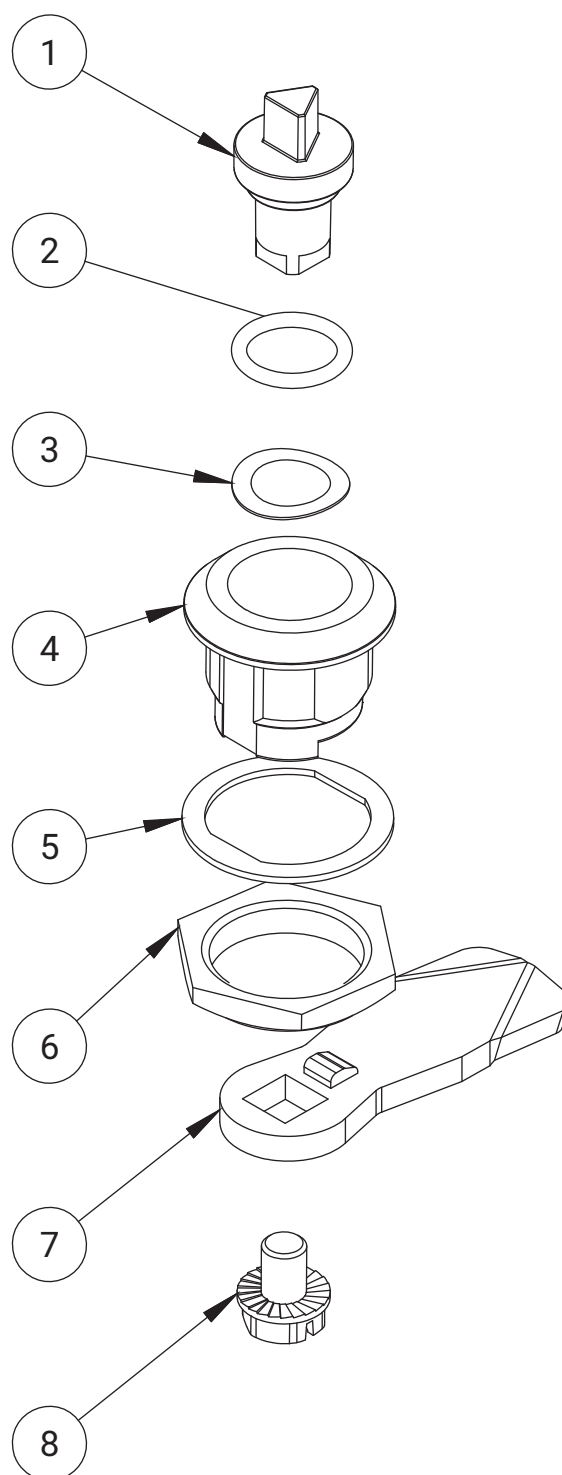
### LOCKS FOR RIGHT DOORS



2A-1

| Locks

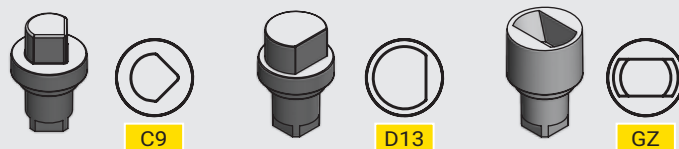
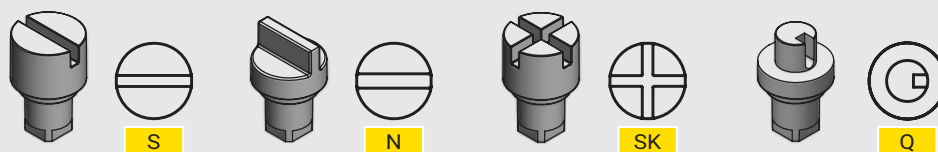
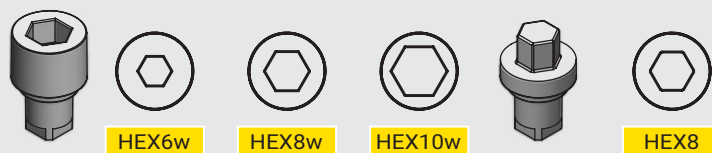
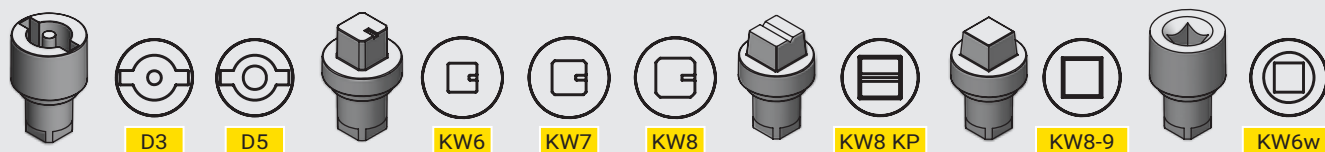
[www.roztocze.eu](http://www.roztocze.eu)



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

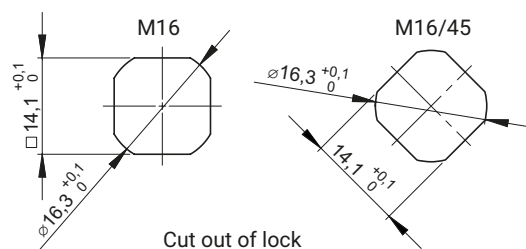
## INSERT



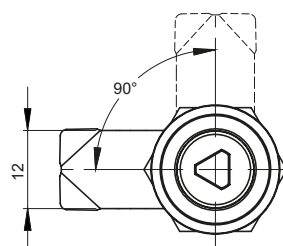
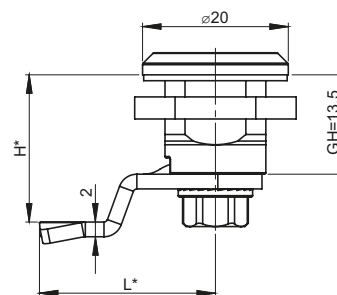
## INSERT PATENT WITH CODE KEY:



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



Cut out of lock



| 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  |

## How to order :

|                     |        |     |        |   |   |
|---------------------|--------|-----|--------|---|---|
| Type of lock        | M16/45 | C.N | T7.C.D | H | L |
| Type of housing     |        |     |        |   |   |
| Type of insert      |        |     |        |   |   |
| The height of cam H |        |     |        |   |   |
| The length of cam L |        |     |        |   |   |

Available height of cam H = 13,5; 20

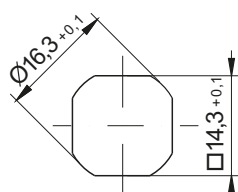
Available length of cam L = 23; 25

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

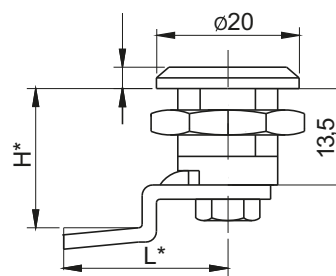
\* Possibility to order in a different dimension

meaning: C - marking of material for housing as well as surface finish for housing and insert

H.G - cam bended dimension



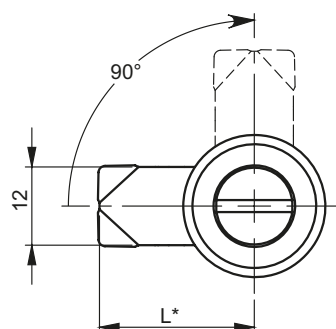
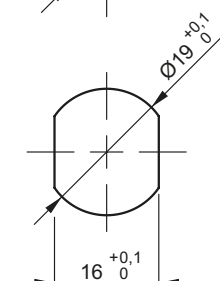
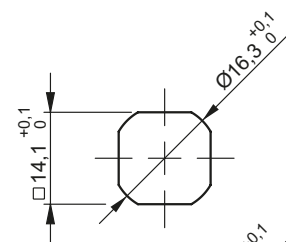
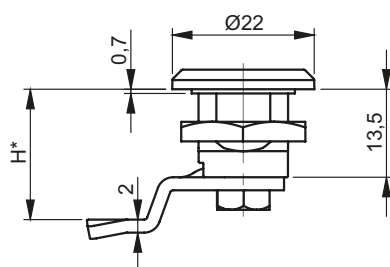
Cut Out



| INSERTS | FINISH [C] |
|---------|------------|
| SK      | RAL 9005   |
|         | 04         |

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





| Material<br>for insert<br>[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 |     |
|-------|--|--|--|--|--|-----------------|-----|
| 13    |  |  |  |  |  | 304             | 316 |
|       |  |  |  |  |  | 14              | 15  |

## How to order :

|                     |        |   |     |   |        |   |   |   |   |
|---------------------|--------|---|-----|---|--------|---|---|---|---|
|                     | M16-19 | — | C.N | — | T7.C.D | — | H | — | L |
| Type of lock        |        |   |     |   |        |   |   |   |   |
| Type of housing     |        |   |     |   |        |   |   |   |   |
| Type of insert      |        |   |     |   |        |   |   |   |   |
| The height of cam H |        |   |     |   |        |   |   |   |   |
| The lenght of cam L |        |   |     |   |        |   |   |   |   |

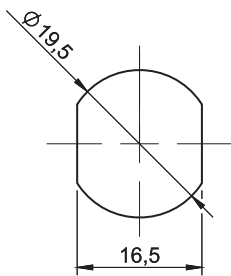
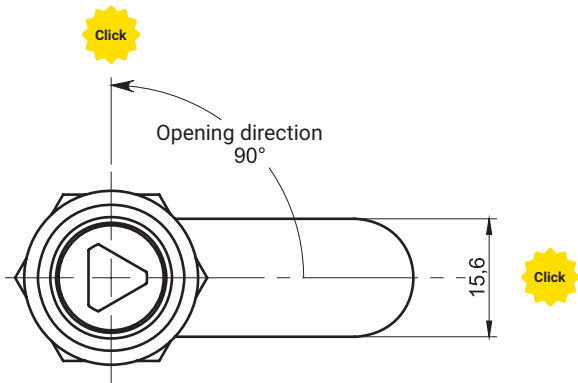
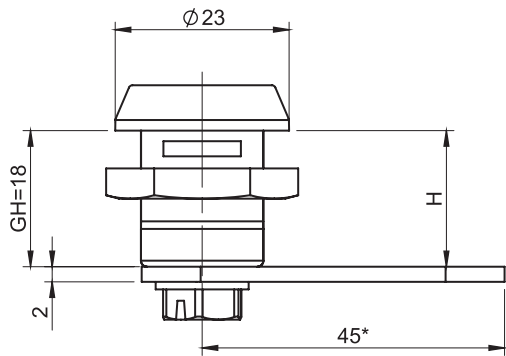
Height dimension of a CAM H for a body 13,5mm-mounting in hole Ø19x16,  
in case of mounting in hole Ø16x14 the height H decreases about 0,7mm.

Mounting options:

- Ø16x14

- Ø19x16

\* different dimensions available



Mounting hole

| CATALOGUE NUMBER | COMPONENTS      | MATERIAL          |
|------------------|-----------------|-------------------|
| M19-1            | Housing, Insert | ZAMAK             |
|                  | Cam             | Steel zinc plated |

| INSERT [X] |    | FINISH [C] |        |            |         |         |
|------------|----|------------|--------|------------|---------|---------|
|            |    | Chrome     | Nickel | Galvanized | RAL9005 | RAL7035 |
| KW8        | T8 | 01         | 02     | 03         | 04      | 05      |

How to order:

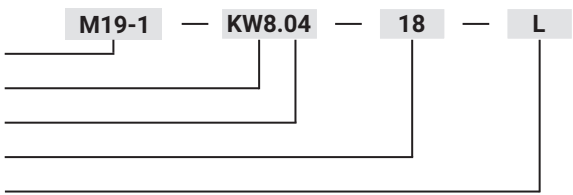
Catalogue number

Type of insert [X]

Finish [C]

Locking height, H=18, 20, 22

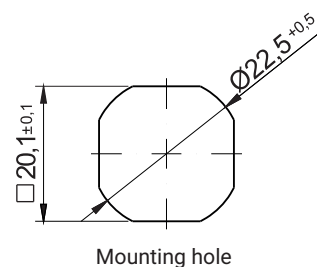
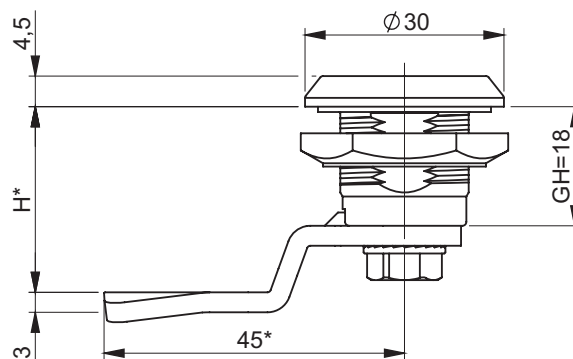
Version (P-right, L-left)



The drawing shows the left-hand version. The right-hand version is a mirror reflection.

\* possibility to order in another dimension

IP65



## FINISHING TYPE OF THE INSERT AND THE BODY [C]

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

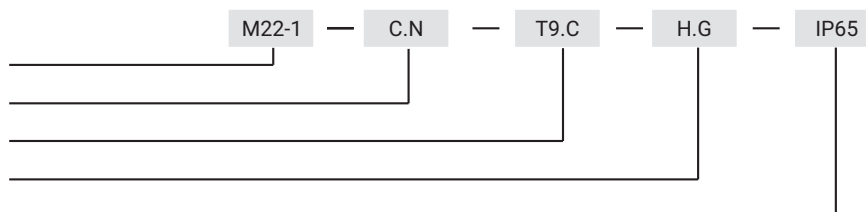
## THE TYPE OF THE NUT [N]

|                       | 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                                                                   |                                                                                      |                                                                                       |                                                                                       |
|------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|                                    |  |  |  |  |
|                                    | D3                                                                                  | D5                                                                                   | T9                                                                                    | KW 8                                                                                  |
| ZAMAK 5                            | ●                                                                                   | ●                                                                                    | ●                                                                                     | ●                                                                                     |

## How to order:

Type of lock  
Type of body  
Type of insert  
Type of cam  
Klasa IP65



where C,N, G stand for:

C - type of the material and finishing of the surface

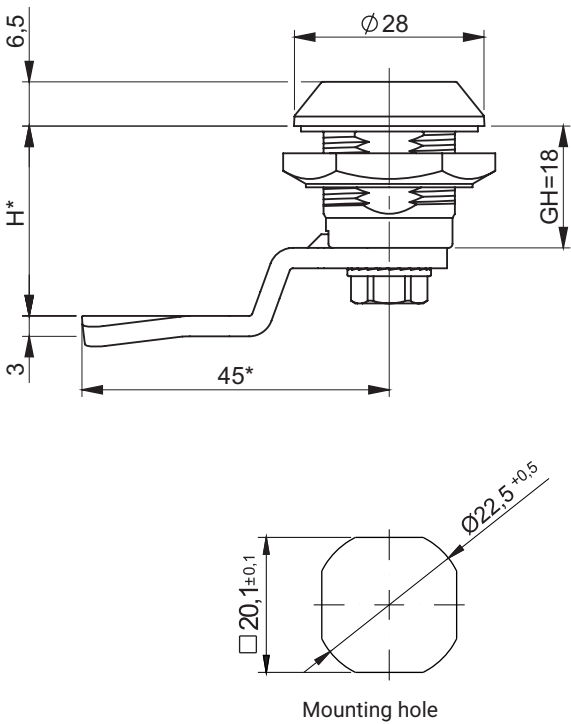
N - type of nut

H.G - the cam unbending dimension to be chosen from pages 1C-9 to 1C-22

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

IP65



| FINISHING TYPE OF THE INSERT AND THE BODY [C] |        |            |          |          |            |           |          |                 |     |
|-----------------------------------------------|--------|------------|----------|----------|------------|-----------|----------|-----------------|-----|
| ZAMAK 5                                       |        |            |          |          |            | Polyamide |          | Stainless steel |     |
| Chrome                                        | Nickel | Galvanized | RAL 9005 | RAL 7035 | No coating | RAL 9005  | RAL 7035 | 304             | 316 |
| 01                                            | 02     | 03         | 04       | 05       | 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 |   |   |   |   |   |   |   |   |   |   |
|------------------------------------|-------------------|---|---|---|---|---|---|---|---|---|---|
|                                    |                   |   |   |   |   |   |   |   |   |   |   |
| ZAMAK 5                            | ●                 | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |

How to order:

Type of lock

Type of body

Type of insert

Type of cam

IP65 class

M22-2

C.N

T9.C

H.G

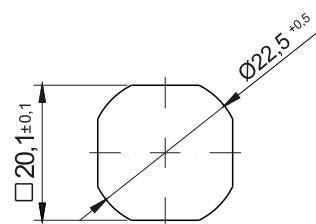
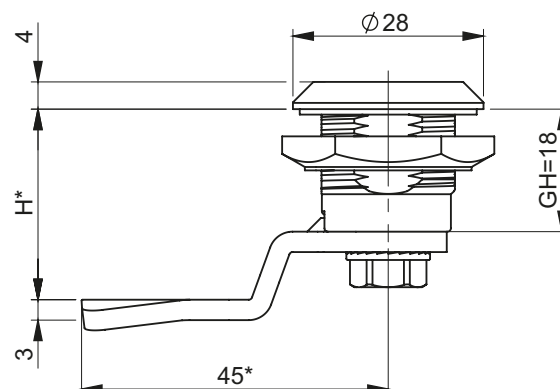
IP65

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-9to 1C-22

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

IP65

IP66\*\*



Mounting hole

## FINISHING TYPE OF THE INSERT AND THE BODY [C]

| ZAMAK 5 |        |            |          |          |         |            | Polyamide |          | Stainless steel |     |  |
|---------|--------|------------|----------|----------|---------|------------|-----------|----------|-----------------|-----|--|
| Chrome  | Nickel | Galvanized | RAL 9005 | RAL 7035 | CTL**** | 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<br>the material<br>of the insert |     | INSERTS AVAILABLE                                                                   |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                      |                                                                                       |                                                                                       |     |                                                                                       |                                                                                       |
|------------------------------------------|-----|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-----|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|                                          |     |  |  |  |  |  |  |  |  |  |     |  |  |
|                                          |     | D3                                                                                  | D5                                                                                  | T8                                                                                  | T9                                                                                  | KW 8                                                                                | S                                                                                   | HEX8                                                                                 | HEX10                                                                                 | M11                                                                                   | M12 | M2                                                                                    | M3                                                                                    |
| ZAMAK 5                                  |     | ●                                                                                   | ●                                                                                   | ●                                                                                   | ●                                                                                   | ●                                                                                   | ●                                                                                   | ●                                                                                    | ●                                                                                     | ***                                                                                   |     | ***                                                                                   | ***                                                                                   |
| Polyamide                                |     | ●                                                                                   | ●                                                                                   | -                                                                                   | ●                                                                                   | ●                                                                                   | ●                                                                                   | -                                                                                    | -                                                                                     |                                                                                       |     |                                                                                       |                                                                                       |
| Stainless<br>steel                       | 304 | ●                                                                                   | ●                                                                                   | ●                                                                                   | ●                                                                                   | ●                                                                                   | ●                                                                                   | -                                                                                    | -                                                                                     |                                                                                       |     |                                                                                       |                                                                                       |
|                                          | 316 | ●                                                                                   | ●                                                                                   | ●                                                                                   | ●                                                                                   | ●                                                                                   | ●                                                                                   | -                                                                                    | -                                                                                     |                                                                                       |     |                                                                                       |                                                                                       |

\* Possibility to order in another dimension

\*\* Lock for special request.

\*\*\* Precise description of inserts M1, M2, M3, check pg. 2A-10

\*\*\*\* applies only to the body

## How to order:

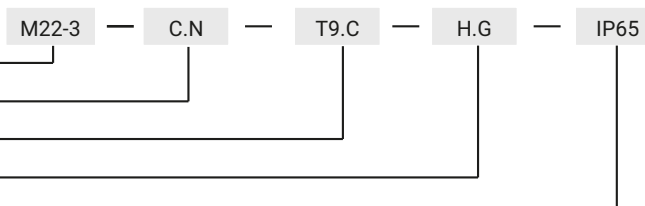
Type of lock

Type of body

Type of insert

Type of cam

IP65/IP66\*\* class



where C,N, G stand for:

C - type of the material and finishing of the surface

N - type of nut

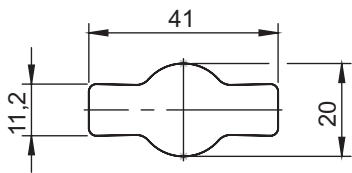
H.G - the cam unbending dimension to be chosen from pages 1C-9 to 1C-22

Notice:

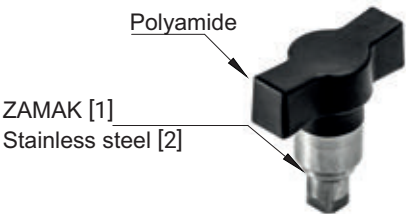
Lock M22-3 is compatible with all cams from range : 11, 12, 13, 14, 18, 31, 32, 33, 34, 38, JZ-002, JK-1610

Butterfly knobs for M22-3 lock

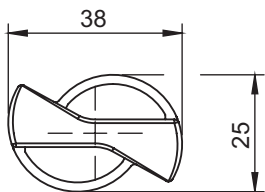
Type M11/M12



Type M11/M12



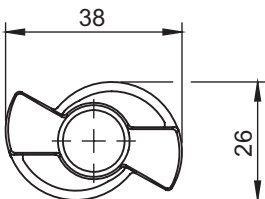
Type M2



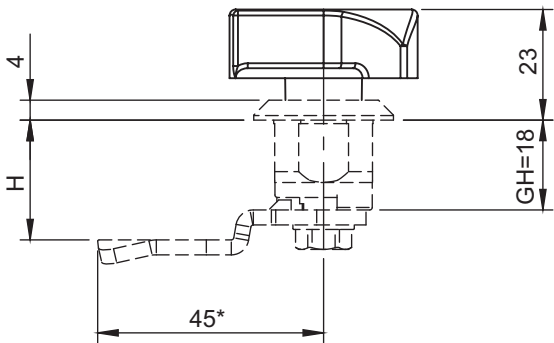
Type M2



Type M3



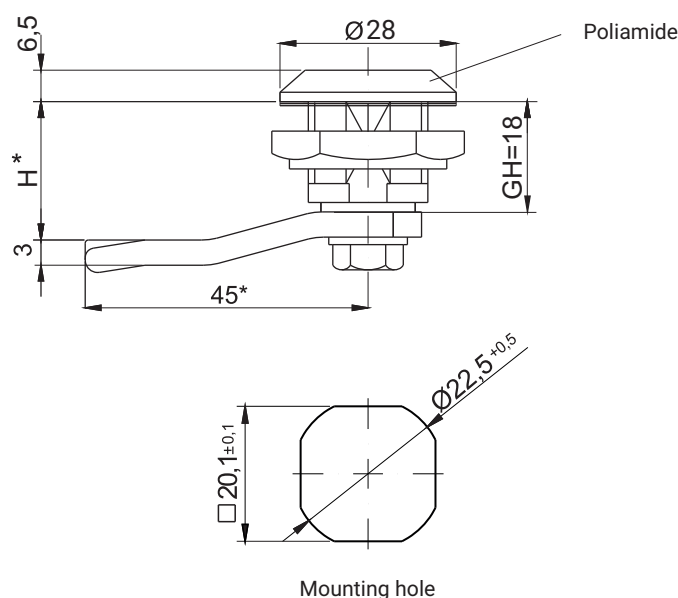
Type M3



M11, M12, M2 and M3 butterfly knobs are compatible with M22-3 lock - page 2A-9

| TYPE | Material        |           | Knob finish [D] |          |
|------|-----------------|-----------|-----------------|----------|
|      | Insert          | Knob      | RAL 9005        | RAL 7035 |
| M11  | ZAMAK           | Polyamide | 07              | 08       |
| M12  | Stainless steel | Polyamide |                 |          |
| M2   | Polyamide       | Polyamide |                 |          |
| M3   | ZAMAK           | Polyamide |                 |          |

IP65



Mounting hole

## TYPE OF MATERIAL AND PROTECTIVE COATING [C]

| INSERT  |        |            |          |          |            | HOUSING COLOR[K] |          |           |          |
|---------|--------|------------|----------|----------|------------|------------------|----------|-----------|----------|
| ZAMAK 5 |        |            |          |          |            | Polyamide        |          | Polyamide |          |
| Chrome  | Nickel | Galvanized | RAL 9005 | RAL 7035 | No coating | RAL 9005         | RAL 7035 | RAL 9005  | RAL 7035 |
| 1       | 2      | 3          | 4        | 5        | 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:

|                |        |     |      |     |      |
|----------------|--------|-----|------|-----|------|
| Type of lock   | M22-DU | K.N | T9.C | H.G | IP65 |
| Type of body   |        |     |      |     |      |
| Type of insert |        |     |      |     |      |
| Type of cam    |        |     |      |     |      |
| IP65 class     |        |     |      |     |      |

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-9 to 1C-22

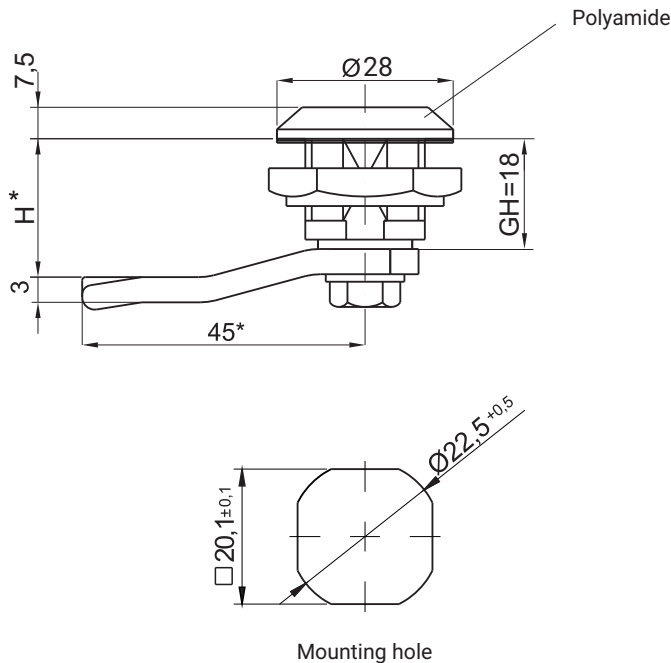
Notice:

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.

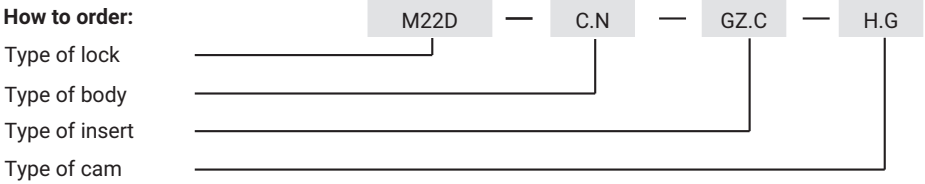




| TYPE OF LOCK | COMPONENTS      | MATERIAL          | FINISH [C] |          | INSERT                                                                                      |
|--------------|-----------------|-------------------|------------|----------|---------------------------------------------------------------------------------------------|
|              |                 |                   | RAL 9005   | RAL 7035 |                                                                                             |
| M22D         | Housing, Insert | Polyamide         | 07         | 08       | <br>GZ |
|              | Cam             | Steel zinc plated | -          | -        |                                                                                             |

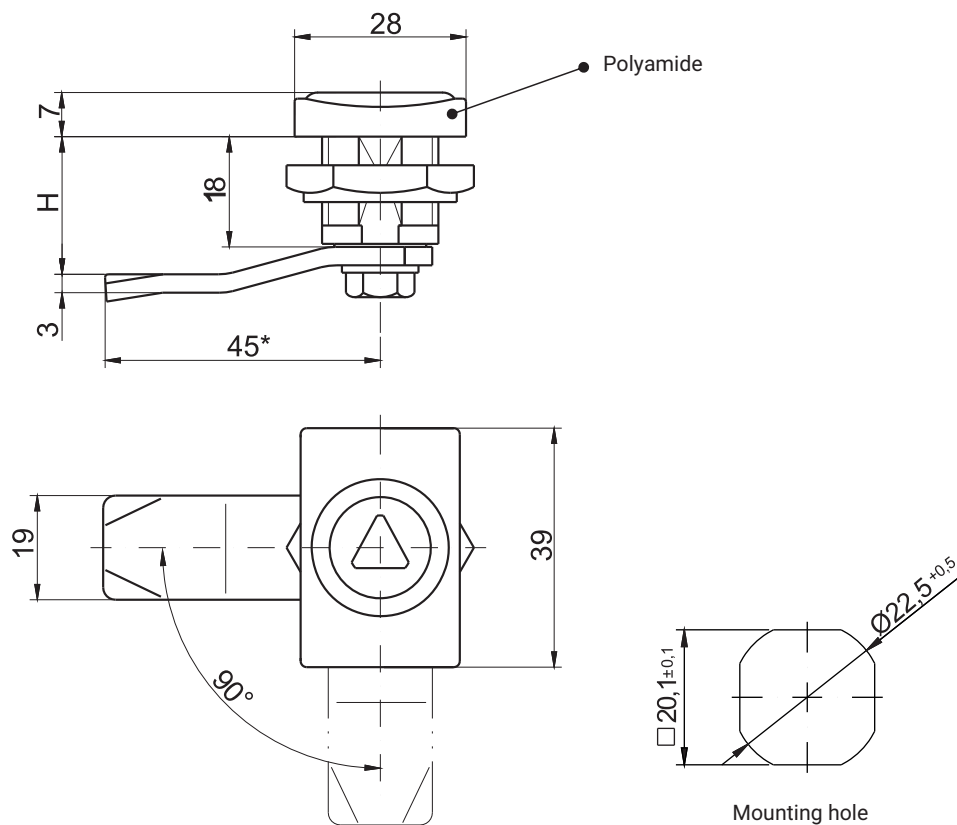
| The type of the nut [N] |         |           |       |                 |     |
|-------------------------|---------|-----------|-------|-----------------|-----|
|                         | ZAMAK 5 | Polyamide | Steel | Stainless steel |     |
|                         |         |           |       | 304             | 316 |
| Nut without grounding   | 11      | 12        | 13    | 14              | 15  |
| Nut with grounding      | 21      | -         | 23    | 24              | 25  |



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-9 to 1C-22

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.

IP65



## TYPE OF MATERIAL AND PROTECTIVE COATING [C]

| INSERT                  |        |            |          |           |            |           | HOUSING COLOR [K] |          |      |
|-------------------------|--------|------------|----------|-----------|------------|-----------|-------------------|----------|------|
| ZAMAK 5                 |        |            |          |           |            | Polyamide | Polyamide         |          |      |
| Chrome                  | Nickel | Galvanized | RAL 9005 | RAL 7035  | No coating | RAL 9005  | RAL 7035          | RAL 9005 | 7035 |
| 01                      | 02     | 03         | 04       | 05        | 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:

|                |      |   |     |   |      |   |     |
|----------------|------|---|-----|---|------|---|-----|
|                | M22P | — | K.N | — | T9.C | — | H.G |
| Type of lock   |      |   |     |   |      |   |     |
| Type of body   |      |   |     |   |      |   |     |
| Type of insert |      |   |     |   |      |   |     |
| Type of cam    |      |   |     |   |      |   |     |

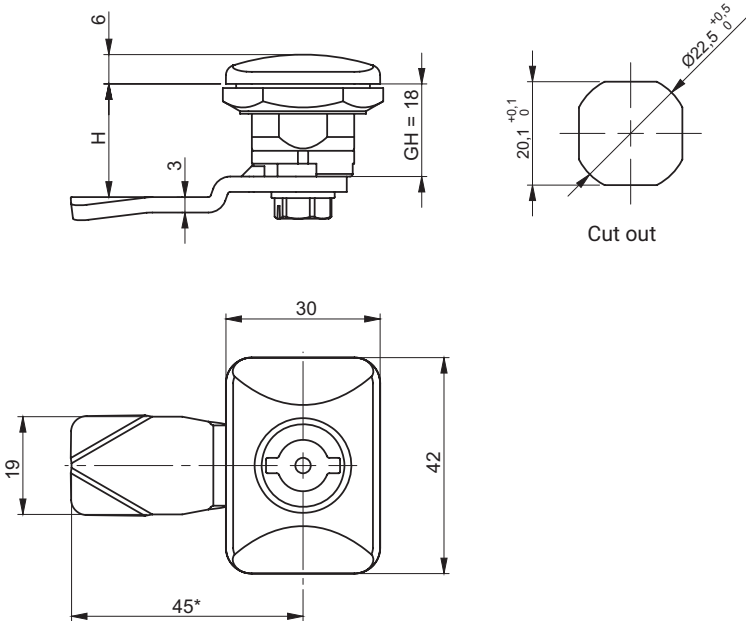
where: C - type of the material and finishing of the surface

N - type of nut

H.G - the cam unbending dimension to be chosen from pages 1C-9 to 1C-22

## Notice:

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



IP66



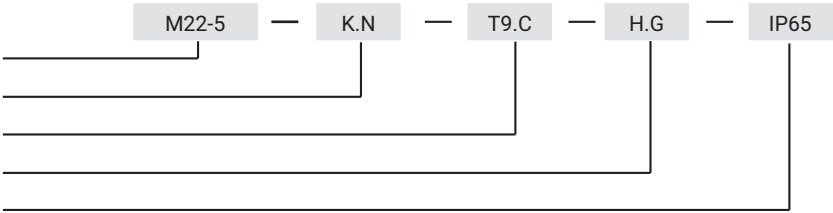
| TYPE OF MATERIAL AND PROTECTIVE COATING OF THE INSERT [C] |        |       |          |          |            |           |          |                 |     | HOUSING COLOR [K] |          |
|-----------------------------------------------------------|--------|-------|----------|----------|------------|-----------|----------|-----------------|-----|-------------------|----------|
| ZAMAK 5                                                   |        |       |          |          |            | Polyamide |          | Stainless steel |     | Polyamide         |          |
| Chrom                                                     | Nikiel | Ocynk | RAL 9005 | RAL 7035 | No coating | RAL 9005  | RAL 7035 | 304             | 316 | RAL 9005          | RAL 7035 |
| 01                                                        | 02     | 03    | 04       | 05       | 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 |   |   |   |   |   |   |   |
|------------------------------------|-----|-------------------|---|---|---|---|---|---|---|
|                                    |     |                   |   |   |   |   |   |   |   |
| ZAMAK 5                            |     | ●                 | ● | ● | - | ● | ● | ● | ● |
| Polyamide                          |     | ●                 | ● | - | ● | ● | ● | - | - |
| Stainless steel                    | 304 | ●                 | ● | ● | ● | ● | ● | - | - |
|                                    | 316 | ●                 | ● | ● | ● | ● | ● | - | - |

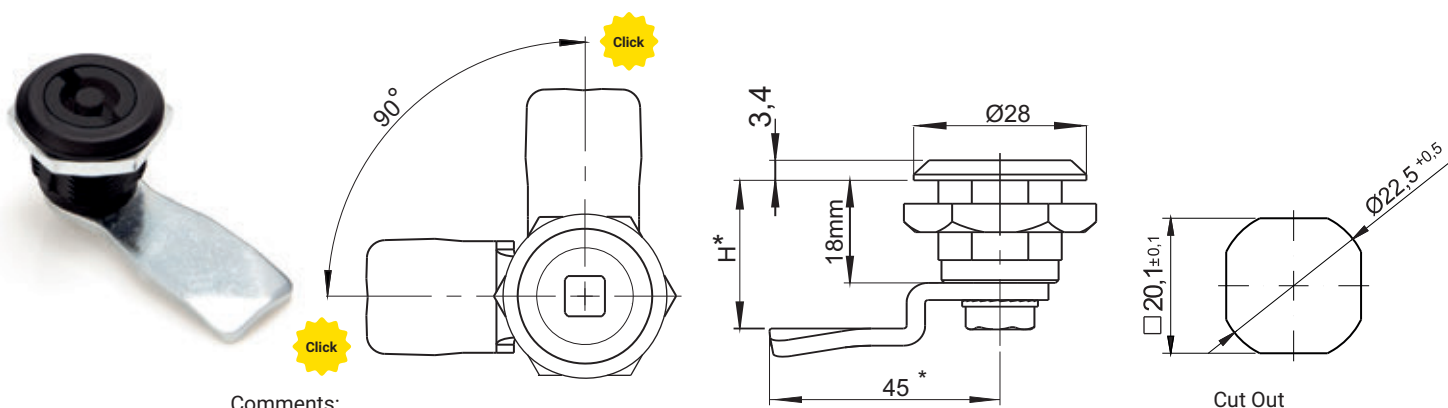
How to order:

Type of lock  
Type of body  
Type of insert  
Type of cam  
IP class



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-9 to 1C-22

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      |    |     |           | INSERT FINISH [C] |        |          |          | HOUSING FINISH [K] |          |
|-------------|----|-----|-----------|-------------------|--------|----------|----------|--------------------|----------|
|             |    |     |           | Chrome            | Nickel | RAL 9005 | RAL 7035 | RAL 9005           | RAL 7035 |
| D5          | T9 | KW8 | KW8 inner | 01                | 02     | 04       | 05       | 07                 | 08       |
| NAME        |    |     |           | COMPONENTS        |        |          |          | MATERIAL           |          |
| Lock M22GP4 |    |     |           | Housing           |        |          |          | Polyamide          |          |
|             |    |     |           | Insert            |        |          |          | ZAMAK5             |          |
|             |    |     |           | Cam               |        |          |          | Steel zinc plated  |          |

How to order :

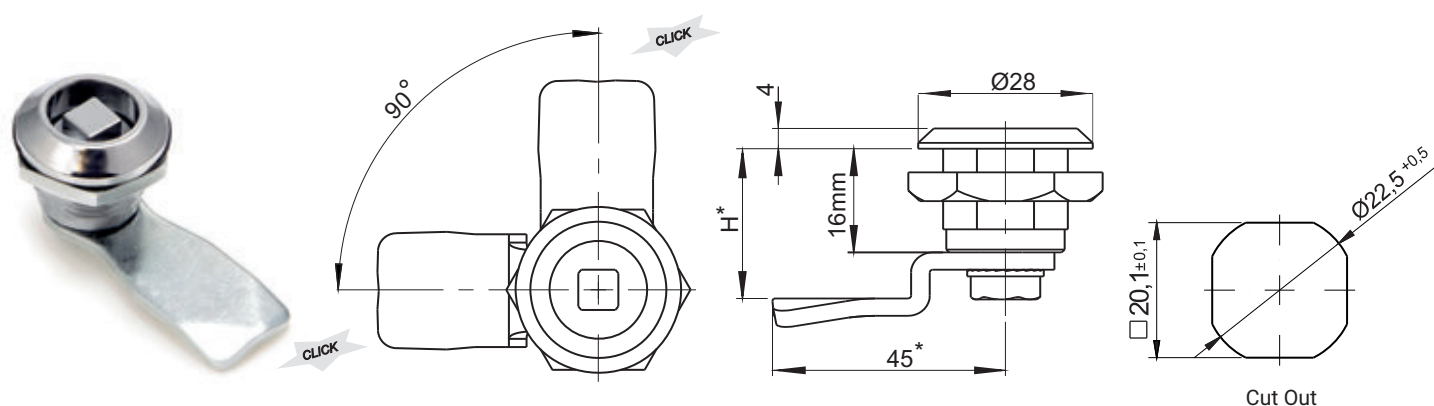
Type of lock

Type of housing

Type of insert

Type of cam

M22GP4 — K — T9.C — H.G



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

| INSERT      |    |     |           | FINISH [C]        |        |          |          |
|-------------|----|-----|-----------|-------------------|--------|----------|----------|
|             |    |     |           | Chrome            | Nickel | RAL 9005 | RAL 7035 |
| D5          | T9 | KW8 | KW8 inner | 01                | 02     | 04       | 05       |
| NAME        |    |     |           | COMPONENTS        |        |          |          |
| Lock M22GP5 |    |     |           | Housing, insert   |        |          |          |
|             |    |     |           | Cam               |        |          |          |
|             |    |     |           | ZAMAK5            |        |          |          |
|             |    |     |           | Steel zinc plated |        |          |          |

How to order :

Type of lock

Type of insert

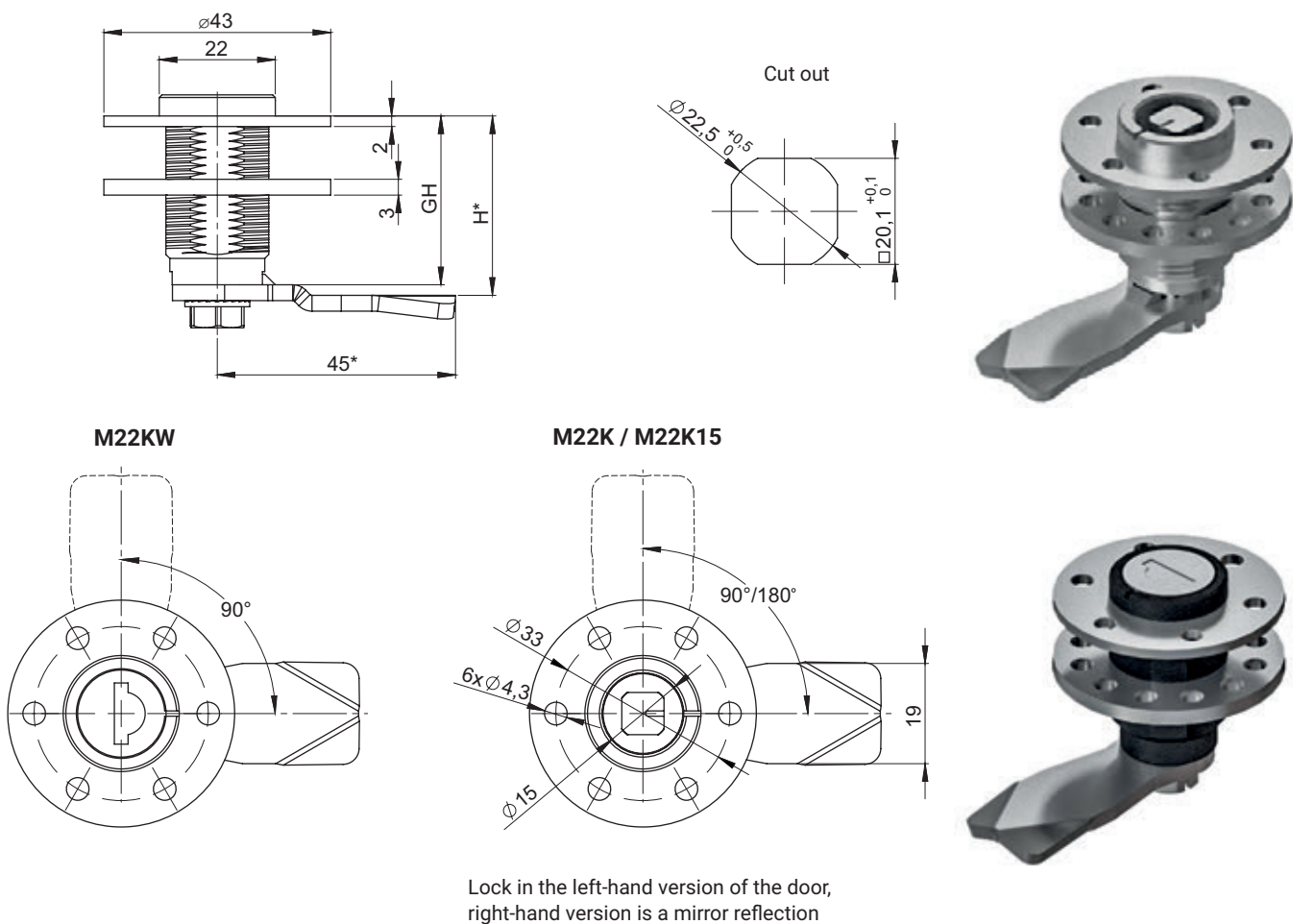
Height of cam H= 18, 21, 24 (1C-9 to 1C-22)

Finish

M22GP5 — T9 — 18 — C

\* possibility to make in another dimension

If you order a custom cam, please contact your dealer for further details.



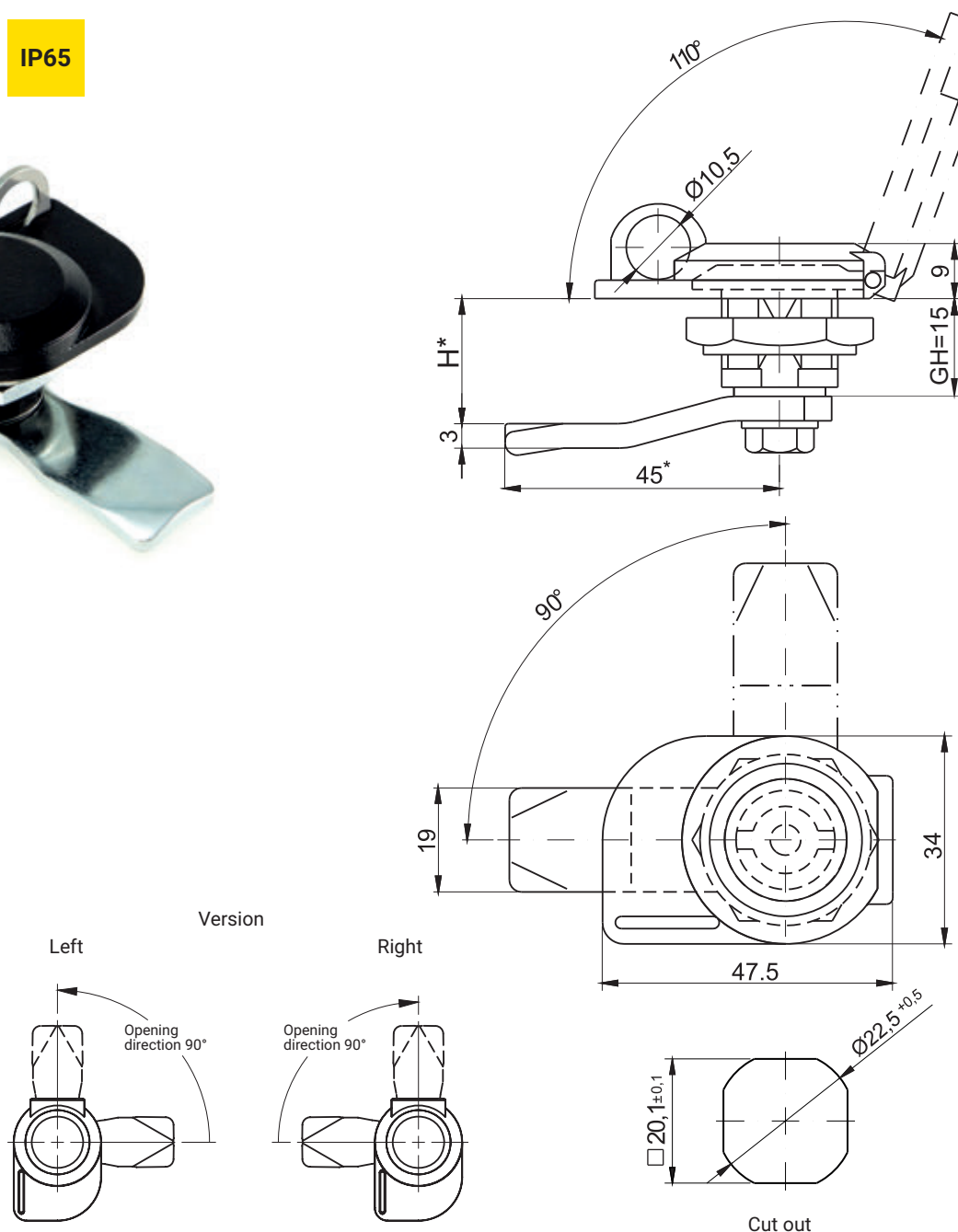
Lock in the left-hand version of the door, right-hand version is a mirror reflection

| 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, M22KW                                                                         |                                                                                     |                                                                                     | 32                                                                                  | Housing, Insert      |        | ZAMAK5            |
|                                                                                     |                                                                                     |                                                                                     |                                                                                     | Cam                  |        | Zinc plated steel |
| M22KSN                                                                              |                                                                                     |                                                                                     | 15                                                                                  | Housing, Insert, Cam |        | Stainless steel   |
| M22K15                                                                              |                                                                                     |                                                                                     |                                                                                     | Housing, Insert, Cam |        | Zinc plated steel |
| M22K15SN                                                                            |                                                                                     |                                                                                     |                                                                                     | Housing, Insert, Cam |        | Stainless steel   |

|                                              |      |    |      |    |    |   |
|----------------------------------------------|------|----|------|----|----|---|
| How to order :                               | M22K | T9 | H.G. | 02 | 90 | L |
| Type of lock                                 |      |    |      |    |    |   |
| The type of insert (M22K) / key code (M22KW) |      |    |      |    |    |   |
| The height of cam H                          |      |    |      |    |    |   |
| Finish [C]                                   |      |    |      |    |    |   |
| Opening angle (90°, 180°)                    |      |    |      |    |    |   |
| Type of lock (L-Left, R-Right)               |      |    |      |    |    |   |

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-10, 1C-11, 1C-15, 1C-17, 1C-18).  
\* Possibility to order in a different dimension

IP65



| 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 :

Type of lock

Type of insert

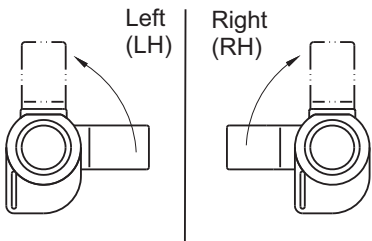
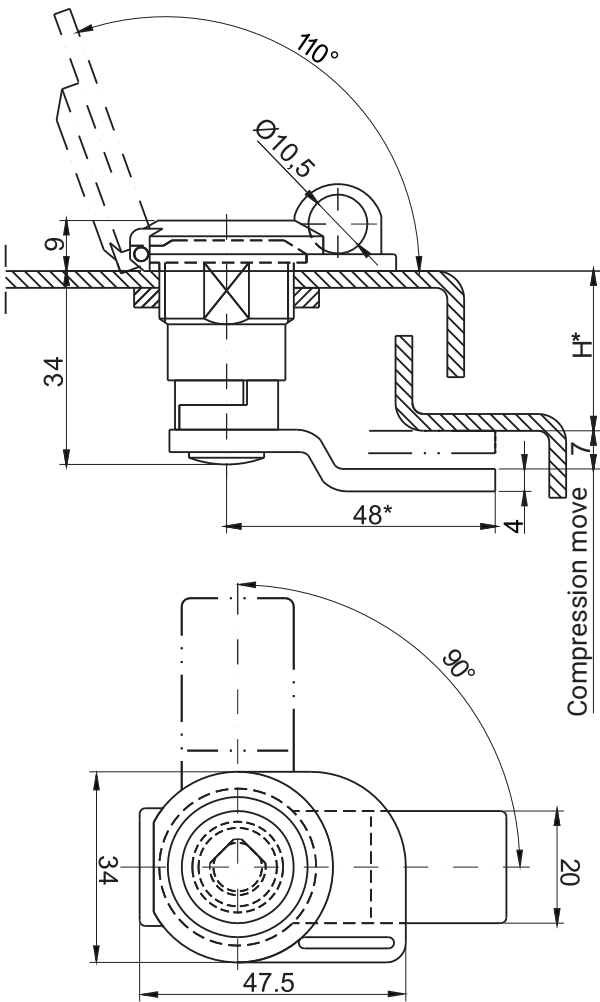
Height of cam H =15, 18, 21, 26

Finish

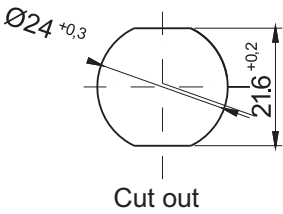
Type of lock (RH - Right, LH-Left)

\* possibility to make in another dimension

M22/B — T9 — 15 — C — L



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 \_\_\_\_\_

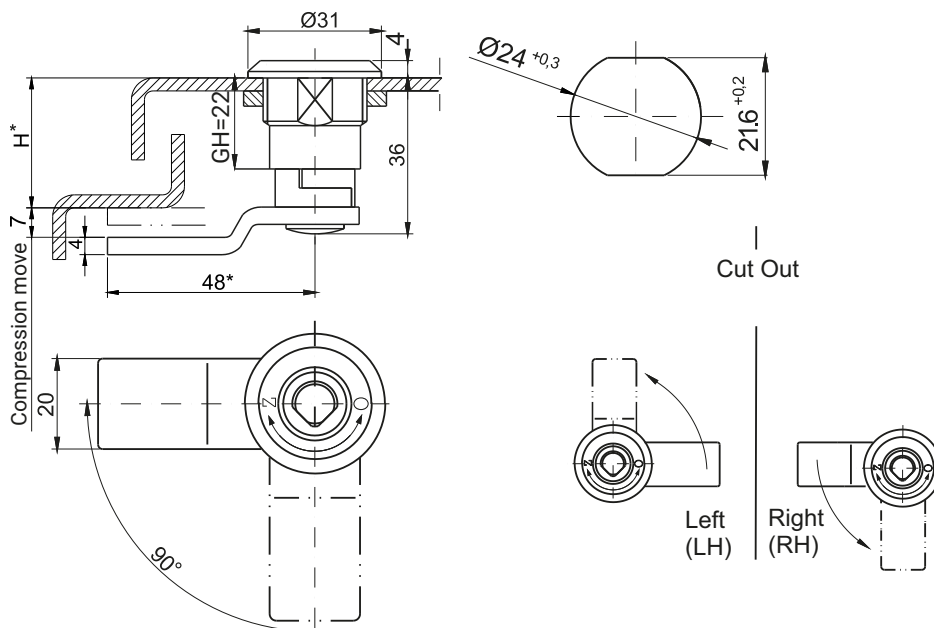
Height of cam H =20, 23, 26 \_\_\_\_\_

Finish \_\_\_\_\_

Type of lock (RH - Right, LH-Left) \_\_\_\_\_

\* possibility to make in another dimension



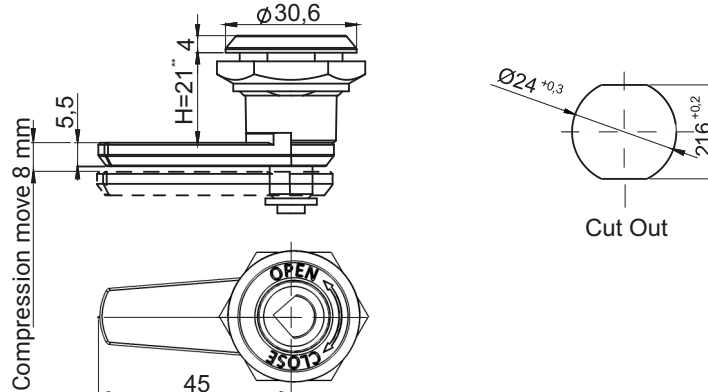


Lock on the drawing in the left door version  
The possibility adapting  
the lock to the door right ( Pic.1).

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   |   |   |    |    |    |            |          |          |

IP65



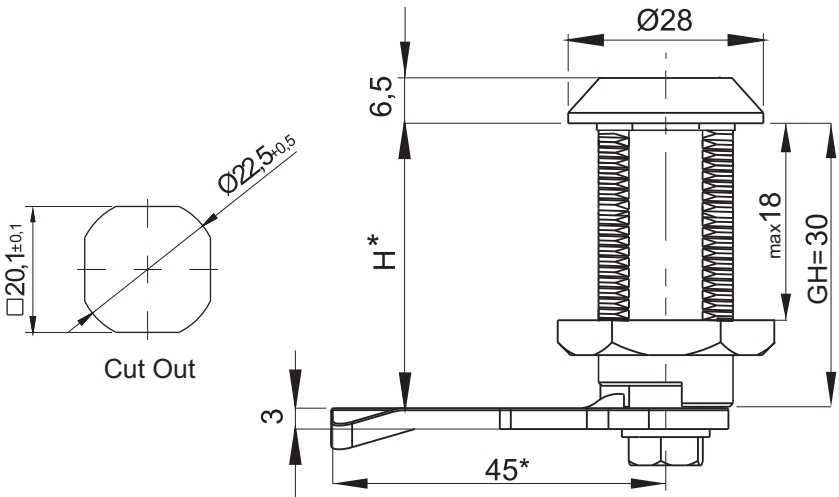
| Insert                                                                              |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     | 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 :

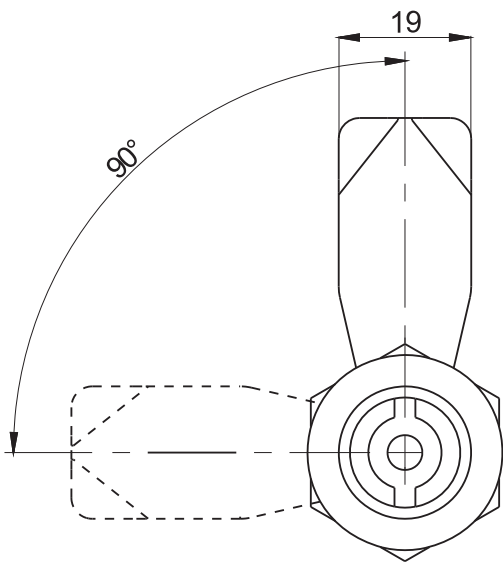
Type of lock \_\_\_\_\_ M24 — T9 — 21 — C  
 Type of insert \_\_\_\_\_  
 Height of cam H =22, 25, 28, 31 \_\_\_\_\_  
 Finish \_\_\_\_\_

\* 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-107, 108, 109)

| 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 :

Type of lock

Housing finish

Type of insert

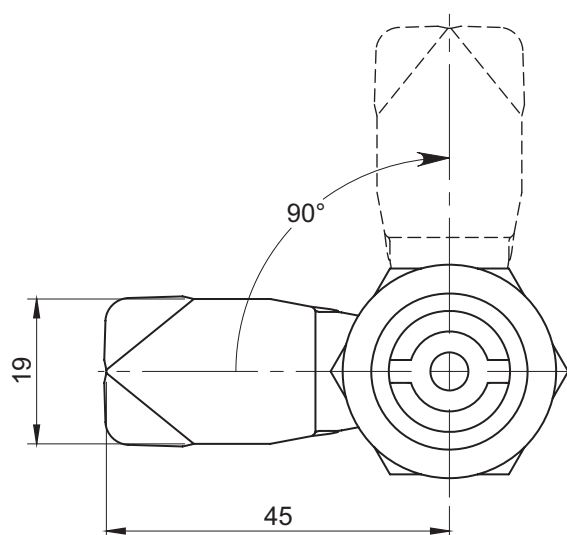
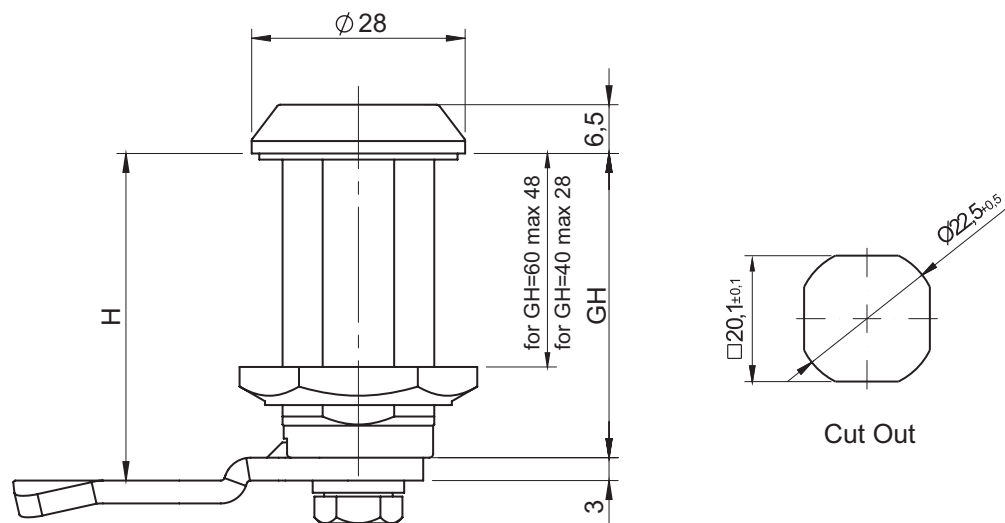
Insert finish

Height of cam H ( 1C-9 - 1C-22)

M22-30.01 — C — T9 — C — H.G

\* 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-107 do 2A-109)

| Insert       |    |              |      |                 |   |                   | Finish [C] |        |          |          |
|--------------|----|--------------|------|-----------------|---|-------------------|------------|--------|----------|----------|
|              |    |              |      |                 |   |                   | Chrome     | Nickel | RAL 9005 | RAL 7035 |
| D3           | D5 | T9           | KW 8 | S               | N | C9                | 01         | 02     | 04       | 05       |
| TYPE OF LOCK |    | DIMENSION GH |      | COMPONENTS      |   | MATERIAL          |            |        |          |          |
| M22-40       |    | 40           |      | Housing, insert |   | ZAMAK5            |            |        |          |          |
|              |    |              |      | Cam             |   | Steel zinc plated |            |        |          |          |
| M22-60       |    | 60           |      | Housing, insert |   | ZAMAK5            |            |        |          |          |
|              |    |              |      | Cam             |   | Steel zinc plated |            |        |          |          |

#### How to order:

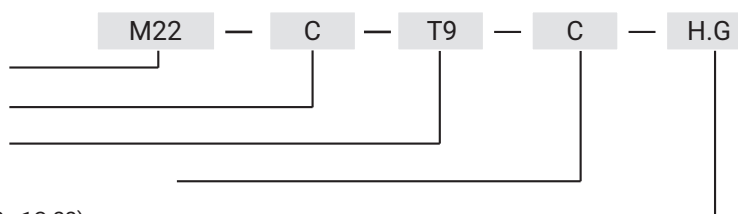
Type of lock

Housing finish

Type of insert

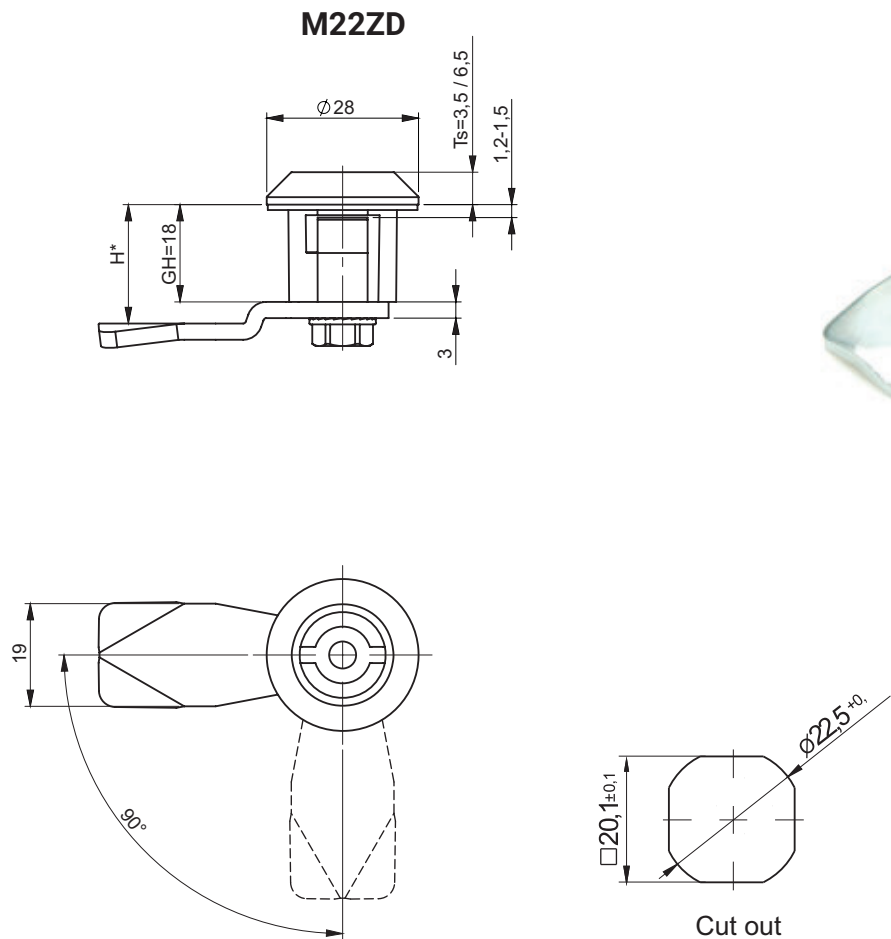
Insert finish

Height of cam H (page 1C-9 - 1C-22)



\* 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-9 - 1C-22)



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  |    |    |      |   |   |    | 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-9 - 1C-22) \_\_\_\_\_

The opening angle of (90°, 180°) \_\_\_\_\_

Insert finish \_\_\_\_\_

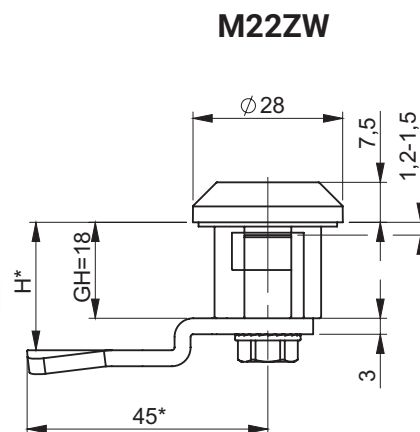
Housing finish \_\_\_\_\_

\* possibility to make in another dimension  
H.G - the cam unbending dimension (H-locking height, G-group)  
to be chosen from pages 1C-9 to 1C-22

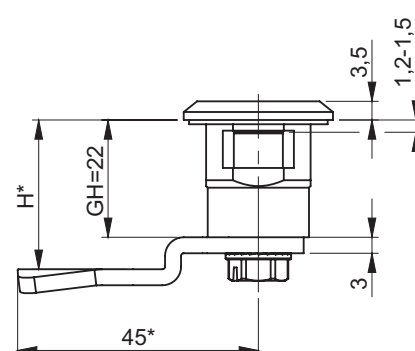
The lock is fitted with cams from the group: 11, 12, 13, 14, 18, 31, 32, 33, 34, 38, JZ-002, JK-1610.01



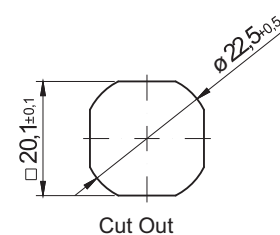
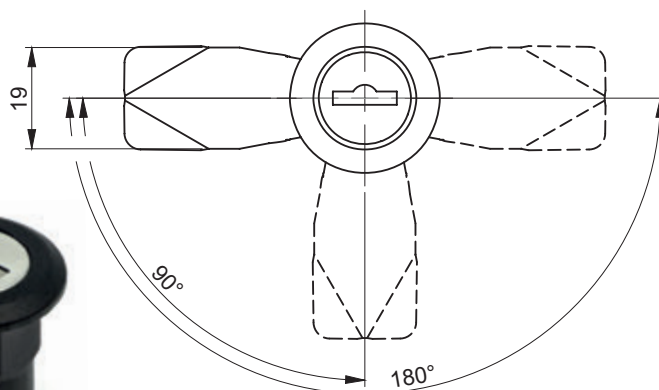
M22ZW



M22ZW22



M22ZW22



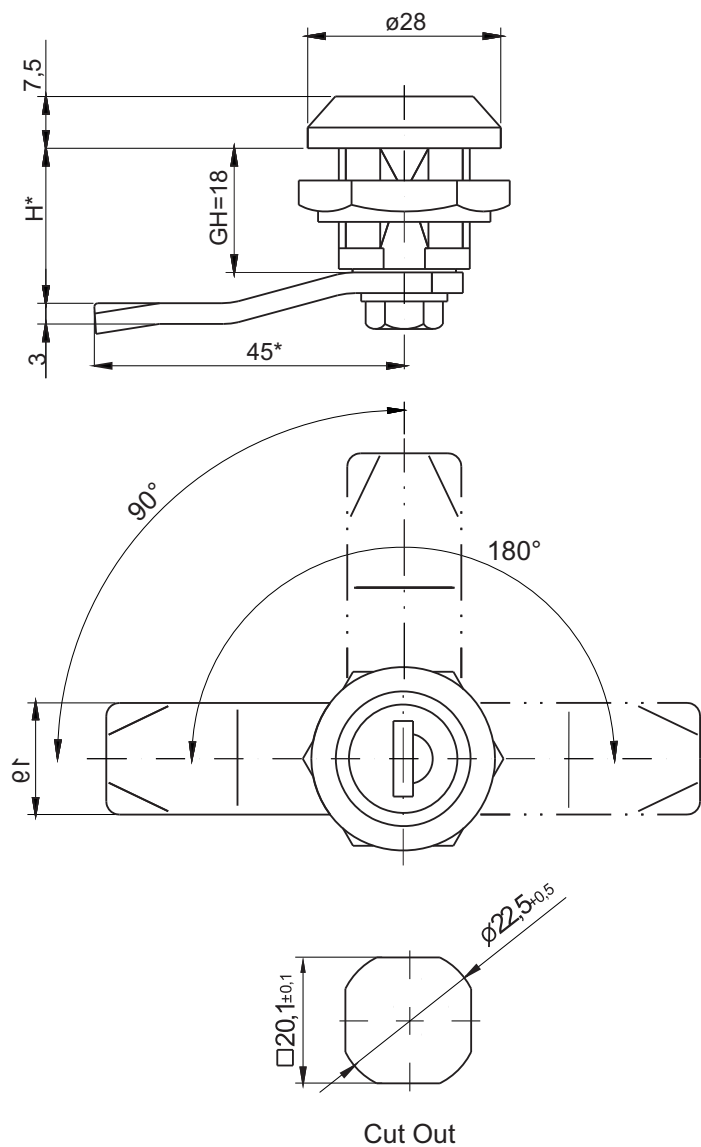
| Key code     |      |            |       |       |    | Finish [C]        |          |
|--------------|------|------------|-------|-------|----|-------------------|----------|
| 1333         | 405E | 455E       | 1242E | 2432E | RK | RAL 9005          | RAL 7035 |
|              |      |          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

**How to order :**

|                                     |       |   |      |   |     |   |    |   |   |
|-------------------------------------|-------|---|------|---|-----|---|----|---|---|
|                                     | M22ZW | — | 1333 | — | H.G | — | 90 | — | C |
| Type of lock                        |       |   |      |   |     |   |    |   |   |
| Key code                            |       |   |      |   |     |   |    |   |   |
| Height of cam H (page 1C-9 - 1C-22) |       |   |      |   |     |   |    |   |   |
| The opening angle of (90°, 180°)    |       |   |      |   |     |   |    |   |   |
| Finish                              |       |   |      |   |     |   |    |   |   |

\* 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-9 - 1C-22)



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

How to order :

M22W — 1333 — H.G — 90 — C

Type of lock \_\_\_\_\_

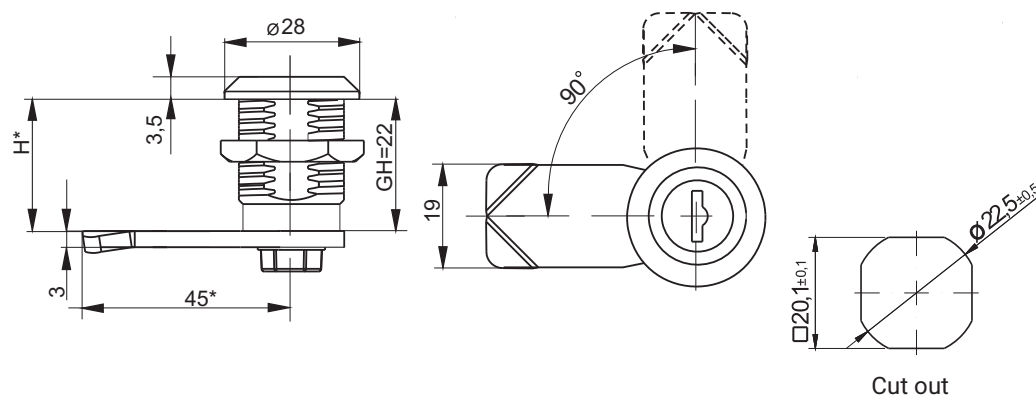
Key code \_\_\_\_\_

Height of cam H (page 1C-9 - 1C-22) \_\_\_\_\_

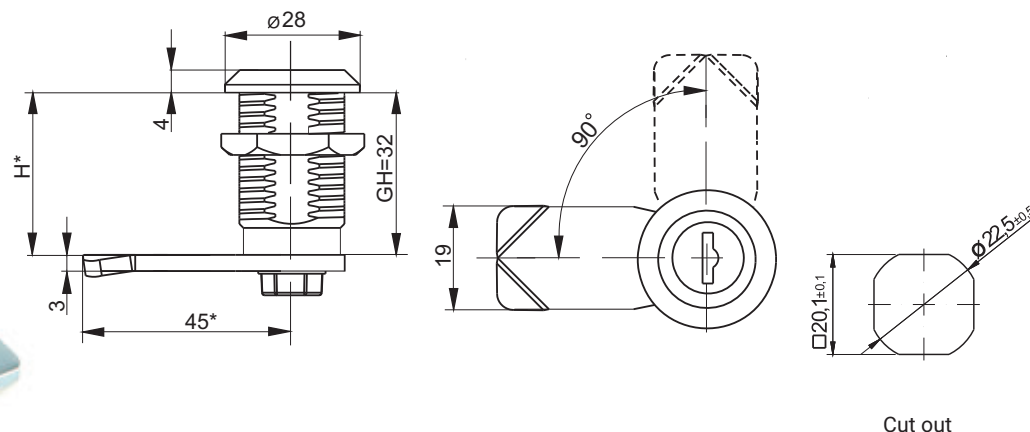
The opening angle of (90°, 180°) \_\_\_\_\_

Finish \_\_\_\_\_

\* 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-9 - 1C-22)



| 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 |          |



| 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 :

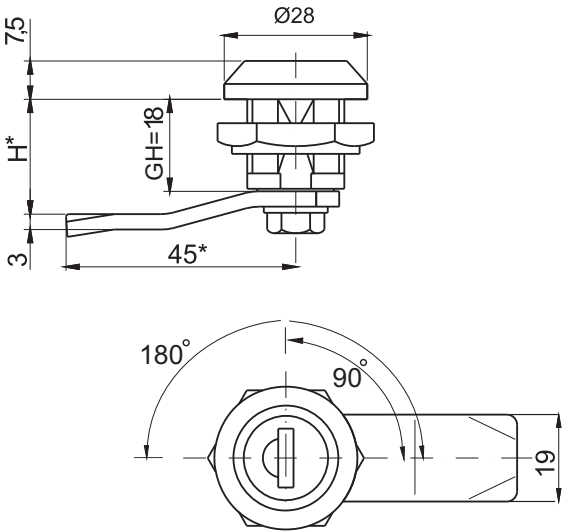
|                 |        |      |     |   |
|-----------------|--------|------|-----|---|
| Type of lock    | M22W32 | 1333 | H.G | C |
| Key code        |        |      |     |   |
| Height of cam H |        |      |     |   |
| Finish          |        |      |     |   |

\* possibility to make in another dimension

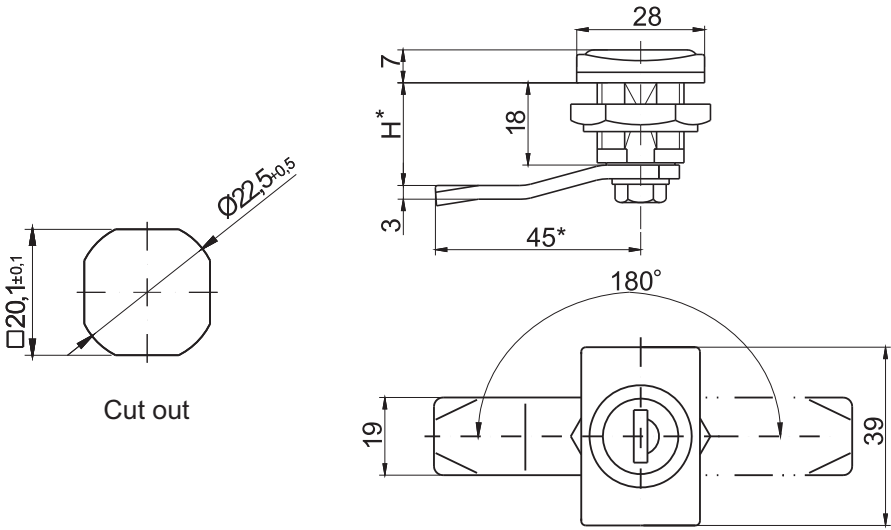
H.G - the cam unbending dimension (H-locking height, G-group)

The lock is fitted with cams from the group: 15, 16, 17, 19, 21, 35, 36, JZ-001, JK-10018 (page 1C-9 - 1C-22)





| 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 |    |          |    |

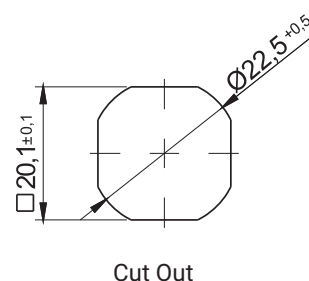
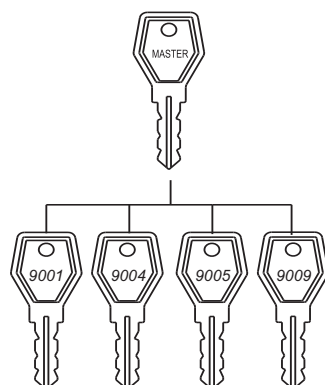
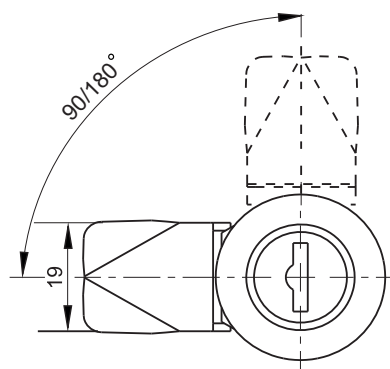
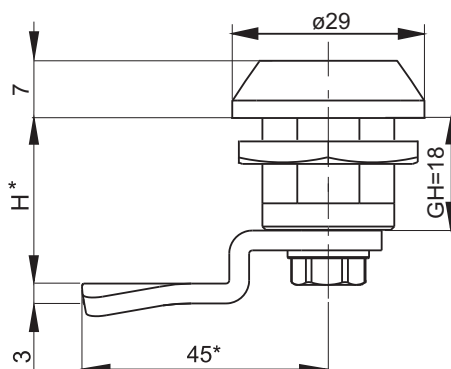


| Key code     |      |            |       |       |    | Finish [C]        |    |          |    |
|--------------|------|------------|-------|-------|----|-------------------|----|----------|----|
| 1333         | 405E | 455E       | 1242E | 2432E | RK | RAL 9005          | 07 | RAL 7035 | 08 |
| TYPE 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-9 - 1C-22) |       |   |      |   |     |   |    |   |   |
| 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-9 - 1C-22)

LH/RH



Cut Out

| 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 :

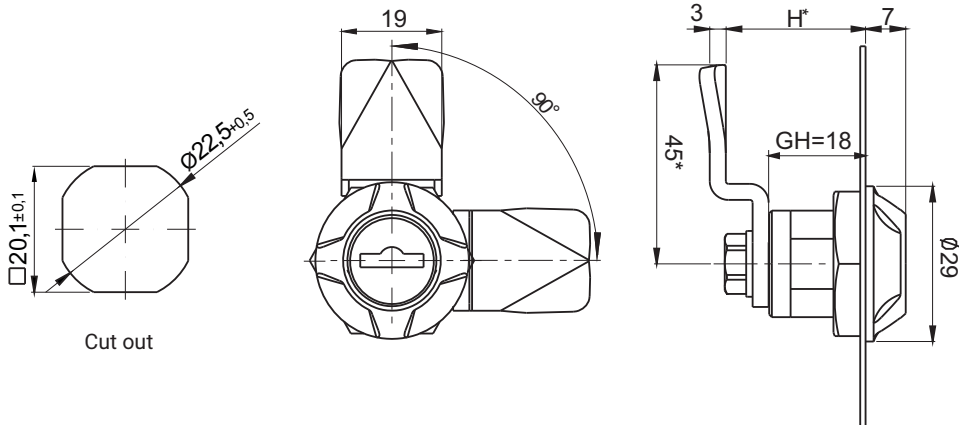
|                                  |       |   |      |   |     |   |    |   |   |
|----------------------------------|-------|---|------|---|-----|---|----|---|---|
| Type of lock                     | M22MS | — | 9006 | — | H.G | — | 90 | — | C |
| Key code                         |       |   |      |   |     |   |    |   |   |
| Height cam H (page 1C-9 - 1C-22) |       |   |      |   |     |   |    |   |   |
| Angle of rotation (90°, 180°)    |       |   |      |   |     |   |    |   |   |
| Finish                           |       |   |      |   |     |   |    |   |   |

\* possibility to make in another dimension

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

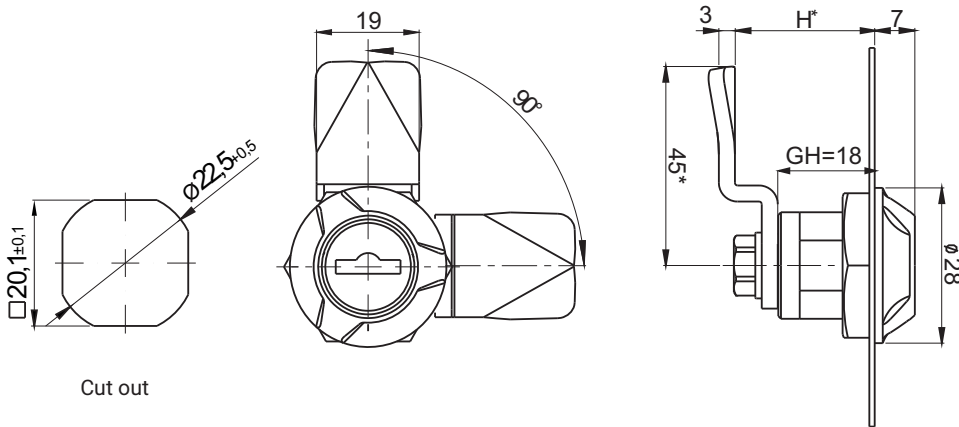
The lock is fitted with cams from the group: 15, 16, 17, 19, 21, 35, 36, JZ-001, JK-10018 (page 1C-9 - 1C-22)

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 : M22FW — 1333 — H.G — C

Type of lock

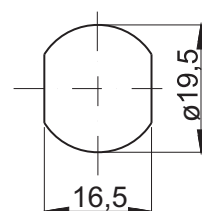
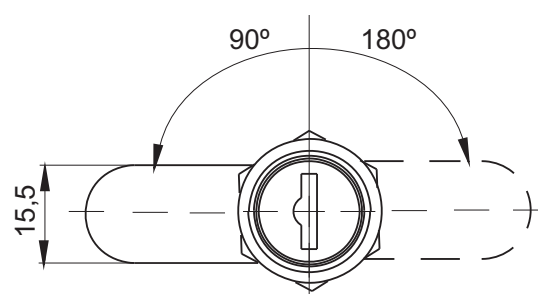
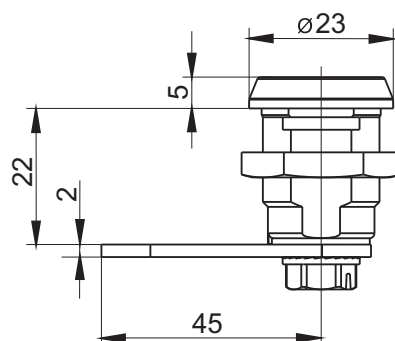
Key code

Height cam H (page 1C-9 - 1C-22)

Finish

\* 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-9 - 1C-22)



Cut out

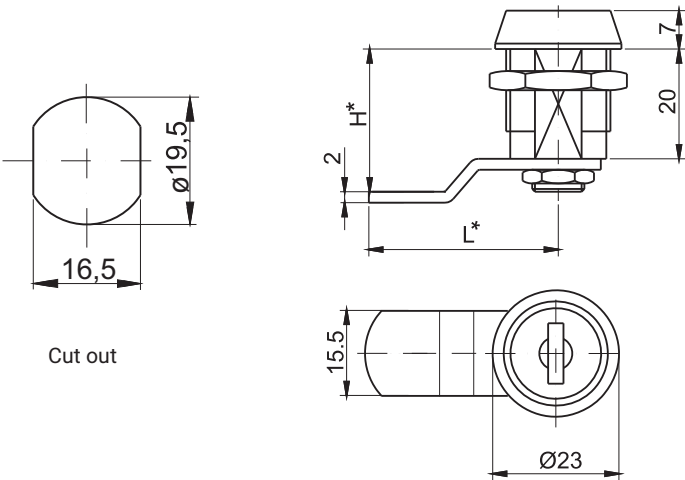
| Key code  |      |            |       |       |                   | Finish [C] |        |       |         |         |
|-----------|------|------------|-------|-------|-------------------|------------|--------|-------|---------|---------|
|           |      |            |       |       |                   | 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 :

|                                  |      |   |      |   |    |   |    |   |   |
|----------------------------------|------|---|------|---|----|---|----|---|---|
| Type of lock                     | M19W | — | 1333 | — | 22 | — | 90 | — | C |
| Key code                         |      |   |      |   |    |   |    |   |   |
| Height of cam H = 22, 24, 26     |      |   |      |   |    |   |    |   |   |
| The opening angle of (90°, 180°) |      |   |      |   |    |   |    |   |   |
| Finish                           |      |   |      |   |    |   |    |   |   |

\* 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 :**

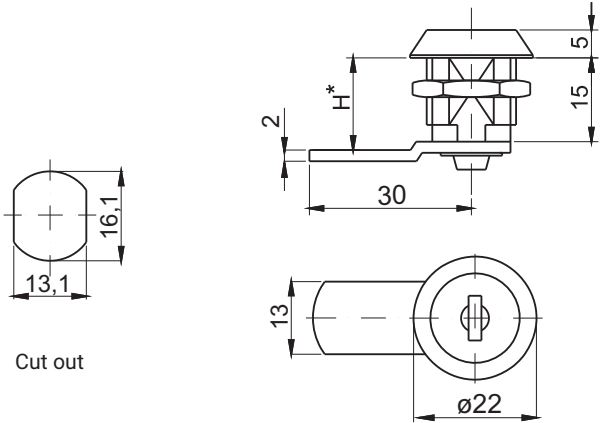
Z-2106 — RK — 20 — C

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

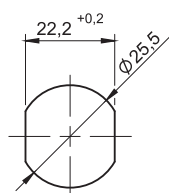
Type of lock \_\_\_\_\_

Key code \_\_\_\_\_

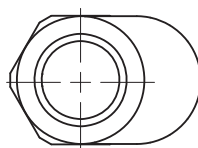
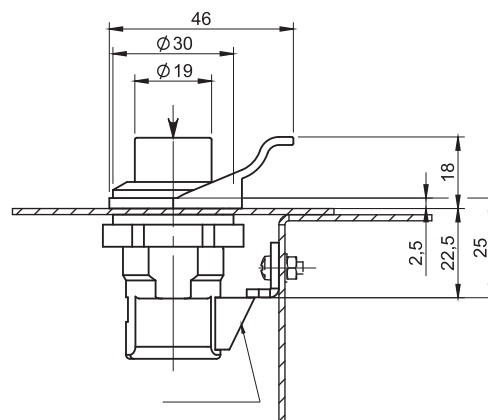
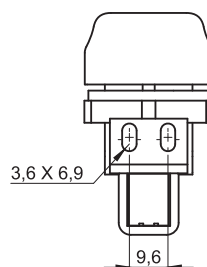
Height cam H = 15, 17 \_\_\_\_\_

Finish \_\_\_\_\_

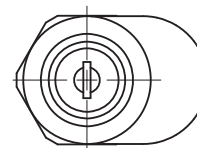
\* possibility to make in another dimension



Cut out

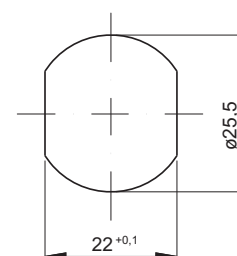
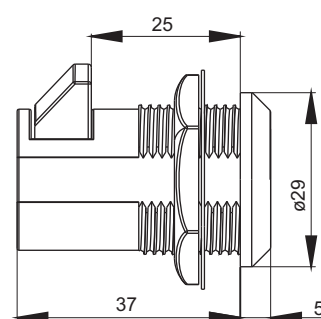
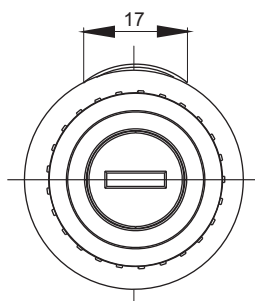


2.529.002



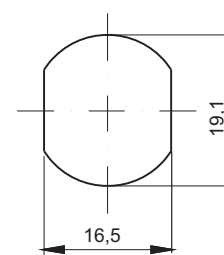
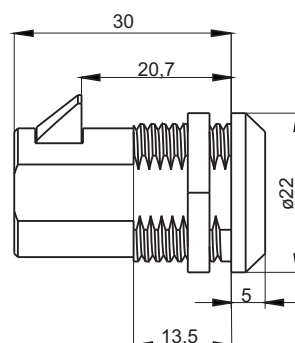
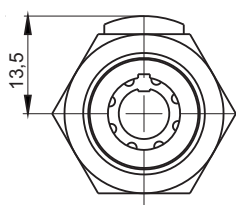
2.529.001

| TYPE OF LOCK | VERSION     | MATERIAL | FINISH [C] |
|--------------|-------------|----------|------------|
| 2.529.001    | With key    | ABS      | RAL 9005   |
| 2.529.002    | Without key |          | 07         |



Cut out

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



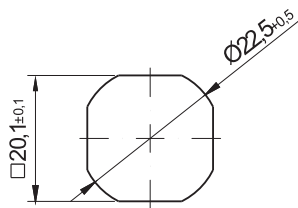
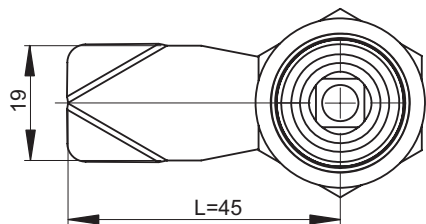
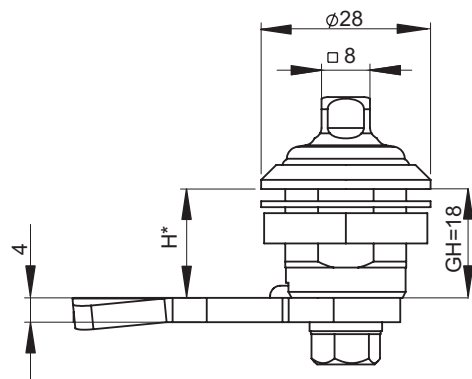
Cut out

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

stainless  
steel

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 |

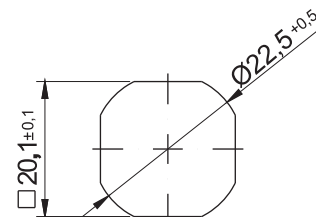
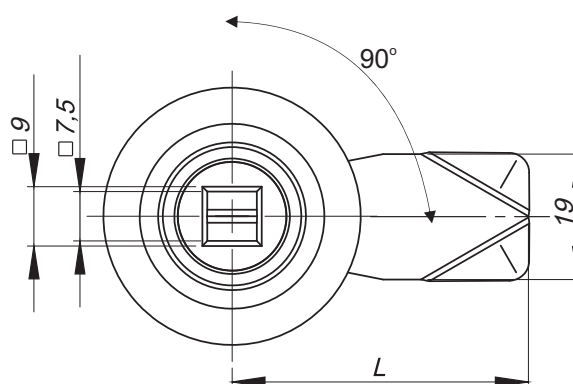
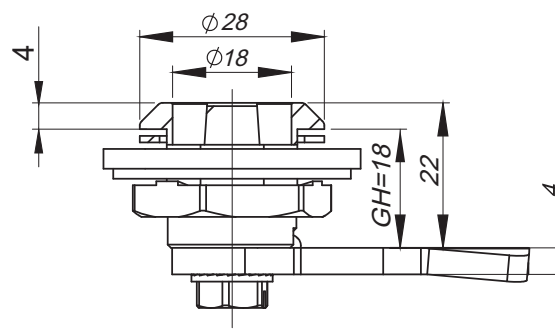
|                                  |       |   |      |   |    |
|----------------------------------|-------|---|------|---|----|
| How to order :                   | M22IP | — | KW 8 | — | 18 |
| Type of lock                     |       |   |      |   |    |
| Type of insert                   |       |   |      |   |    |
| Height cam H (page 1C-9 - 1C-22) |       |   |      |   |    |

\* possibility to make in another dimension



stainless  
steel

IP65



Cut out

The lock in accordance with 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



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

## How to order:

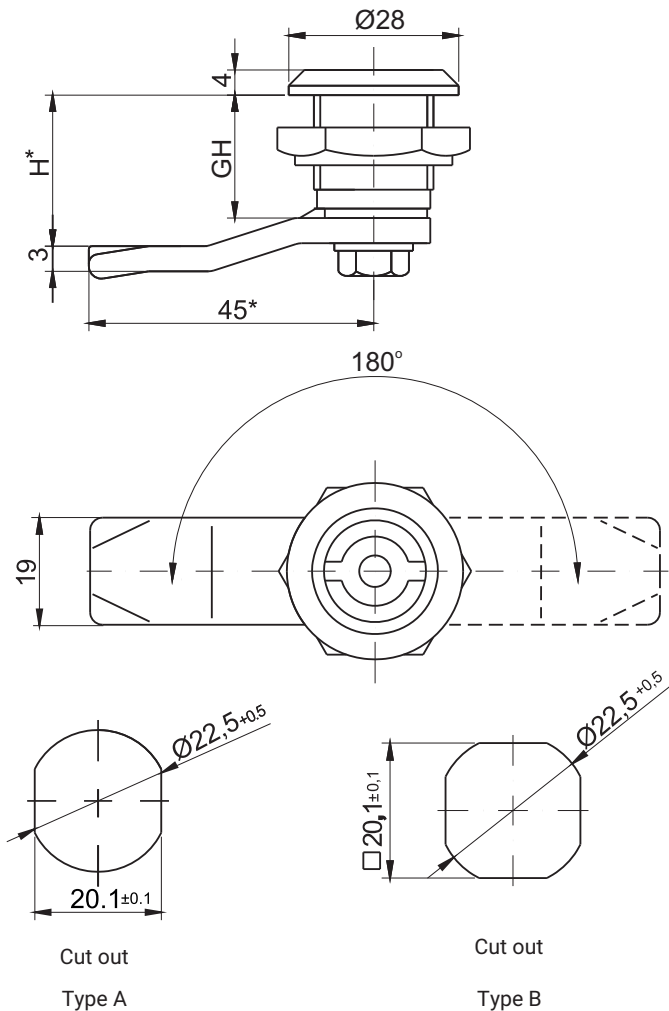
Type of lock:                      M22TR — KW8 — H.G — P  
 Type of insert:                       
 Height cam H (page 1C-9 - 1C-22):                       
 Version (L- left, P-right):                     

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-9 to 1C-22 from the catalogue.

Lock ZZR18, ZZR19,  
ZZR28, ZZR38, ZZR50



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          |
| <b>ZZR18, ZZR19,<br/>ZZR28, ZZR38, ZZR50</b>           |    |    |    |      | Housing, insert |   |    |        | Steel             |
|                                                        |    |    |    |      | Cam             |   |    |        | Steel zinc plated |
| <b>ZZR18SN, ZZR19SN,<br/>ZZR28SN, ZZR38SN, ZZR50SN</b> |    |    |    |      | Housing, insert |   |    |        | Stainless steel   |
|                                                        |    |    |    |      | Cam             |   |    |        | Stainless steel   |

How to order :      ZZR18 — T9 — 18 — C  
Type of lock      \_\_\_\_\_  
Type of insert      \_\_\_\_\_  
Height cam H (page 1C-9 - 1C-22)      \_\_\_\_\_  
Finish      \_\_\_\_\_

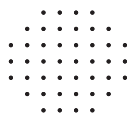
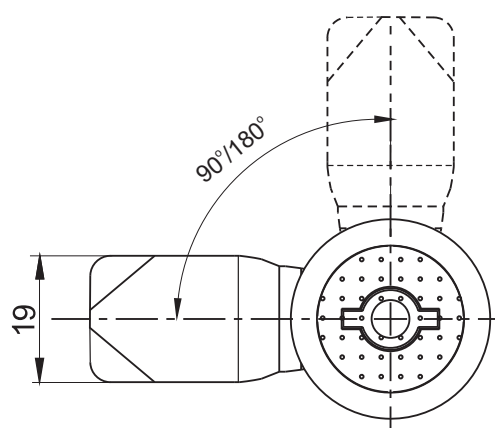
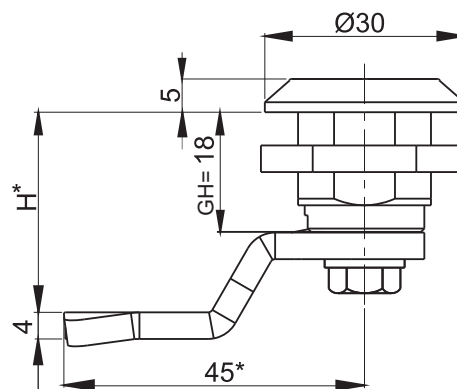
\* possibility to make in another dimension  
\*\*possibility of making lock grade stainless steel. 316

The lock is fitted with cams from the group: 11, 12, 13, 14, 18, 31, 33, 38, JK-1610.01 (page 1C-9 - 1C-22)

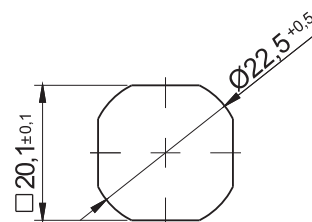
stainless  
steel

IP65

LH/RH



Means closed surface



Cut out

| TYPE OF LOCK | COMPONENTS      | MATERIAL        | Insert |    |      |
|--------------|-----------------|-----------------|--------|----|------|
| ZZR18.010    | Housing, insert | Stainless steel |        |    |      |
|              | Cam             |                 | D5     | T8 | KW 8 |

How to order :

ZZR18.010 — KW 8 — H.G

Type of lock

Type of insert

Height cam H (page 1C-9 - 1C-22)

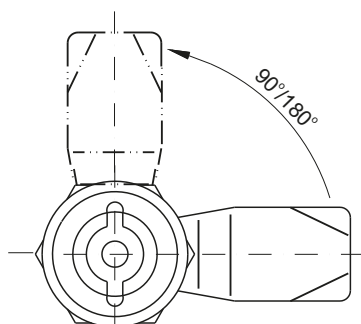
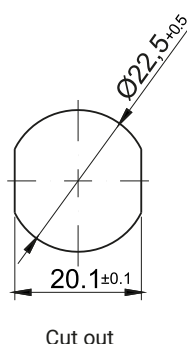
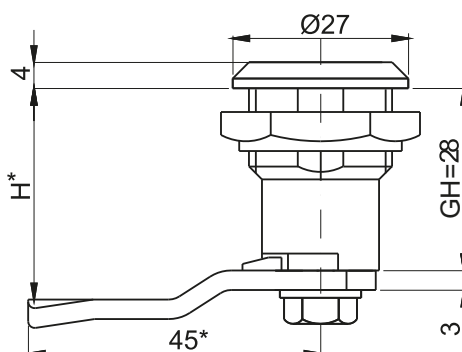
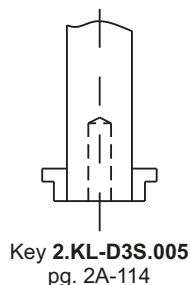
\* possibility to make in another dimension

Note: When ordering specify the thickness of the locking cam

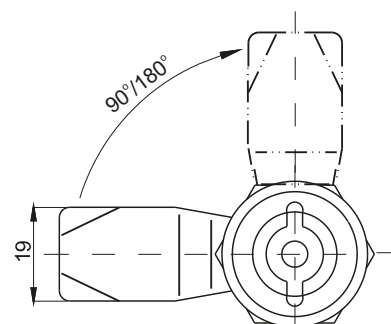
The lock is fitted with cams from the group: 11, 12, 13, 14, 18, 31, 33, 38, JZ-002, J-6000.03, J-6000.04, JK-1610.01 (page 1C-9 - 1C-22)

stainless steel

LH/RH



Left version



Right version

| 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   | -          |

How to order :

|                                  |         |   |    |   |     |   |   |   |    |   |   |
|----------------------------------|---------|---|----|---|-----|---|---|---|----|---|---|
|                                  | ZZR28/S | — | D3 | — | H.G | — | L | — | 90 | — | C |
| Type of lock                     |         |   |    |   |     |   |   |   |    |   |   |
| Type of insert                   |         |   |    |   |     |   |   |   |    |   |   |
| Height cam H (page 1C-9 - 1C-22) |         |   |    |   |     |   |   |   |    |   |   |
| Version ( L- left, P-right)      |         |   |    |   |     |   |   |   |    |   |   |
| Opening angle (90°, 180°)        |         |   |    |   |     |   |   |   |    |   |   |
| Finish                           |         |   |    |   |     |   |   |   |    |   |   |

\* possibility to make in another dimension

### Note:

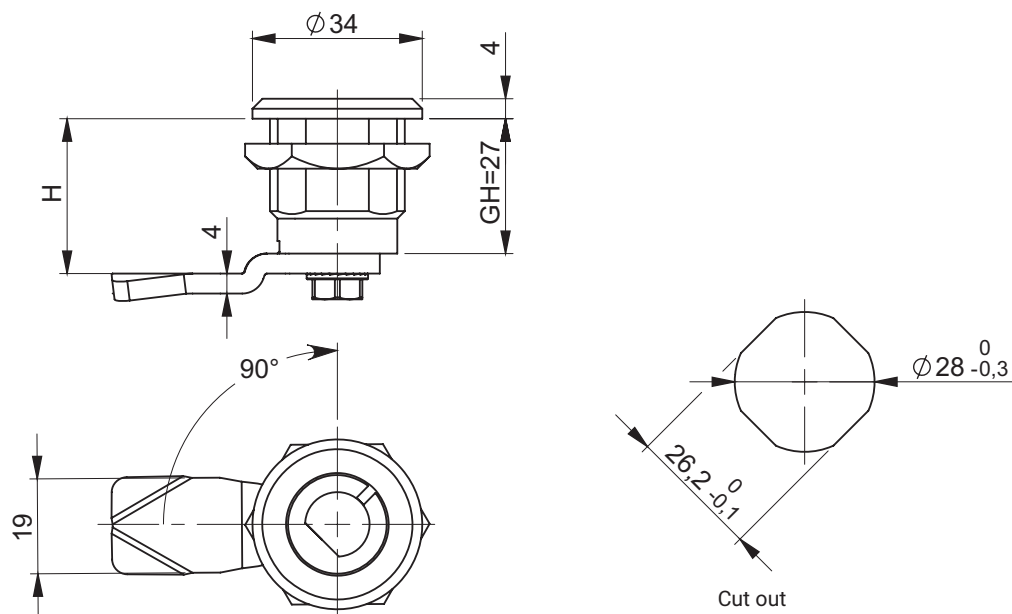
A key 2.KL-D3S.005 pg.2A-114, can be ordered for the lock, which is designed to prevent the ZZR from being pulled out of the lock when turned to the "open" position.

The lock can be used with 3-point cam with a limiter pg. 1C-17, 1C-18

H.G- dimension of the cam bend ( H- height of the lock, G-group)

Lock compatible with cams from groups 11,13,18, 31, 33, 38, JZ-002, JK-1610.01 (pg.1C-9 1C-22).

LH/RH

**Insert**

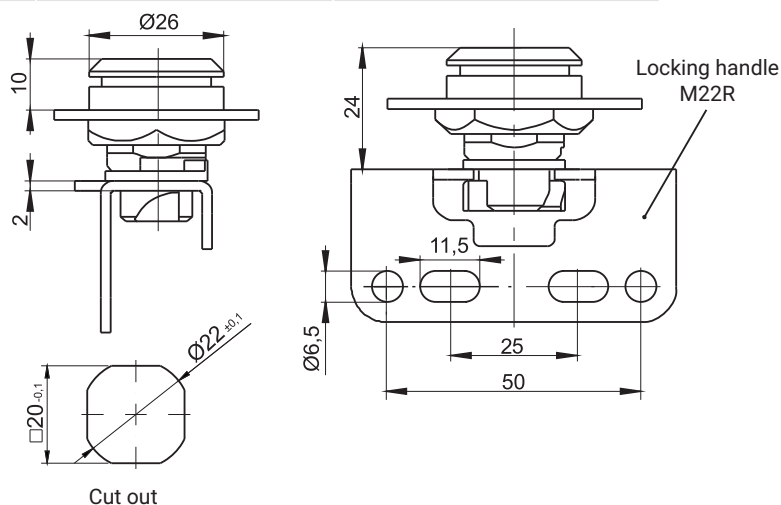
D13

Note:

1. The key can be inserted and pull out only in the closed position
2. Adapted to lock the key KL-D13 (page 2A-115)

| 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 :

Type of lock

Type of insert

Height cam H = 27, 30, 33 (does not apply to M22R)

CZ-E1

D5

27

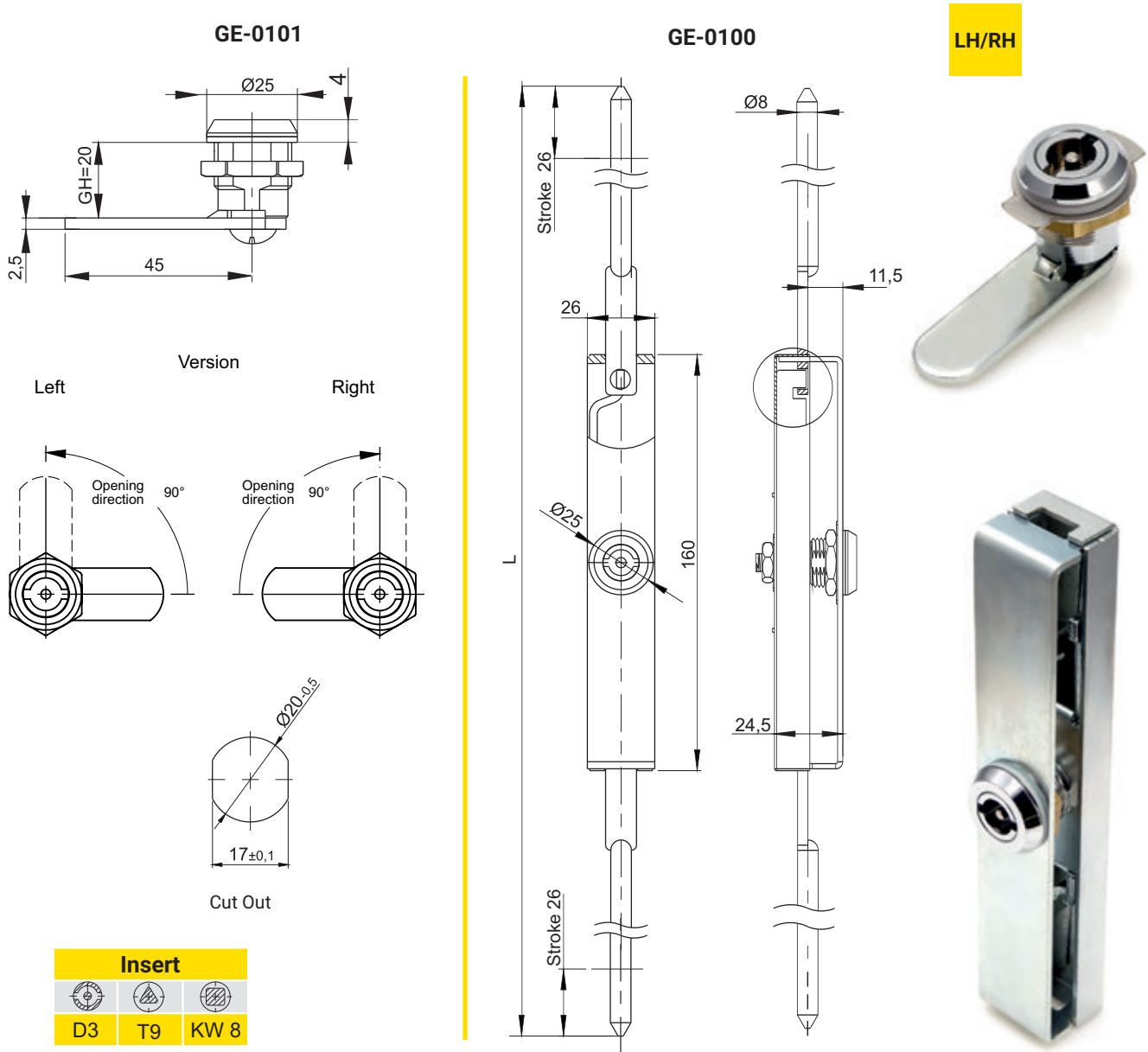
\* possibility to make in another dimension

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



For this lock you can order key from page 2A-112 to 2A-114 (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 :

Type of lock

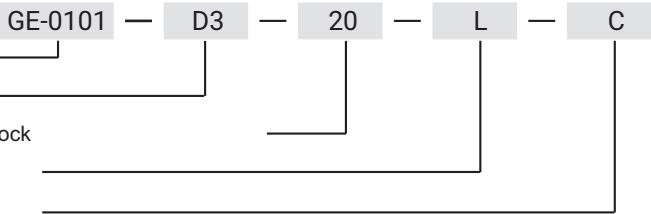
Type of insert

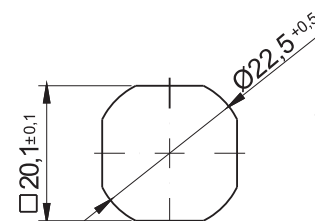
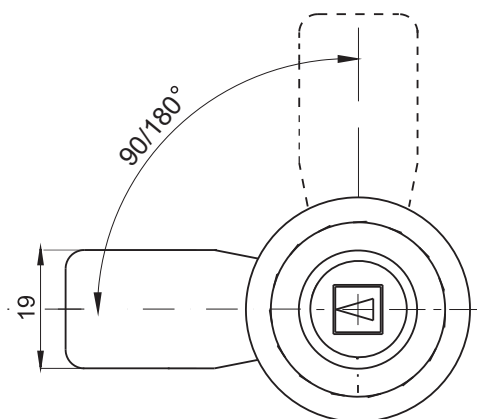
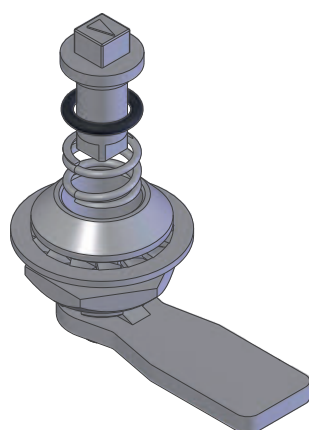
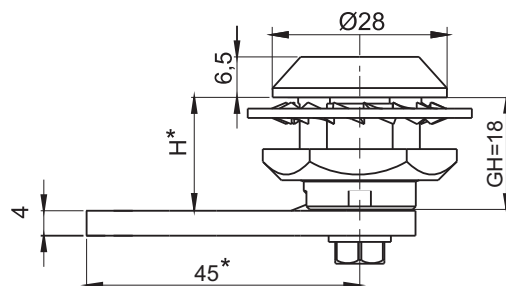
Height cam H (20, 22, 24) only for GE-0101 lock

Version (P-right, L-left)

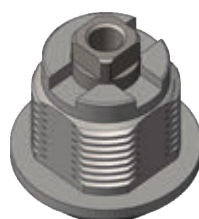
Finish

\* possibility to make in another dimension

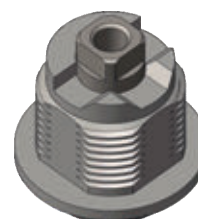




Cut out



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

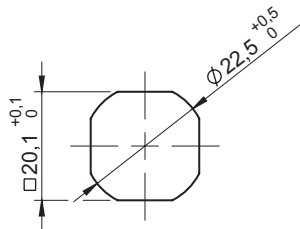
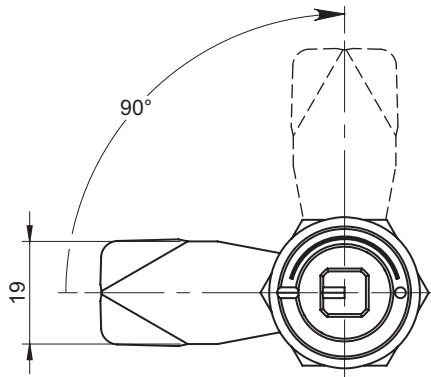
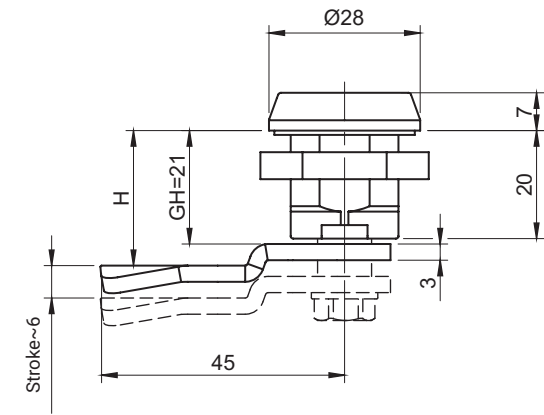
How to order :

|                                  |       |   |   |   |     |   |     |   |   |   |    |
|----------------------------------|-------|---|---|---|-----|---|-----|---|---|---|----|
|                                  | M22SP | — | A | — | KW8 | — | H.G | — | C | — | 90 |
| Type of lock                     |       |   |   |   |     |   |     |   |   |   |    |
| Type of housing                  |       |   |   |   |     |   |     |   |   |   |    |
| Type of insert                   |       |   |   |   |     |   |     |   |   |   |    |
| Type of cam (page 1C-9 to 1C-22) |       |   |   |   |     |   |     |   |   |   |    |
| 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-9 - 1C-22)



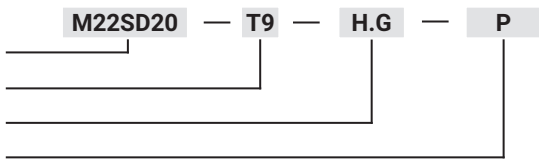


Cut out

Compression lock with a stroke of approx. 6mm.  
The drawing shows the right-hand version of the lock.  
The left-hand version is a mirror reflection of the right.

| TYPE OF LOCK | INSERTS [D] |     |    | COMPONENTS           | MATERIAL        |
|--------------|-------------|-----|----|----------------------|-----------------|
| M22SD20SN    |             |     |    | Housing, Insert, Cam | Stainless steel |
|              | RAILWAY     | KW8 | T9 |                      |                 |

How to order:  
Type of lock  
Type of insert [D]  
Locking height  
Version (L-left, P-right)



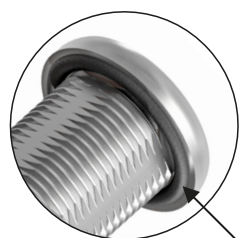
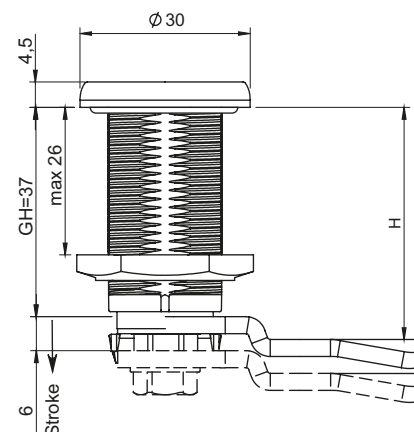
where:  
**H** - locking height  
**G** - cam group  
Lock M22SD20SN is fitted with cams from the group: 16 (page 1C-12)  
[www.roztocze.eu](http://www.roztocze.eu)



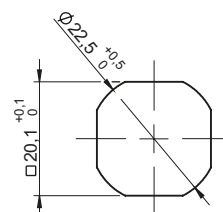
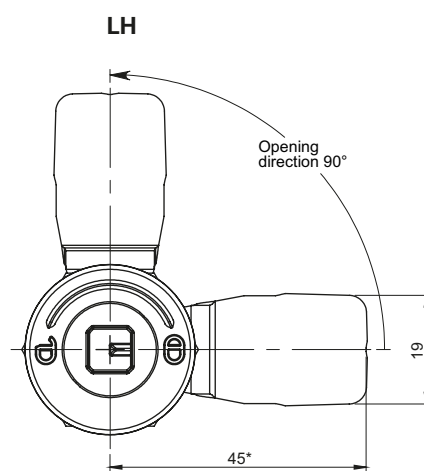
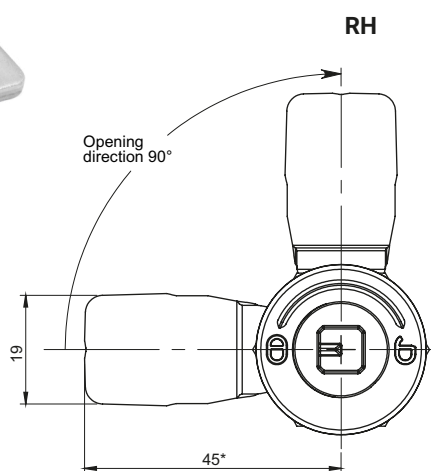
LH/RH



IP65



Housing with foamed sealing PUR



Cut out

| TYPE OF LOCK                                                                        |                                                                                     |                                                                                     |                                                                                     | COMPONENTS                             |  | MATERIAL          |  |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------------------------------------|--|-------------------|--|
| M22SA2                                                                              |                                                                                     |                                                                                     |                                                                                     | Housing, Knob                          |  | ZAMAK5            |  |
|                                                                                     |                                                                                     |                                                                                     |                                                                                     | Cam, Washer, Nut<br>Internal mechanism |  | Steel zinc plated |  |
| INSERTS [X]                                                                         |                                                                                     |                                                                                     |                                                                                     | FINISH [C]                             |  |                   |  |
|  |  |  |  | Chrome                                 |  | RAL9005           |  |
| KW8                                                                                 | T8                                                                                  | D3                                                                                  | D5                                                                                  | 01                                     |  | 04                |  |

**How to order:**

Type of lock

Type of insert [X]

Insert finish [C]

Type of lock (L-Left, R-Right)

Housing finish [C]

Locking height

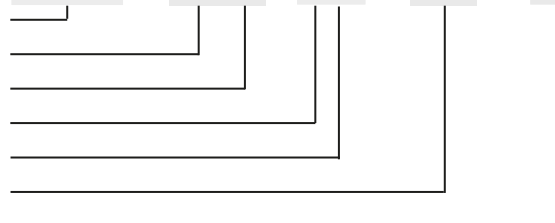
PUR foam seal

where:

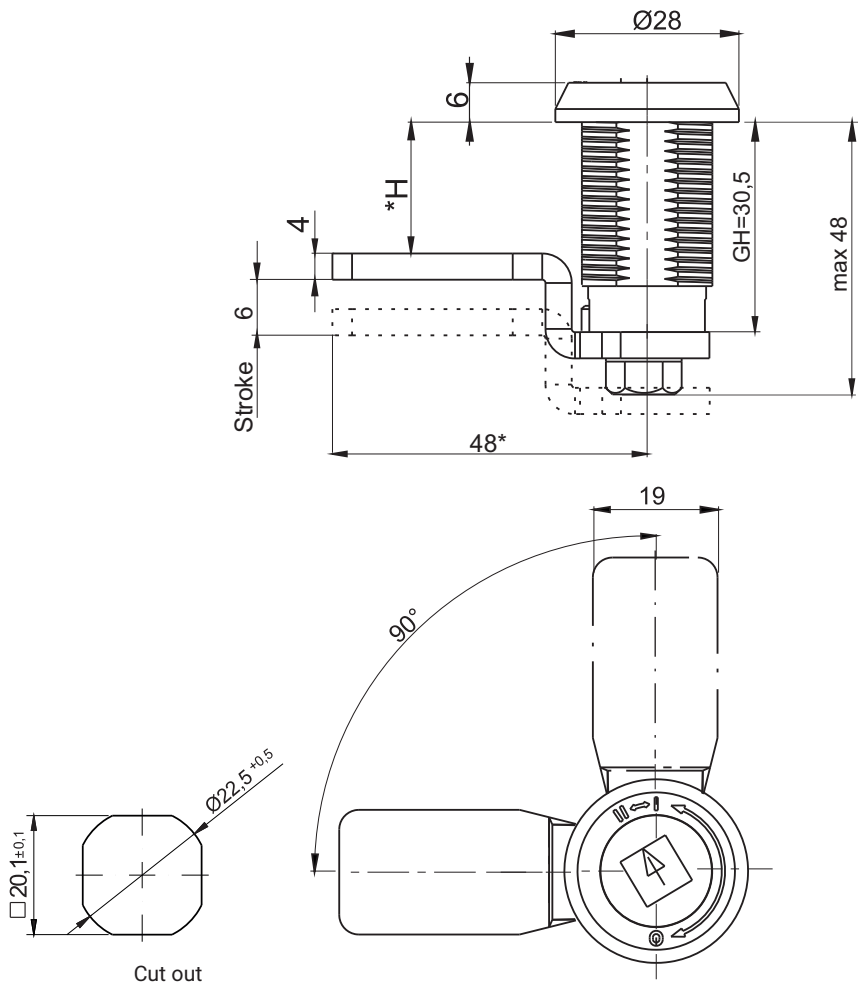
H - the cam unbending dimension

G - cam group

Lock M22SA2 is compatible with all cams from range:15, 16, 19, 35, 36 (page 1C-12 - 1C-19)

**M22SA2 — KW8.01 — L.01 — H.G — PUR**


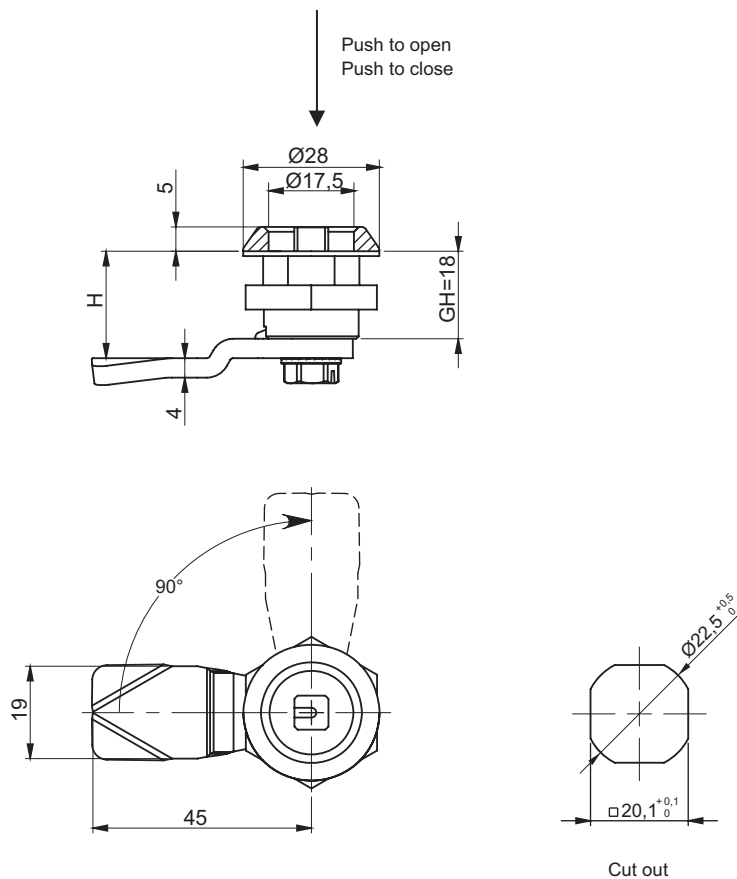
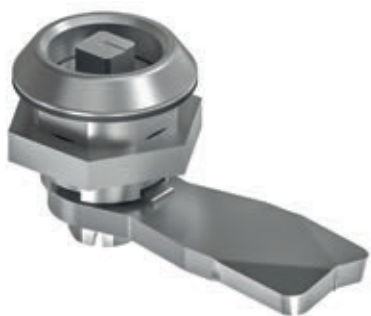
LH/RH



| 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   |

|                                |         |   |       |   |       |   |       |   |       |
|--------------------------------|---------|---|-------|---|-------|---|-------|---|-------|
| How to order :                 | M22SD30 | — | T9    | — | 18    | — | C     | — | P     |
| Type of lock                   | _____   |   | _____ |   | _____ |   | _____ |   | _____ |
| Type of insert                 | _____   |   | _____ |   | _____ |   | _____ |   | _____ |
| Height cam H =18, 20, 22       | _____   |   | _____ |   | _____ |   | _____ |   | _____ |
| Finish                         | _____   |   | _____ |   | _____ |   | _____ |   | _____ |
| Lock version (P-Right, L-left) | _____   |   | _____ |   | _____ |   | _____ |   | _____ |

\* possibility to make in another dimension  
Lock M22SD30 addition to being locked, has shaped the possibility of additional security padlock.

stainless  
steel

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.

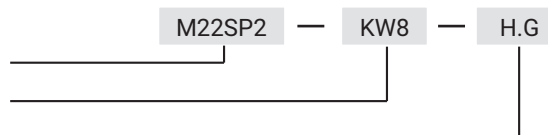
| Insert       |      |                      |                 |
|--------------|------|----------------------|-----------------|
|              |      |                      |                 |
| KW 7         | KW 8 | T8                   | T9              |
| TYPE OF LOCK |      | COMPONENTS      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

**How to order:**

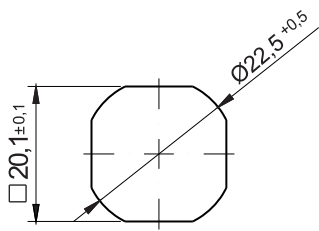
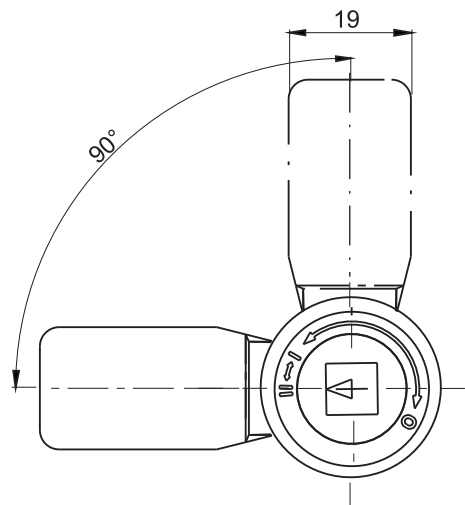
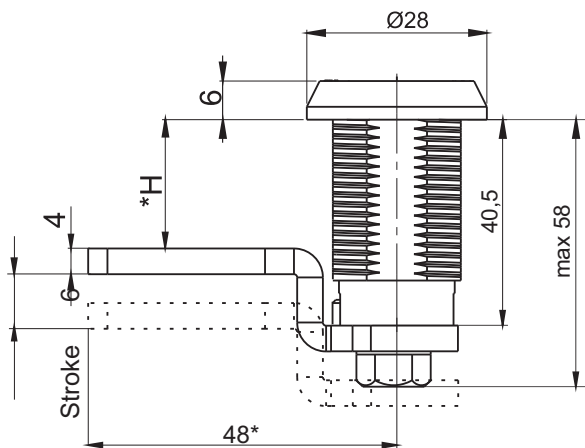
Type of lock

Type of housing

Finish



The lock is fitted with cams from the group: 13, 14, 33, 34, (page 1C-9 - 1C-22)

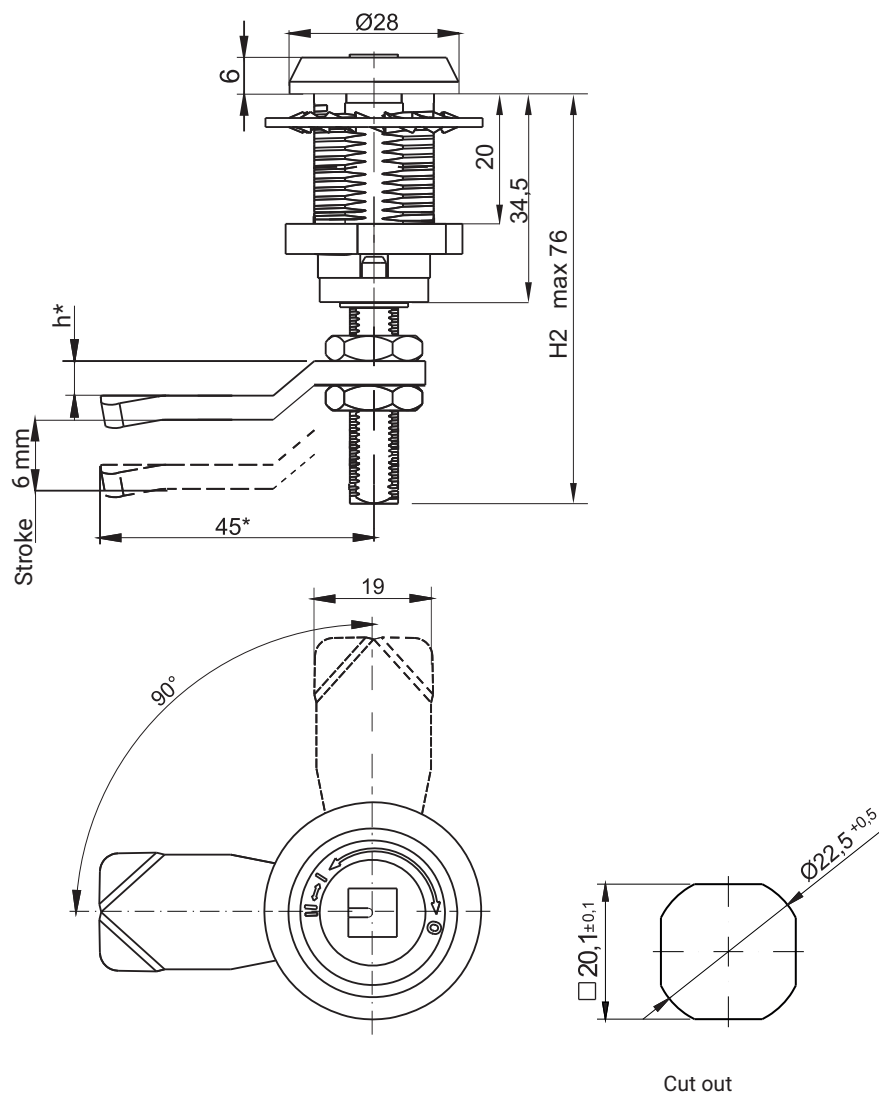


Cut out

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

|                                |         |   |    |   |    |   |   |
|--------------------------------|---------|---|----|---|----|---|---|
| How to order :                 | M22SD40 | — | T9 | — | 18 | — | P |
| Type of lock                   |         |   |    |   |    |   |   |
| Type of insert                 |         |   |    |   |    |   |   |
| Height cam H =18, 20, 22       |         |   |    |   |    |   |   |
| Lock version (P-Right, L-Left) |         |   |    |   |    |   |   |

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



| 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                                                                                 |            |                   |  |

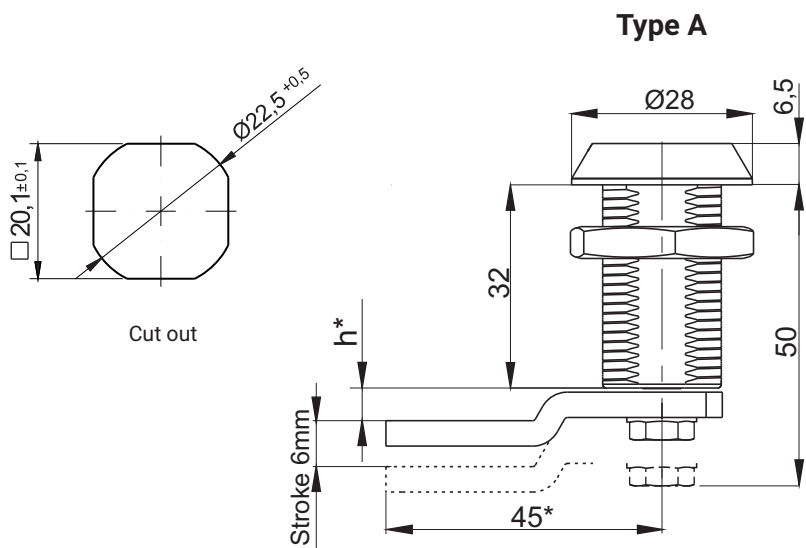
**How to order :**

|                                         |       |   |    |   |   |   |   |   |   |
|-----------------------------------------|-------|---|----|---|---|---|---|---|---|
|                                         | 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)          |       |   |    |   |   |   |   |   |   |

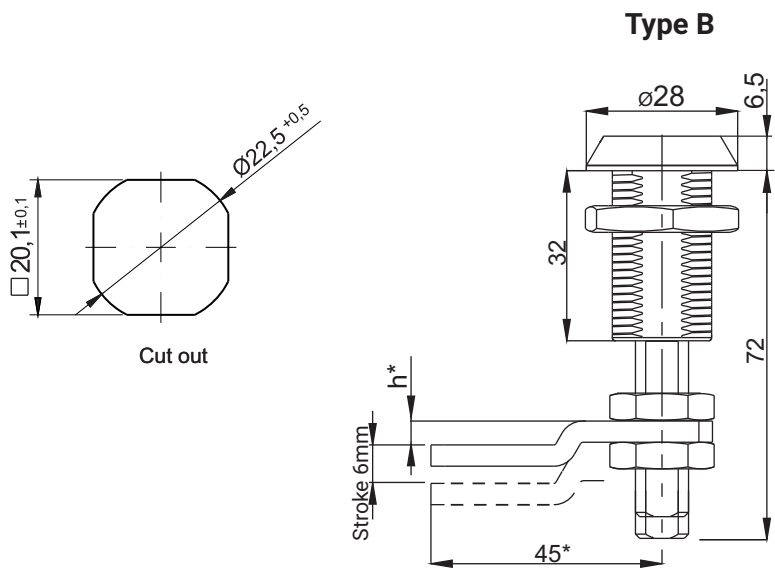
\* possibility to make in another dimension

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

IP65 LH/RH



IP65 LH/RH



| 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 : M22SA — AL — T9 — 3 — C

Type of lock \_\_\_\_\_

Type of housing + wer. of lock (P- right, L- left) \_\_\_\_\_

Type of insert \_\_\_\_\_

Height cam h =0, 3, 6, 9, -3, 6, -9 \_\_\_\_\_

Finish \_\_\_\_\_

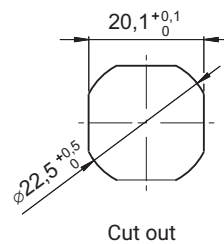
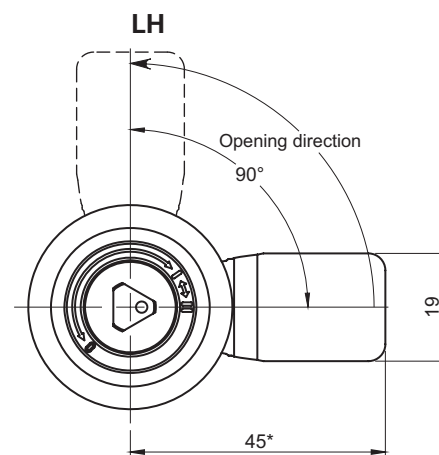
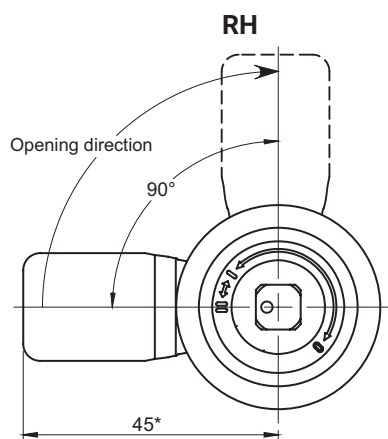
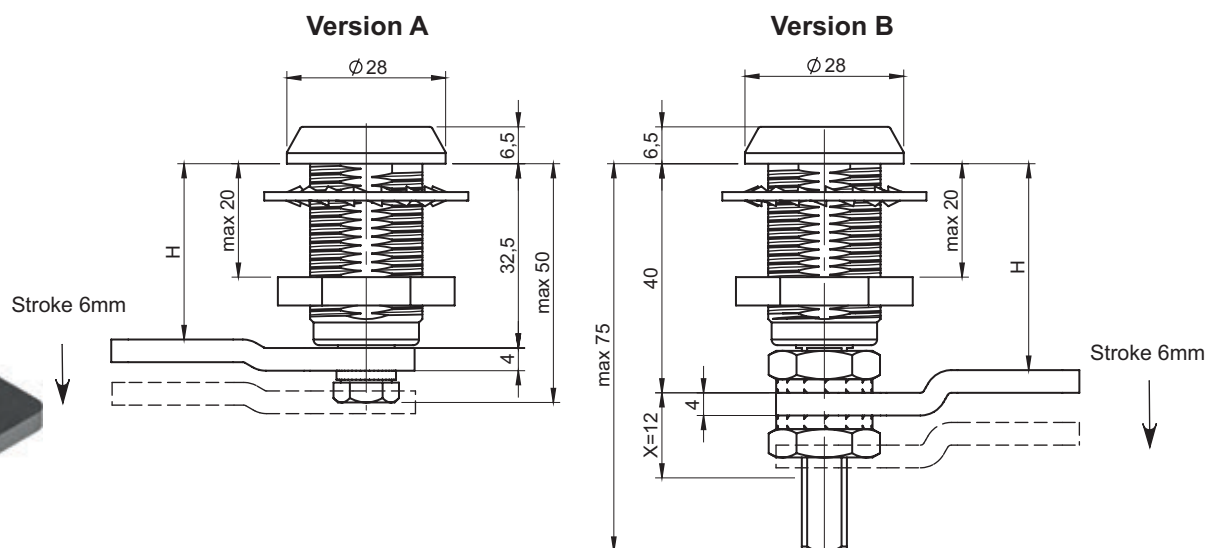
\* possibility to make in another dimension



stainless  
steel

IP65

LH/RH



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

## How to order :

Type of lock

Type of insert

Version A, B; (left - LH, right - RH)

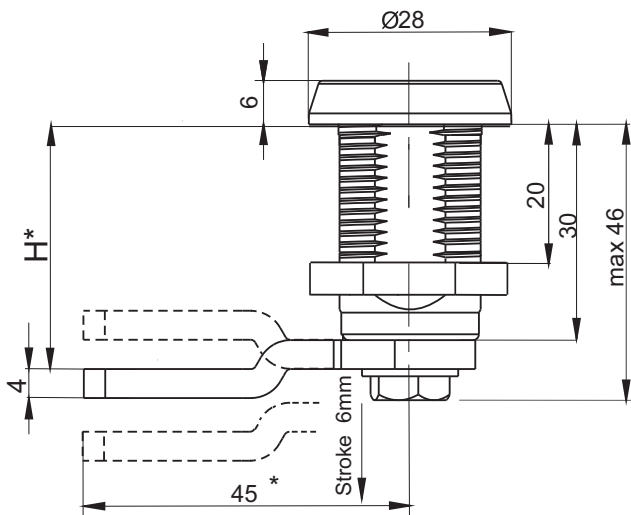
Height cam

- for version A H=27,5; 32,5; 37,5

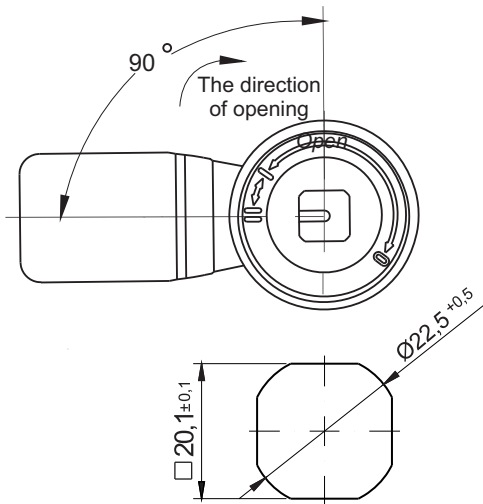
- for version B H=35; 40; 45

M22SE — T9 — AL — 32,5

\* possibility to make in different dimension



LH/RH



Cut out

| INSERT       |     | FINISH [C]      |                   |
|--------------|-----|-----------------|-------------------|
|              |     | Chrom           | RAL 9005          |
| T9           | KW8 | 01              | 04                |
| TYPE OF LOCK |     | COMPONENTS      | MATERIAL          |
| M22SG        |     | Housing, insert | ZAMAK 5           |
|              |     | Cam             | Steel zinc plated |

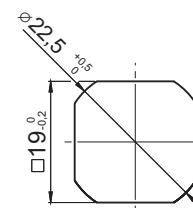
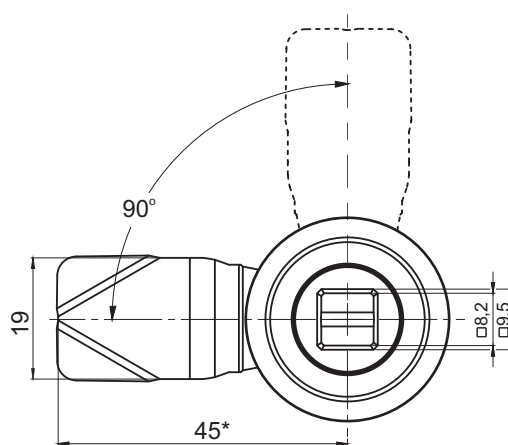
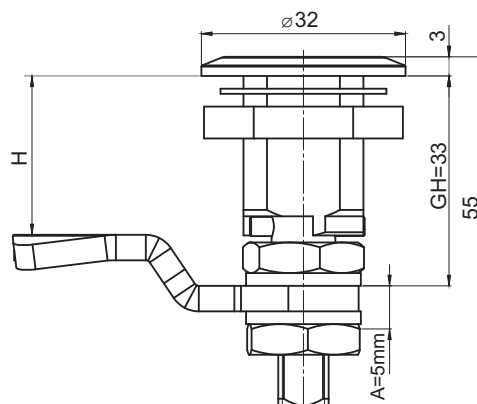
How to order : M22SG — T9 — 30 — 01 — P

Type of lock —  
Type of insert —  
Height cam H =24; 27; 30; 33; 36 —  
Finish —  
Lock version ( P- right, L- left) —

\* possibility to make in another dimension

stainless  
steel

IP65



Cut out

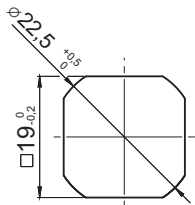
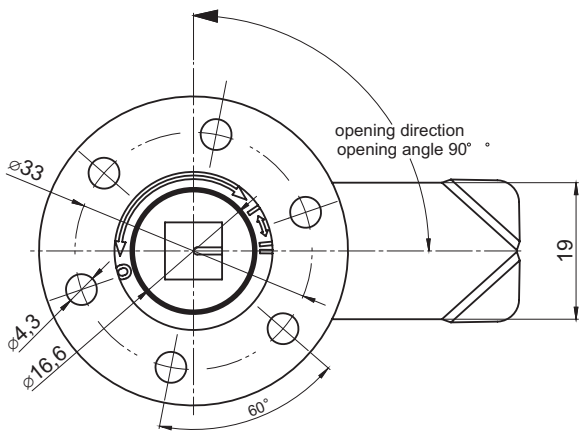
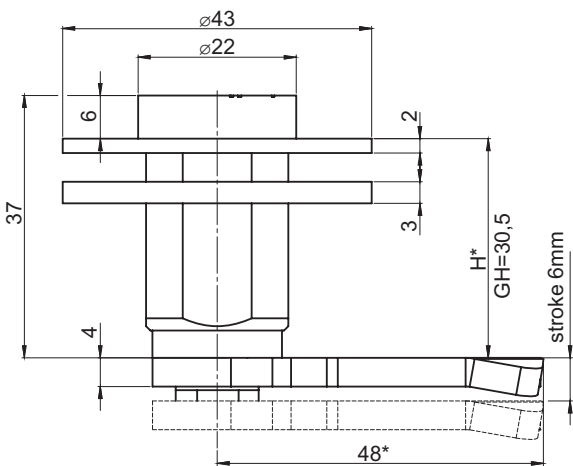
A - the height of the latch adjustment H

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

How to order :

Type of lock: M22JR-SN — KW8/9,5 — 27  
 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   |  |

How to order: M22SK30 — T9 — 18 — C — P

Type of lock \_\_\_\_\_

Type of insert \_\_\_\_\_

The height of cam H =18, 20, 22 \_\_\_\_\_

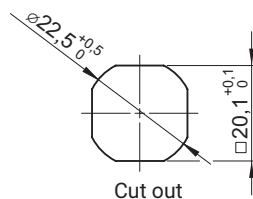
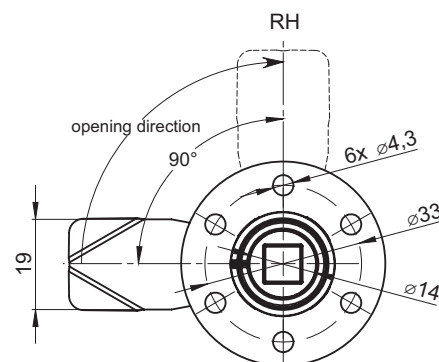
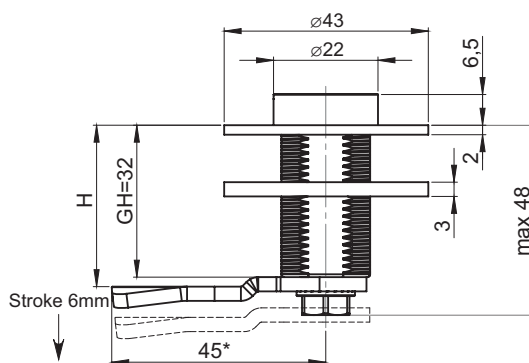
Finish \_\_\_\_\_

Version of lock (R-right, L- left) \_\_\_\_\_

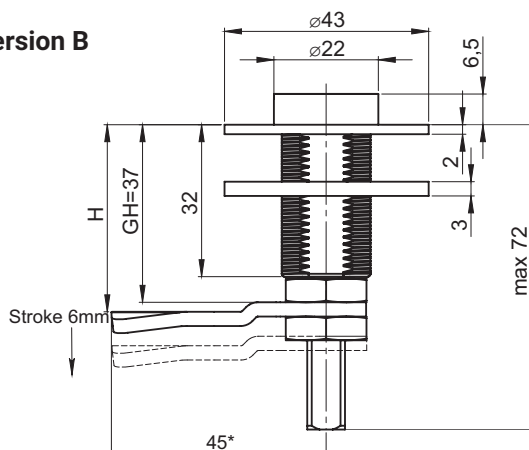
\* Possibility to order in a different dimension



Version A



Version B



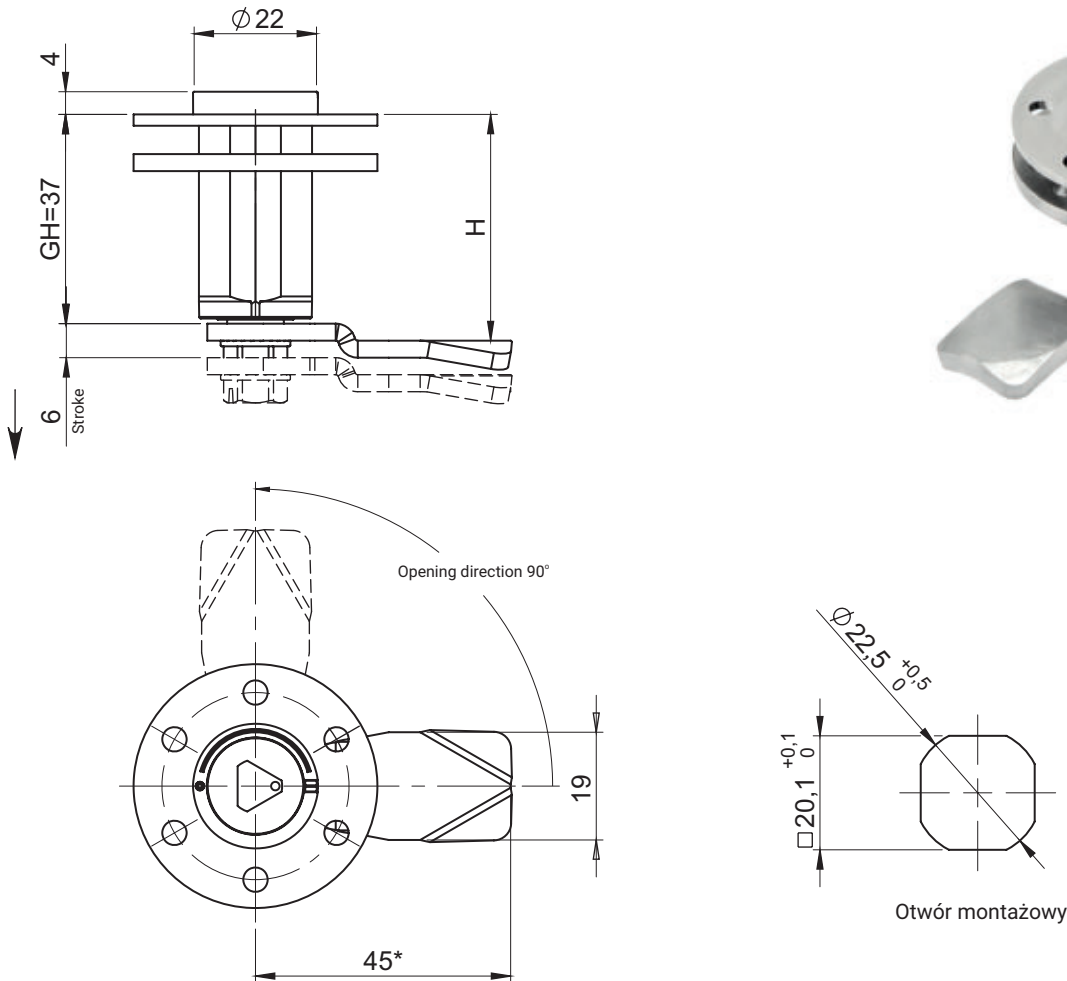
| INSERTS      |    |    |      |      | FINISH [C]       |                   |
|--------------|----|----|------|------|------------------|-------------------|
|              |    |    |      |      | Chrome           | RAL 9005          |
| D3           | D5 | T9 | KW 7 | KW 8 | 01               | 04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

## How to order:

Type of lock \_\_\_\_\_  
 Type of insert \_\_\_\_\_  
 Version of lock (R-right, L- left) \_\_\_\_\_  
 The height of cam  
 - for version A: H=26, 29, 32, 35, 38  
 - for version B: H=31, 34, 37, 40, 43  
 Finish \_\_\_\_\_

\* Possibility to order in a different dimension

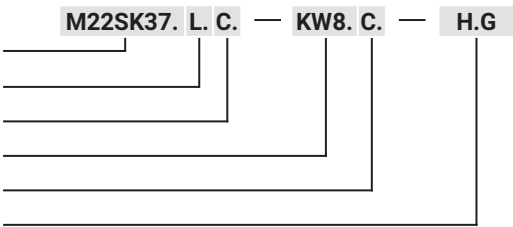
M22SK32 — T9 — BL — 32 — C



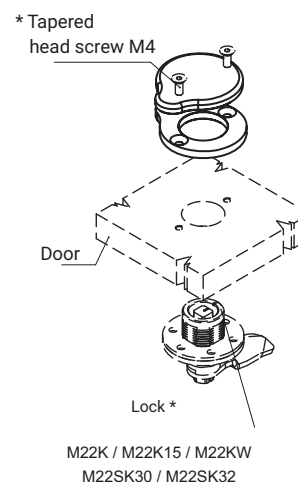
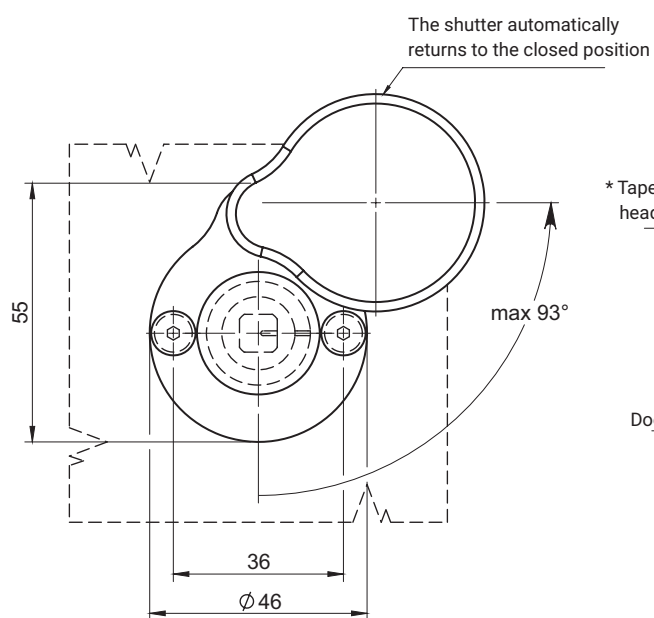
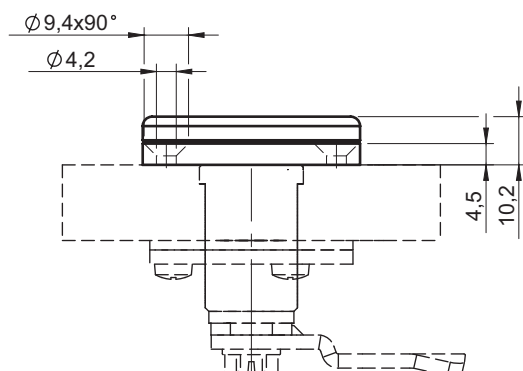
The lock shown fits left-hand doors. The lock for right-hand doors is a mirror image.

| TYPE OF LOCK                                                                        |                                                                                     | COMPONENTS                             |         | MATERIAL          |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------------------------------------|---------|-------------------|
| M22SK37                                                                             |                                                                                     | Housing, Insert                        |         | ZAMAK5            |
|                                                                                     |                                                                                     | Cam, Washer, Screw, Internal Mechanism |         | Zinc plated steel |
| INSERTS                                                                             |                                                                                     | FINISH [C]                             |         |                   |
|  |  | Chrome                                 | RAL9005 |                   |
| KW8                                                                                 | T8                                                                                  | 01                                     | 04      |                   |

**How to order:**  
Type of lock  
Version of lock R-right, L- left  
Housing finish  
Type of insert  
Insert finish  
Height locking



meaning:  
H - the cam unbending dimension  
G - cams range  
Lock M22SK37 is compatible with cams from groups: 15, 16, 19, 35, 36 (page 1C-12 - 1C-19)

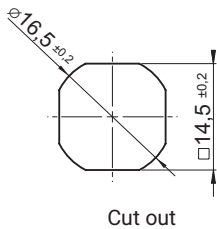
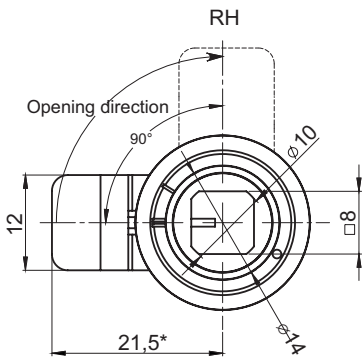
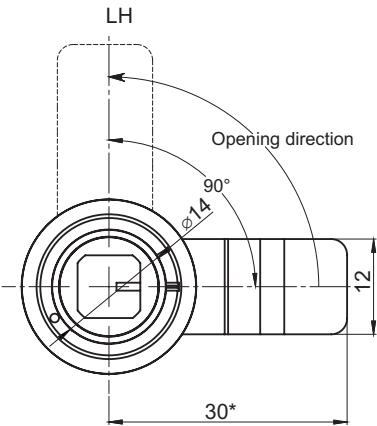
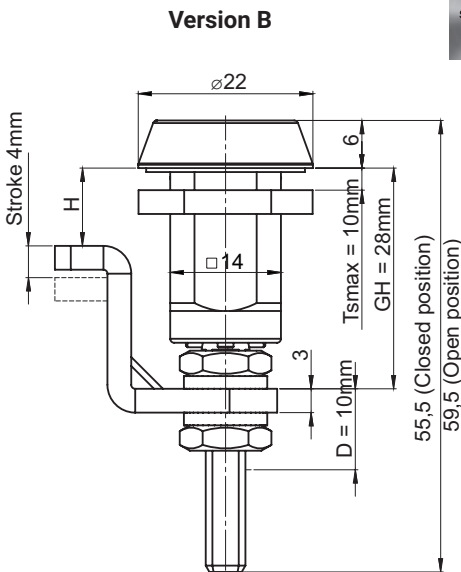
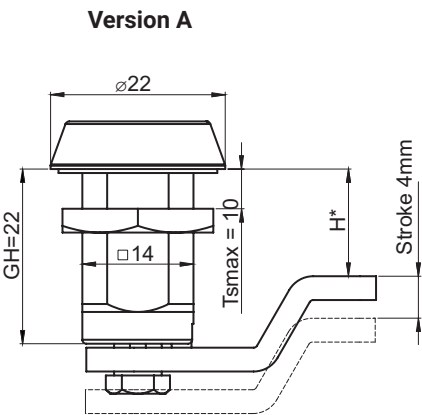


Cover 2.904.020SN compatible with locks: M22K, M22K15, M22KW, M22SK30, M22SK32, M22SK37.

\* not included in delivery

| NR CATALOGUE NUMBER | DETAIL    | MATERIAL                         |
|---------------------|-----------|----------------------------------|
| 2.904.020SN         | Przesłona | Stainless steel, electropolished |





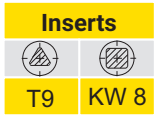
| Height adjustment H cam for lock in version B |             |         |
|-----------------------------------------------|-------------|---------|
| Cam                                           |             | H       |
| 1                                             | Bended 18mm | 10 - 20 |
|                                               |             | 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-112 - 2A-113).  
**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 |

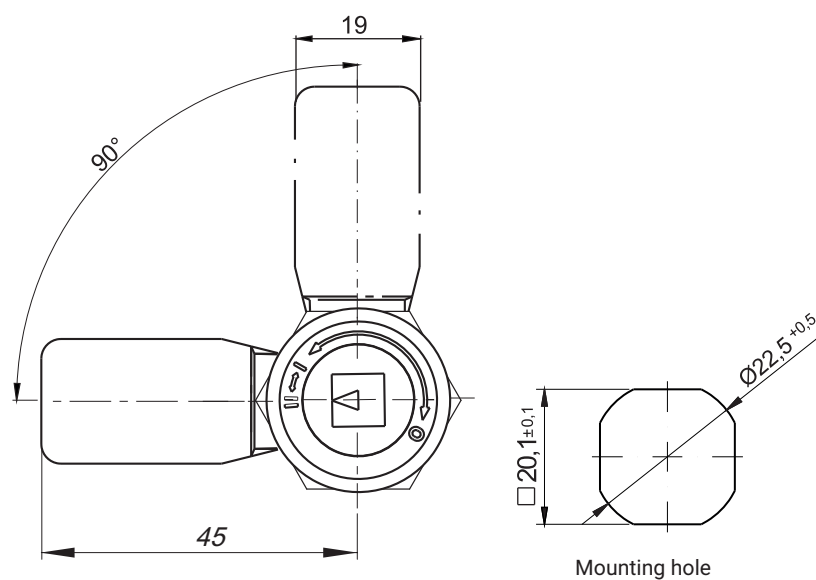
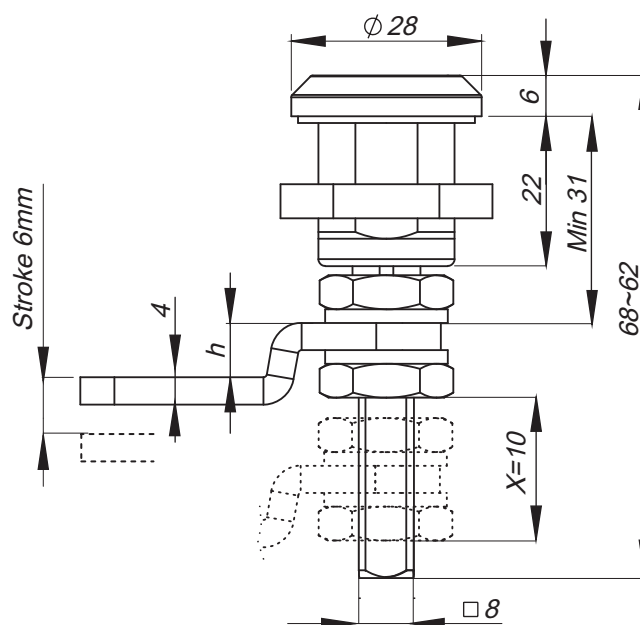
How to order :  
Type of lock  
Type of insert  
version of lock + opening direction A, B; L- left, R-right  
The hight of cam  
- for version A: H=13, 22, 31, 40  
- for version B: Cam 1, 2, 3 (chart above)

M16SD22 — KW8 — BL — 22



stainless  
steel

IP65



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:

Type of lock

Type of insert

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

Finishing

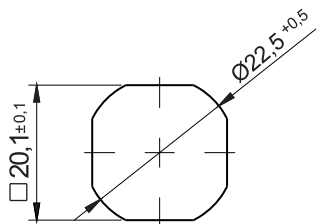
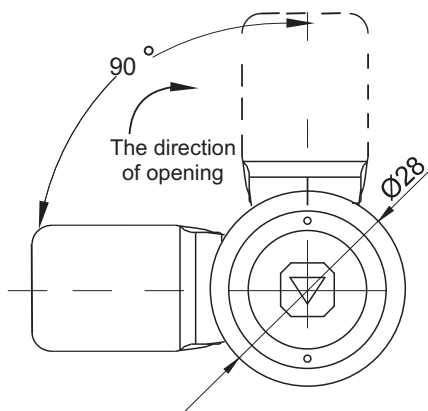
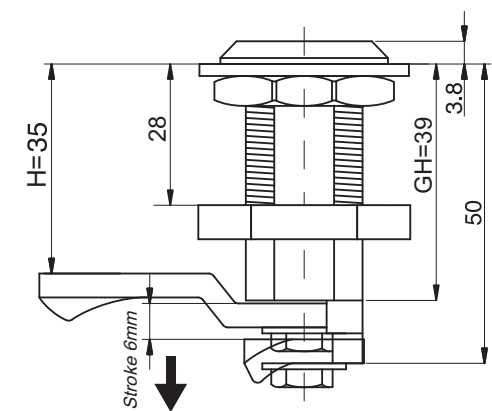
Version (L- left, P-right)

M22SD22 — T9 — 22 — SN — P

stainless  
steel

RoHS

LH/RH



Cut out



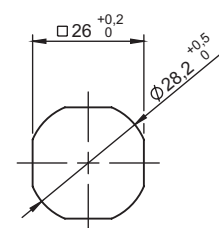
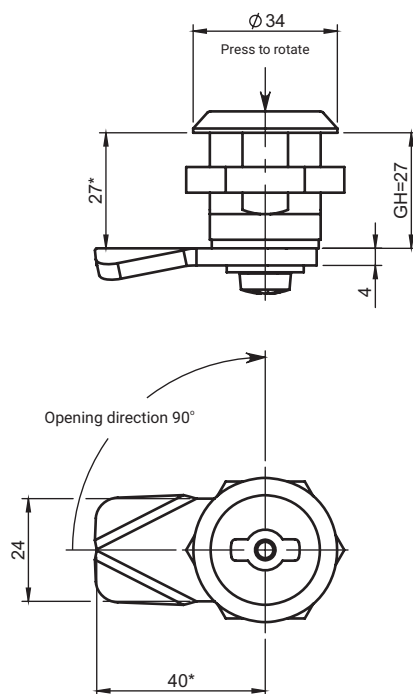
| Insert                                                                              |                 |                 |
|-------------------------------------------------------------------------------------|-----------------|-----------------|
|  |                 |                 |
| KW 8                                                                                |                 |                 |
| TYPE OF LOCK                                                                        | COMPONENTS      | MATERIAL        |
| 2.530.001                                                                           | Housing, insert | Stainless steel |
|                                                                                     | Cam             | Stainless steel |

\* possibility to make in another dimension

How to order: 2.530.001 — KW8  
Type of lock  
Type of insert

stainless  
steel

NEW



Mounting hole

Lock with protection from undesirable opening without specific key.  
Rotation of locking cam is possible after pushing pin by key.  
Key removal possible only in locking position of the lock.  
Lock works with key 2.KL-D5.001 (pg. 2A-112 - 2A-113).

| TYPE OF LOCK | COMPONENTS           | INSERT [X]                                                                                  | MATERIAL                           |
|--------------|----------------------|---------------------------------------------------------------------------------------------|------------------------------------|
| M28-1        | Housing, Insert, Cam | <br>D5 | Stainless steel<br>electropolished |

**How to order:**

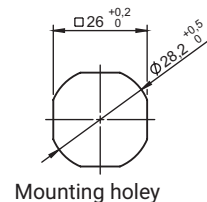
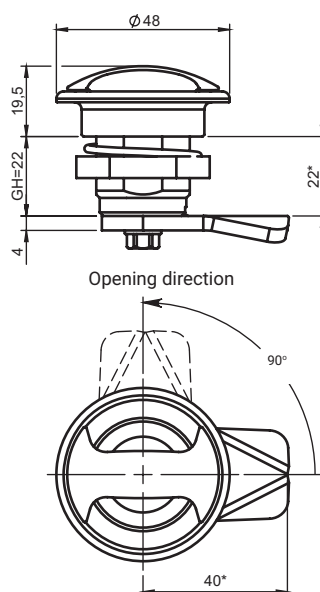
Type of lock  
Type of insert [X]  
Material / finish



\* possibility to make in another dimension

stainless  
steel

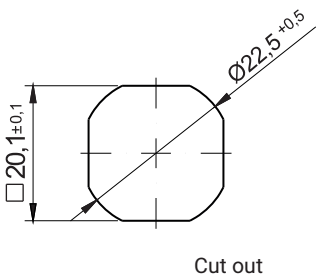
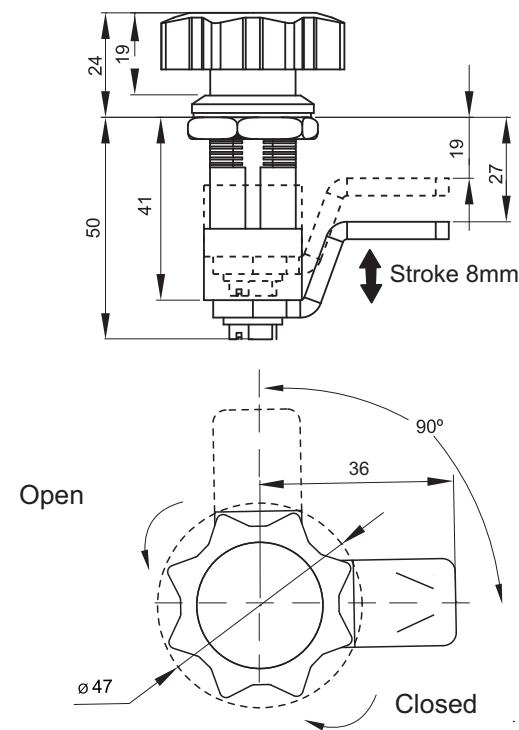
NEW



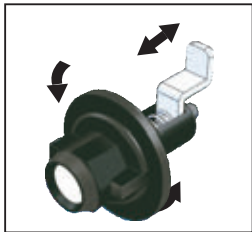
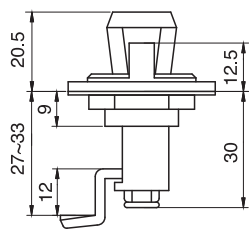
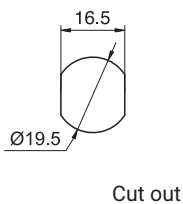
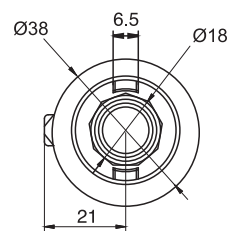
Mounting hole

| TYPE OF LOCK | COMPONENTS           | MATERIAL                        |
|--------------|----------------------|---------------------------------|
| M28-2        | Housing, Insert, Cam | Stainless steel electropolished |

LH/RH



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

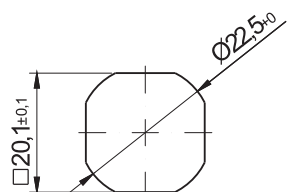
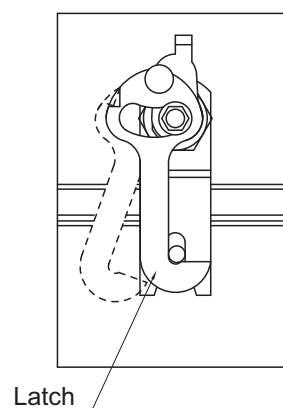
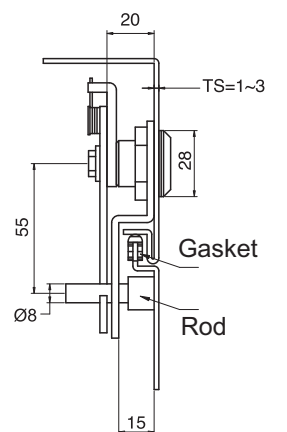


| TYPE OF LOCK | COMPONENTS    | MATERIAL          | FINISH [C] |
|--------------|---------------|-------------------|------------|
|              |               |                   | RAL 9005   |
| 2.528.002    | Housing, knob | Polyamide         | 07         |
|              | Cam           | Steel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

How to order:

Type of lock  
Finish

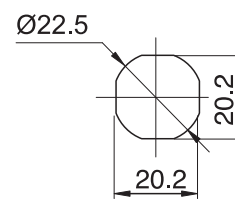
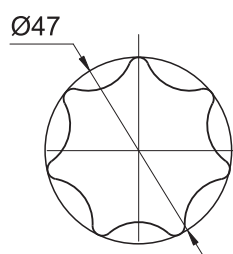
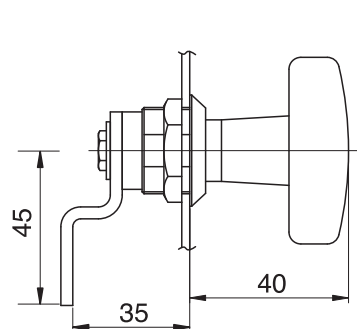
2.528.001 — C



Cut out

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

IP54



Cut out

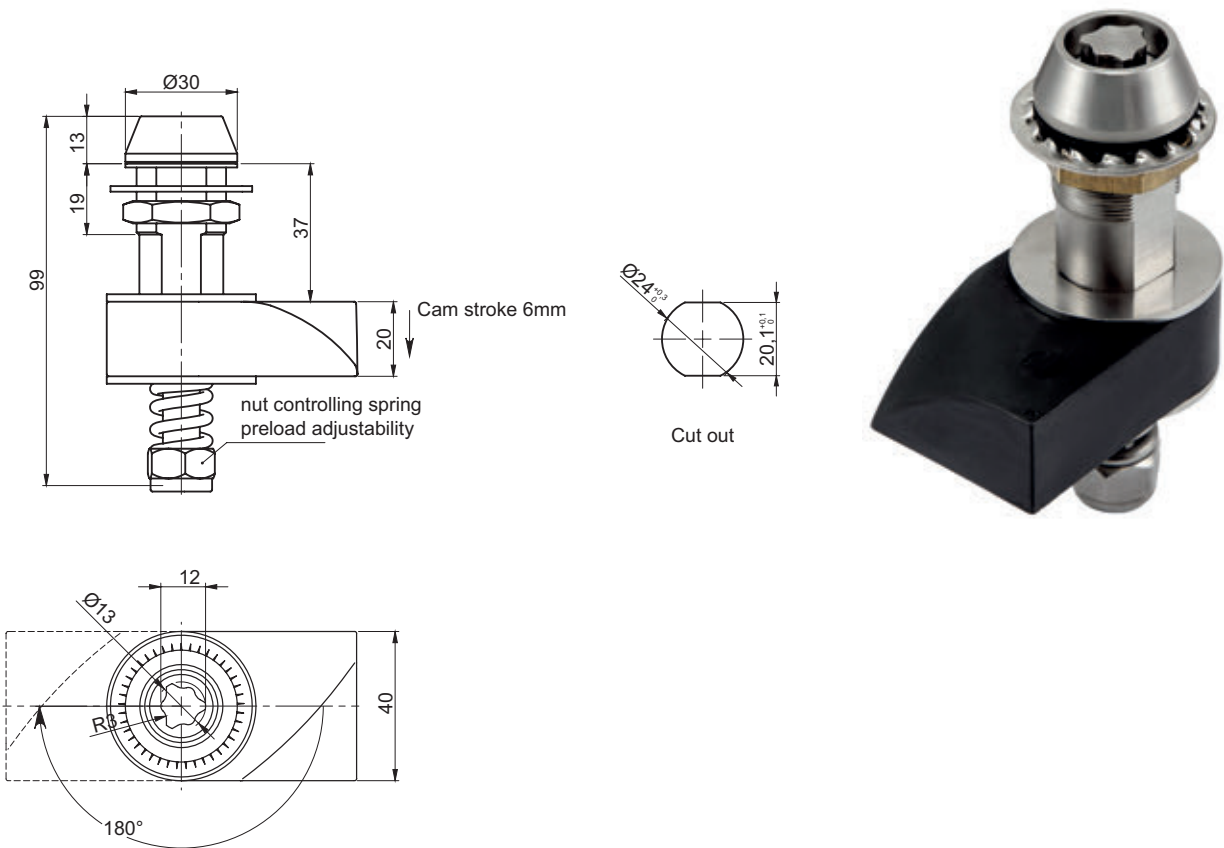
Turn angle 90°

| 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

2.525.001 — C



| INSERTS |    |
|---------|----|
|         |    |
| T10     | BT |

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

How to order:

M24C

T10

SN

Type of lock

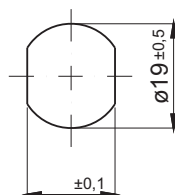
Type of insert

Finish

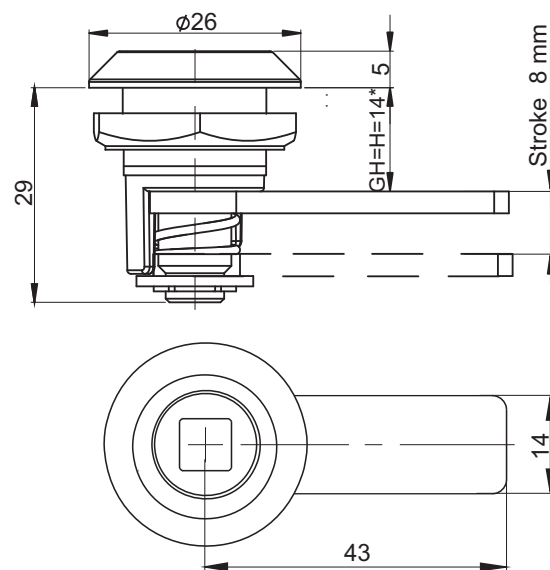
Lock is equipped with spring preload adjustability



RoHS

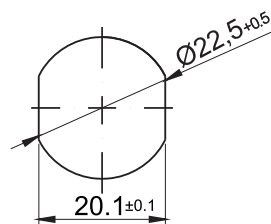


Cut Out

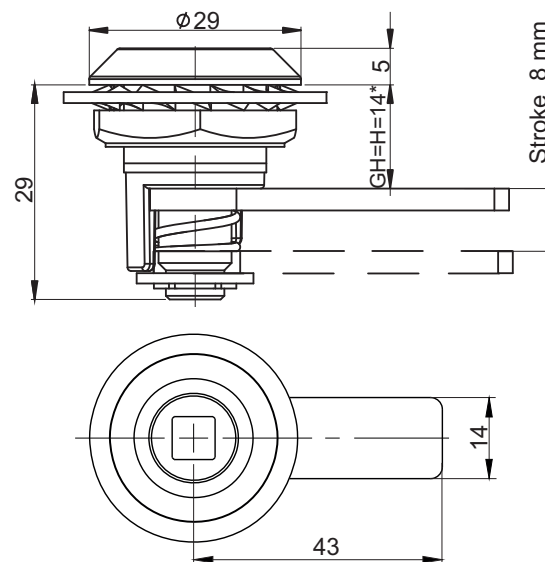


| INSERT       |      |   | FINISH [C]  |        |                   |          |
|--------------|------|---|-------------|--------|-------------------|----------|
|              |      |   | Chrome      | Nickel | RAL 9005          | RAL 7035 |
| T9           | KW 8 | S | 01          | 02     | 04                | 05       |
| TYPE OF LOCK |      |   | COMPONENTS  |        | MATERIAL          |          |
| M19DC        |      |   | Housing     |        | ZAMAK5            |          |
|              |      |   | Cam, insert |        | Steel zinc plated |          |

RoHS



Cut Out



| 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 |          |

How to order :

Type of lock

Type of insert

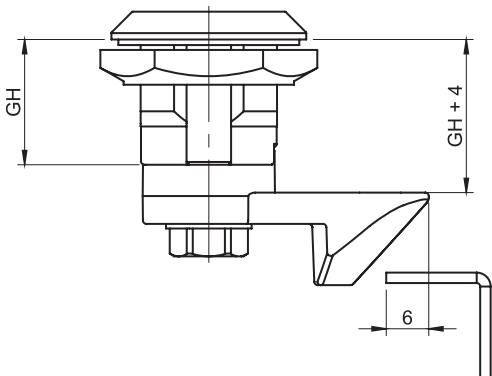
Height cam H = 14, 17, 20

Finish

\* possibility to make in another dimension

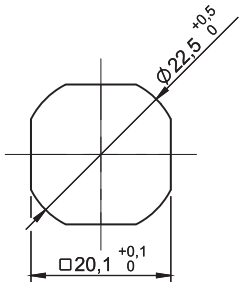
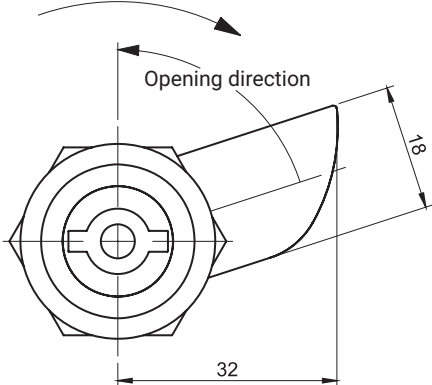
M22DC — T9 — 14 — C

LH



Lock with cam on left version

Automatic return of the lock to the closed position



Cut out

RH



Locks with cam on right version

| CATALOGUE NUMBER     |    | VERSION  | MATERIAL                                                                             |                                                                                       |                                                                                       |            |        |         |         |
|----------------------|----|----------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|------------|--------|---------|---------|
| JZ-3522L             |    | Left     | ZAMAK                                                                                |                                                                                       |                                                                                       |            |        |         |         |
| JZ-3522P             |    | Right    |                                                                                      |                                                                                       |                                                                                       |            |        |         |         |
| COMPATIBLE LOCKS M22 |    |          | INSERTS                                                                              |                                                                                       |                                                                                       | FINISH [C] |        |         |         |
| TYPE OF LOCK         | GH | MATERIAL |                                                                                      |                                                                                       |                                                                                       |            |        |         |         |
| M22-3                | 18 | ZAMAK    |  |  |  | Chrome     | Nickel | RAL9005 | RAL7035 |
| M22-30               | 30 |          |                                                                                      |                                                                                       |                                                                                       |            |        |         |         |
| M22-60               | 60 |          |                                                                                      |                                                                                       |                                                                                       |            |        |         |         |
|                      |    |          | KW8                                                                                  | D5                                                                                    | T9                                                                                    | 01         | 02     | 04      | 05      |

How to order :

Type of lock

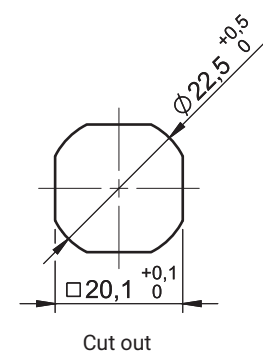
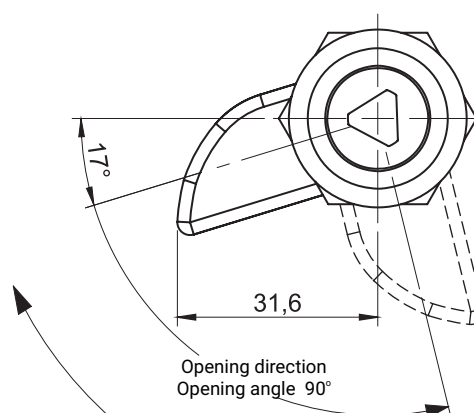
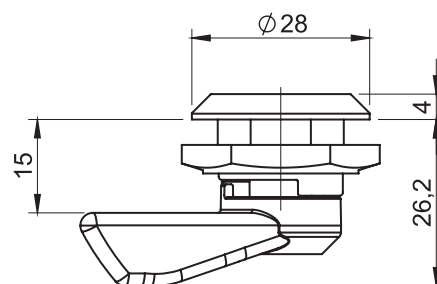
Type of insert

Finish[C]

Cam catalogue number

M22-3 — D5.01 — JZ-3522L

NEW



The lock automatically returns  
to the closed position

| TYPE OF LOCK | INSERT                                                                                    | COMPONENTS                       | MATERIAL | FINISH [C] |
|--------------|-------------------------------------------------------------------------------------------|----------------------------------|----------|------------|
|              |                                                                                           |                                  |          | Chrome     |
| M22-6        | <br>T8 | Housing, Insert,<br>Latching cam | ZAMAK    | 01         |

## How to order:

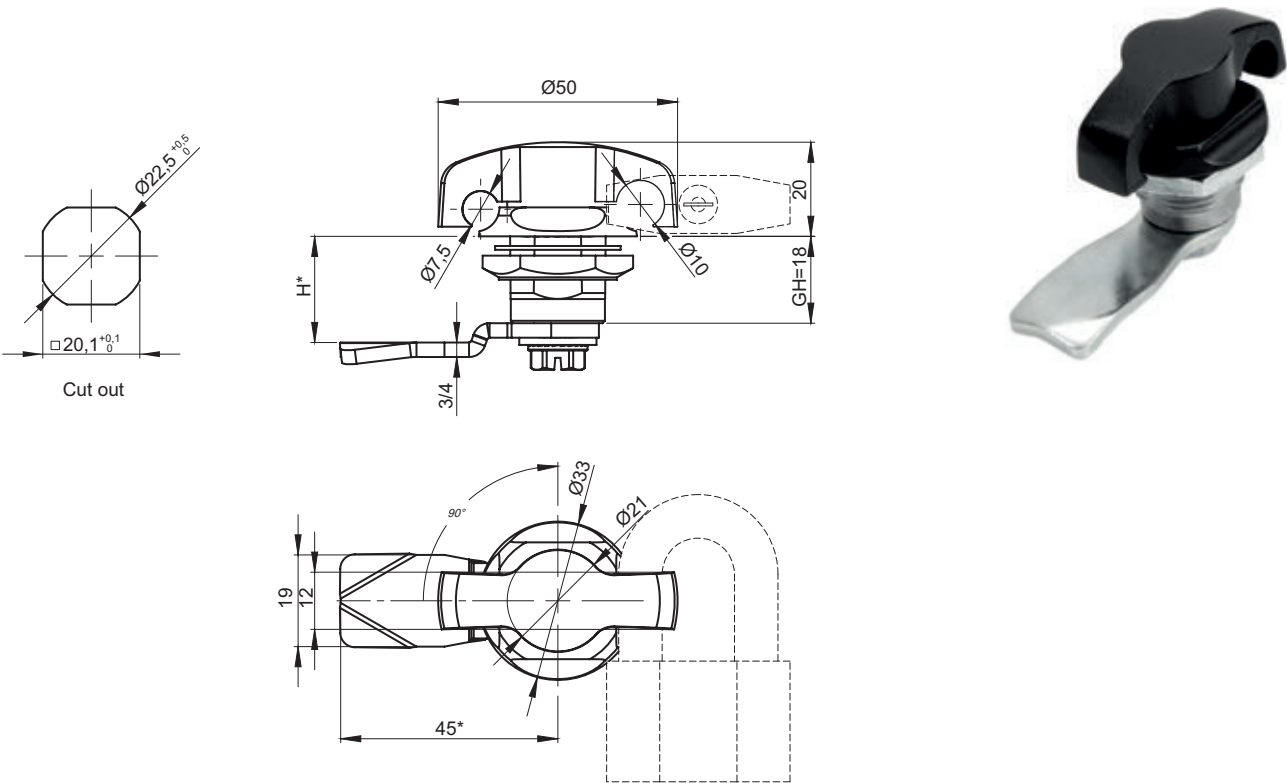
Type of lock

Type of insert

Finish [C]



Lock with padlockable mechanism



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

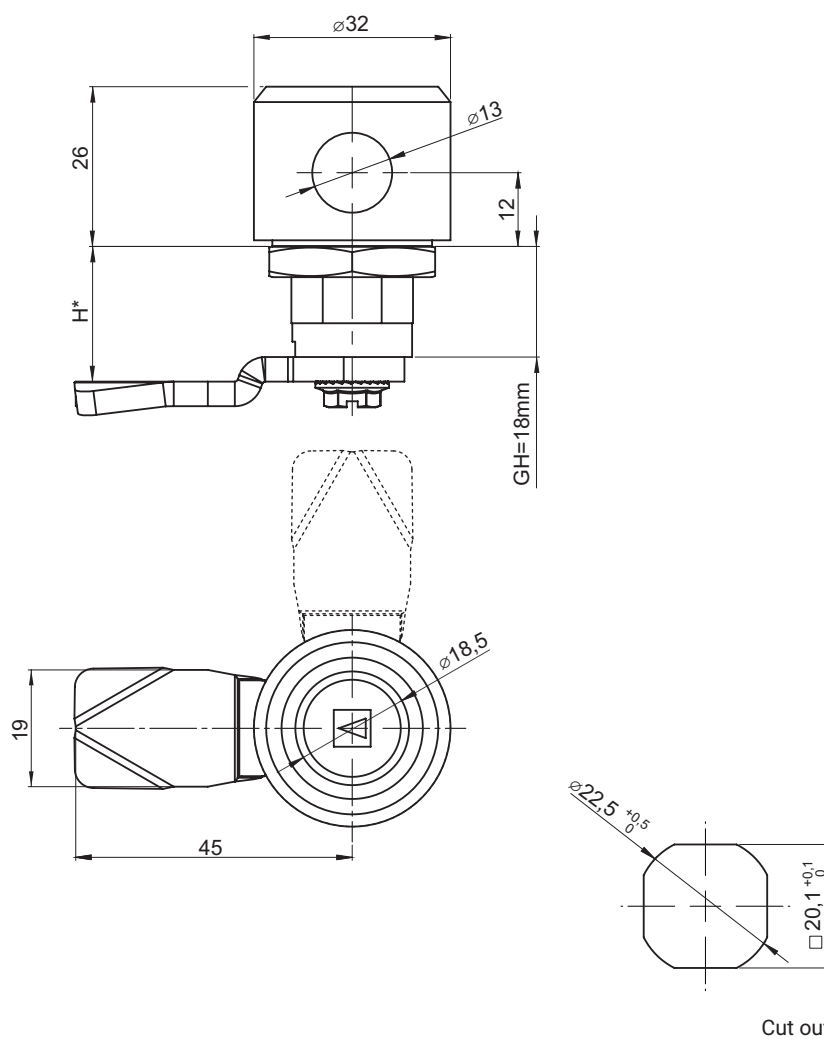
How to order:

|              |         |   |     |   |   |
|--------------|---------|---|-----|---|---|
| Type of lock | M22PM-K | — | H.G | — | C |
| 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



Cut out

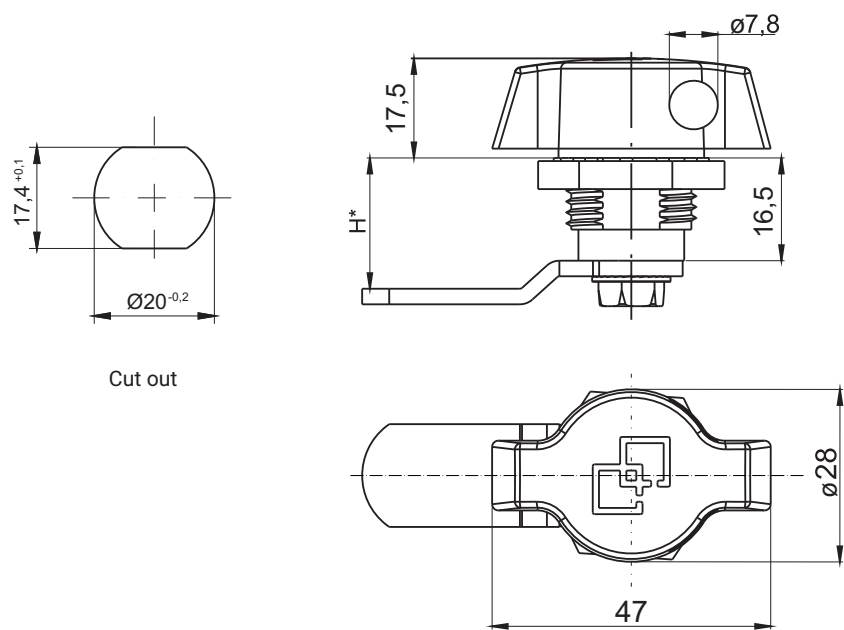
| INSERTS      |                 |                   |            |
|--------------|-----------------|-------------------|------------|
|              |                 |                   |            |
| D5           | KW 6            | T8                |            |
| TYPE OF LOCK | COMPONENTS      | MATERIAL          | FINISH [C] |
|              |                 |                   | RAL 9005   |
| M22BK        | Housing, Insert | ZAMAK             | 04         |
|              | Cam             | Zinc plated steel | -          |

## How to order :

|                |       |   |     |   |      |   |   |
|----------------|-------|---|-----|---|------|---|---|
|                | M22BK | — | KW8 | — | H.G. | — | C |
| Type of lock   |       |   |     |   |      |   |   |
| Type of insert |       |   |     |   |      |   |   |
| Type of cam    |       |   |     |   |      |   |   |
| Finish         |       |   |     |   |      |   |   |

The lock is fitted with cams without the limiter from the group: 15, 19, 35 (pg. 1C-12, 1C-14, 1C-19),  
H.G - the cam unbending dimension (H-locking height, G-group)

Lock with padlockable mechanism

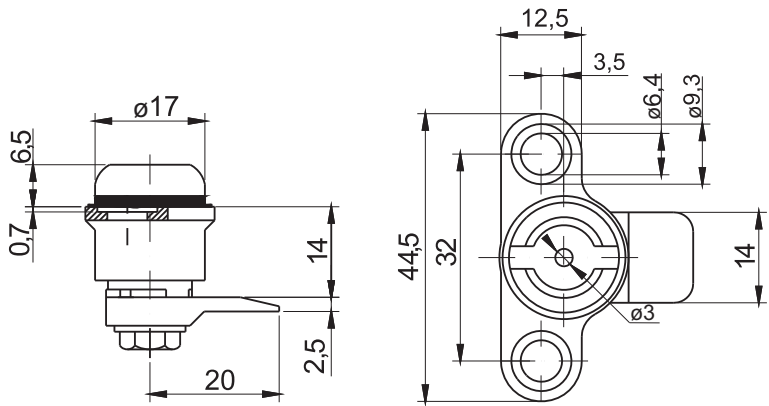


| TYPE OF LOCK | COMPONENTS    | MATERIAL          | FINISH [C] |
|--------------|---------------|-------------------|------------|
|              |               |                   | Chrome     |
| 2.506.001    | Housing, Knob | ZAMAK5            | 01         |
|              | Cam           | Steel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

How to order:

|              |           |   |     |   |   |
|--------------|-----------|---|-----|---|---|
|              | 2.506.001 | — | H.G | — | C |
| Type of lock |           |   |     |   |   |
| Type of cam  |           |   |     |   |   |
| Finish       |           |   |     |   |   |

H.G - the cam unbending dimension (H-locking height, G-group) to be chosen from pages 1C-9 to 1C-22  
The lock is fitted with cams from the group: 15, 16, 35, 36



IP54



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

How to order:

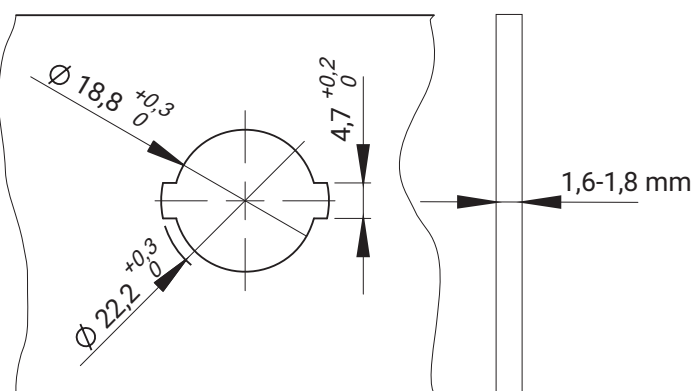
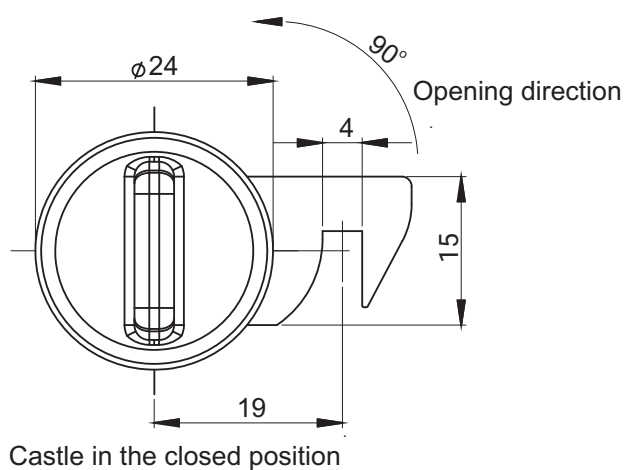
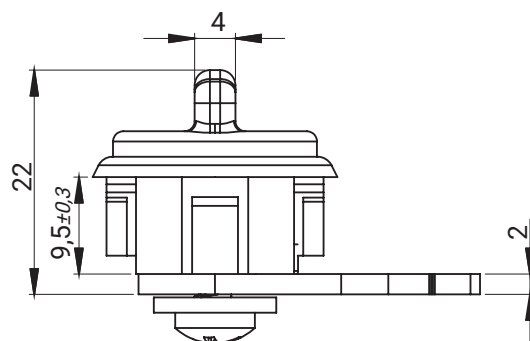
|              |           |   |   |
|--------------|-----------|---|---|
|              | 2.M19.001 | — | C |
| Type of lock |           |   |   |
| Finish       |           |   |   |



Left version  
2.630.001



Right version  
2.630.002



Cut out

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:

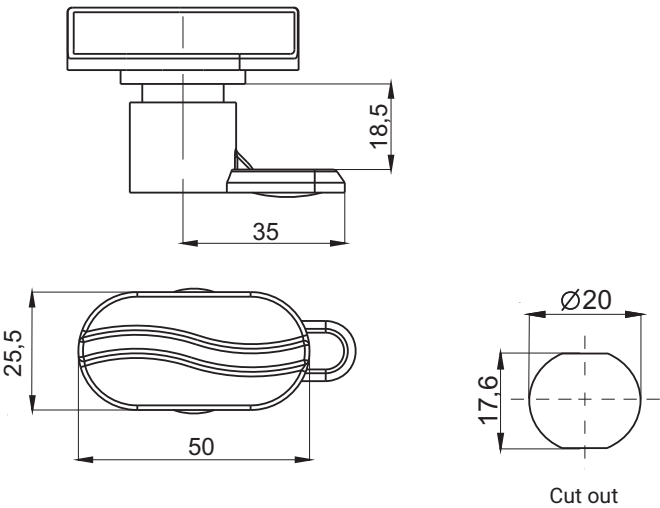
Type of lock

Finish

2.630.001

— C





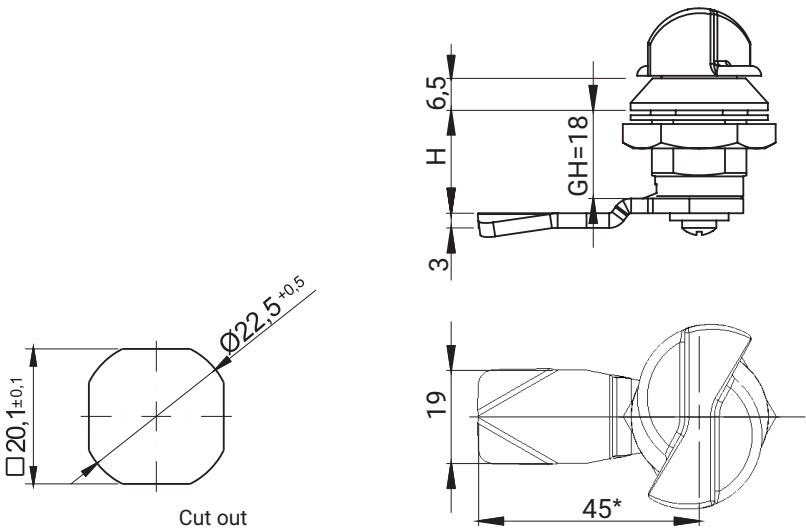
| TYPE OF LOCK | COMPONENTS      | MATERIAL  | FINISH [C] |  |
|--------------|-----------------|-----------|------------|--|
|              |                 |           | RAL 9005   |  |
| 2.603.001    | Housing, insert | Polyamide | 07         |  |

How to order :

Type of lock

Finish

2.603.001 — C



| 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 :

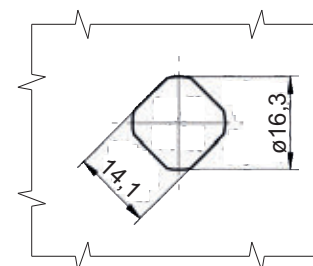
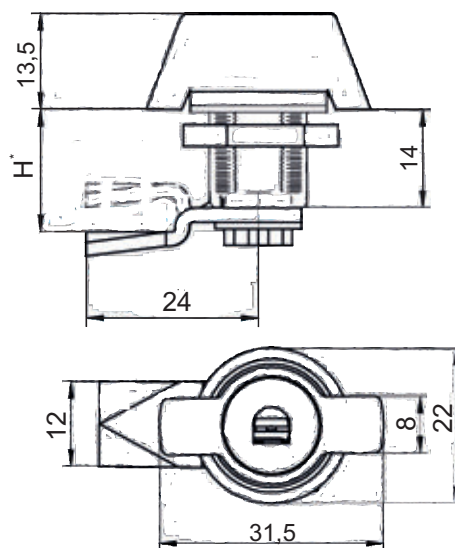
Type of lock

Type of cam (page 1C-9 - 1C-24)

Colour (RAL 9005, RAL 7035)

M22D-M — H.G — C

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

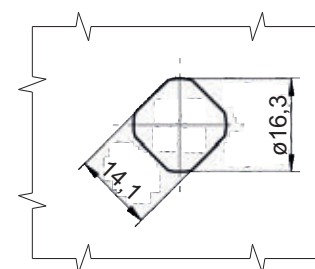
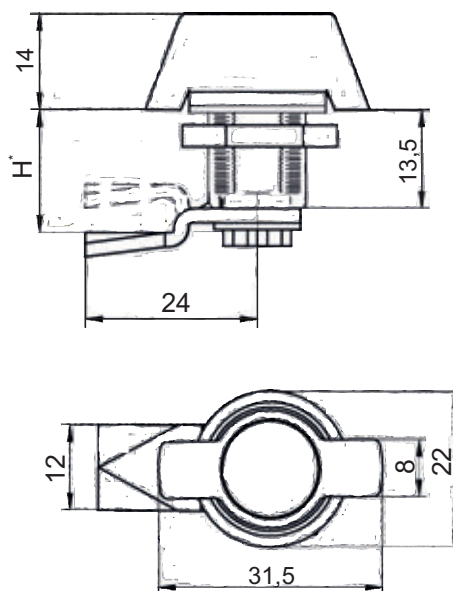


Cut out

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

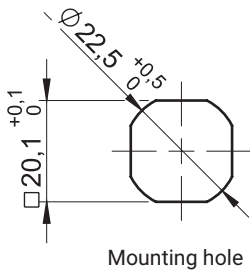
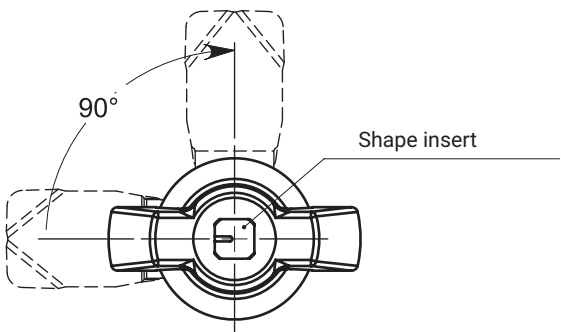
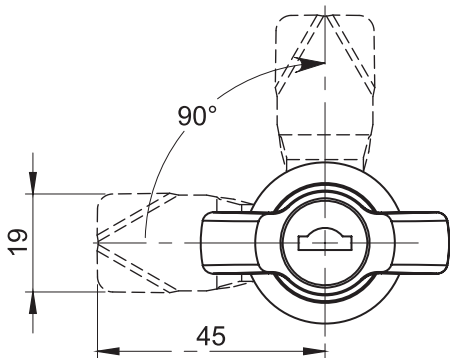
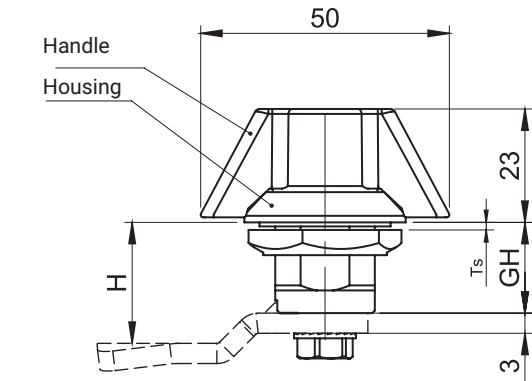
How to order :

Type of lock

The height of cam H

Finish

2.616.002 — H — C



| LOCK WITH METAL BUTTERFLY HANDLE |                  |               |                  |                     |         |
|----------------------------------|------------------|---------------|------------------|---------------------|---------|
| GH VALUE                         | CATALOGUE NUMBER |               |                  | MATERIAL AND FINISH |         |
|                                  | Cylinder 1333    | Cylinder - RK | Without cylinder | Handle              | Housing |
|                                  |                  |               |                  | ZAMAK               |         |
| <b>GH=18</b><br>Tsmax-8          | 2.PM18.002       | 2.PM18.004    | 2.PM18.006       | RAL9005             |         |
|                                  | 2.PM18.001       | 2.PM18.003    | 2.PM18.005       | Chrom               |         |
| <b>GH=30</b><br>Tsmax-18         | 2.PM30.002       | 2.PM30.004    | 2.PM30.006       | RAL9005             |         |
|                                  | 2.PM30.001       | 2.PM30.003    | 2.PM30.005       | Chrom               |         |
| <b>GH=40</b><br>Tsmax-28         | 2.PM40.002       | 2.PM40.004    | 2.PM40.006       | RAL9005             |         |
|                                  | 2.PM40.001       | 2.PM40.003    | 2.PM40.005       | Chrom               |         |
| <b>GH=60</b><br>Tsmax-48         | 2.PM60.002       | 2.PM60.004    | 2.PM60.006       | RAL9005             |         |
|                                  | 2.PM60.001       | 2.PM60.003    | 2.PM60.005       | Chrom               |         |

| LOCK WITH POLYAMIDE BUTTERFLY HANDLE |                  |               |                  |            |         |
|--------------------------------------|------------------|---------------|------------------|------------|---------|
| GH VALUE                             | CATALOGUE NUMBER |               |                  | FINISH [C] |         |
|                                      | Cylinder 1333    | Cylinder - RK | Without cylinder | Handle     | Housing |
|                                      |                  |               |                  | Poliamid*  | ZAMAK   |
| <b>GH=18</b><br>Tsmax-8              | 2.PMPA18.002     | 2.PMPA18.004  | 2.PMPA18.006     | RAL9005    | RAL9005 |
|                                      | 2.PMPA18.001     | 2.PMPA18.003  | 2.PMPA18.005     |            | Chrome  |
| <b>GH=30</b><br>Tsmax-18             | 2.PMPA30.002     | 2.PMPA30.004  | 2.PMPA30.006     |            | RAL9005 |
|                                      | 2.PMPA30.001     | 2.PMPA30.003  | 2.PMPA30.005     |            | Chrome  |
| <b>GH=40</b><br>Tsmax-28             | 2.PMPA40.002     | 2.PMPA40.004  | 2.PMPA40.006     |            | RAL9005 |
|                                      | 2.PMPA40.001     | 2.PMPA40.003  | 2.PMPA40.005     |            | Chrome  |
| <b>GH=60</b><br>Tsmax-48             | 2.PMPA60.002     | 2.PMPA60.004  | 2.PMPA60.006     |            | RAL9005 |
|                                      | 2.PMPA60.001     | 2.PMPA60.003  | 2.PMPA60.005     |            | Chrome  |

| METAL LOCK WITH BUTTERFLY HANDLE WITH SHAPED INSERT |                   |                  |                     |         |        |
|-----------------------------------------------------|-------------------|------------------|---------------------|---------|--------|
| GH VALUE                                            | CATALOGUE NUMBER  |                  | MATERIAL AND FINISH |         |        |
|                                                     | Shape insert KW8  | Shape insert T8  | Handle              | Housing | Insert |
|                                                     |                   |                  | ZAMAK               |         | Steel  |
| <b>GH=18</b><br>Tsmax-8                             | <b>2.PM18-KW8</b> | <b>2.PM18-T8</b> | RAL9005             |         |        |

**How to order:**

Catalogue number

Type of cam

2.PM18.002 — H.G

where:

**H.G:****H** - height locking**G** - cams range

Ts - Thickness door

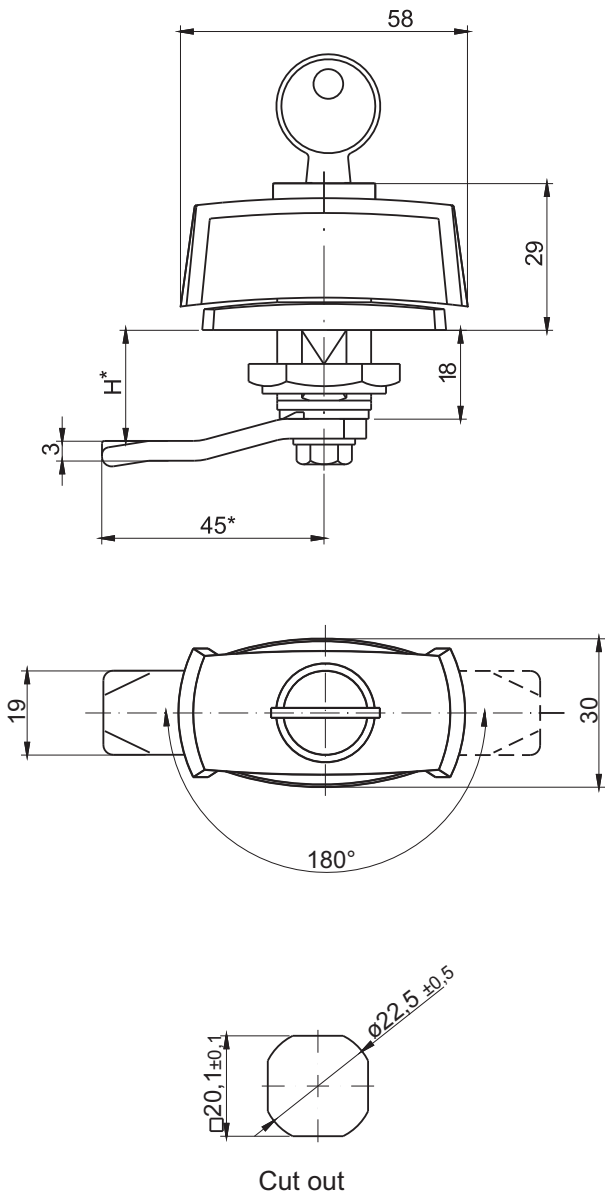
Lock is compatible with all cams from range:: 11, 12, 13, 14, 18, 31, 32, 34, 38, JK-1610.01

Each lock with a cylinder is supplied with two keys.

\* The 2.PMPA lock handle is a two-component, injection-moulded plastic on an internal element made of metal (ZAMAK).

Lock with a butterfly handle and shaped insert. 2.PM18-KW8(T8) allows emergency opening by means of a handle.

The KW8 or T8 key is used to open the standard butterfly lock, which can be operated as a standard.



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

**How to order:**

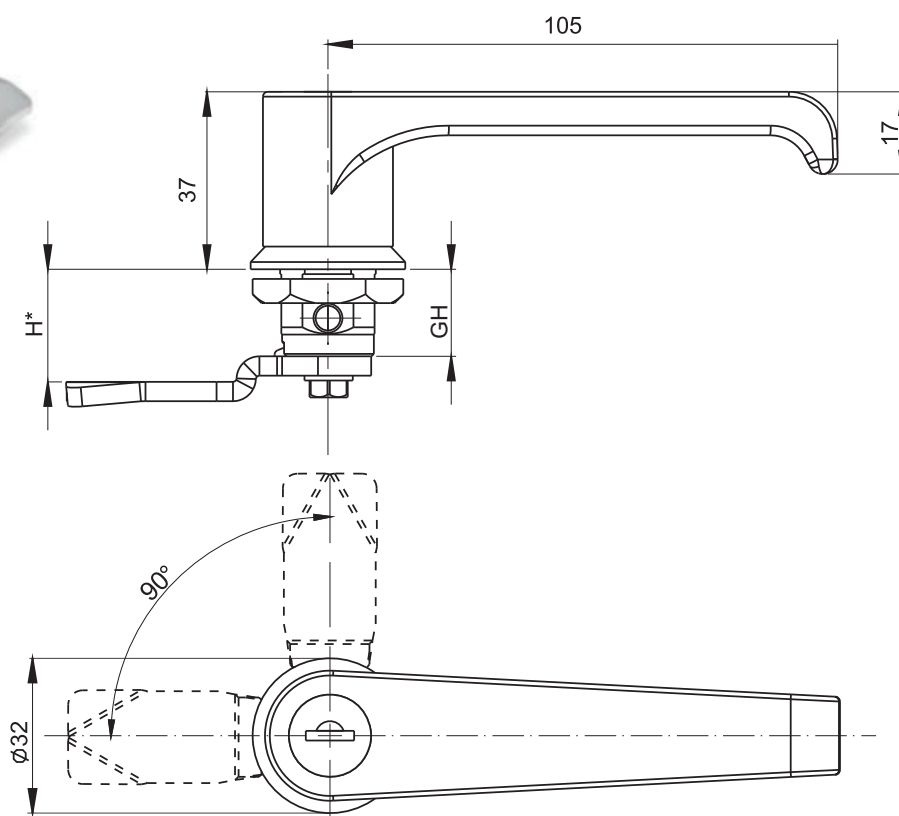
Type of lock \_\_\_\_\_ RW300 — H.G — 1333 — C

Height cam H (str. 1C-9 - 1C-22) \_\_\_\_\_

Key code \_\_\_\_\_

Finish [C] \_\_\_\_\_

\* 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

Height cam H ( 1C-9 - 1C-22)

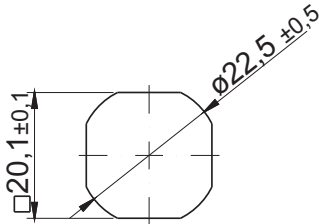
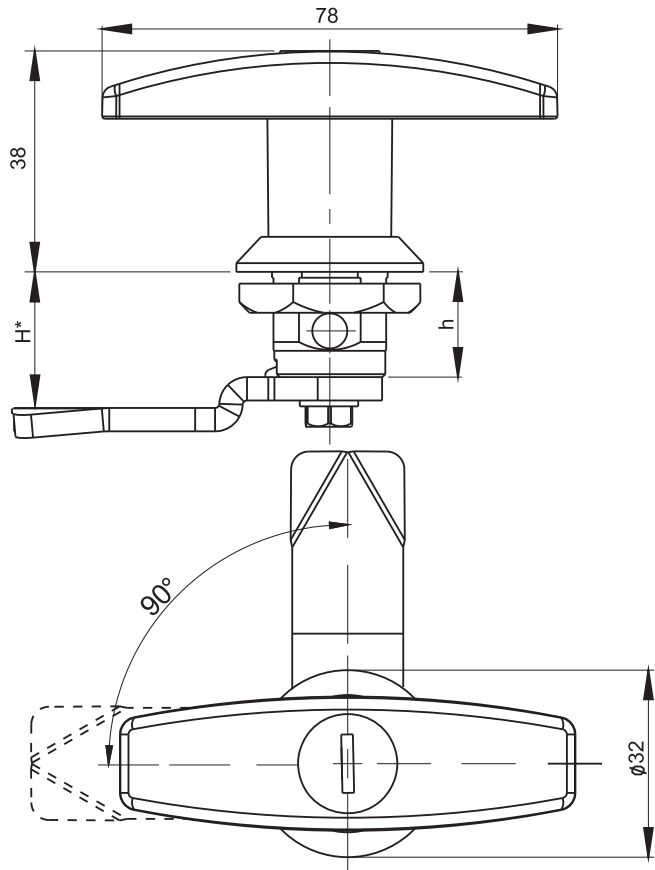
2.L30.003

H.G

\* 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-9 - 1C-22)



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 :

Catalogue number

Height cam H ( 1C-9 - 1C-22)

2.T30.003

H.G

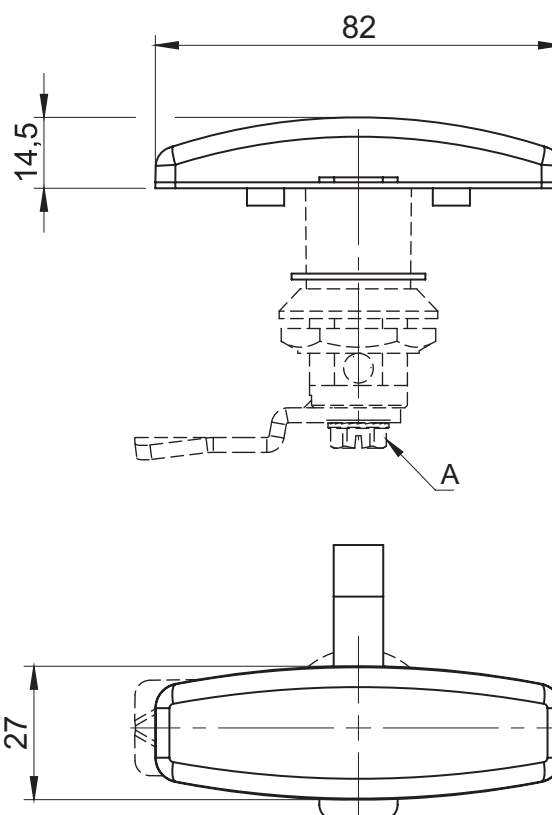
\* possibility to order in another dimension

\*\* 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-9 - 1C-22)

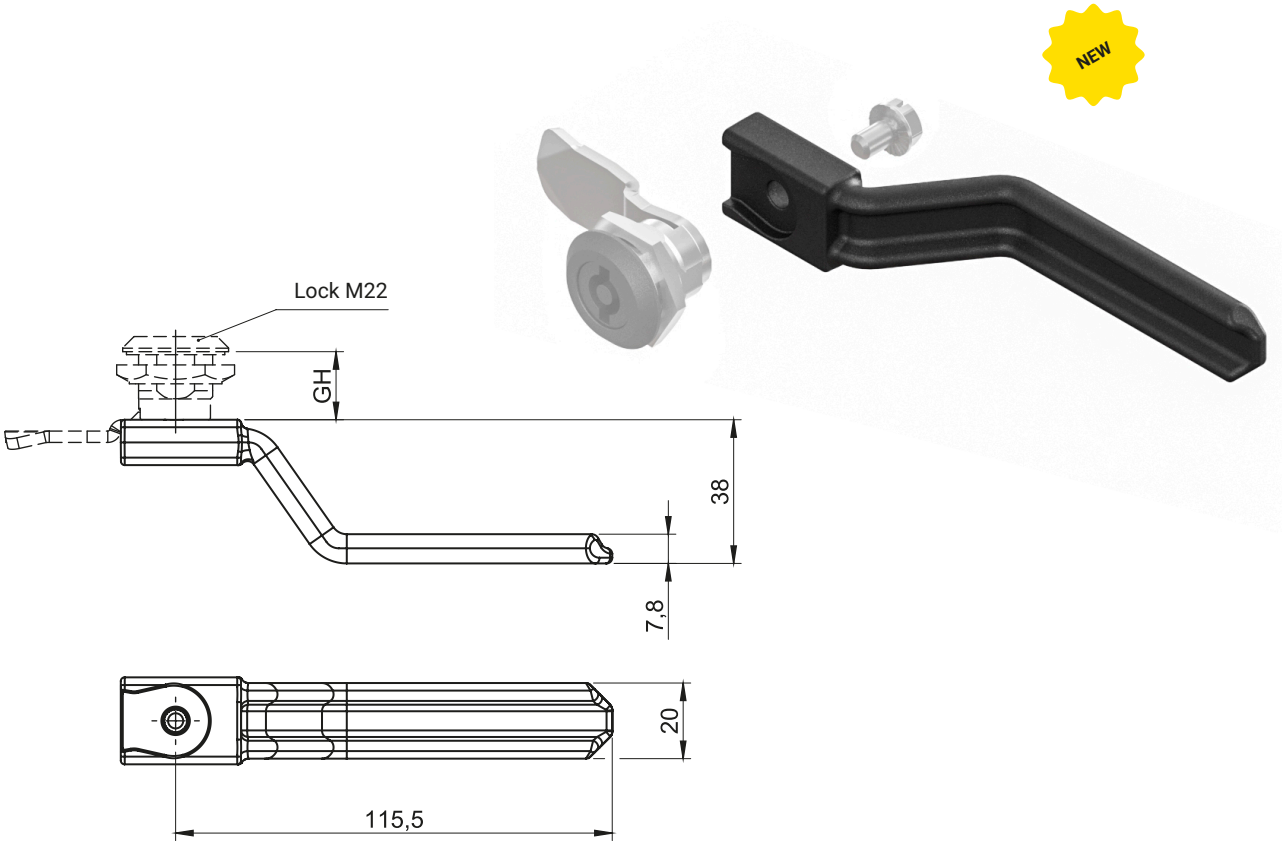


NEW



In order to mount the dust cover on the T-handle lock, remove the knob from the lock body by unscrewing the screw (A), then pass the cover through the lock pivot. In order to disassemble repeat in reverse order.

| CATALOGUE NO. | COMPATIBLE LOCKS | MATERIAL        | FINISH [C] |
|---------------|------------------|-----------------|------------|
|               |                  |                 | RAL 9005   |
| 2.904.010     | 2.T              | Elastic Polymer | 07         |
|               | 1B.RW510         |                 |            |



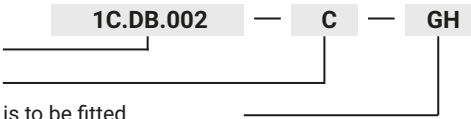
| CATALOGUE NUMBER | COMPONENTS                                                  | FINISH [C] |          | LOCK<br>GH VALUE |
|------------------|-------------------------------------------------------------|------------|----------|------------------|
|                  |                                                             | RAL 9005   | RAL 7035 |                  |
| 1C.DB.002        | Internal handle<br>(Polyamide PA6 GF30)<br>Galvanized screw | 07         | 08       | 18               |
|                  |                                                             |            |          | 30               |
|                  |                                                             |            |          | 40               |
|                  |                                                             |            |          | 60               |

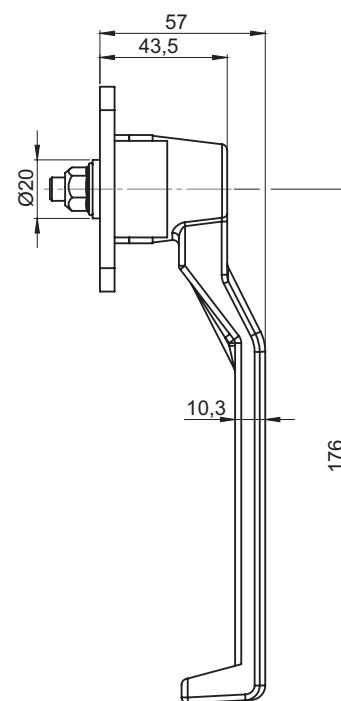
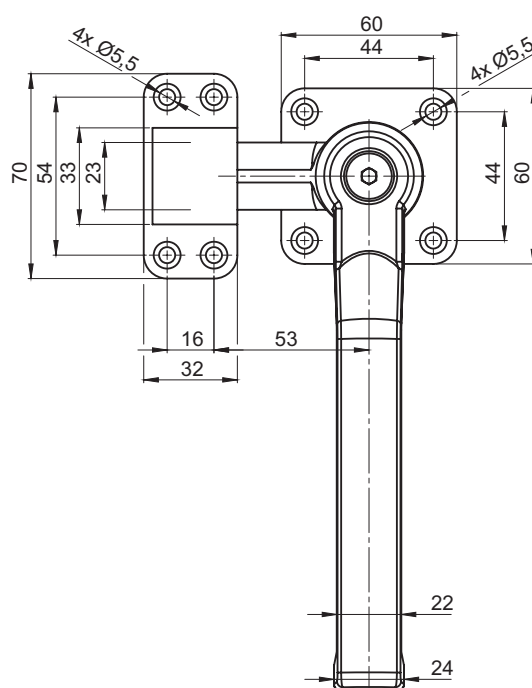
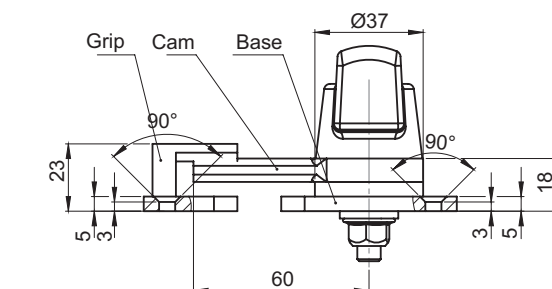
How to order:

Catalogue number

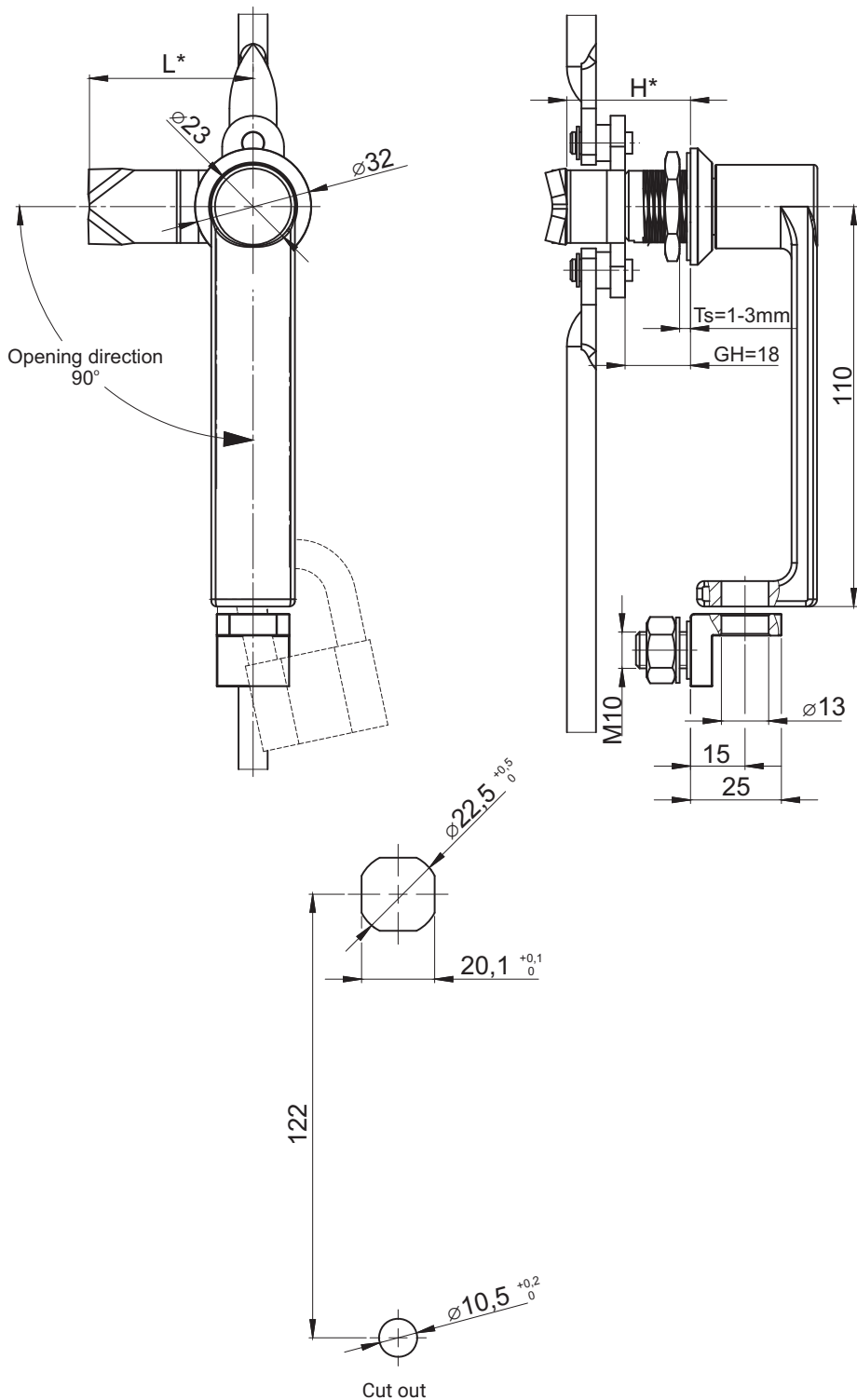
Finish

Height GH of the lock to which the handle is to be fitted



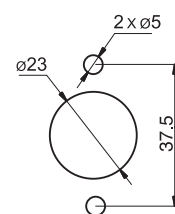
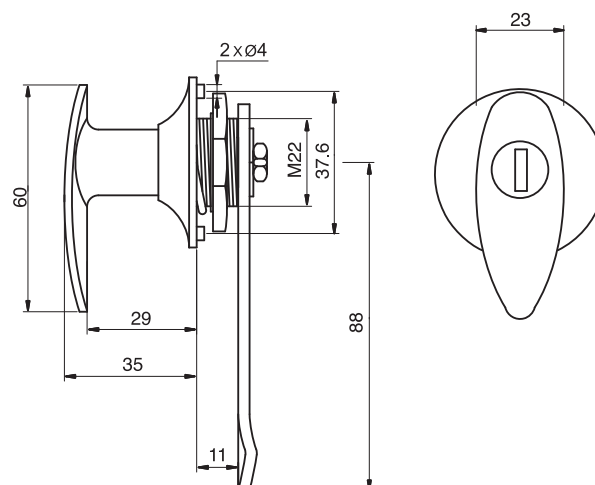


| TYPE OF LOCK | COMPONENTS      | MATERIAL          | FINISH [C] |
|--------------|-----------------|-------------------|------------|
|              |                 |                   | RAL 9005   |
| 2.800.001    | Handle          | Aluminium         | 04         |
|              | Cam, Base, Grip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



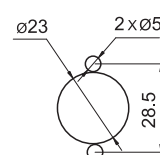
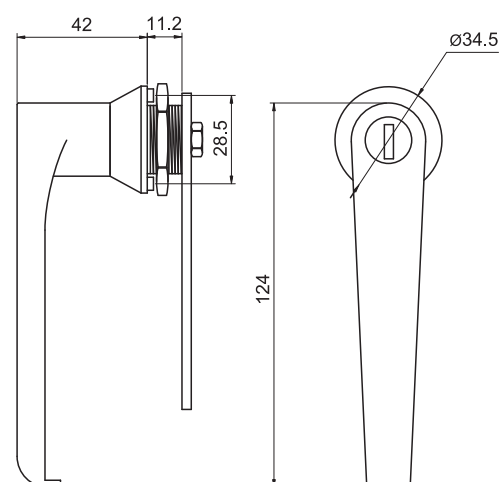
The lock fitted to cams with fasteners form the group: 12, 32, (pg. 1C-10, 1C-17)  
Rods page 1C-4, 1C-5,  
**Ts** - thickness of a metal sheet

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



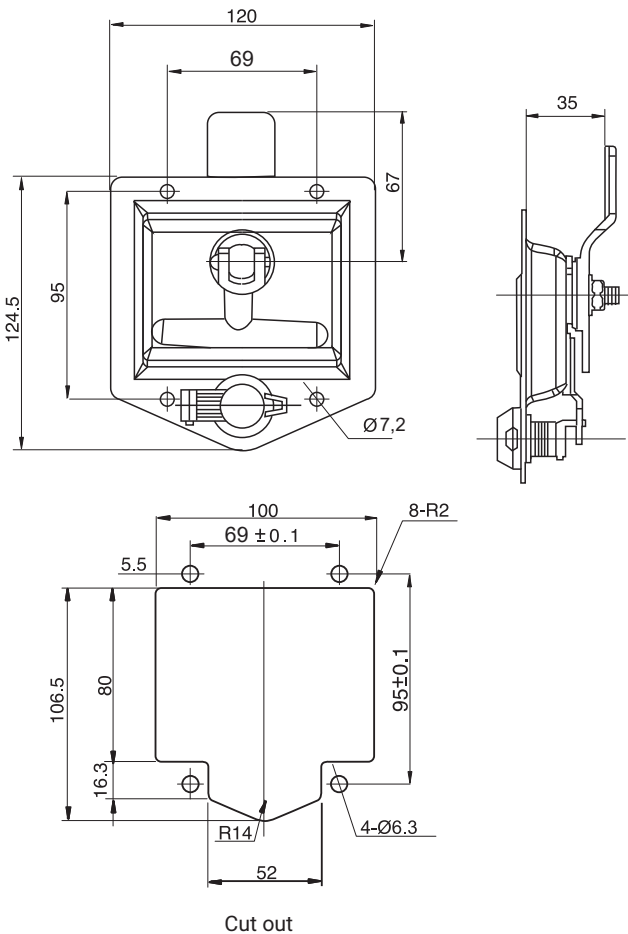
Cut out

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

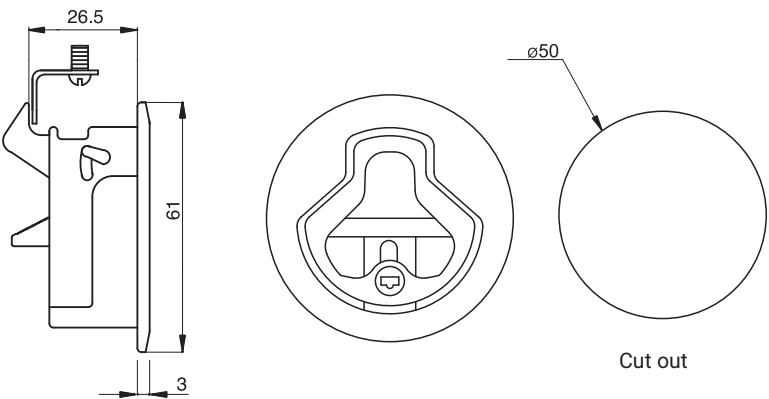


Cut out

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

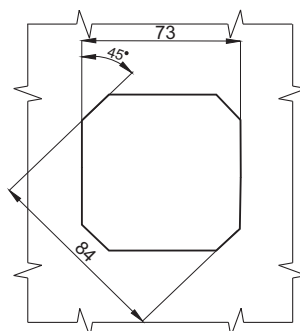
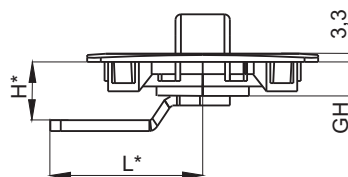


| TYPE OF LOCK | COMPONENTS | MATERIAL        |
|--------------|------------|-----------------|
| 2.526.001    | Housing    | Stainless steel |
|              | Blocade    | ZAMAK5          |

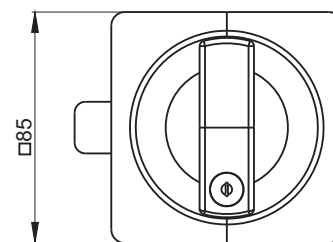


Note:  
Includes 1 pair of keys  
Lock sold with cylinder

| TYPE OF LOCK | COMPONENTS | MATERIAL        |
|--------------|------------|-----------------|
| 2.544.001    | Housing    | Stainless steel |
|              | Handle     |                 |



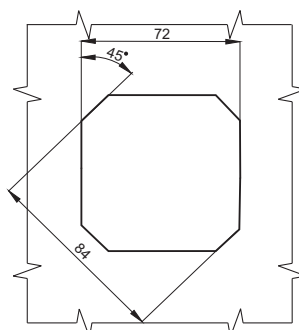
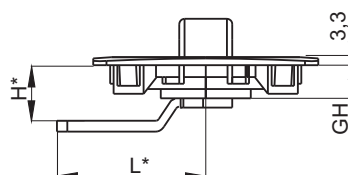
Cut out



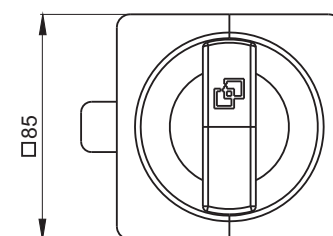
| H       | Cam<br>1 pkt | Cam<br>2 pkt | Cam<br>3 pkt |
|---------|--------------|--------------|--------------|
| GH=12,5 |              |              |              |
| 2       | 601          | 625          | 631          |
| 3,5     | 602          |              | 632          |
| 6,5     | 603          |              | 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



| H       | CAM<br>1 PKT | CAM<br>2 PKT | CAM<br>3 PKT |
|---------|--------------|--------------|--------------|
| 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

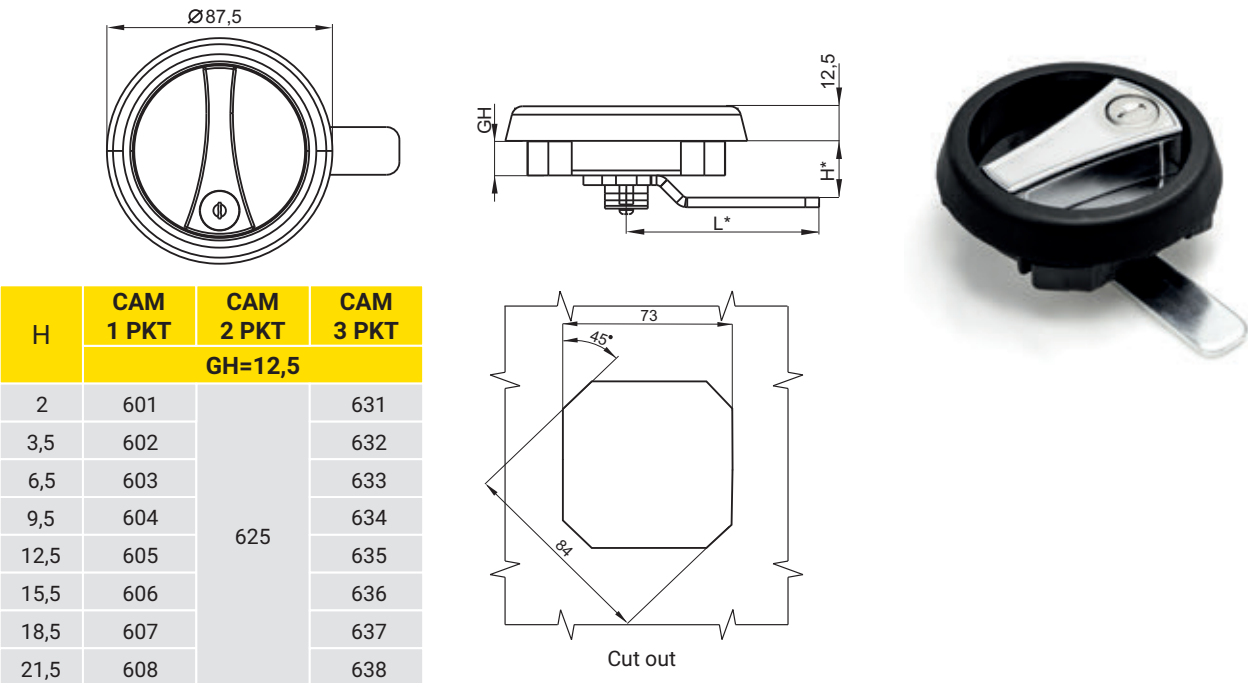
2.609.001 — 601 — C

2A-81

| Locks

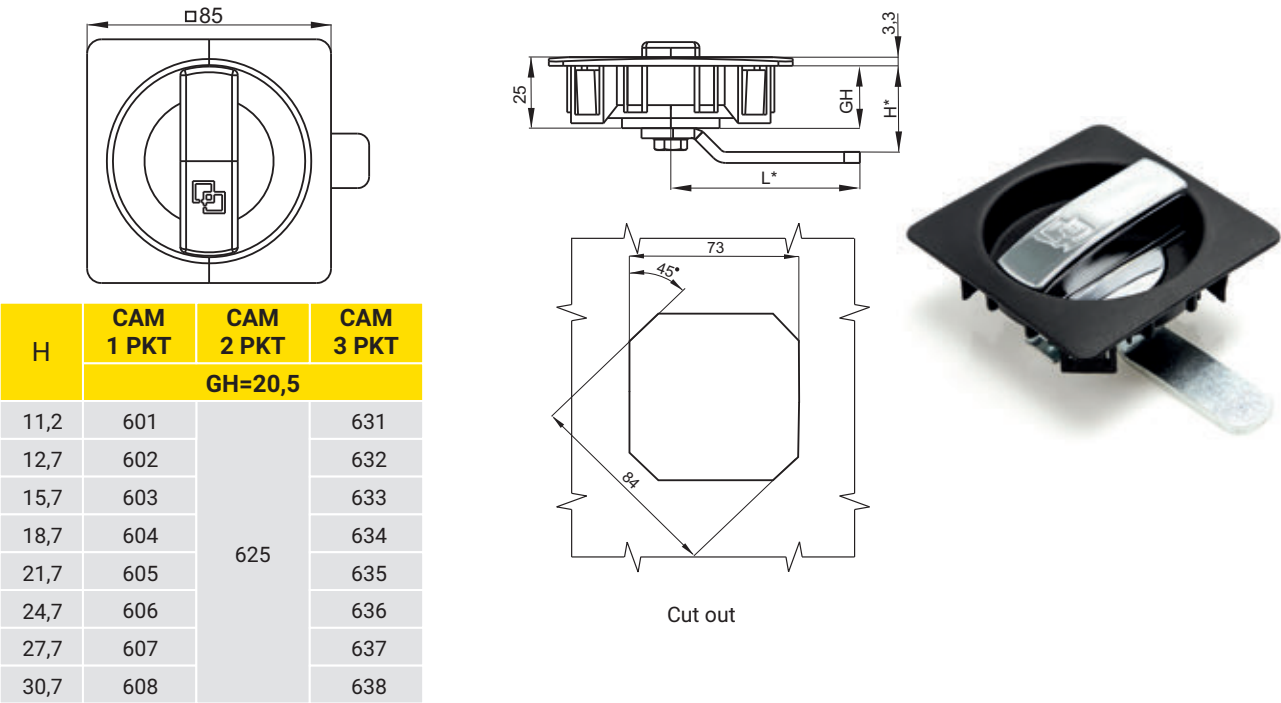
www.roztocze.eu





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 | -          | -        |



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

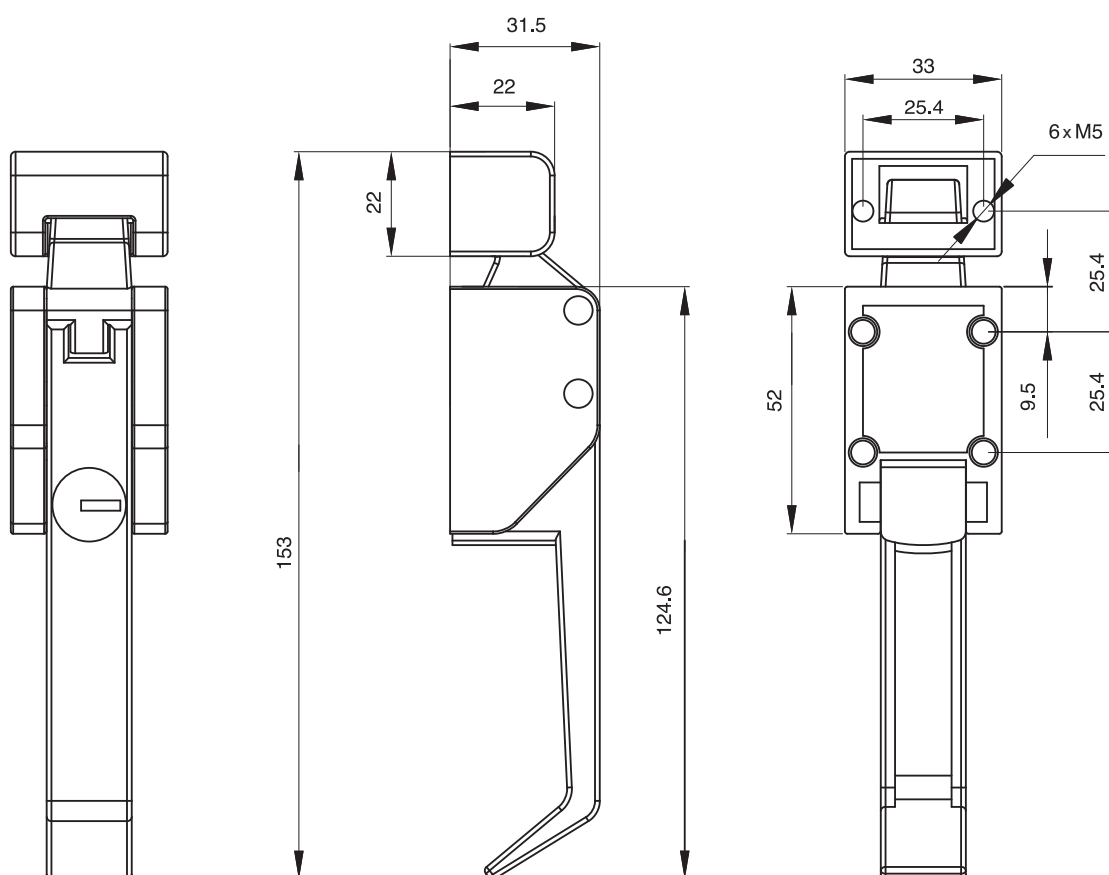
How to order : 2.606.001 — 601 — C  
Type of lock  
Type of cam  
Finish



2.533.101

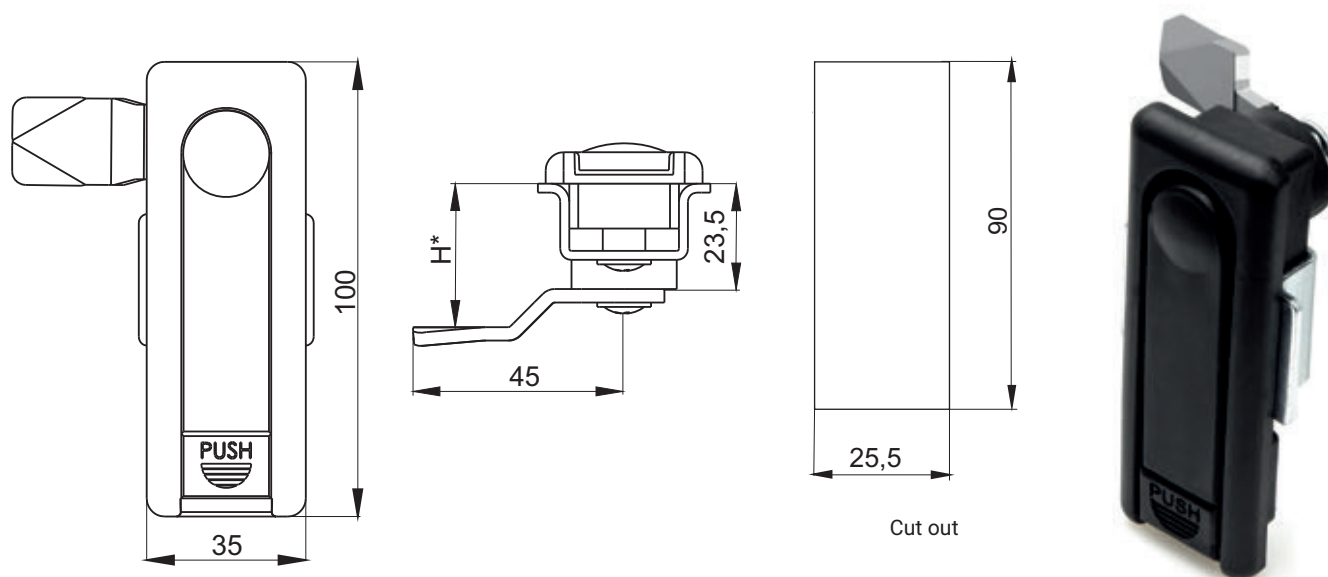


2.533.001



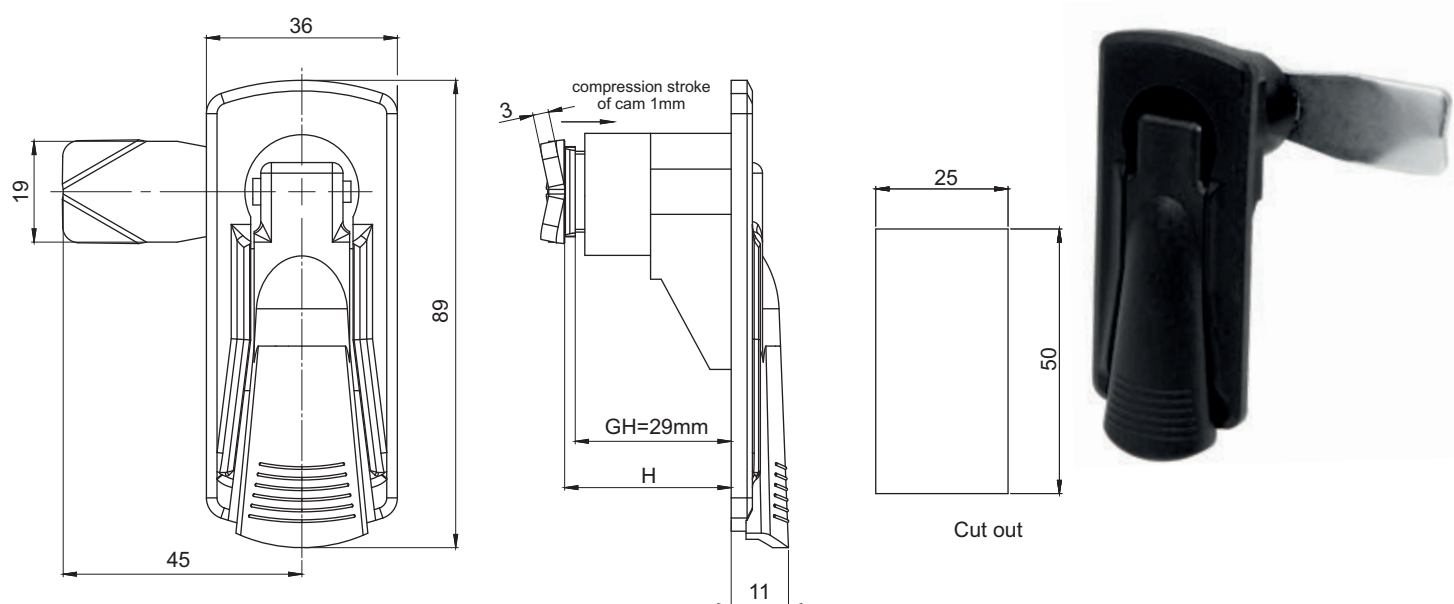
| TYPE OF LOCK | COMPONENTS | MATERIAL | FINISH [C] |
|--------------|------------|----------|------------|
|              |            |          | RAL 9005   |
| 2.533.001    | Housing    | ZAMAK 5  | 04         |
| 2.533.101*   |            |          |            |

\* 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 :**

Type of lock

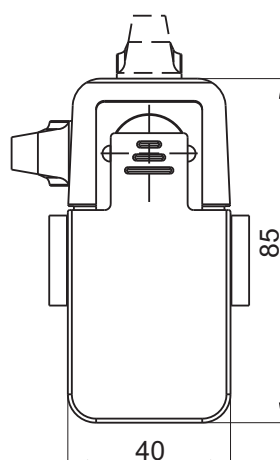
The height of cam  $H=21, 25, 29, 33, 37$

## Finish

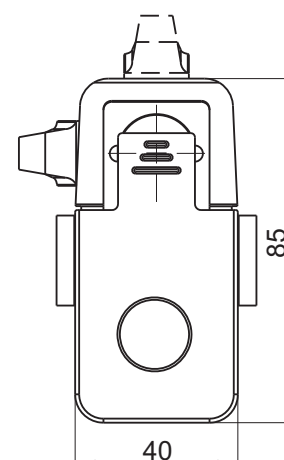
The lock has the stroke of the cam offsetting the clearance.

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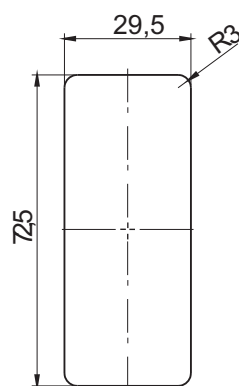
Locks |



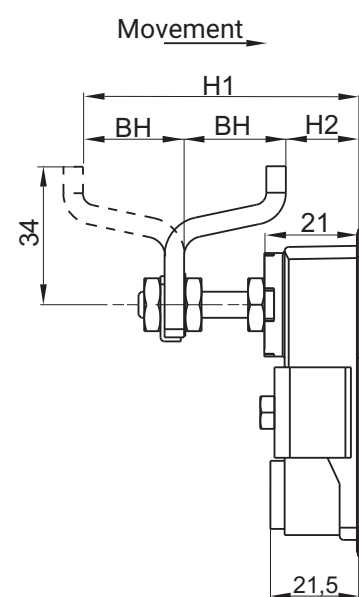
2.613.00.000



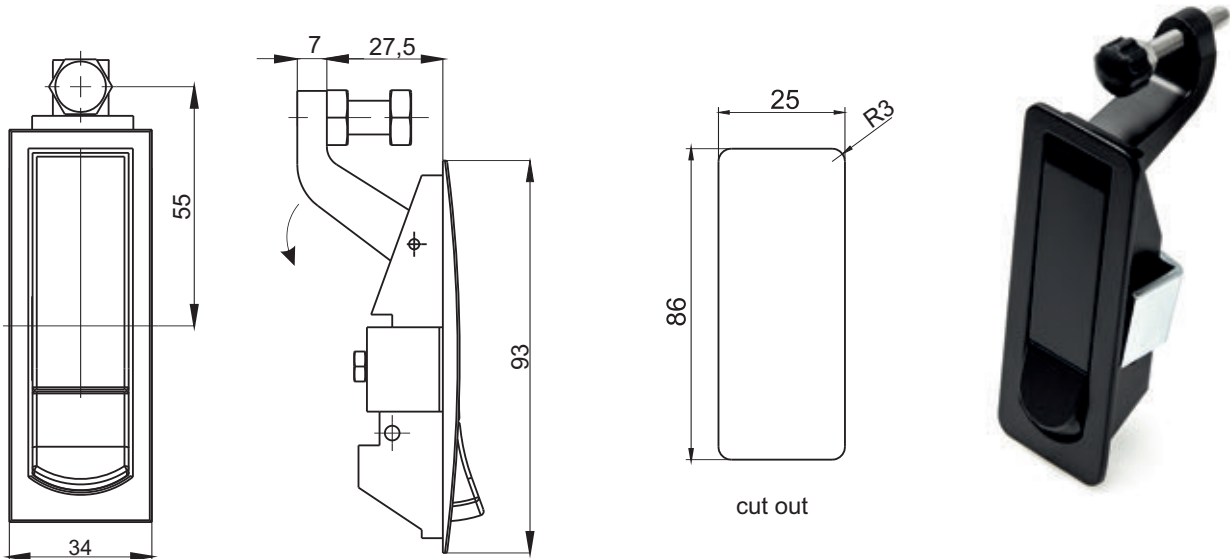
2.613.11.000



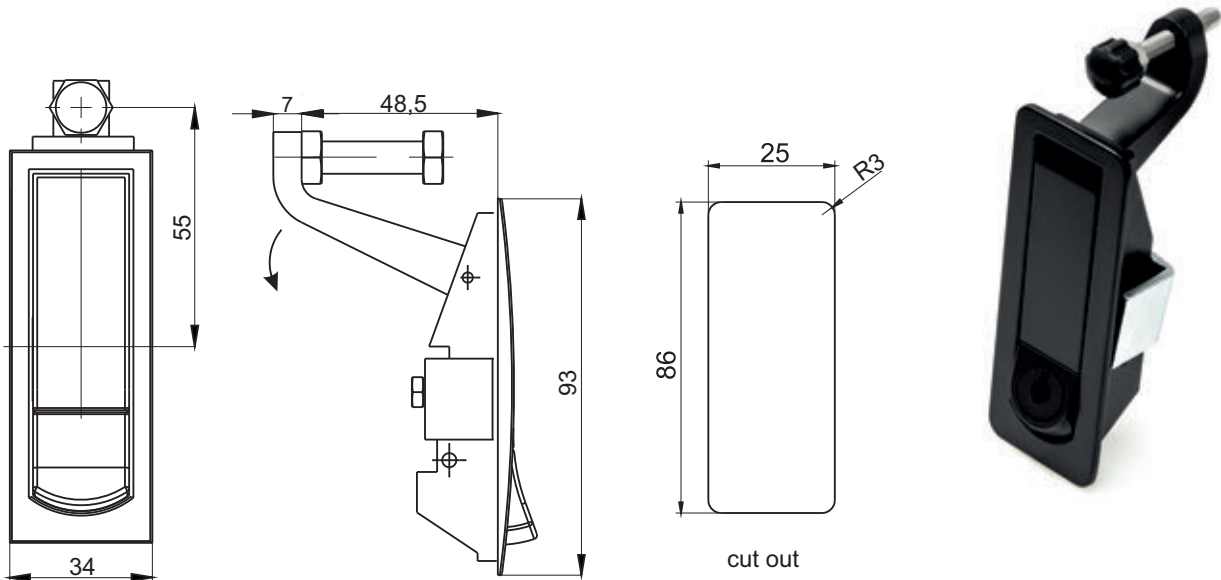
Cut out



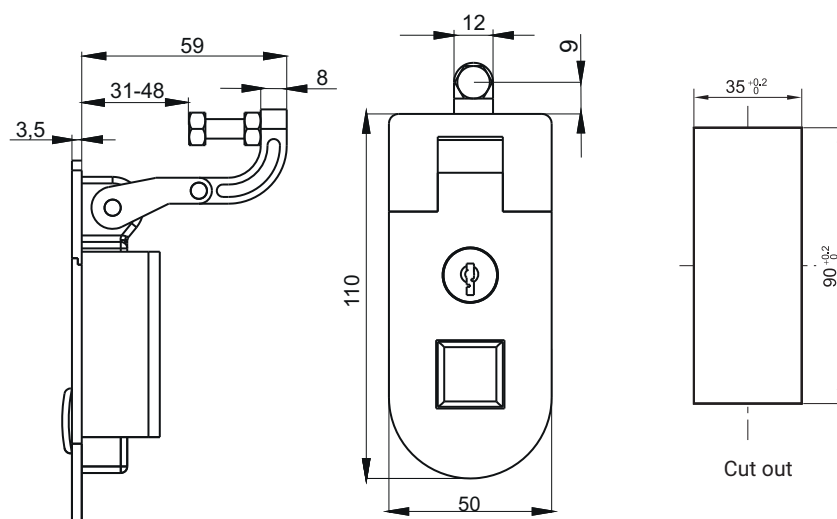
| TYPE OF CYLINDER | CATALOGUE NUMBER |    |              |                   | THE RANGE OF CAM |       |
|------------------|------------------|----|--------------|-------------------|------------------|-------|
|                  | RAL 9005         | 04 | Chrome       | 01                | H2               | 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 |                  |       |



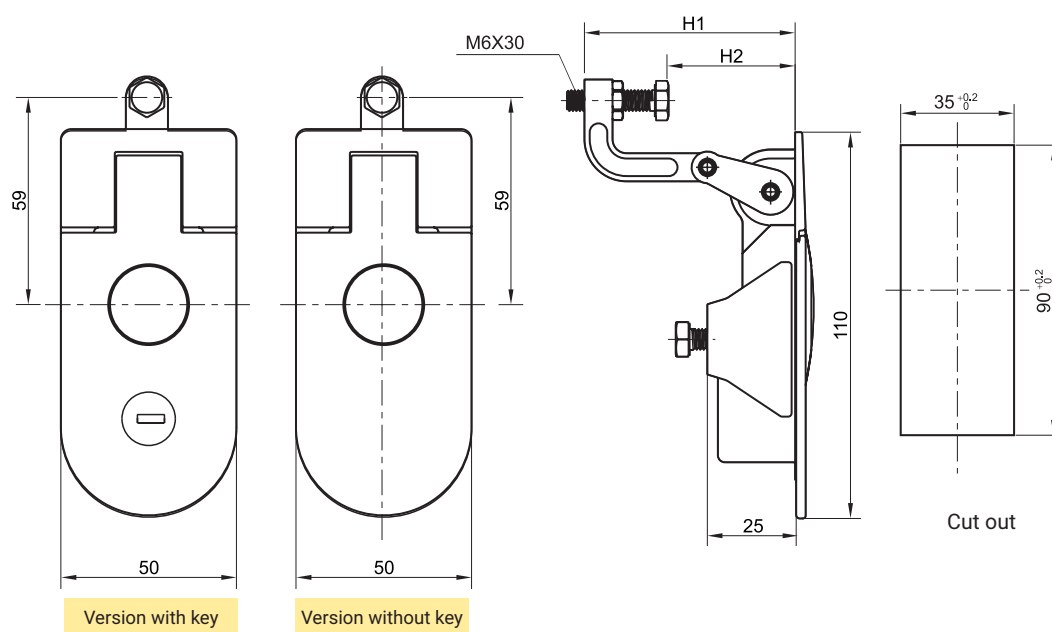
| CATALOGUE NUMBER | TYPE OF LOCK     | COMPONENTS | MATERIAL | FINISH [C] |          |
|------------------|------------------|------------|----------|------------|----------|
|                  |                  |            |          | Chrome     | RAL 9005 |
| 2.615.146.10     | With cylinder  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



| 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 |            |          | -          | 04       |
| 2.615.124.30     | With cylinder    | Housing    | ZAMAK 5  | 01         | -        |
| 2.615.324.30     | Without cylinder |            |          | 01         | -        |



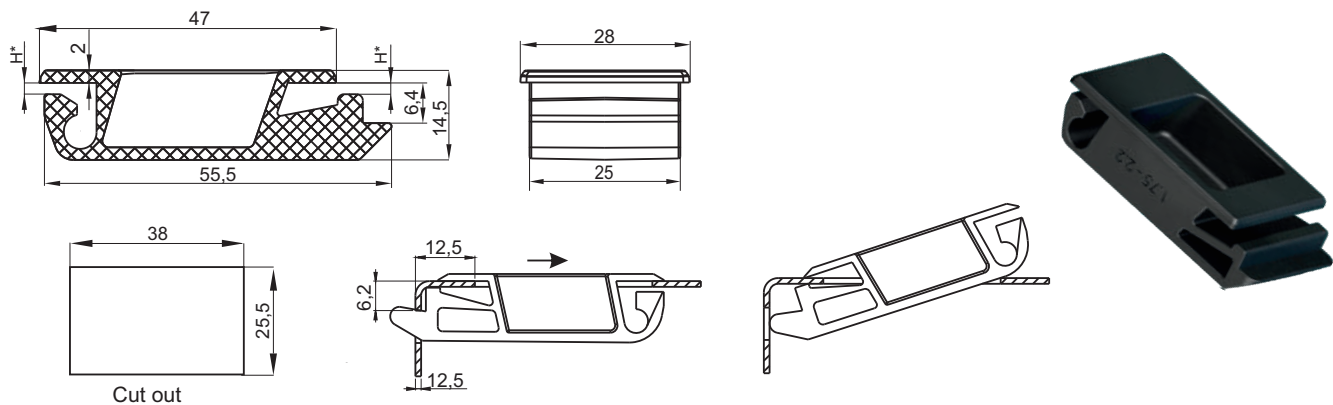
| TYPE OF LOCK | COMPONENTS      | MATERIAL | FINISH [C] |
|--------------|-----------------|----------|------------|
|              |                 |          | RAL 9005   |
| 2.601.001    | Housing, Handle | ZAMAK5   | 04         |



| TYPE OF LOCK<br>with key | TYPE OF LOCK<br>without key | DIMENSION |       | COMPONENTS         | MATERIAL | FINISH [C] |
|--------------------------|-----------------------------|-----------|-------|--------------------|----------|------------|
|                          |                             | H1        | H2    |                    |          | RAL 9005   |
| 2.601.101                | 2.601.201                   | 29        | 0-15  | Housing,<br>Handle | ZAMAK5   | 04         |
| 2.601.102                | 2.601.202                   | 60        | 30-45 |                    |          |            |
| 2.601.103                | 2.601.203                   | 43        | 15-30 |                    |          |            |
| 2.601.104                | 2.601.204                   | 75        | 45-60 |                    |          |            |

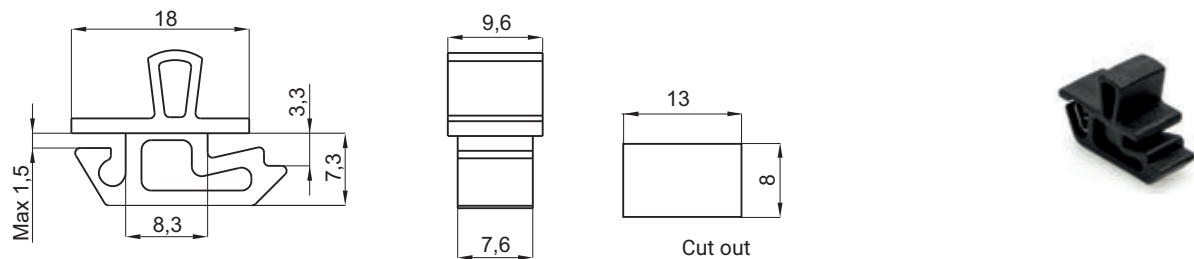
**How to order:**  
Type of lock  
Dimension **H1**  
Finish **[C]**

2.601.101 — 29 — 04



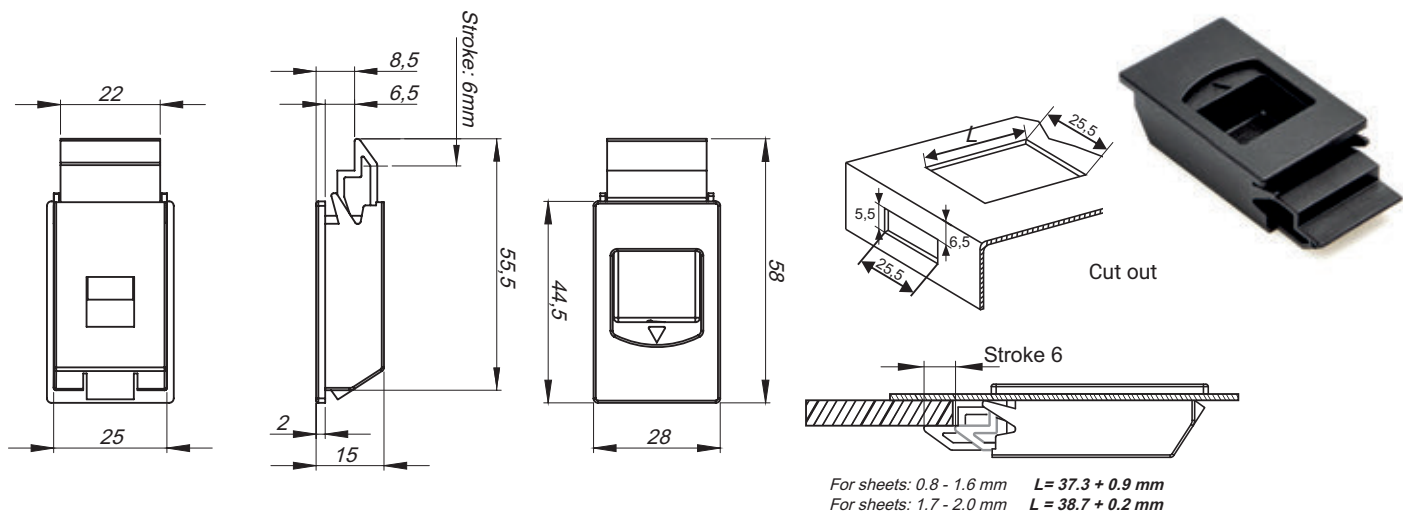
Closing snap :  
-5.509.001A dedicated to sheet thickness 1,2 mm-1,6 mm  
-5.509.001B dedicated to sheet thickness 1,75 mm-2,2 mm

| TYPE OF LOCK | DIMENSION [H] | FINISH & MATERIAL [C] |               |
|--------------|---------------|-----------------------|---------------|
|              |               | RAL9005 - ABS         | RAL7035 - PA6 |
| 2.509.001A   | 1,8           | 07                    | 08            |
| 2.509.001B   | 2,5           |                       |               |



Closing snap:  
-5.509.002 dedicated to sheet thickness 1 mm - 1,5 mm

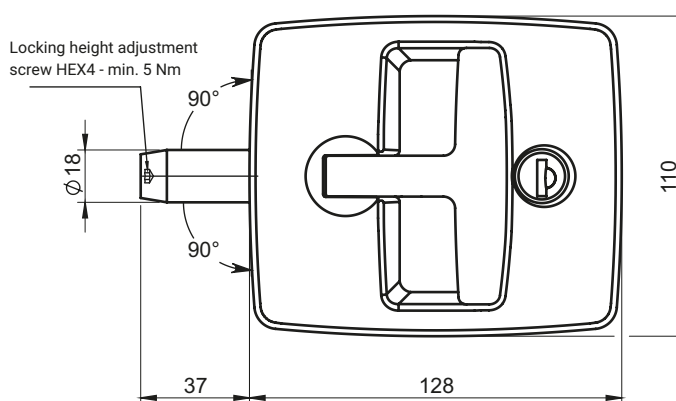
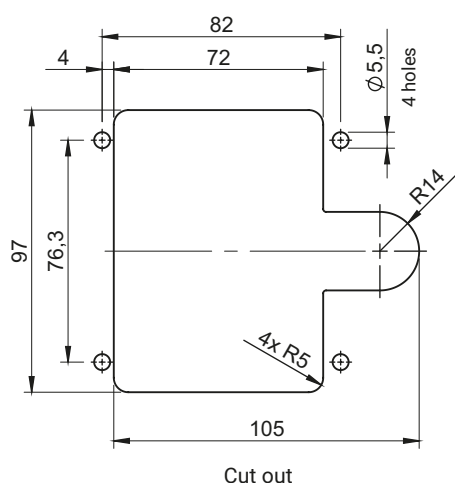
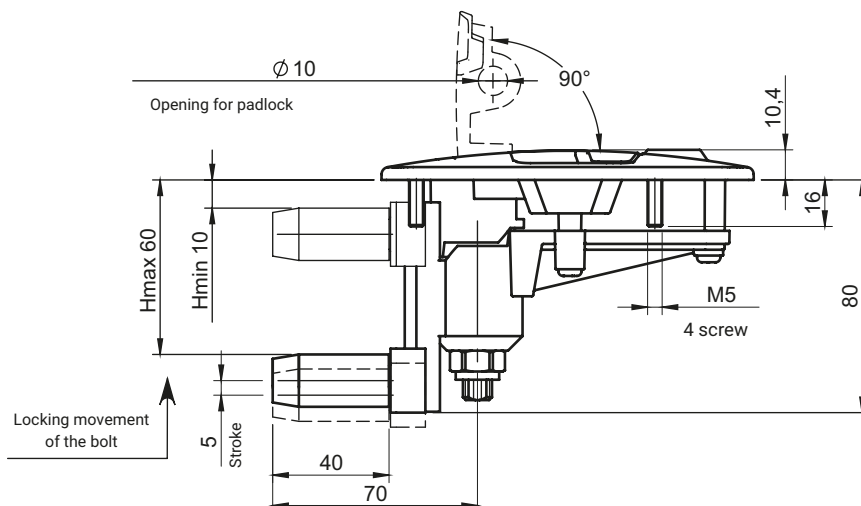
| TYPE OF LOCK | COMPONENTS | MATERIAL  | FINISH [C] |         |
|--------------|------------|-----------|------------|---------|
|              |            |           | RAL9005    | RAL7035 |
| 2.509.002    | Housing    | Polyamide | 07         | 08      |



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

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

NEW



Sealing of lockable doors by folding the lock handle into the lock body.

The locking height (dimension H) is adjustable from 10 to 60 mm.

Locking height is adjusted when the lock is installed and locked with the HEX 4 key

- Recommended tightening torque for the adjusting screw: 5 Nm.

| TYPE OF LOCK | COMPONENTS            | MATERIAL         | FINISH [C] |         | CYLINDER PROFILE  |      |
|--------------|-----------------------|------------------|------------|---------|-------------------|------|
|              |                       |                  | Chrome     | RAL9005 | Key code          |      |
| 2.516.001    | Housing, Lever Roller | Polyamide PA6 GF | -          | 07      | Different code RK | 1333 |
|              | Handle                | ZAMAK            | 01         | 04      |                   |      |
|              | Bolt, Lever Bushing   | ZAMAK            | -          |         |                   |      |

| INSERTS |    |      |   | FINISH [C] |          |
|---------|----|------|---|------------|----------|
| D5      | T9 | KW 8 | S | Chrome     | RAL9005* |
|         |    |      |   | 01         | 04       |

#### How to order:

Catalogue no.

Key code / Type of insert .[C]

where: C - type of insert surface finish

Housing finish [C]

Handle finish [C]

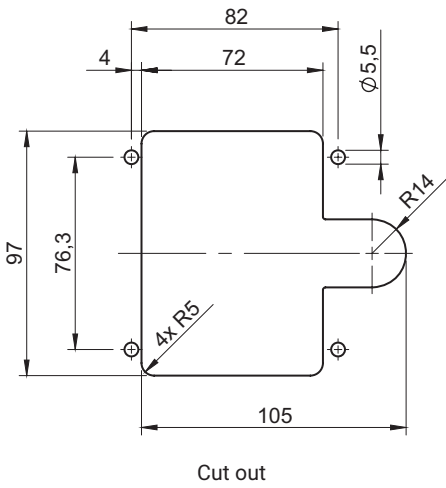
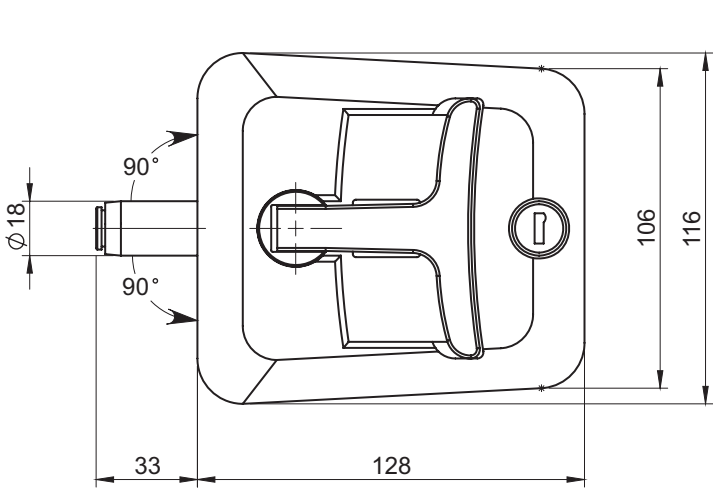
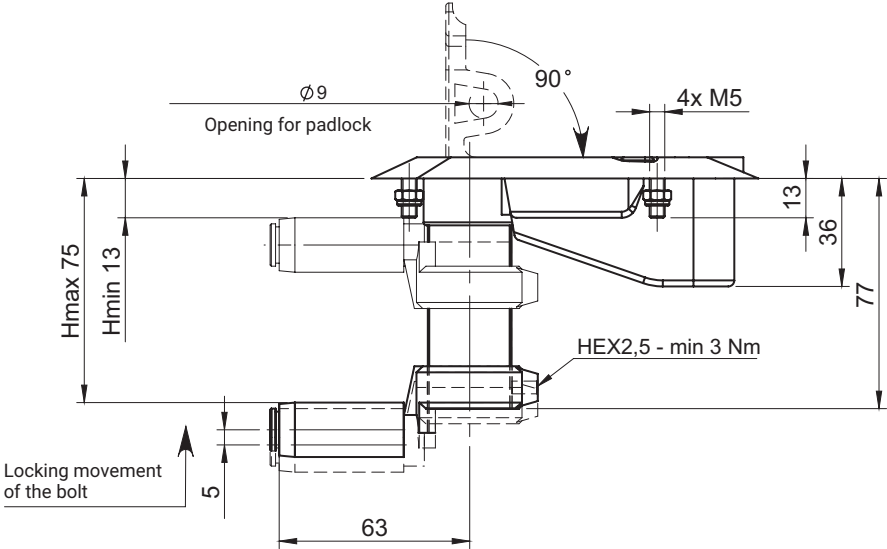
2.516.001 — KW8.C — 07 — 04

\* other colours on request





IP65

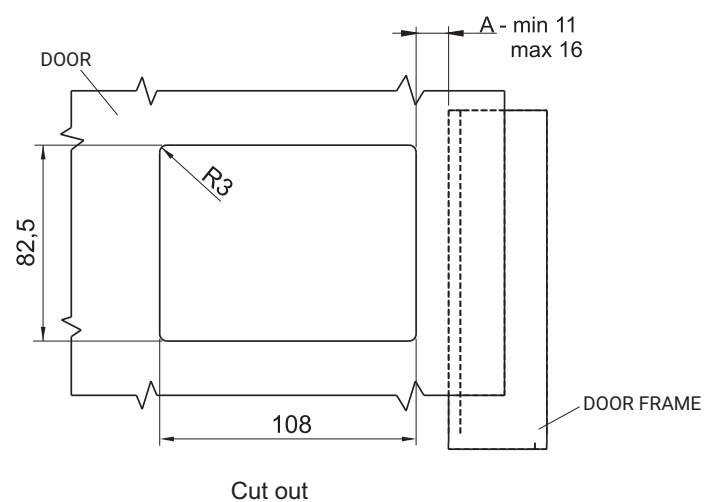
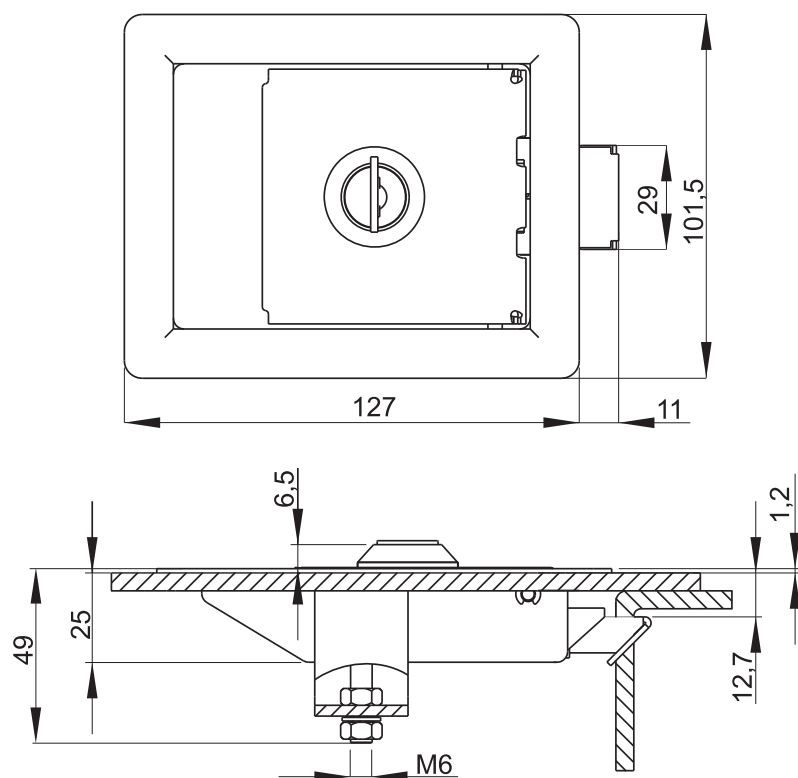


Sealing of the closed door through the axial rotation of the bushing along with the bolt, and fixing the lock in the closed position occurs when the lock handle is folded into its body.   
 The position of the bolt (dimension H) is adjustable in the range from 13 to 75 mm.   
 The position of the bolt on the bolt bushing is determined during assembly and then fixed with a 2.5 mm HEX key - the minimum recommended tightening torque is 3 Nm.   
 The lock handle is available in two colors: black (RAL 9005) and grey (RAL 7035).

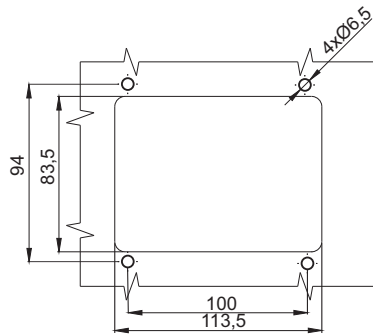
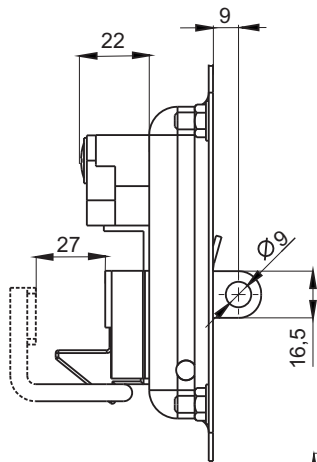
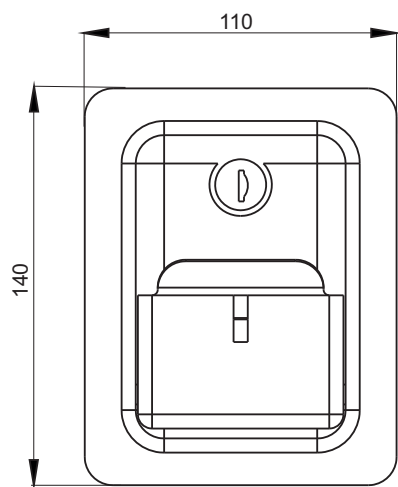
| TYPE OF LOCK | COMPONENTS            | MATERIAL         | FINISH [C] |         |
|--------------|-----------------------|------------------|------------|---------|
|              |                       |                  | RAL9005    | RAL7035 |
| 2.515.001    | Housing, Lever Roller | Polyamide PA6 GF | 07         | -       |
|              | Handle                | ZAMAK            | 04         | 05      |
|              | Bolt, Lever Bushing   | ZAMAK            | -          | -       |

How to order:  
Catalogue no.  
Housing finish  
Handle finish

2.515.001 — 07 — 04

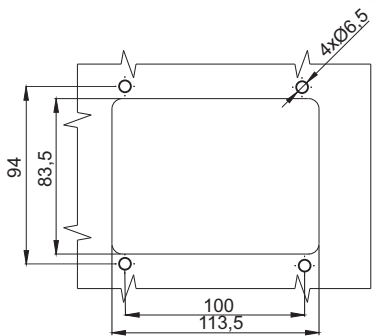
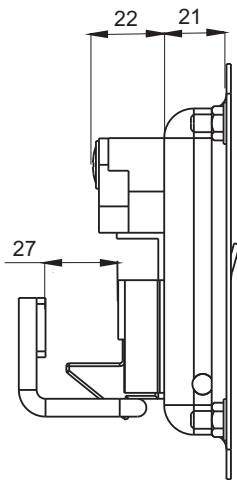
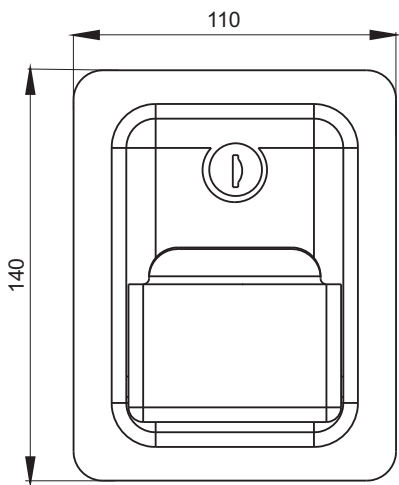


| TYPE OF LOCK | COMPONENTS | MATERIAL          | FINISH [C] |
|--------------|------------|-------------------|------------|
|              |            |                   | RAL 9005   |
| 2.511.001    | Housing    | Steel zinc plated | 04         |
|              | Gasket     | Elastomer         |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



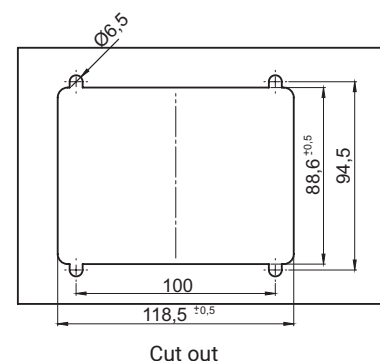
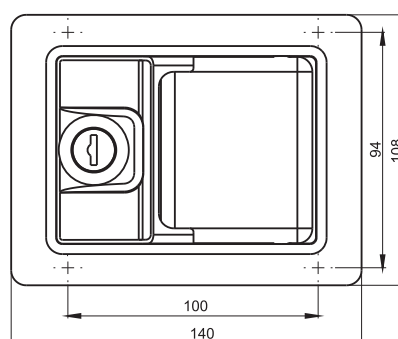
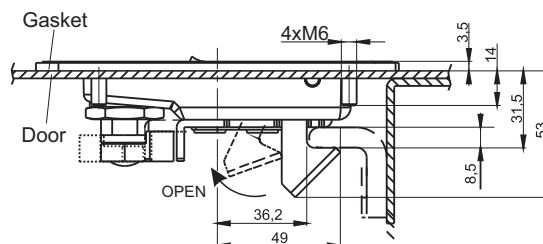
Cut out

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

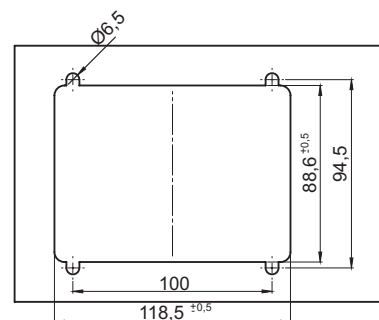
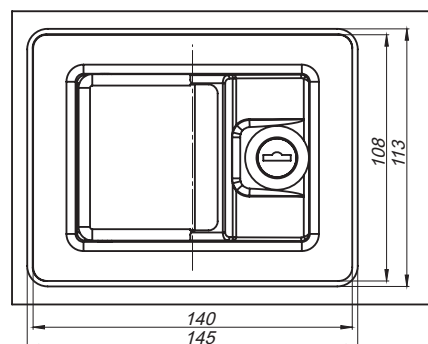
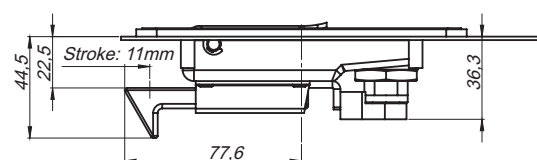


Cut out

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

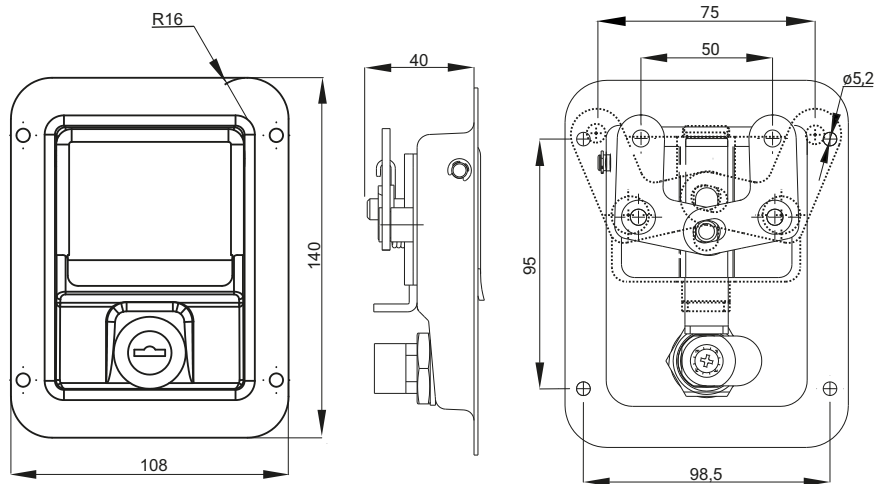


| TYPE OF LOCK | COMPONENTS | MATERIAL          | FINISH [C] |
|--------------|------------|-------------------|------------|
|              |            |                   | RAL 9005   |
| 2.510.001    | Housing    | Steel zinc plated | 04         |
|              | Gasket     | Elastomer         |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

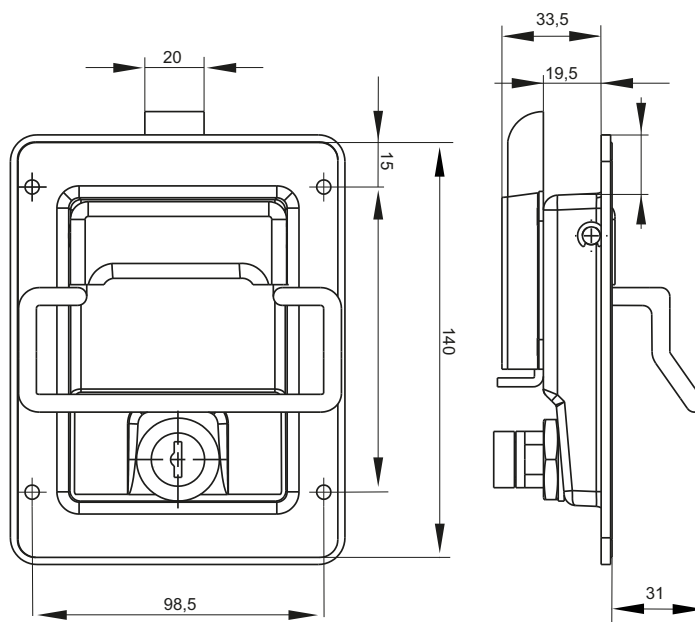


Cut out

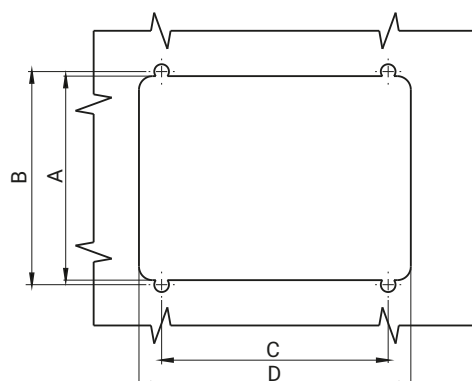
| TYPE OF LOCK | COMPONENTS | MATERIAL          | FINISH [C] |
|--------------|------------|-------------------|------------|
|              |            |                   | RAL 9005   |
| 2.510.003    | Housing    | Steel zinc plated | 04         |
|              | Gasket     | Elastomer         |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



| TYPE OF LOCK | COMPONENTS | MATERIAL        | FINISH [C] |
|--------------|------------|-----------------|------------|
|              |            |                 | RAL 9005   |
| 2.510.002    | Housing    | Stainless steel | 04         |
|              | Gasket     | Elastomer       |            |



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

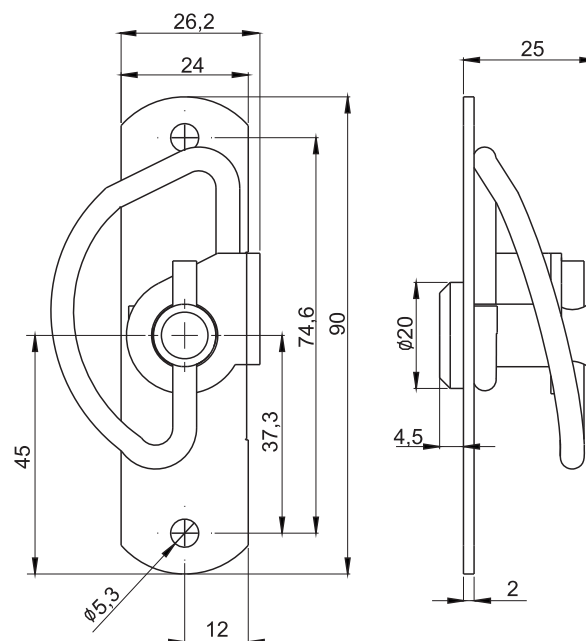


Cut out

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



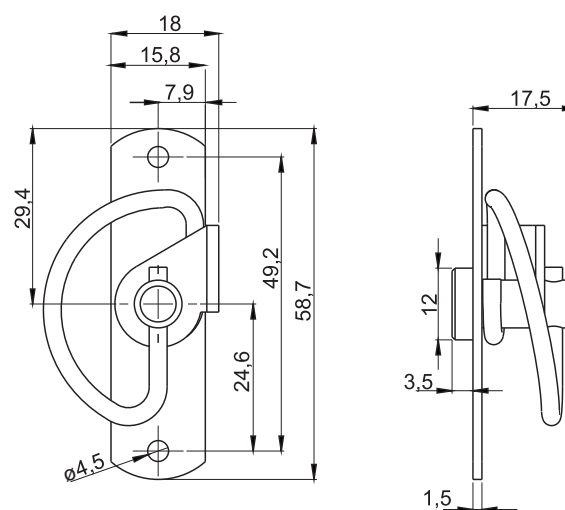
stainless  
steel



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



stainless  
steel



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

How to order :

Type of lock

Type of insert

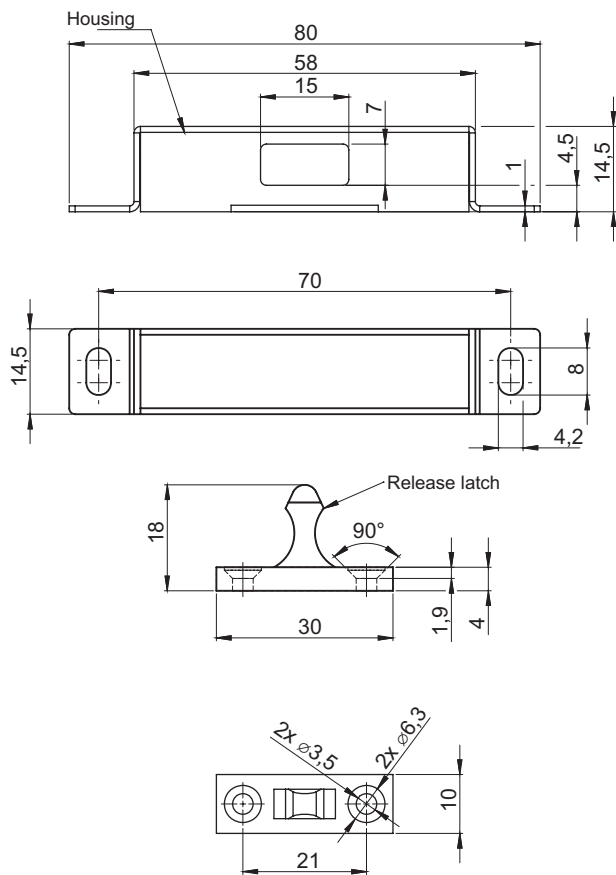
2.504.001

KW8

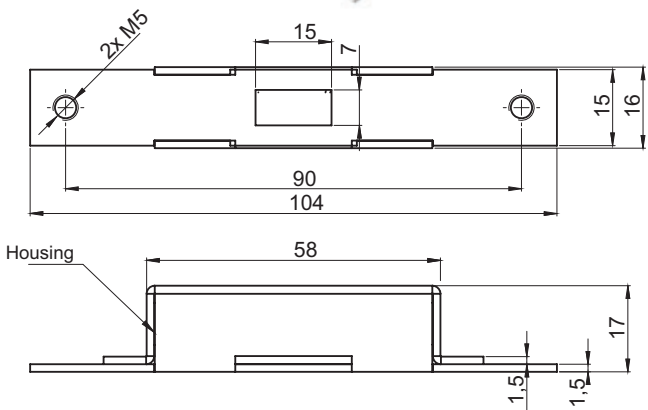
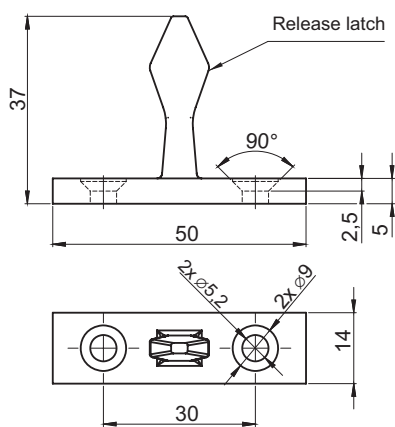
2A-95

| Locks

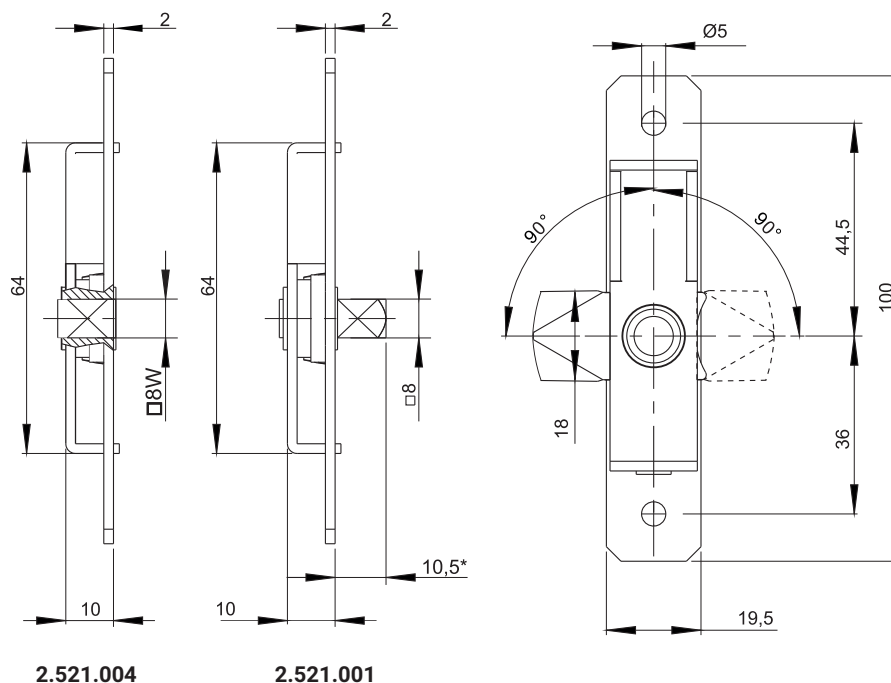
www.roztocze.eu



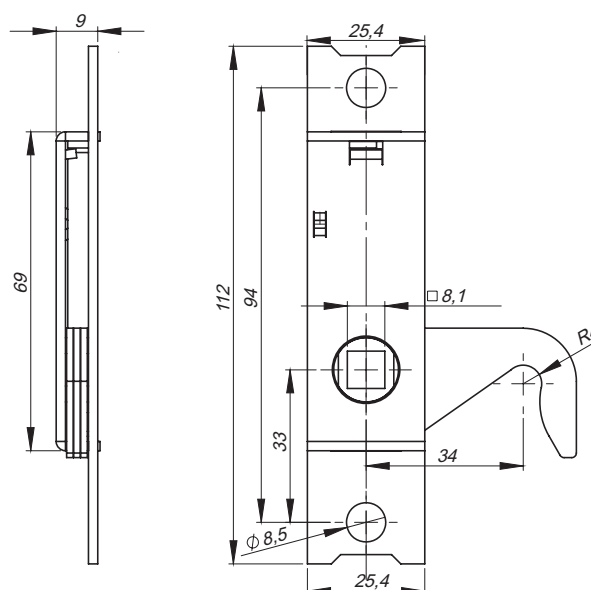
| TYPE OF LOCK | DETAIL       | COMPONENTS    | MATERIAL          |
|--------------|--------------|---------------|-------------------|
| 2.200.001    | Roller latch | Housing       | Zinc plated steel |
|              |              | Release latch | POM               |



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

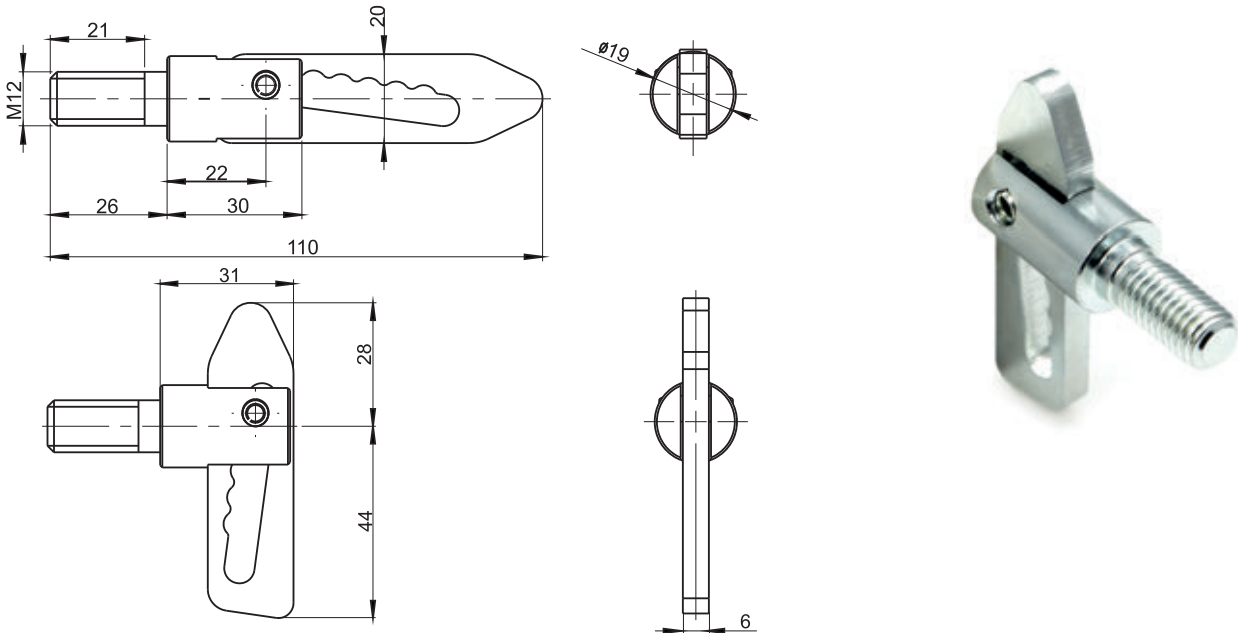


| CATALOGUE NUMBER | COMPONENTS           | MATERIAL          |
|------------------|----------------------|-------------------|
| 2.521.001        | Housing, Insert, Cam | Steel zinc plated |
| 2.521.004        | Housing, Insert, Cam | Stainless steel   |

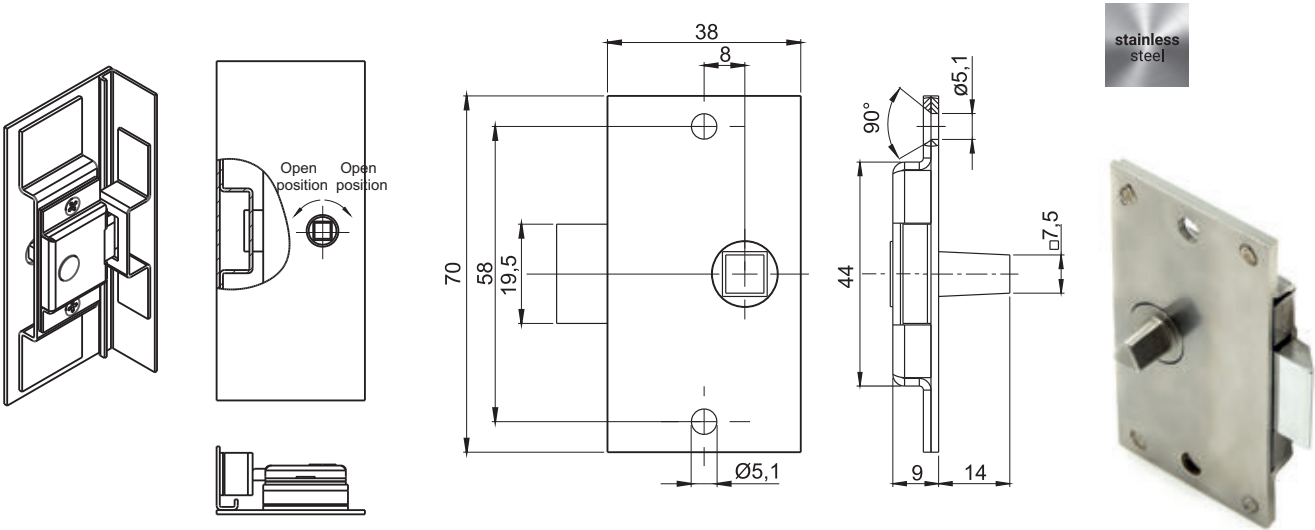


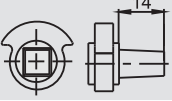
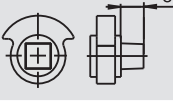
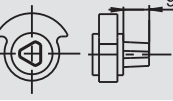
| CATALOGUE NUMBER | COMPONENTS             | MATERIAL          |
|------------------|------------------------|-------------------|
| 2.505.001        | The base of the cam    | Steel zinc plated |
|                  | The hook cam           | Steel zinc plated |
|                  | The spring of the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



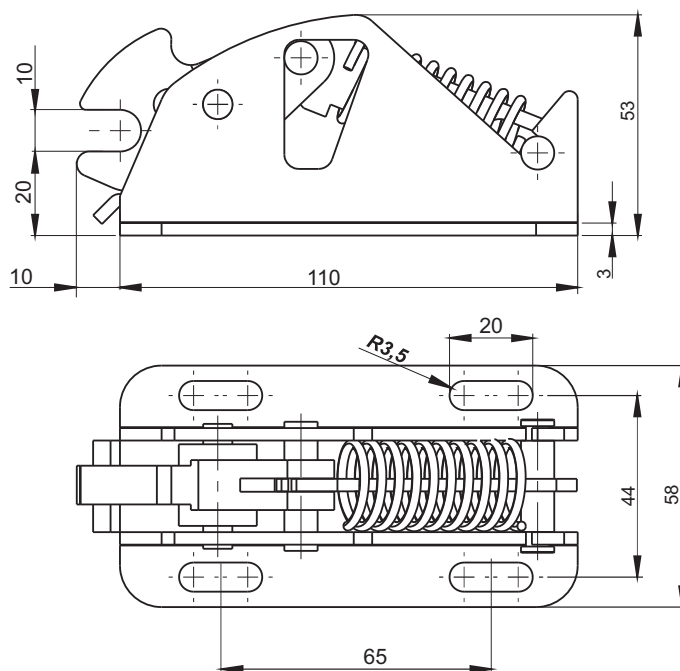


| TYPE OF LOCK | COMPONENTS       | MATERIAL          |
|--------------|------------------|-------------------|
| 2.503.002    | Insert, holdfast | Steel zinc plated |
| 2.503.002SN  | Insert, holdfast | Stainless steel   |

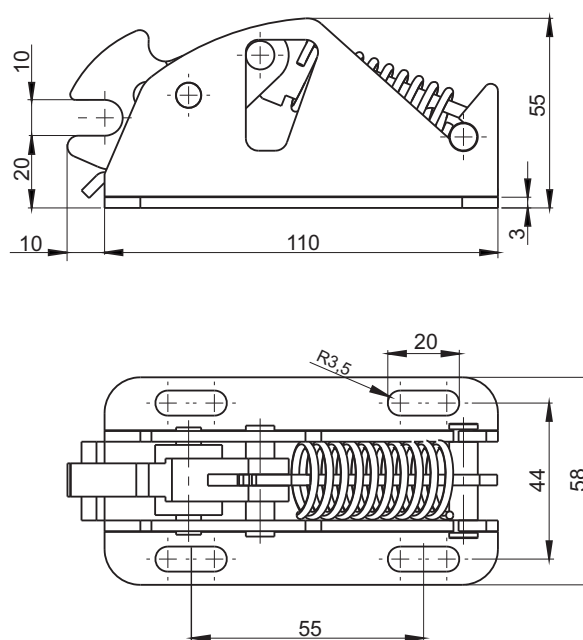


| INSERT                                                                              |                                                                                     |                                                                                       |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  |  |  |
| KW8-14                                                                              | KW8-8                                                                               | T8-9                                                                                  |
| TYPE OF LOCK                                                                        | COMPONENTS                                                                          | MATERIAL                                                                              |
| 2.520.001SN                                                                         | Housing, insert<br>Cam                                                              | Stainless steel                                                                       |

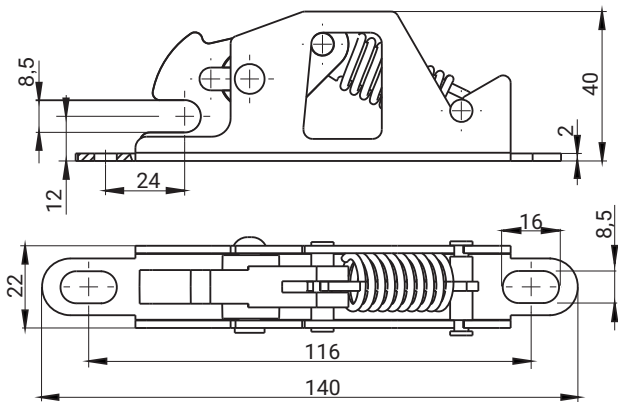
How to order :  
Type of lock or catalogue number      2.520 — T8 — 9  
Type of insert  
Height cam H

stainless  
steel

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

stainless  
steel

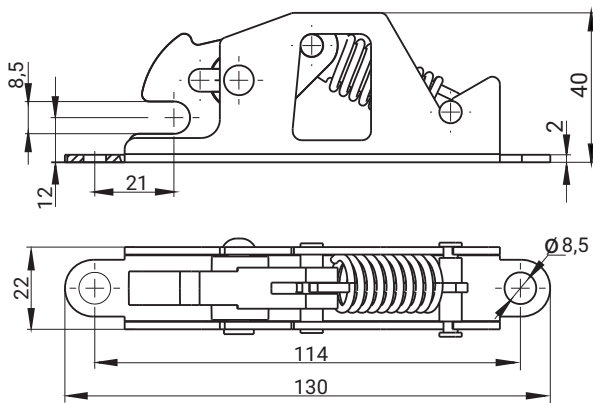
| TYPE OF LOCK | COMPONENTS    | MATERIAL                     |
|--------------|---------------|------------------------------|
| 2.501.003    | Housing / cam | Steel zinc plated/ Polyamide |
| 2.501.003SN  | Housing / cam | Stainless steel/ Polyamide   |



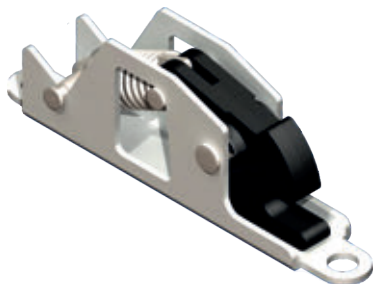
stainless steel



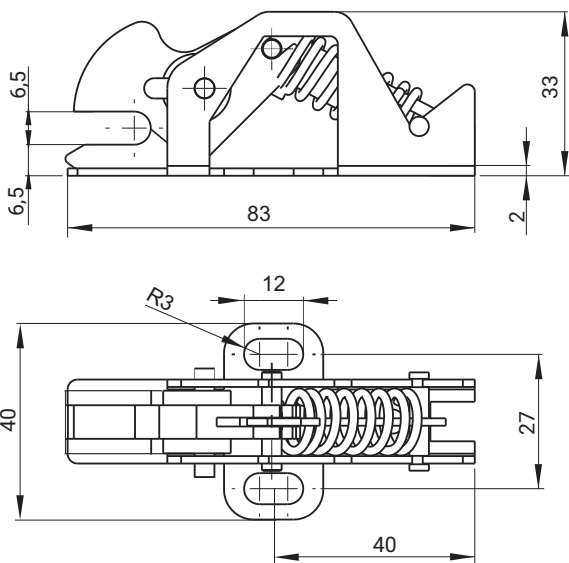
| TYPE OF LOCK | COMPONENTS    | MATERIAL                      |
|--------------|---------------|-------------------------------|
| 2.512.001    | Housing / Cam | Steel zinc plated / Polyamide |
| 2.512.001SN  | Housing / Cam | Stainless Steel / Polyamide   |



stainless steel



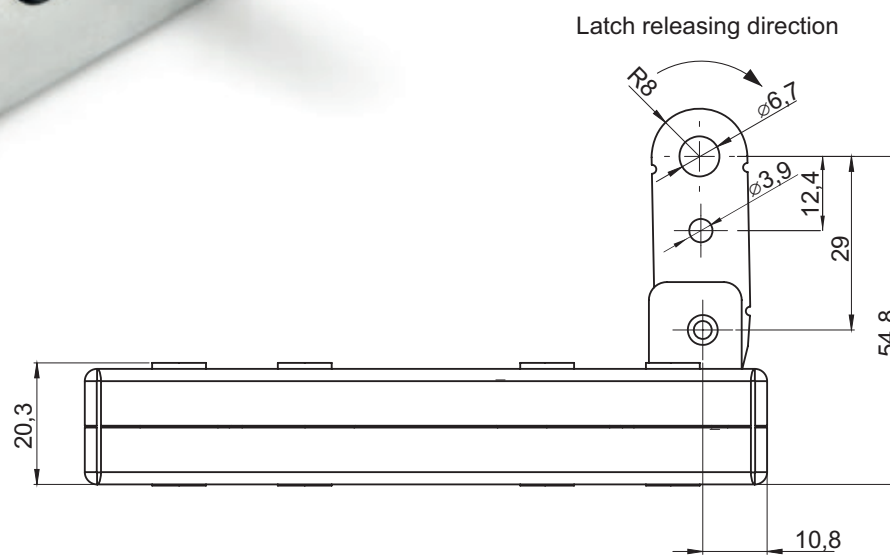
| TYPE OF LOCK | COMPONENTS    | MATERIAL                      |
|--------------|---------------|-------------------------------|
| 2.512.002    | Housing / Cam | Steel zinc plated / Polyamide |
| 2.512.002SN  | Housing / Cam | Stainless Steel / Polyamide   |



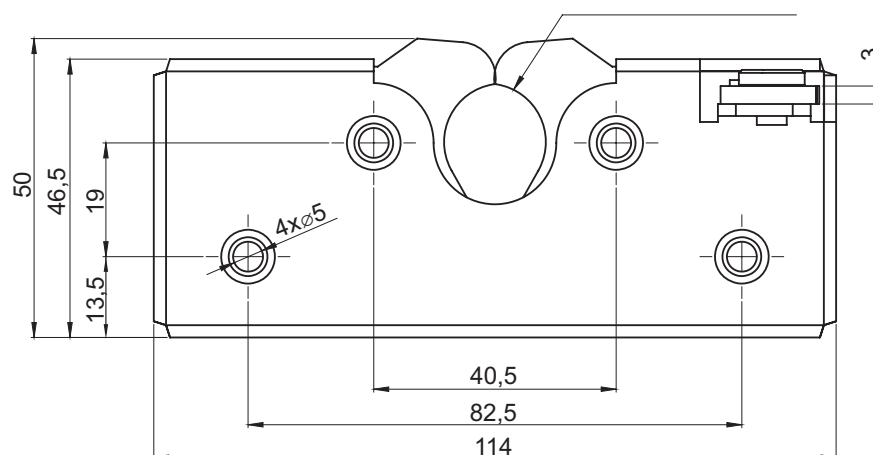
stainless steel



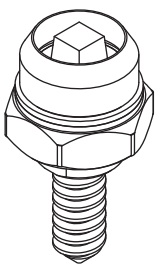
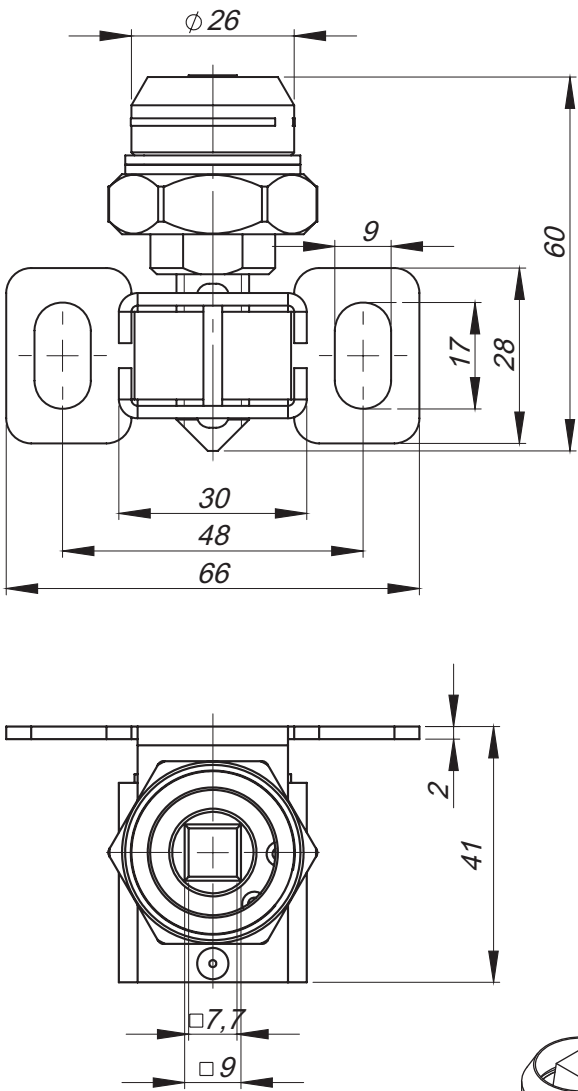
| TYPE OF LOCK | COMPONENTS    | MATERIAL                      |
|--------------|---------------|-------------------------------|
| 2.502.001    | Housing / Cam | Steel zinc plated / Polyamide |
| 2.502.001SN  | Housing / Cam | Stainless Steel / Polyamide   |



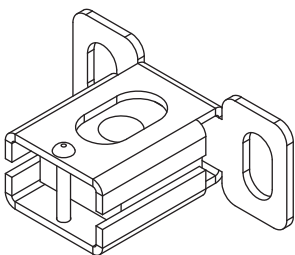
Max diameter of latching rod is 17mm



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

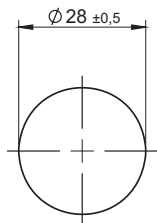
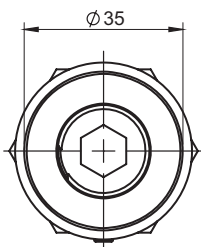
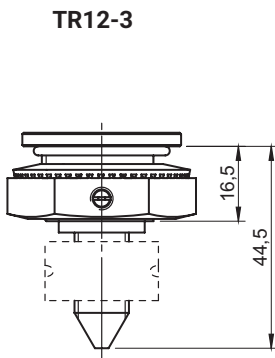
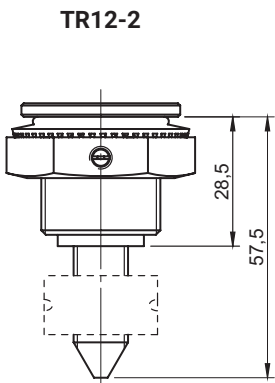
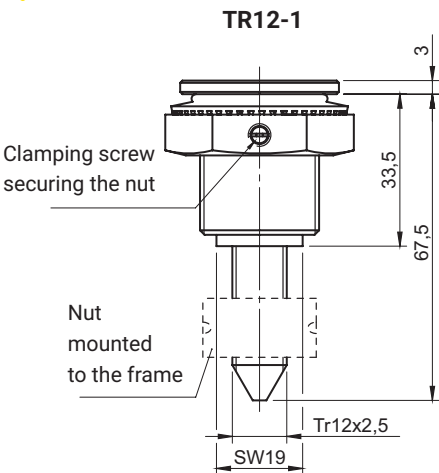


Locking flap



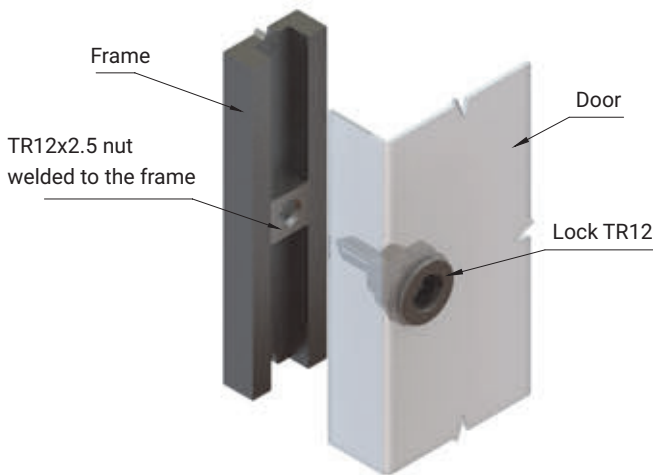
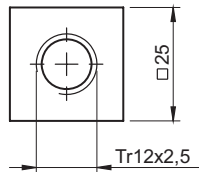
Locking flap handle

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



Cut out

Nut TR12x2,5



| CATALOGUE NUMBER           | INSERTS [D] |       |       | COMPONENTS      | MATERIAL        |
|----------------------------|-------------|-------|-------|-----------------|-----------------|
| TR12-1<br>TR12-2<br>TR12-3 | KW8-4       | HEX10 | KW9-7 | Housing, Insert | Stainless steel |
| TR12x2,5                   | -           |       |       | Nut             | Stainless steel |

How to order:

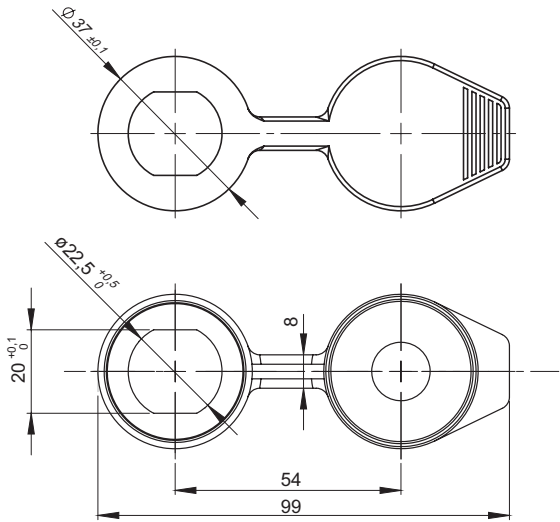
Catalogue number  
Type of insert



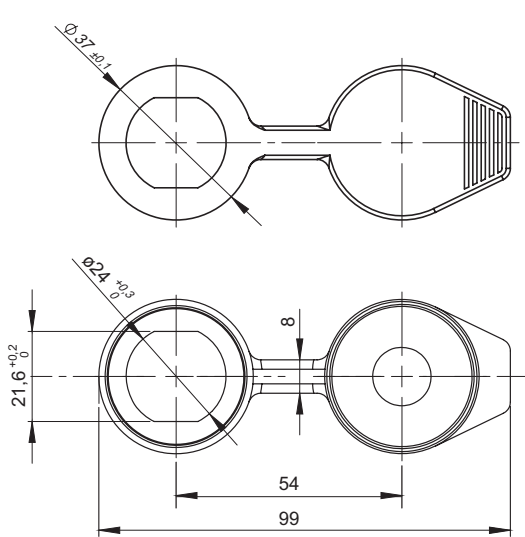
Nut TR12x2,5 to be ordered separately



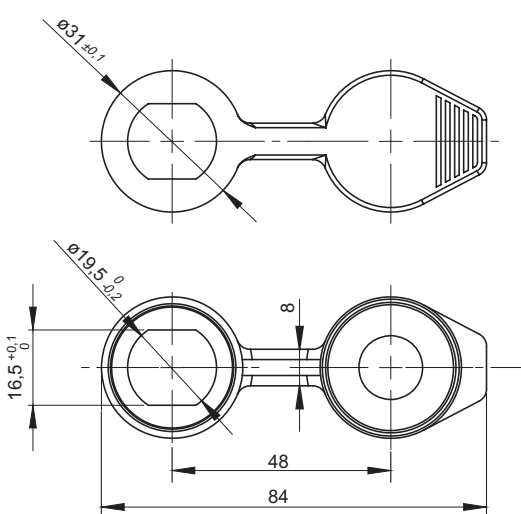
Cover 2.904.005



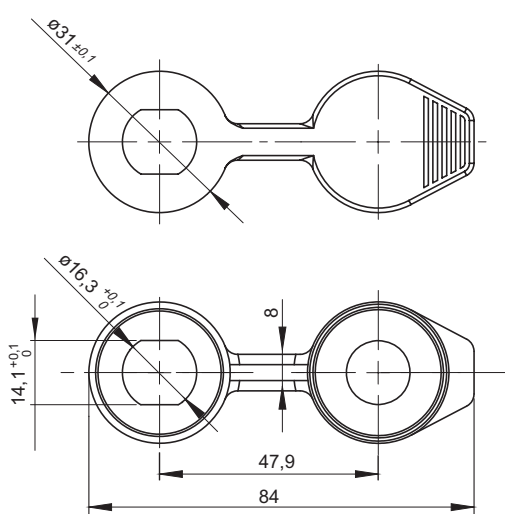
Cover 2.904.006



Cover 2.904.007



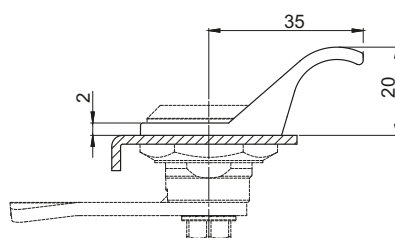
Cover 2.904.008



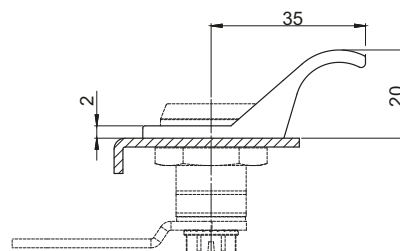
Attention:  
In case of adjusting the handle the H dimension reduces of 2mm

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

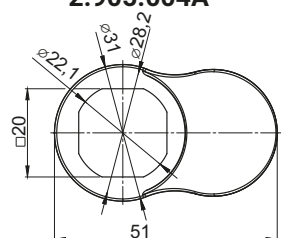
\* colour 7035 available on special request



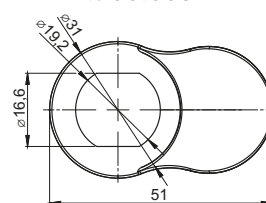
2.905.004A



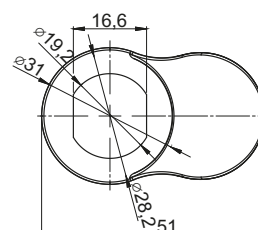
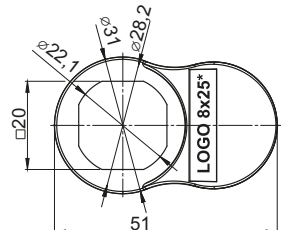
2.905.003A



2.905.004B



2.905.003B



| CATALOGUE NO. | DETAIL              | MATERIAL              | FINISH [C] |          |
|---------------|---------------------|-----------------------|------------|----------|
|               |                     |                       | RAL 9005   | RAL 7035 |
| 2.905.004A    | Handle for lock M22 | Polyamide<br>PA6 GF30 | 07         | 08       |
| 2.905.004B    |                     |                       |            |          |
| 2.905.003A    | Handle for lock M19 | Polyamide<br>PA6 GF30 | 07         | 08       |
| 2.905.003B    |                     |                       |            |          |

## How to order :

Catalogue no.

Finish

2.905.003A

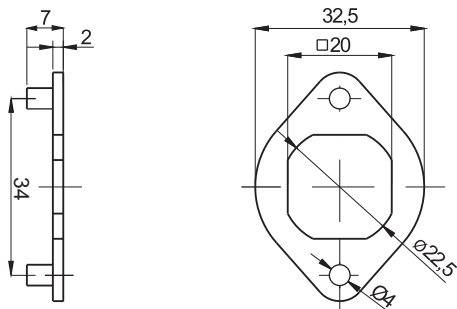
C

\* Optional logo on the handle 2.905.004B with dimension 8x25 mm.

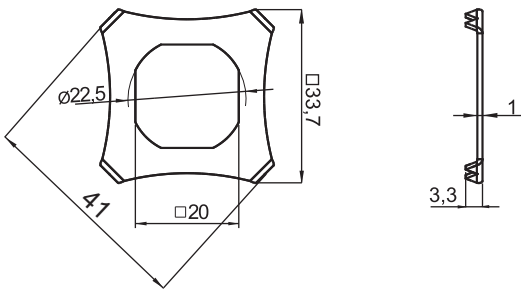
Handle for lock 2.905.004 is fitted with all locks M22 with the outside diameter of flanged housing  $\varnothing 28$ .

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

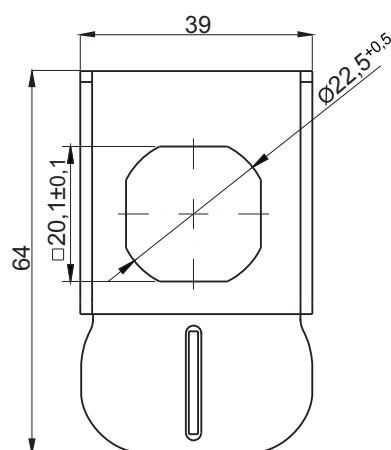
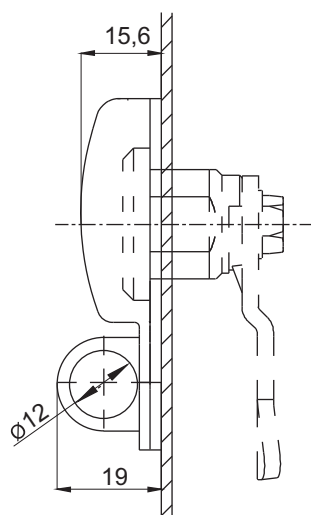




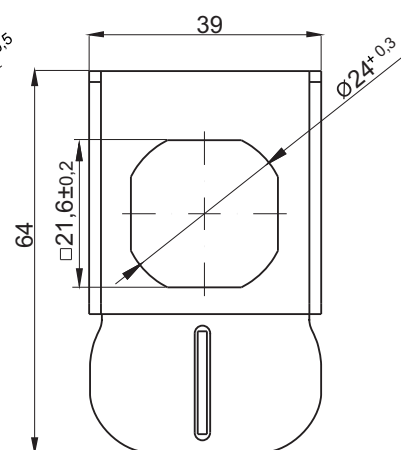
| CATALOGUE NUMBER | COMPONENTS     | MATERIAL          |
|------------------|----------------|-------------------|
| 2.907.002        | Locking washer | Steel zinc plated |
| 2.907.002SN      | Locking washer | Stainless steel   |



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

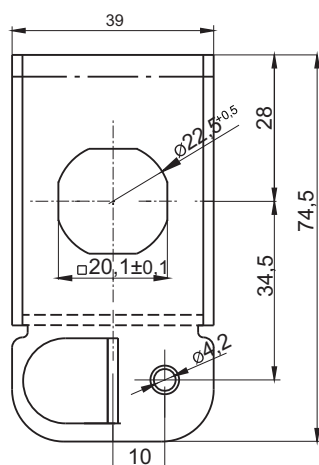
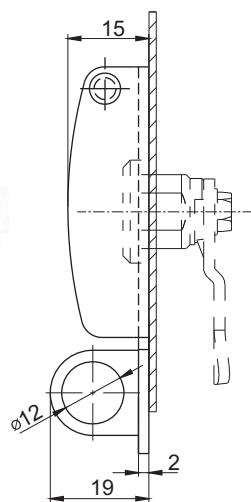

 stainless  
steel
**Blockade ST2**

Blockade 2.902.001

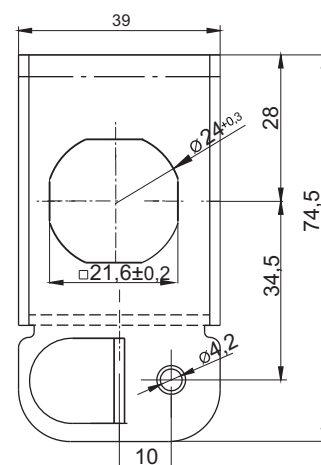


Blockade 2.902.002

| 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   |


 stainless  
steel
**Blockade ST2.02**

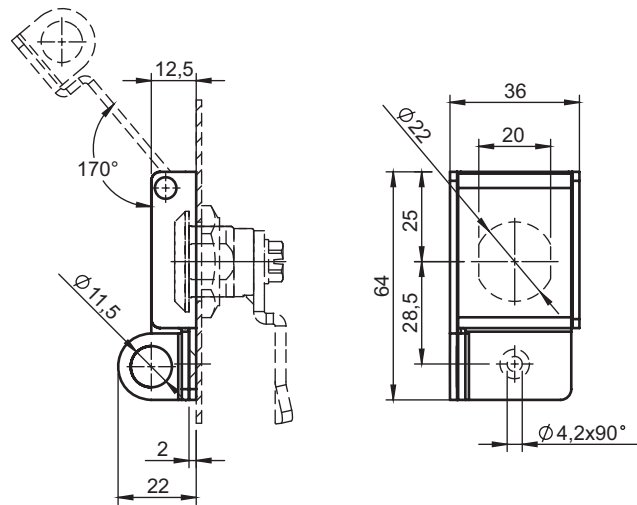
Blockade 2.904.101



Blockade 2.905.102

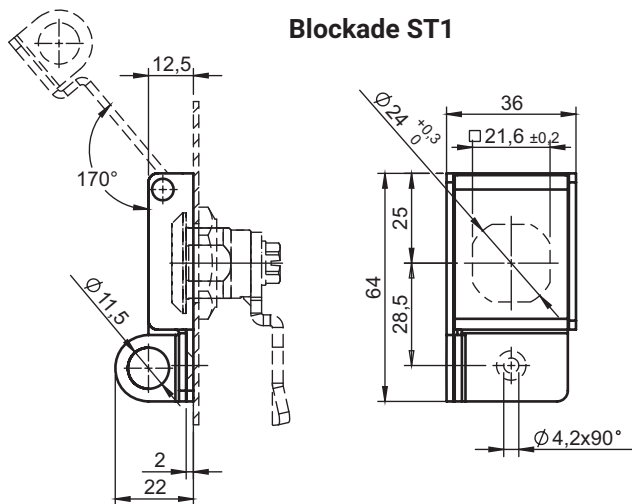
| CATALOGUE NUMBER | TYPE OF LOCK | COMPONENTS  | MATERIAL          |
|------------------|--------------|-------------|-------------------|
| 2.904.101        | M22          | Rate, flape | Steel zinc plated |
| 2.904.101SN      | M22          | Rate, flape | Stainless steel   |
| 2.905.102        |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

Blockade ST1

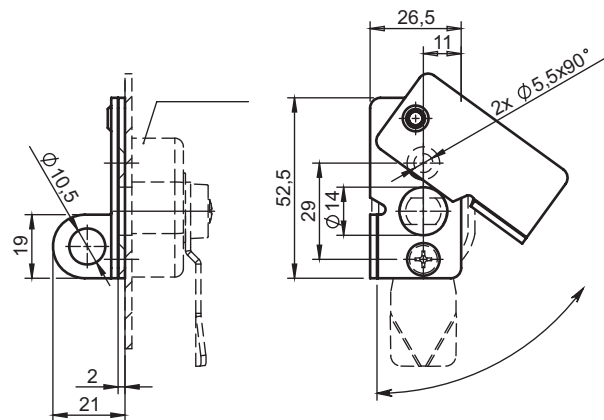


| CATALOGUE NUMBER | COMPONENTS | MATERIAL          |
|------------------|------------|-------------------|
| 2.901.001        | Rate, flap | Steel zinc plated |
| 2.901.001SN      | Rate, flap | Stainless steel   |

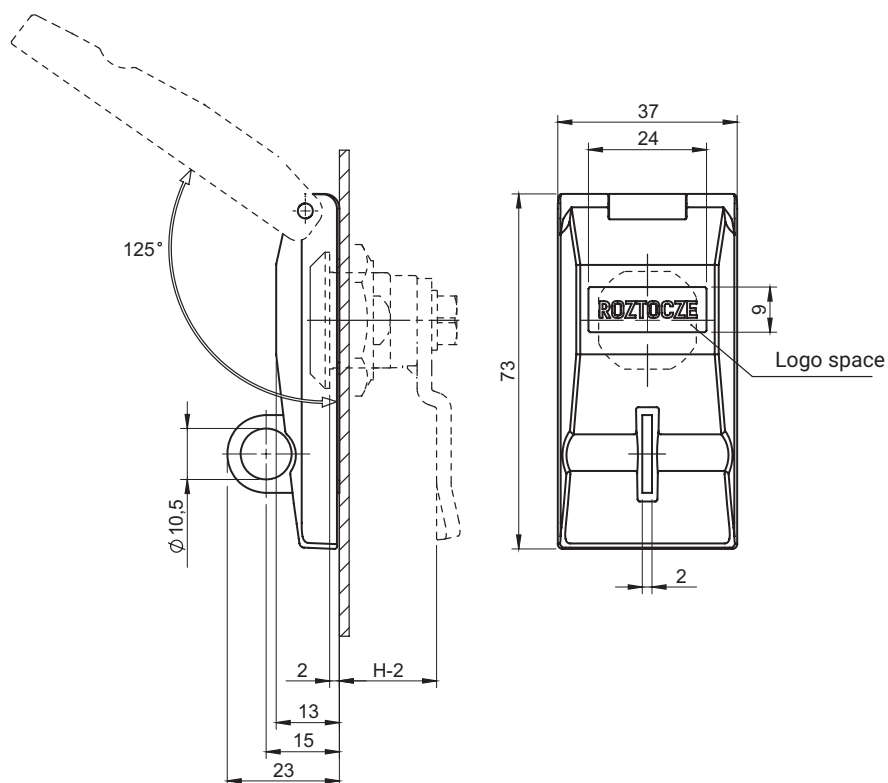
Blockade ST1



| 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          |



\* Customized logo available.

| CATALOGUE NUMBER | TYPE OF LOCK | COMPONENTS         | MATERIAL                   |
|------------------|--------------|--------------------|----------------------------|
| 2.910.001        | M22          | Base<br>Lock cover | Steel zinc plated<br>ZAMAK |
| 2.910.002        | M24          |                    |                            |
| FINISH [C]       |              |                    |                            |
| Nickel           |              | RAL9005            |                            |
| 02               |              | 04                 |                            |

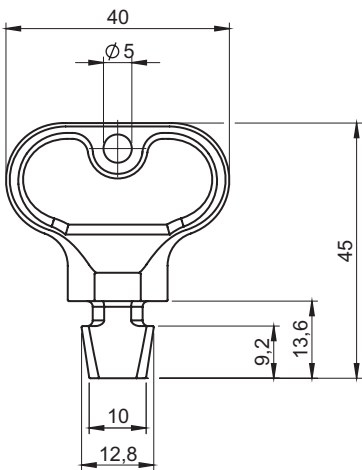
How to order:

Catalogue number

Finish

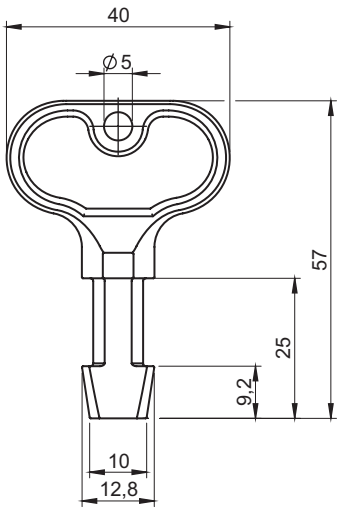
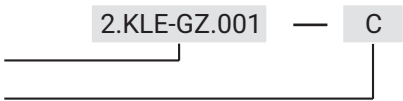
2.910.001

C



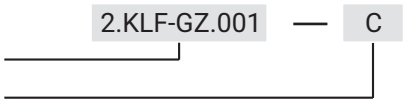
| CATALOGUE NUMBER | MATERIAL  | FINISH [C] |          |
|------------------|-----------|------------|----------|
|                  |           | RAL 9005   | RAL 7035 |
| 2.KLE-GZ.001     | Polyamide | 07         | 08       |

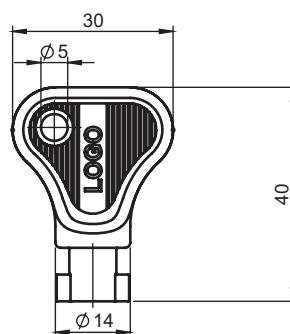
How to order:  
 Catalogue number, type of key  
 Finish



| CATALOGUE NUMBER | MATERIAL  | FINISH [C] |          |
|------------------|-----------|------------|----------|
|                  |           | RAL 9005   | RAL 7035 |
| 2.KLF-GZ.001     | Polyamide | 07         | 08       |

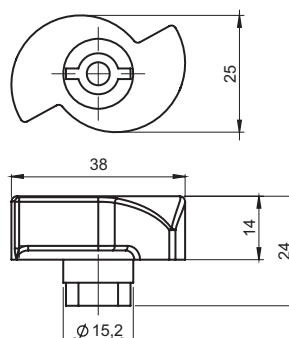
How to order:  
 Catalogue number, type of key  
 Finish





Customized logo on the key available.

| CATALOGUE NUMBER | MATERIAL  | TYPE OF KEY [X] |    |      | FINISH [C] |          |
|------------------|-----------|-----------------|----|------|------------|----------|
| 2.KLB-X.001      | Polyamide |                 |    |      | RAL 9005   | RAL 7035 |
|                  |           | D5              | T9 | KW 8 | 07         | 08       |



| CATALOGUE NUMBER | MATERIAL  | TYPE OF KEY [X] |    |      |    | FINISH [C] |          |
|------------------|-----------|-----------------|----|------|----|------------|----------|
| 2.KLA-X.001      | Polyamide |                 |    |      |    | RAL 9005   | RAL 7035 |
|                  |           | D5              | T9 | KW 8 | C9 | 07         | 08       |

#### How to order:

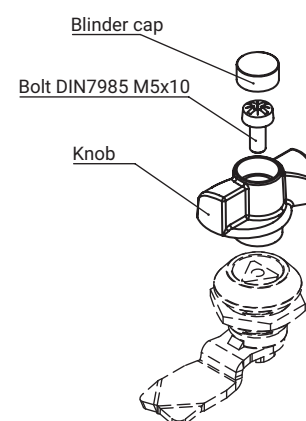
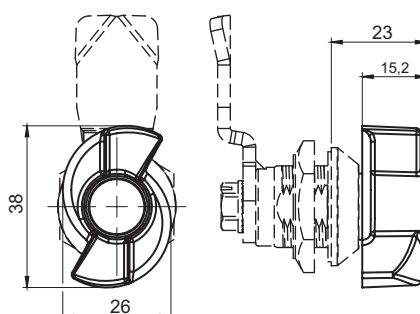
Catalogue number, type of key [X]

Finish

2.KLA-X.001

C

Wing knob for T13 insert



Wing knob for T13 pin, M22-2 and M22-DU locks (pages 2A-9 and 2A-11)

| CATALOGUE NUMBER | COMPONENTS            | MATERIAL          | Finish [C] |
|------------------|-----------------------|-------------------|------------|
|                  |                       |                   | RAL 9005   |
| 2.KLD-T13.001    | T-handle, Blinder cap | Polyamide         | 07         |
|                  | Bolt M5x10            | Steel zinc plated | -          |

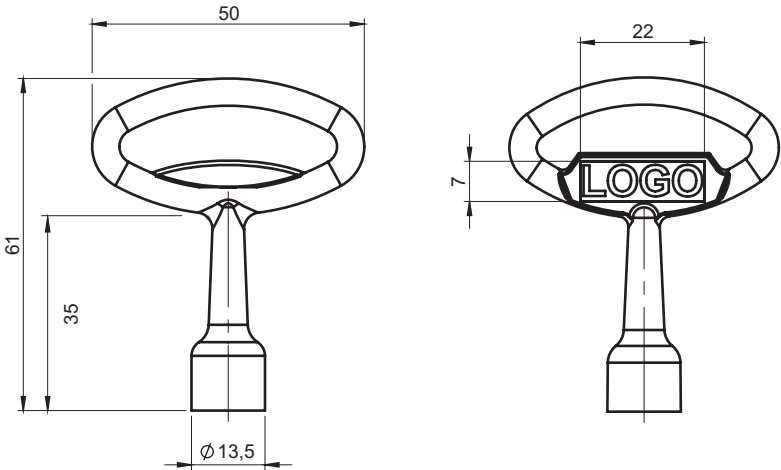
#### How to order:

Catalogue no.

Finish

2.KLD-T13.001

C



Possibility of making logo key on request.

| CATALOGUE NUMBER |    |    |    |    |     |     |     |   |    |   | MATERIAL   |        |        |          |
|------------------|----|----|----|----|-----|-----|-----|---|----|---|------------|--------|--------|----------|
| 2.KL-X.001       |    |    |    |    |     |     |     |   |    |   | ZAMAK5     |        |        |          |
| Type of key [X]  |    |    |    |    |     |     |     |   |    |   | Finish [C] |        |        |          |
|                  |    |    |    |    |     |     |     |   |    |   | No finish  | Chrome | Nickel | RAL 9005 |
| D3               | D5 | T6 | T7 | T9 | KW6 | KW7 | KW8 | N | C9 | Q | 00         | 01     | 02     | 04       |

How to order:

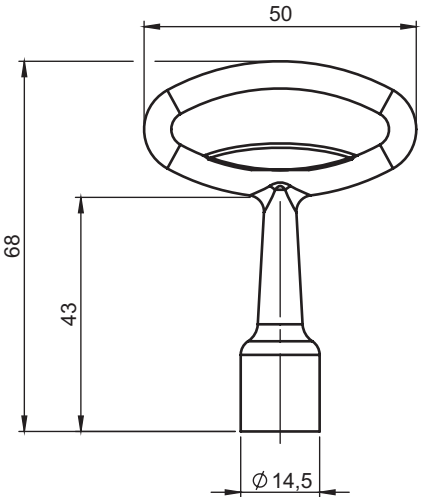
Catalogue number, type o key [X]

Finish

2.KL-X.001

—

C



| CATALOGUE NUMBER |     |     |     |     |         |    |    | MATERIAL   |        |        |          |
|------------------|-----|-----|-----|-----|---------|----|----|------------|--------|--------|----------|
| 2.KL-X.002       |     |     |     |     |         |    |    | ZAMAK5     |        |        |          |
| Type of key [X]  |     |     |     |     |         |    |    | Finish [C] |        |        |          |
|                  |     |     |     |     |         |    |    | No finish  | Chrome | Nickel | RAL 9005 |
| T9               | T10 | KW6 | KW7 | KW8 | KW8 zew | C9 | D9 | 00         | 01     | 02     | 04       |

How to order:

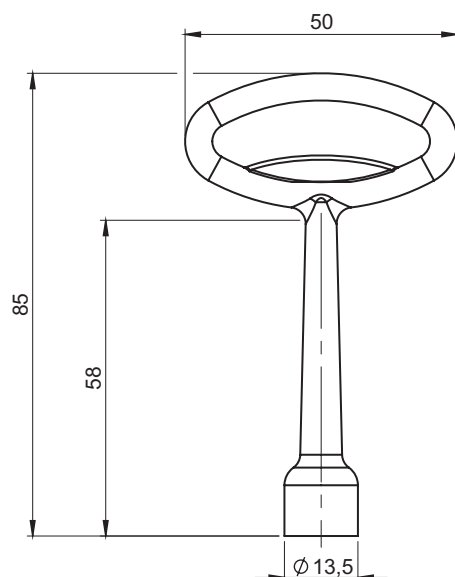
Catalogue number, type o key [X]

Finish

2.KL-X.002

—

C



| CATALOGUE NUMBER                                                                  |                                                                                   |                                                                                   |                                                                                   | MATERIAL   |        |        |          |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------|--------|--------|----------|
| 2.KL-X.003                                                                        |                                                                                   |                                                                                   |                                                                                   | ZAMAK5     |        |        |          |
| Type of key [X]                                                                   |                                                                                   |                                                                                   |                                                                                   | Finish [C] |        |        |          |
|  |  |  |  | No finish  | Chrome | Nickel | RAL 9005 |
| D3                                                                                | D5                                                                                | T9                                                                                | KW8                                                                               | 00         | 01     | 02     | 04       |

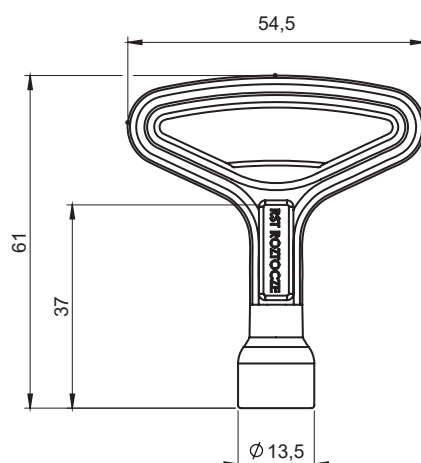
**How to order:**

Catalogue number, type o key [X]

Finish

2.KL-X.003

C



Possibility of making logo key on request.

| CATALOGUE NUMBER                                                                    |                                                                                     |                                                                                     | MATERIAL   |        |        |          |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|------------|--------|--------|----------|
| 2.KL-X.004                                                                          |                                                                                     |                                                                                     | ZAMAK5     |        |        |          |
| Type of key [X]                                                                     |                                                                                     |                                                                                     | Finish [C] |        |        |          |
|  |  |  | No finish  | Chrome | Nickel | RAL 9005 |
| D5                                                                                  | T9                                                                                  | KW8                                                                                 | 00         | 01     | 02     | 04       |

**How to order:**

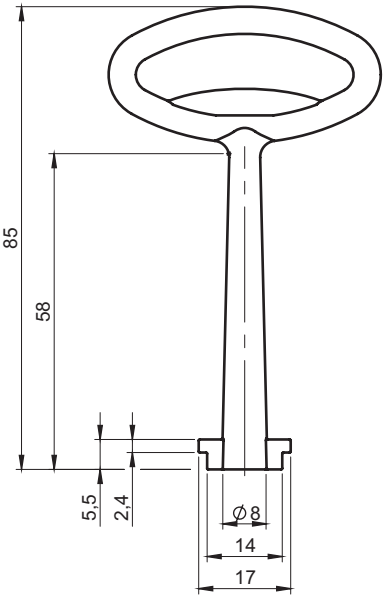
Catalogue number, type o key [X]

Finish

2.KL-X.004

C





| CATALOGUE NUMBER                                                                   |                                                                                    | MATERIAL   |        |        |          |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|------------|--------|--------|----------|
| 2.KL-X.005                                                                         |                                                                                    | ZAMAK5     |        |        |          |
| Type of key [X]                                                                    |                                                                                    | Finish [C] |        |        |          |
|  |  | No finish  | Chrome | Nickel | RAL 9005 |
| D3S                                                                                | D5S                                                                                | 00         | 01     | 02     | 04       |

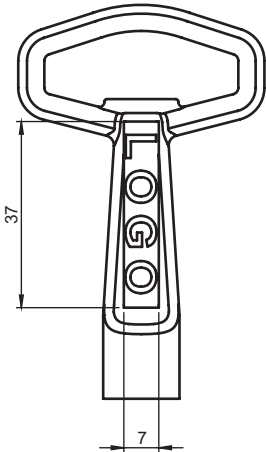
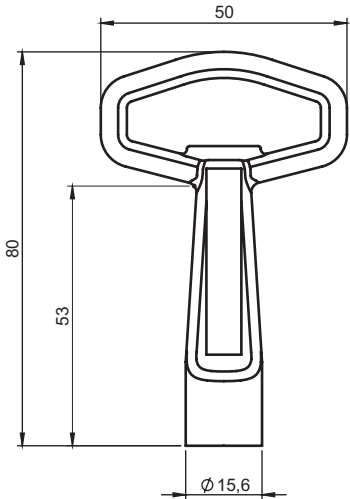
How to order:

Catalogue number, type o key [X]

Finish

2.KL-X.005

C



Possibility of making logo key on request.

| CATALOGUE NUMBER                                                                    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                      | MATERIAL   |        |        |          |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|------------|--------|--------|----------|
| 2.KL-X.006                                                                          |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                      | ZAMAK5     |        |        |          |
| Type of key [X]                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                      | Finish [C] |        |        |          |
|  |  |  |  |  |  |  | No finish  | Chrome | Nickel | RAL 9005 |
| KW8                                                                                 | T9                                                                                  | T10                                                                                 | T11                                                                                 | T12                                                                                 | T13                                                                                 | HEX9                                                                                 | 00         | 01     | 02     | 04       |

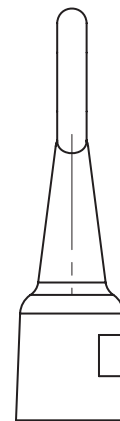
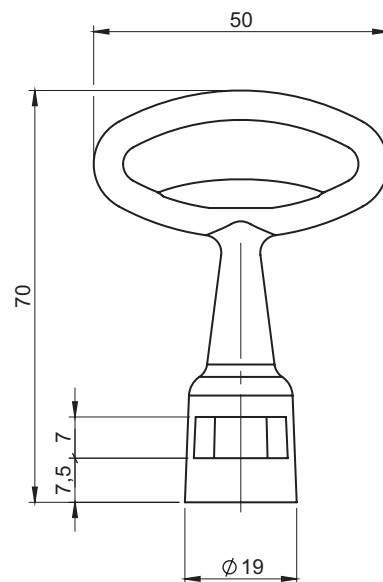
How to order:

Catalogue number, type o key [X]

Finish

2.KL-X.006

C



| CATALOGUE NUMBER | MATERIAL | Type of key [X]                                                                      | Finish [C] |        |        |          |
|------------------|----------|--------------------------------------------------------------------------------------|------------|--------|--------|----------|
| 2.KL-X.007       | ZAMAK5   |  | No finish  | Chrome | Nickel | RAL 9005 |
|                  |          | D13S                                                                                 | 00         | 01     | 02     | 04       |

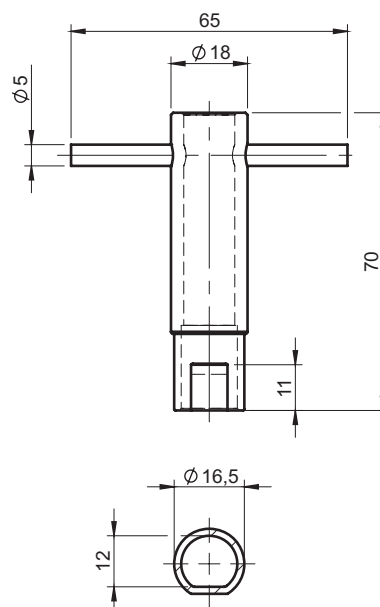
**How to order:**

Catalogue number, type o key [X]

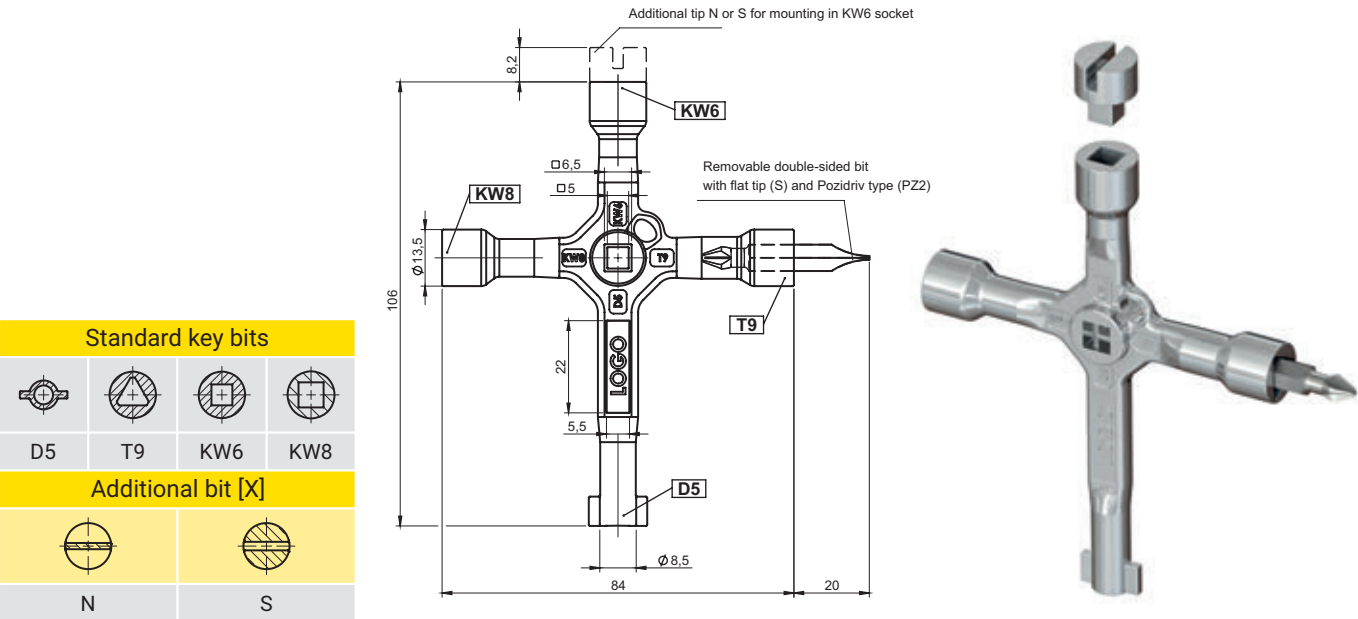
Finish

2.KL-D13S.007

C



| CATALOGUE NUMBER | MATERIAL          |
|------------------|-------------------|
| 2.KL-D13S.008    | Steel zinc plated |



| Standard key bits  |    |     |     |
|--------------------|----|-----|-----|
|                    |    |     |     |
| D5                 | T9 | KW6 | KW8 |
| Additional bit [X] |    |     |     |
|                    |    |     |     |
| N                  | S  |     |     |

Removable double-sided bit with flat tip (S) and Pozidriv type (PZ2)  
Key supplied with double bit, additional N or S bits ordered separately.

| CATALOGUE NUMBER | COMPONENTS           | MATERIAL   | Finish [C] |        |        |          |
|------------------|----------------------|------------|------------|--------|--------|----------|
|                  |                      |            | No finish  | Chrome | Nickel | RAL 9005 |
| 2.KL.009         | Key, additional bits | ZAMAK5     |            |        |        |          |
|                  | Bit S / PZ2          | Tool steel | 00         | 01     | 02     | 04       |

How to order :

Catalogue number

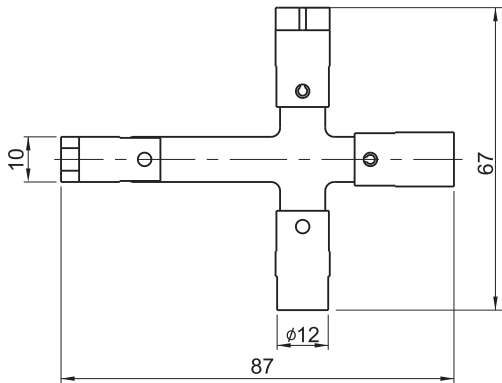
Additional bit

When ordering more than one, enter the symbols after the comma.  
When ordering a key without an additional bit, omit the following

Finish [C]

2.KL.009 — X — C

stainless steel



| 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 :

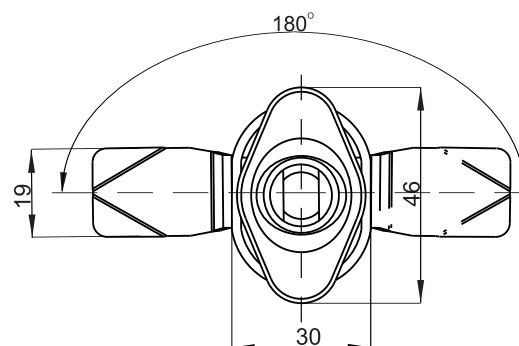
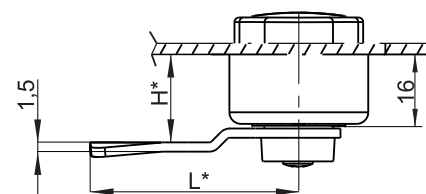
Catalogue number

Type of key

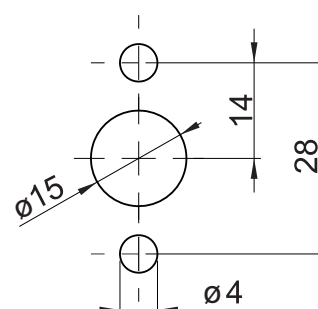
2.KLT-WF.001 — KW8 — T9 — L — T10



LOCK ZG



LOCK ZG AX



Cut Out

Table no. 1

| CAM CODE | H* | L* | INSERT [X] |   |
|----------|----|----|------------|---|
| 001      | 16 | 30 |            |   |
| 002      | 16 | 45 |            |   |
| 003      | 19 | 30 | GZ         | N |
| 004      | 19 | 45 |            |   |

| TYPE OF LOCK | COMPONENTS      | MATERIAL          | FINISH [C] |          |
|--------------|-----------------|-------------------|------------|----------|
|              |                 |                   | RAL 9005   | RAL 7035 |
|              | Housing, insert | Polyamide         | 07         | 08       |
|              | Blokade         | Steel zinc plated | -          | -        |
|              |                 | Stainless steel   |            |          |

## How to order :

Type of lock  
Type of insert [X]  
Cam code  
Finish [C]

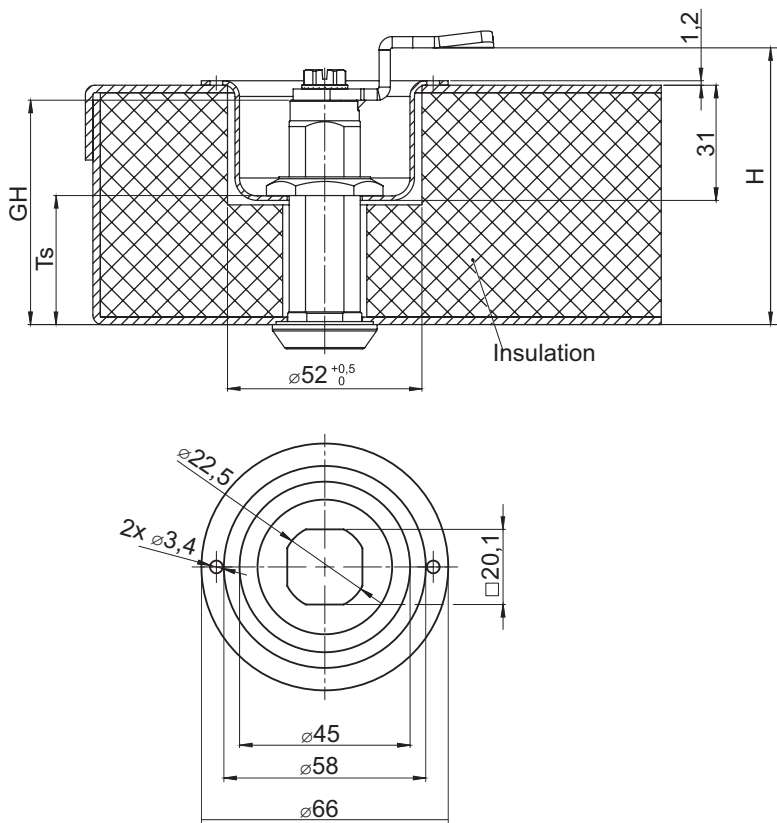
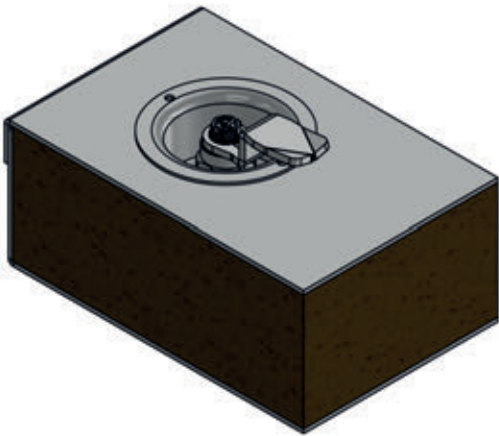
ZGAX.01 — GZ — 003 — C

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_



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 |





1

Locking  
systems

2

Locks  
Latches



3

Hinges



4

Clamps



5

Accessories



6

Gasketing  
profiles

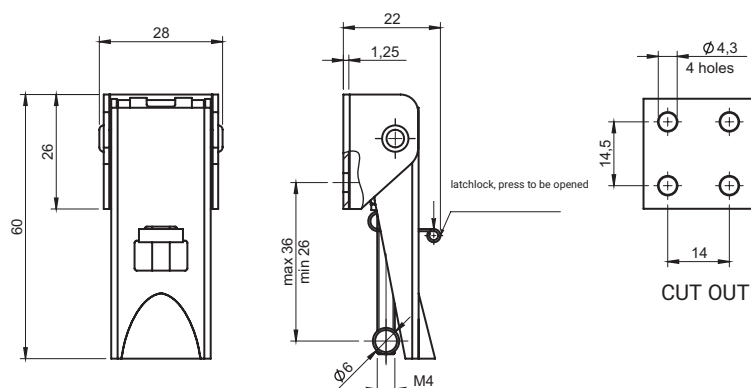


7

Custom  
products

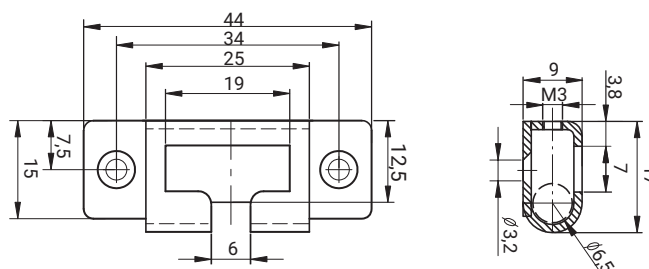


stainless  
steel



Preferred catch:

- 3.ST200.001 (2B-1)
  - 3.ST200.001SN (2B-1)
  - 3.ST201UN.001 (2B-1)
  - 3.ST201UN.001SN (2B-1)
- Catch ordered separately



#### CATALOGUE NUMBER

3.ST201UN.001

3.ST201UN.001SN\*

#### MATERIAL

Steel zinc plated

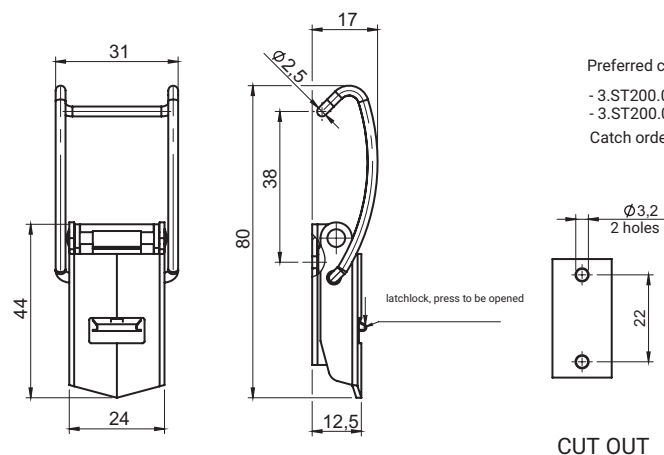
Stainless steel



stainless  
steel

3.ST200.002

3.ST202.001



Preferred catch:

- 3.ST200.002 (2B-1)
  - 3.ST200.002SN (2B-1)
- Catch ordered separately

#### CATALOGUE NUMBER

3.ST202.001

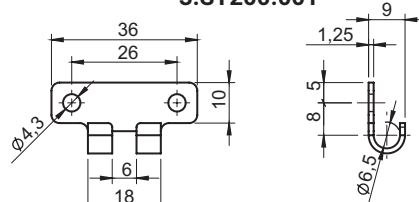
3.ST202.001SN

#### MATERIAL

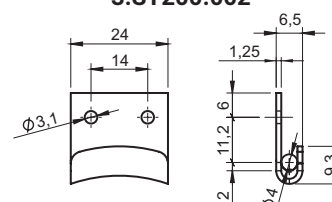
Steel zinc plated

Stainless steel

3.ST200.001



3.ST200.002



#### CATALOGUE NUMBER

3.ST200.001

3.ST200.001SN

3.ST200.002\*

3.ST200.002SN\*

#### MATERIAL

Steel zinc plated

Stainless steel

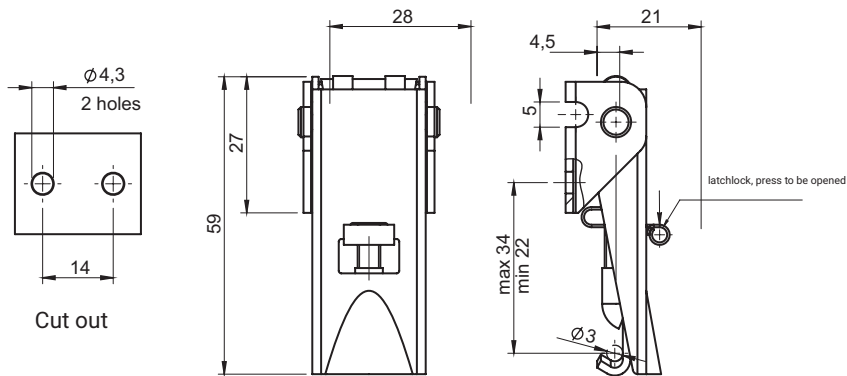
Steel zinc plated

Stainless steel

\* detail to be ordered separately

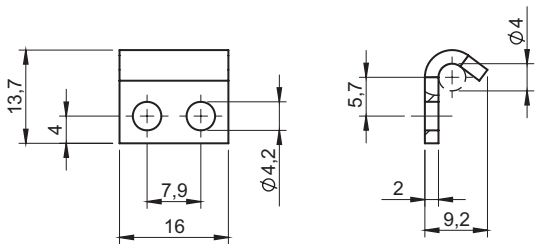
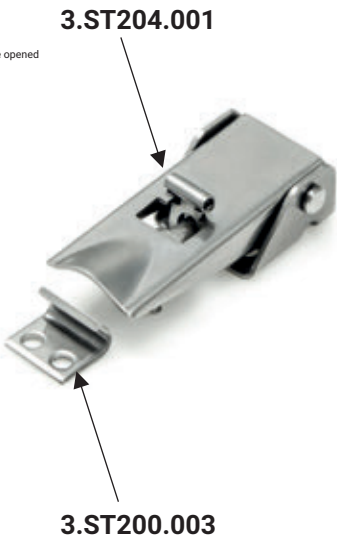


Latch 3.ST204, 3.ST205  
Catch 3.ST200



Preferred catch:  
- 3.ST200.003 (2B-2)  
- 3.ST200.003SN (2B-2)  
Catch ordered separately

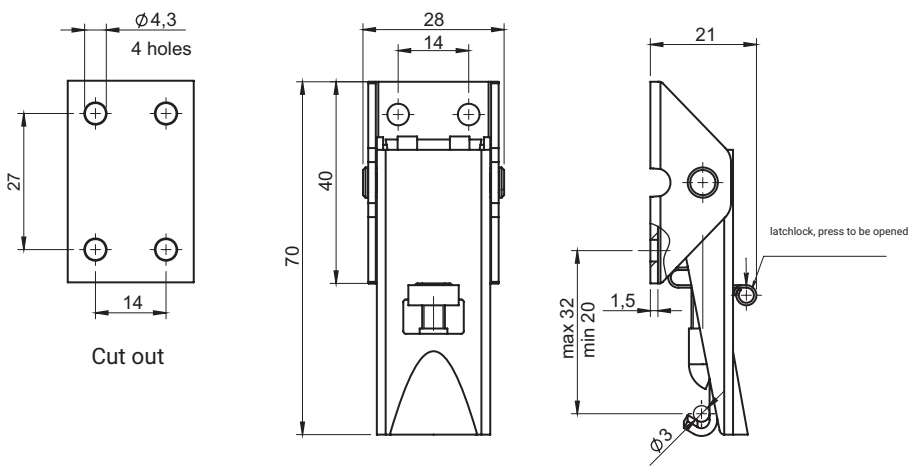
| CATALOGUE NUMBER | MATERIAL          |
|------------------|-------------------|
| 3.ST204.001      | Steel zinc plated |
| 3.ST204.001SN    | Stainless steel   |



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



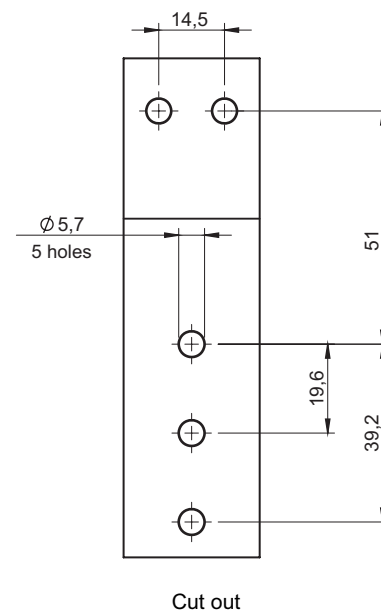
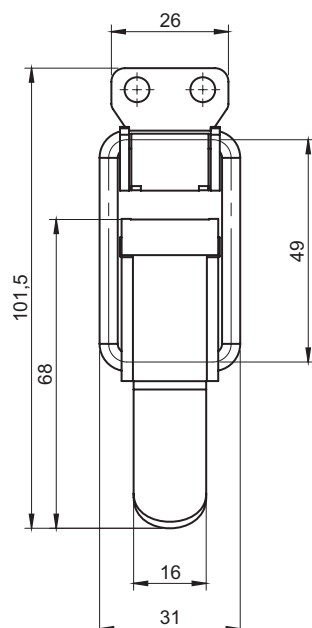
Preferred catch:  
- 3.ST200.003 (2B-2)  
- 3.ST200.003SN (2B-2)  
Catch ordered separately

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





stainless steel

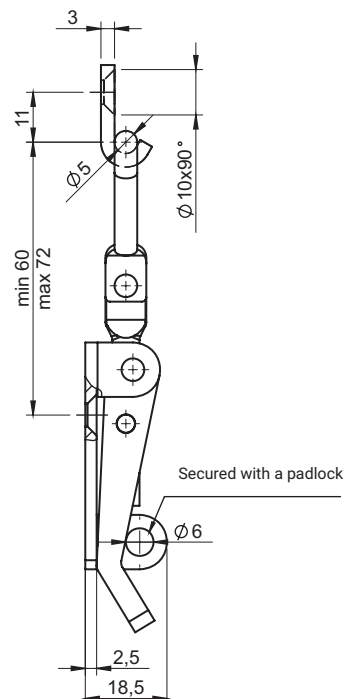
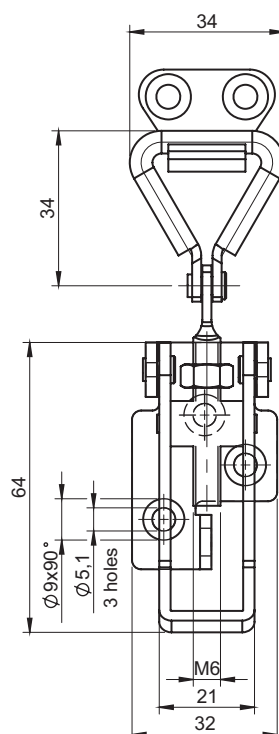


Latch supplied with a catch

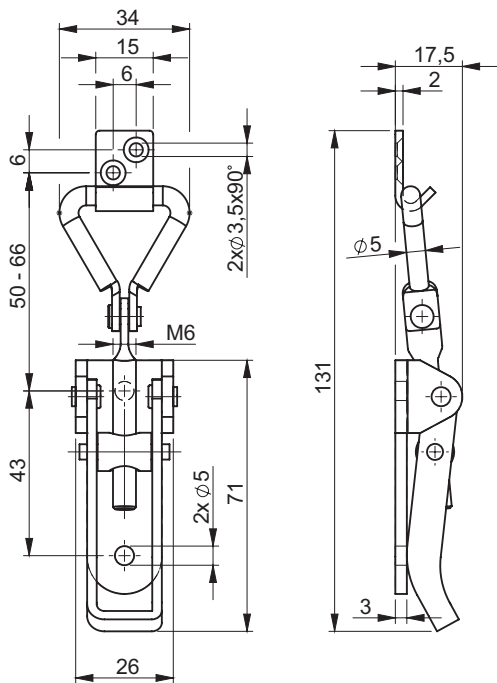
| CATALOGUE NO. | MATERIAL        |
|---------------|-----------------|
| 3.ST264.001   | Stainless steel |



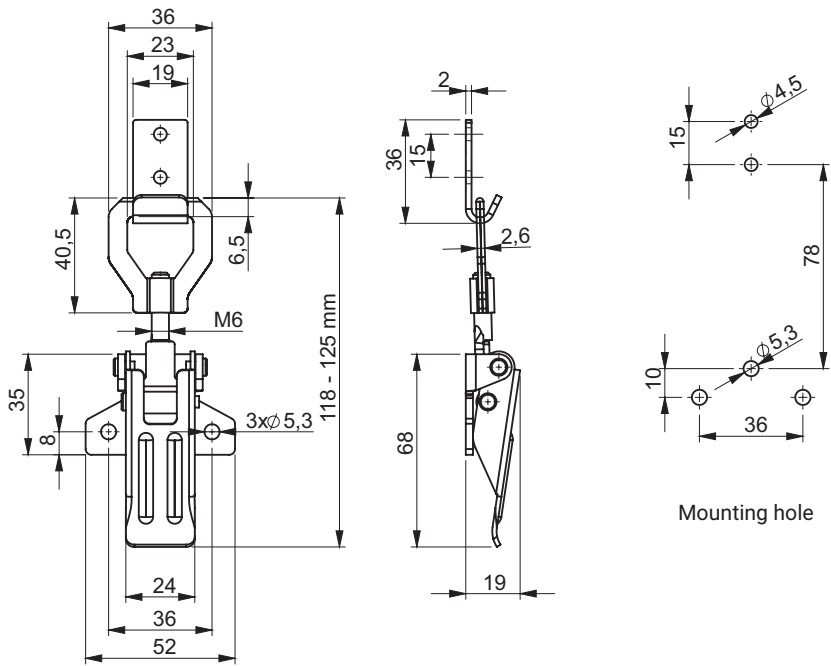
stainless steel



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

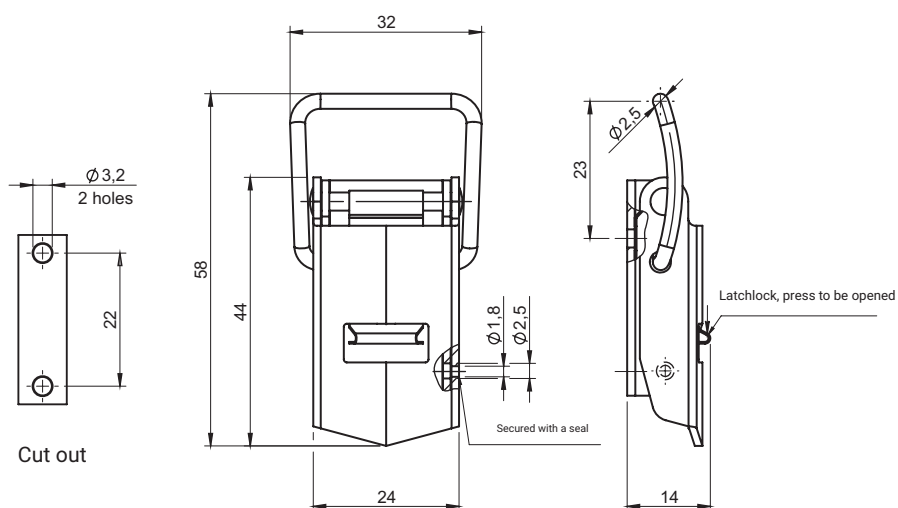


| CATALOGUE NUMBER | MATERIAL          |
|------------------|-------------------|
| 3.ST265.002      | Steel zinc plated |
| 3.ST265.002SN    | Stainless steel   |



| CATALOGUE NUMBER | MATERIAL          |
|------------------|-------------------|
| 3.ST265.003      | Steel zinc plated |
| 3.ST265.003SN    | Stainless steel   |

stainless  
steel



Preferred catch:

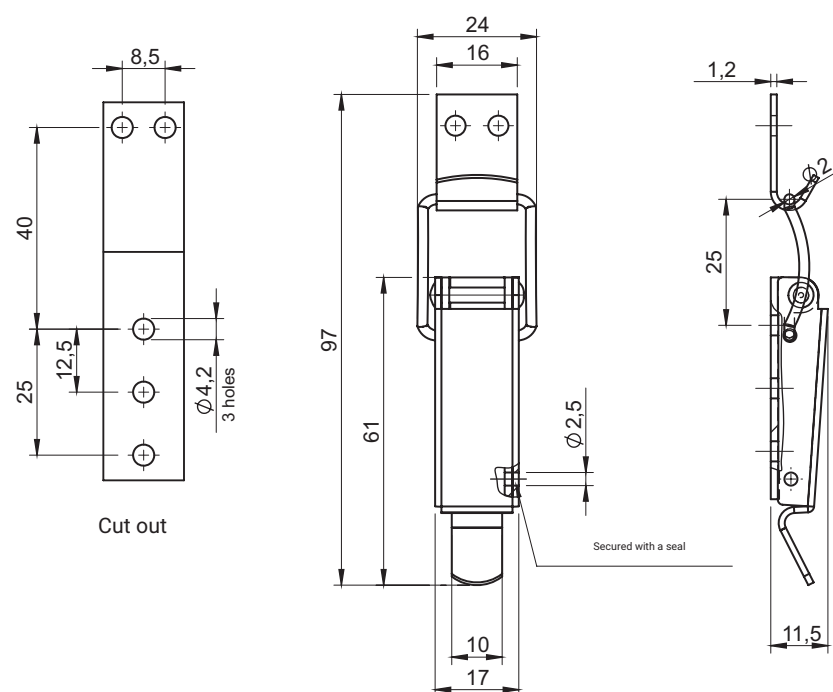
- 3.ST200.002 (2B-1)

- 3.ST200.002SN (2B-1)

Catch ordered separately

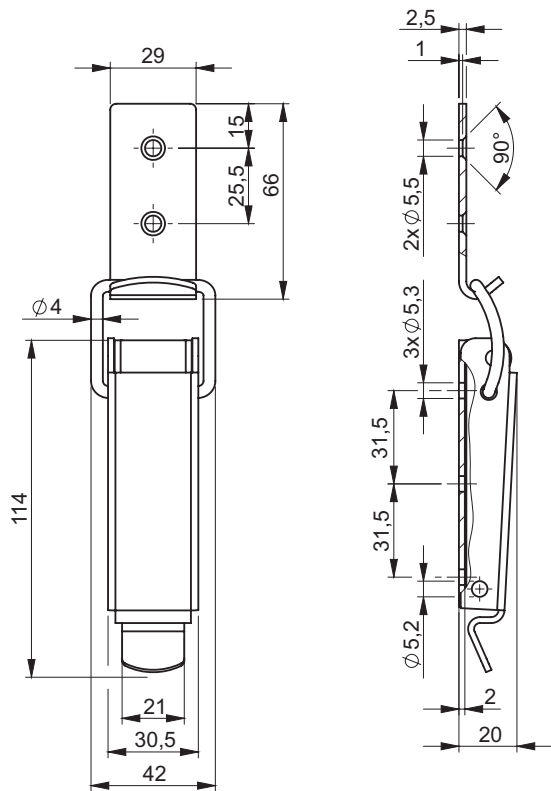
| CATALOGUE NUMBER | MATERIAL          |
|------------------|-------------------|
| 3.ST206.001*     | Steel zinc plated |
| 3.ST206.001SN*   | Stainless steel   |

stainless  
steel

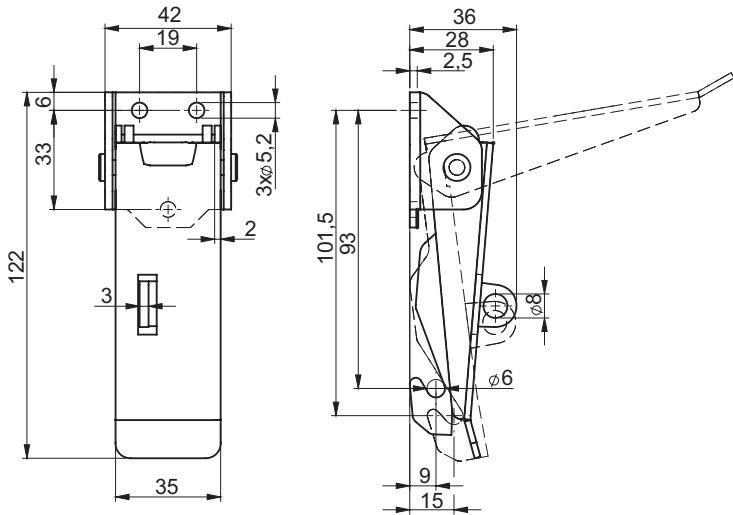


Latch supplied with a catch

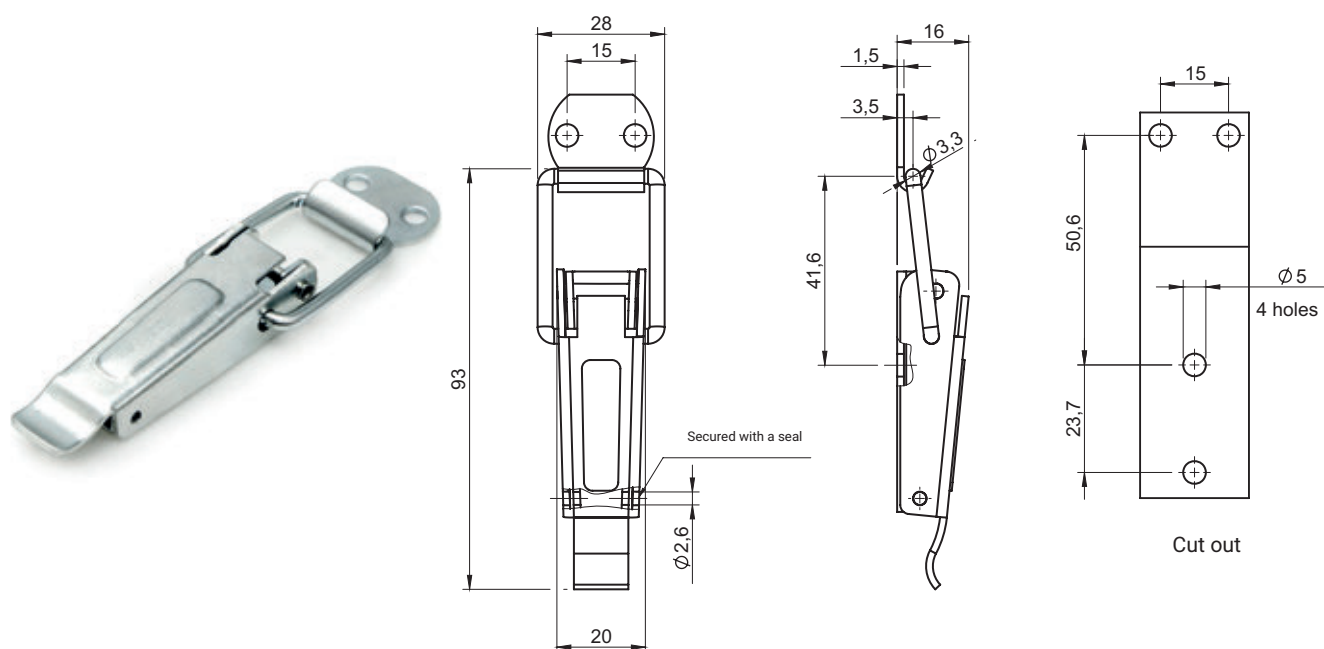
| CATALOGUE NUMBER | MATERIAL          |
|------------------|-------------------|
| 3.ST207.001      | Steel zinc plated |
| 3.ST207.001SN    | Stainless steel   |



| CATALOGUE NUMBER | MATERIAL          |
|------------------|-------------------|
| 3.ST209.001      | Steel zinc plated |
| 3.ST209.001SN    | Stainless steel   |

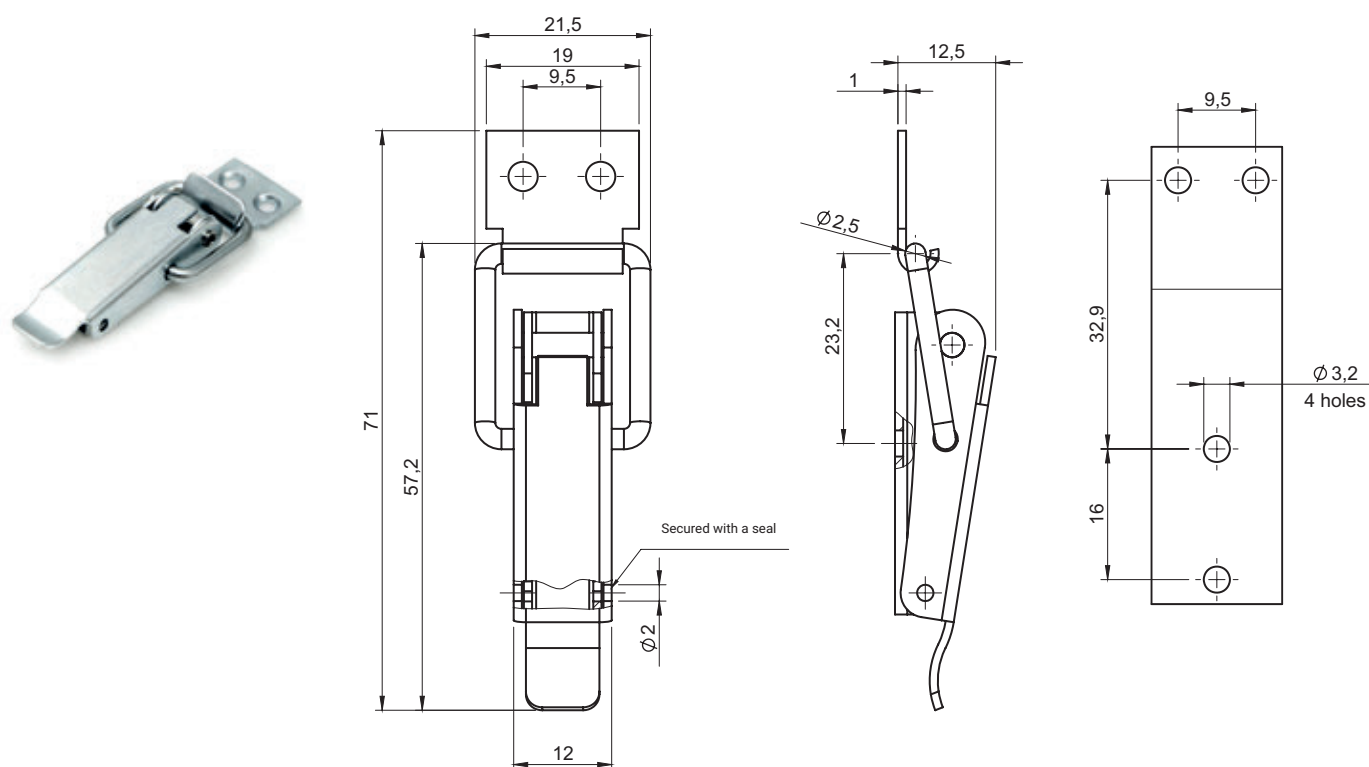


| CATALOGUE NUMBER | MATERIAL          |
|------------------|-------------------|
| 3.ST211.001      | Steel zinc plated |
| 3.ST211.001SN    | Stainless steel   |



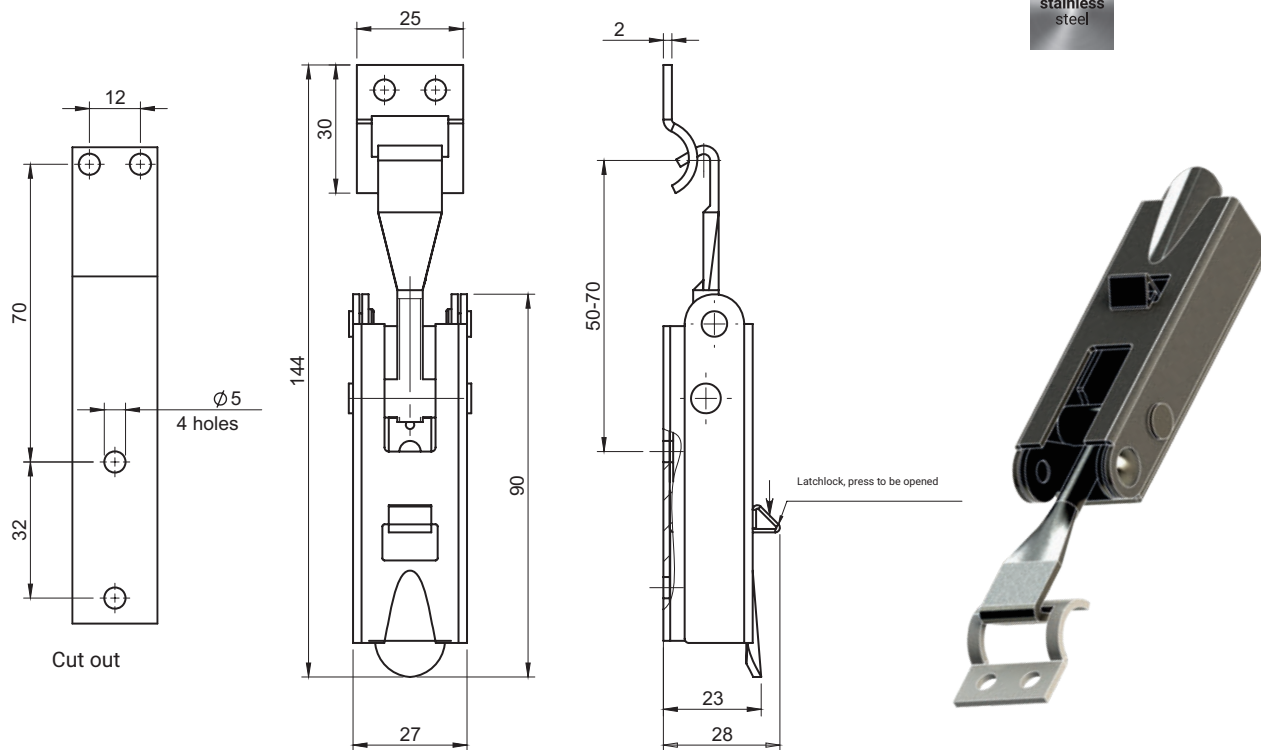
Latch supplied with a catch

| CATALOGUE NUMBER | MATERIAL          |
|------------------|-------------------|
| 3.ST261.001      | Steel zinc plated |



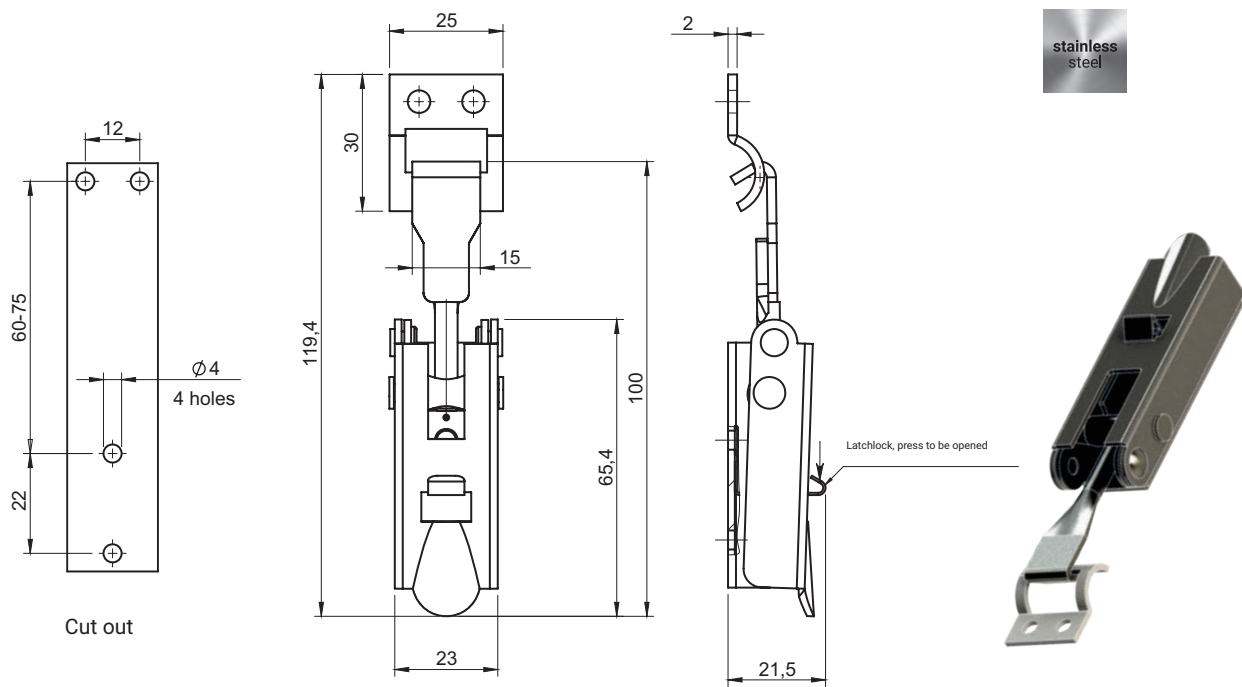
Latch supplied with a catch

| CATALOGUE NUMBER | MATERIAL          |
|------------------|-------------------|
| 3.ST262.001      | Steel zinc plated |



Latch supplied with a catch

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



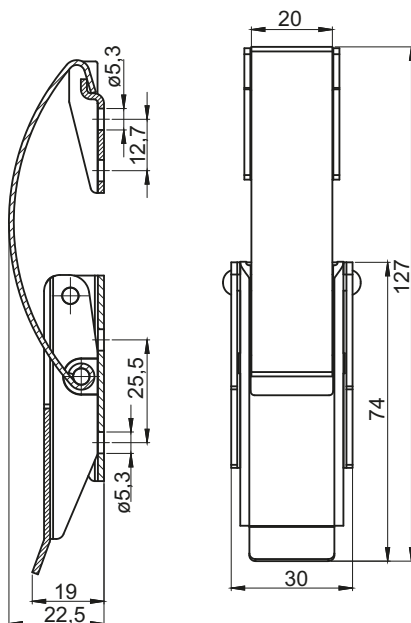
Latch supplied with a catch

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

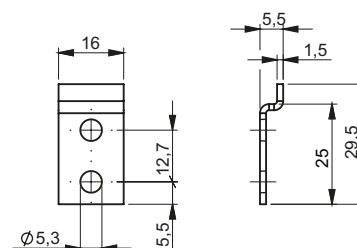
stainless  
steel



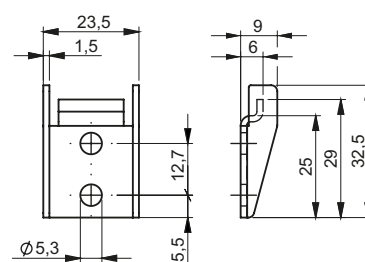
### 3.ST263.001



**3.ST263.001.04A**

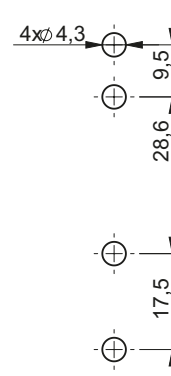
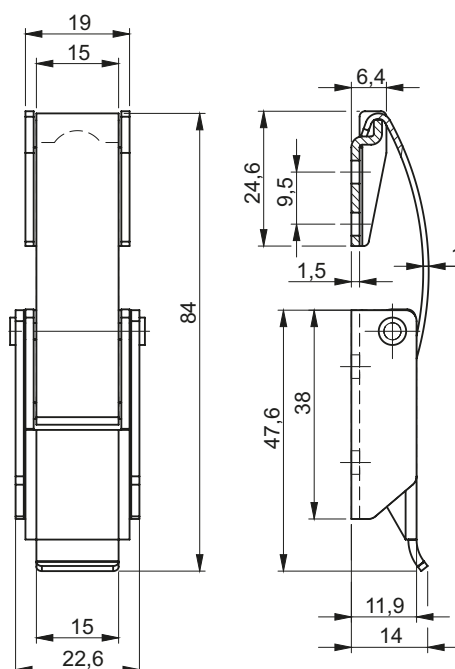


**3.ST263.001.04B**



| CATALOGUE NUMBER  | MATERIAL          | FINISH [C] |
|-------------------|-------------------|------------|
|                   |                   | RAL 9005   |
| 3.ST263.001       | Steel zinc plated | 04         |
| 3.ST263.001SN     | Stainless steel   | -          |
| 3.ST263.001.04A   | Steel zinc plated | 04         |
| 3.ST263.001.04B   |                   |            |
| 3.ST263.001.04ASN | Stainless steel   | 04         |
| 3.ST263.001.04BSN |                   |            |

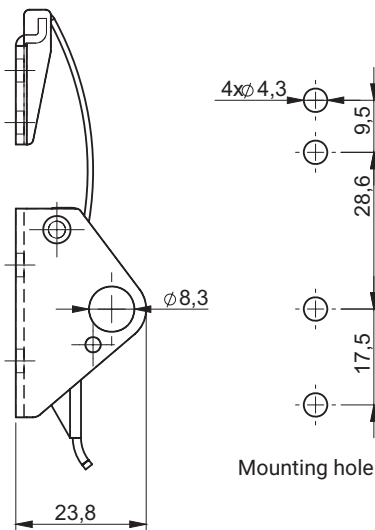
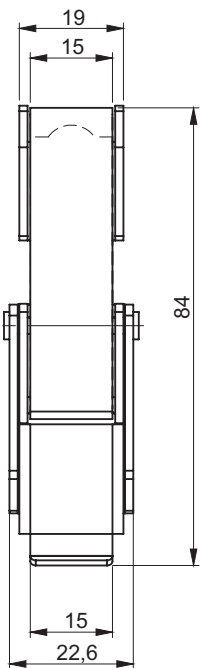
stainless  
steel



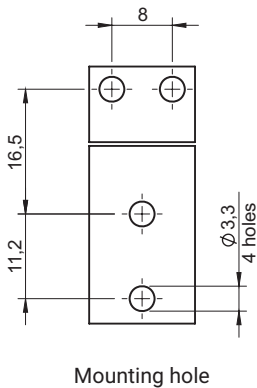
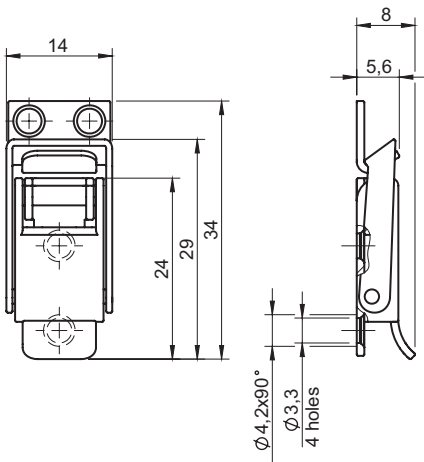
Mounting hole

| CATALOGUE NUMBER | MATERIAL          |
|------------------|-------------------|
| 3.ST263.100      | Steel zinc plated |
| 3.ST263.100SN    | Stainless steel   |



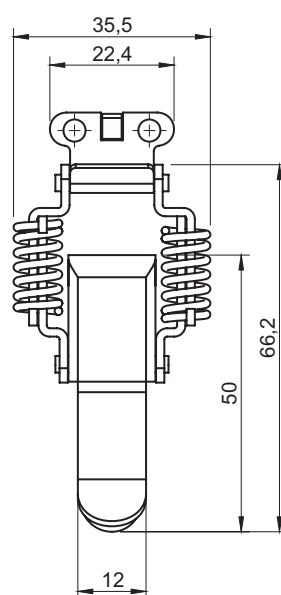


| CATALOGUE NUMBER | DETAIL                       | MATERIAL          |
|------------------|------------------------------|-------------------|
| 3.ST263.101      | Latch secured with a padlock | Steel zinc plated |
| 3.ST263.101SN    |                              | Stainless steel   |

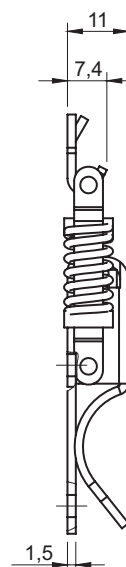


Latch supplied with a catch

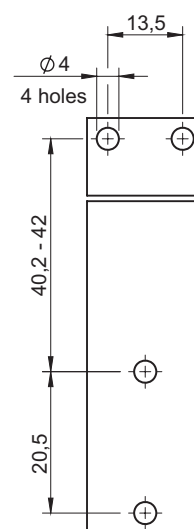
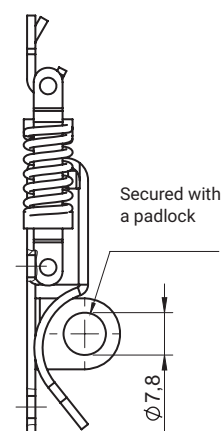
| CATALOGUE NUMBER | MATERIAL        |
|------------------|-----------------|
| 3.561.001        | Stainless steel |

stainless  
steel

3.562.001



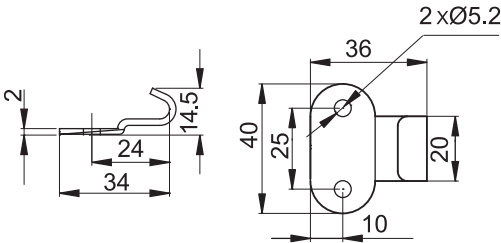
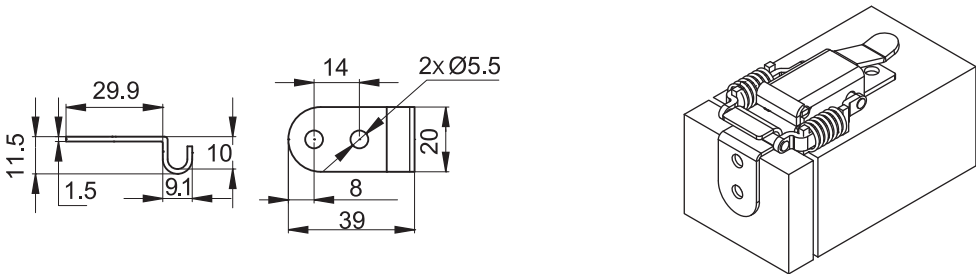
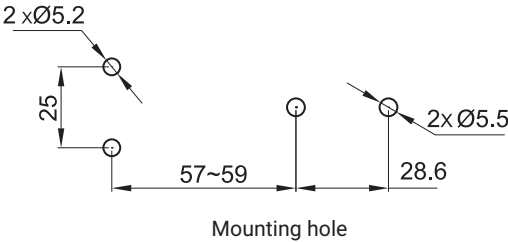
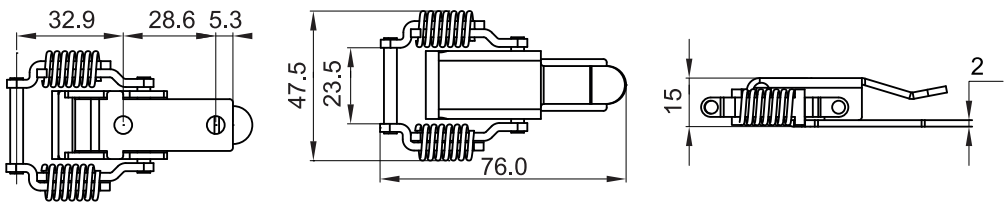
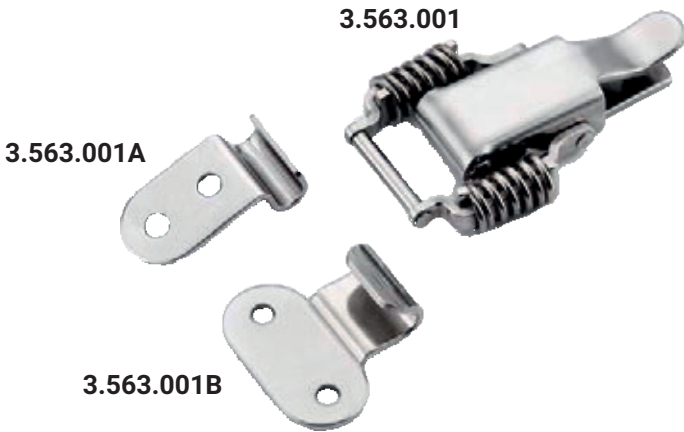
3.562.002



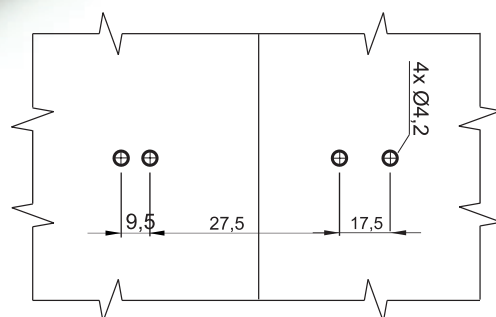
Mounting hole

Latch supplied with a catch

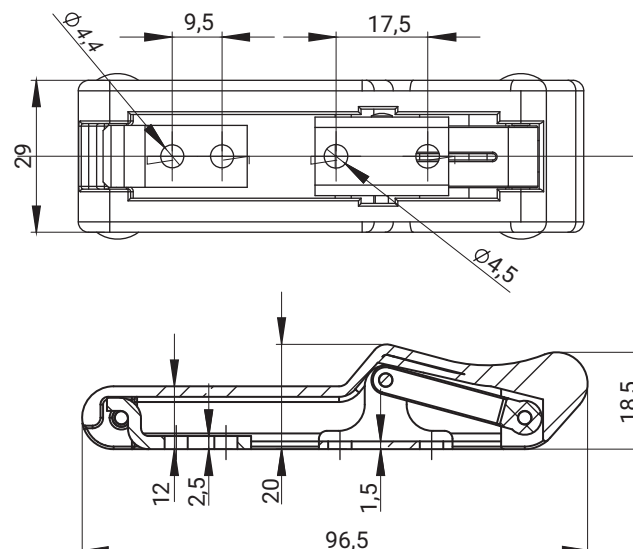
| CATALOGUE NUMBER | MATERIAL        |
|------------------|-----------------|
| 3.562.001        | Stainless steel |
| 3.562.002        | Stainless steel |



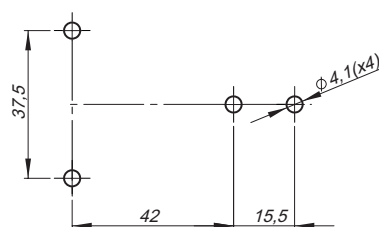
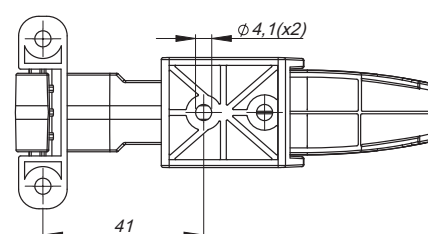
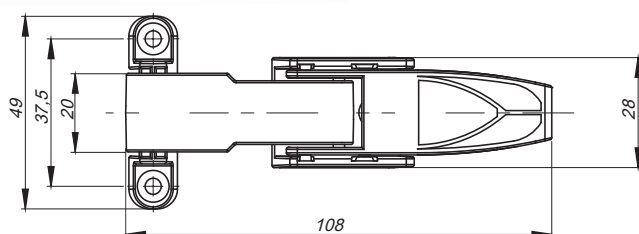
| CATALOGUE NUMBER | MATERIAL        |
|------------------|-----------------|
| 3.563.001        | Stainless steel |



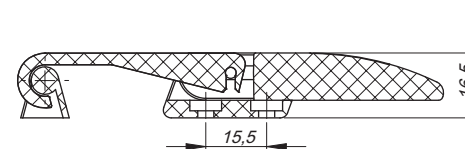
Mounting hole



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



Mounting hole



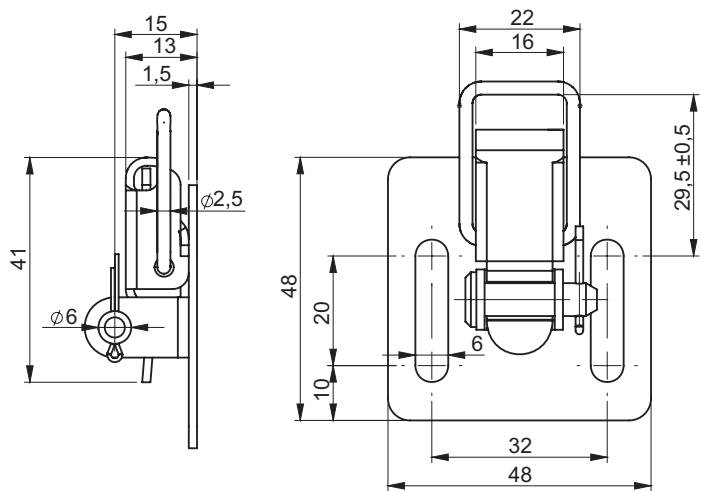
| CATALOGUE NUMBER | MATERIAL | FINISH [C] |          |
|------------------|----------|------------|----------|
|                  |          | RAL 9005   | RAL 7035 |
| 4.491.001        | PP       | 07         | 08       |

How to order :

 Catalogue number  
 Finish

4.491.001 - C

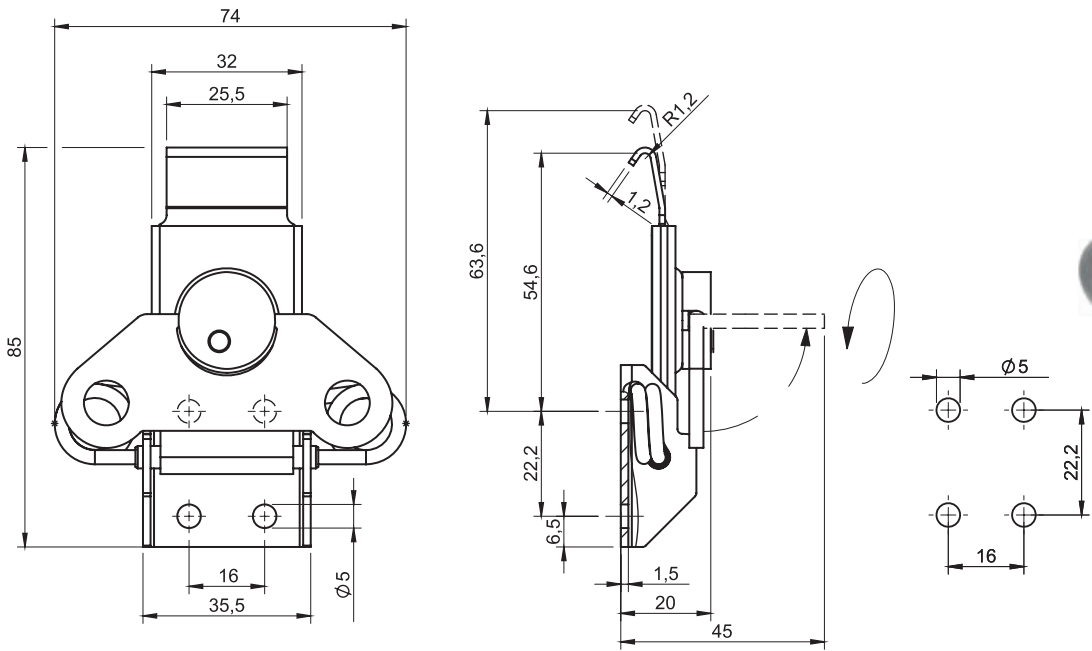
stainless  
steel



Latch with protection against unwanted opening.  
Latch compatible with a catch 3.ST200.003SN - ordered separately.

| CATALOGUE NUMBER | MATERIAL          |
|------------------|-------------------|
| 3.ST264.002      | Steel zinc plated |
| 3.ST264.002SN    | Stainless steel   |

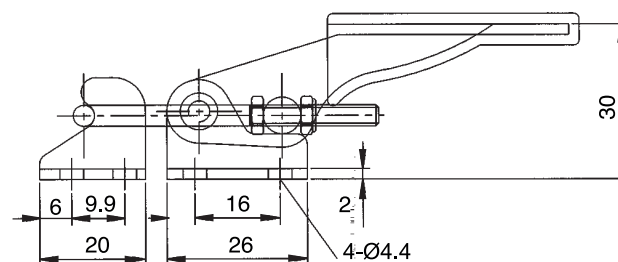
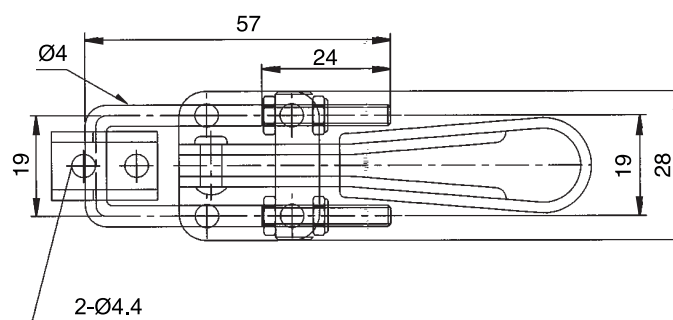
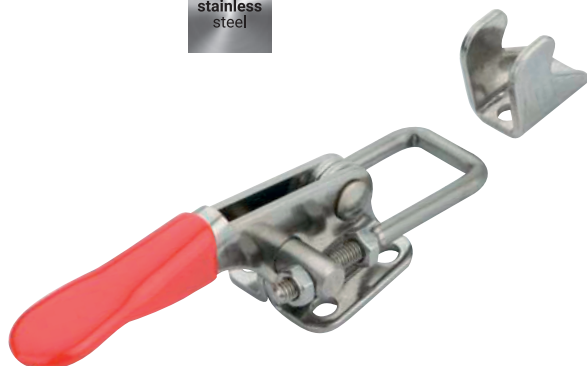
stainless  
steel



Latch opens by lifting the knob and turning counterclockwise.

| CATALOGUE NUMBER | MATERIAL        |
|------------------|-----------------|
| 3.ST267.001SN    | Stainless steel |

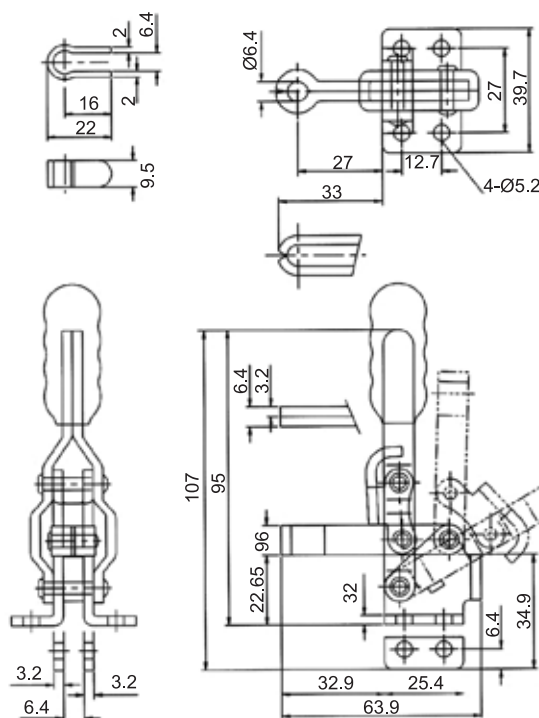
stainless  
steel



Note: Maximum load 160kg

| CATALOGUE NUMBER | MATERIAL        |
|------------------|-----------------|
| 3.565.001        | Stainless steel |

stainless  
steel

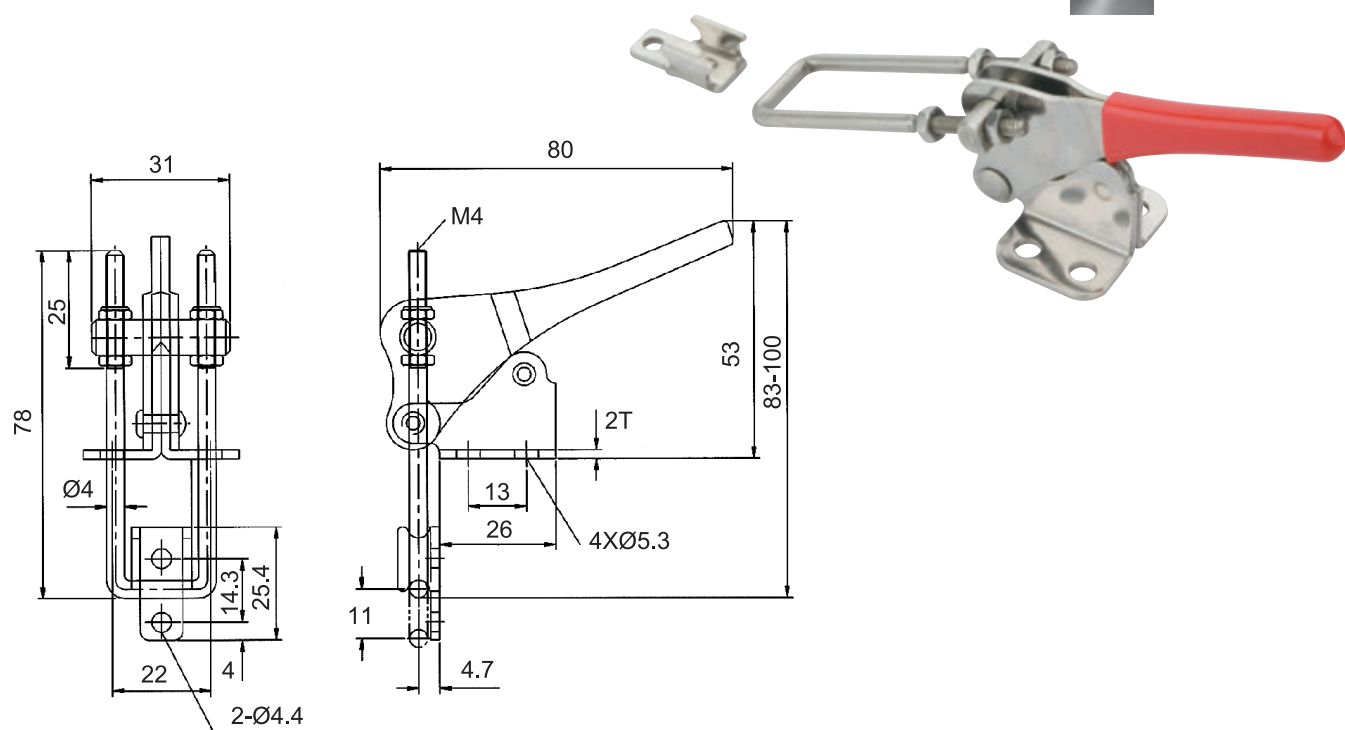


Note: Maximum load 95kg

| CATALOGUE NUMBER | MATERIAL        |
|------------------|-----------------|
| 3.566.001        | Stainless steel |

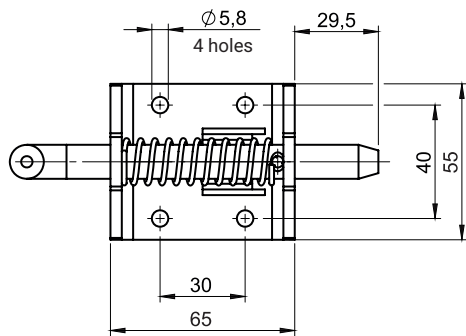
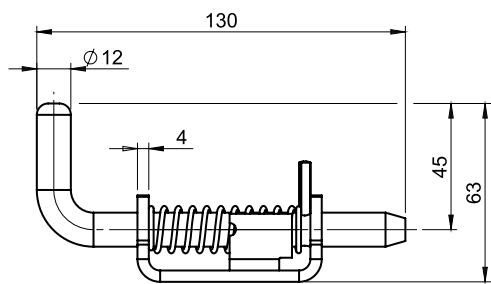
Latch 3.567  
Bolt 4.700

stainless  
steel

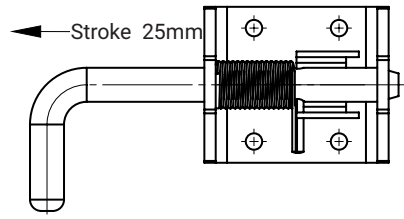


Note: Maximum load 225kg

| CATALOGUE NUMBER | MATERIAL        |
|------------------|-----------------|
| 3.567.001        | Stainless steel |



Locked Position



Open Position



| CATALOGUE NUMBER | COMPONENTS              | MATERIAL          |
|------------------|-------------------------|-------------------|
| 4.700.001        | Base Mount, Locking Pin | Steel zinc plated |
|                  | Spring                  | Stainless steel   |
| 4.700.001SN      | Base Mount, Locking Pin | Stainless steel   |







1

Locking  
systems

2

Locks  
Latches



3

External hinges

4

Clamps



5

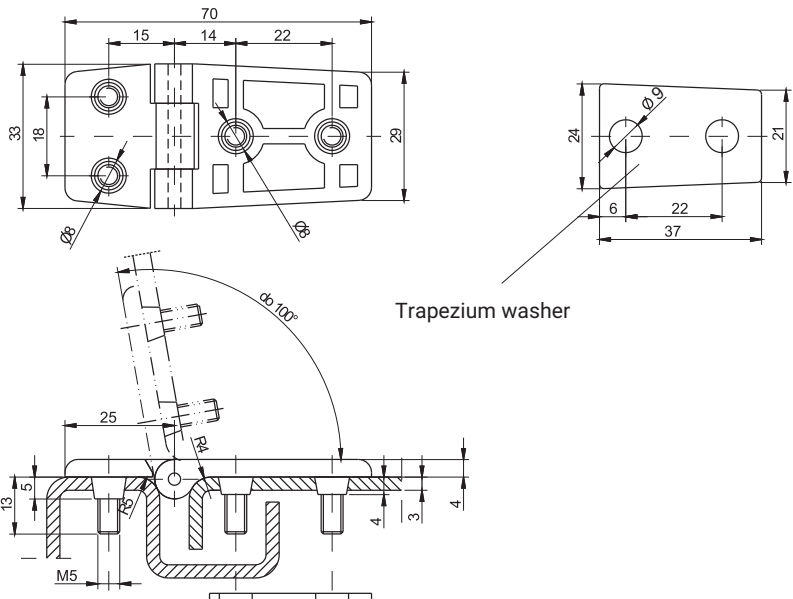
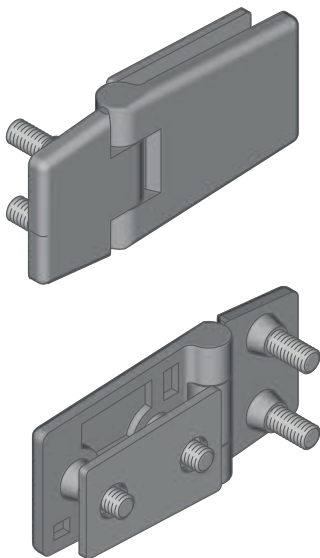
Accessories

6

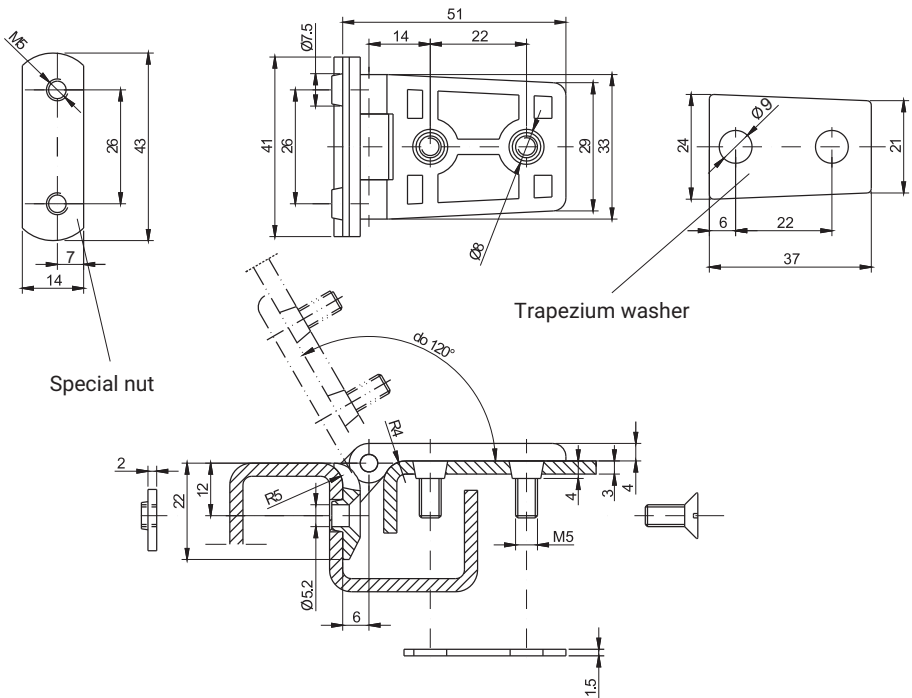
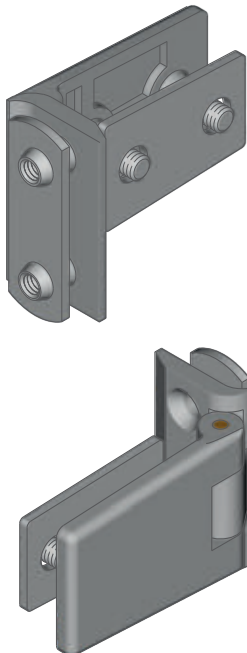
Gasketing  
profiles

7

Custom  
products



| 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 |            |          |

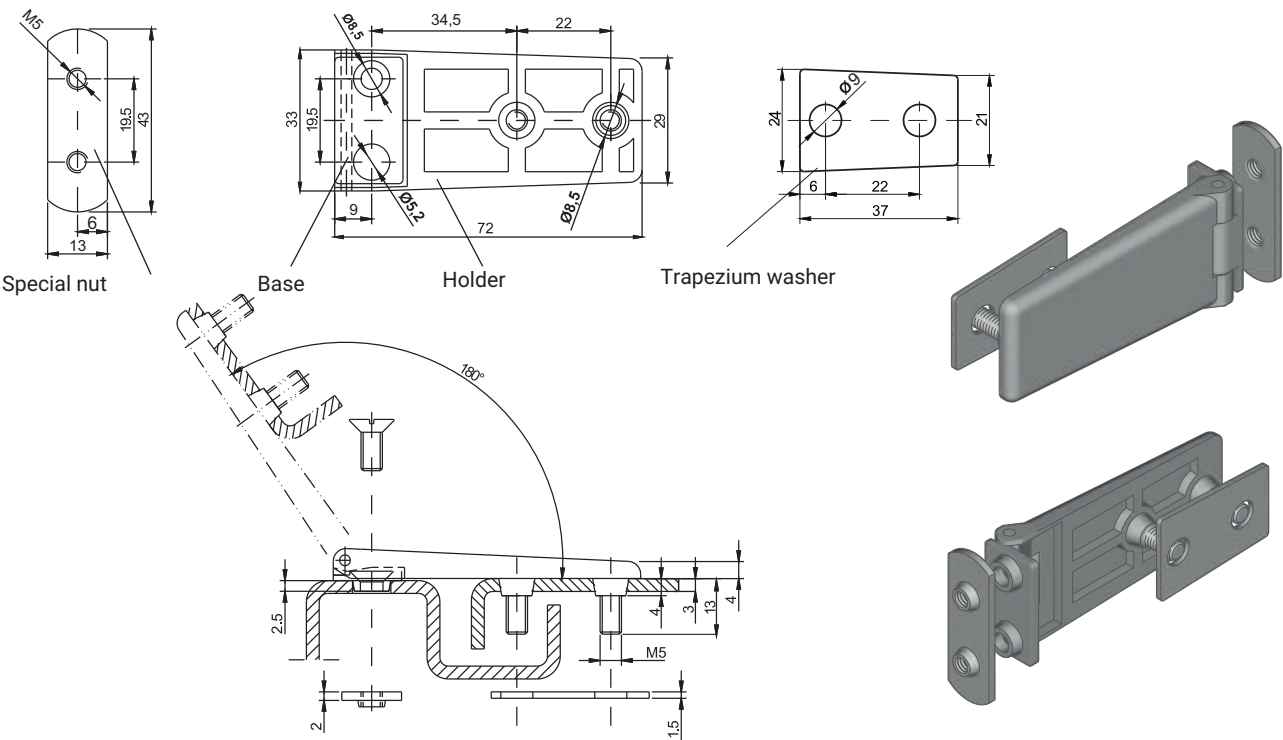


| CATALOGUE NUMBER | COMPONENTS   | MATERIAL          | FINISH [C] |          |
|------------------|--------------|-------------------|------------|----------|
|                  |              |                   | RAL 9005   | RAL 7035 |
| 3.ZN2.001        | Holder, Base | ZAMAK 5           | 04  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

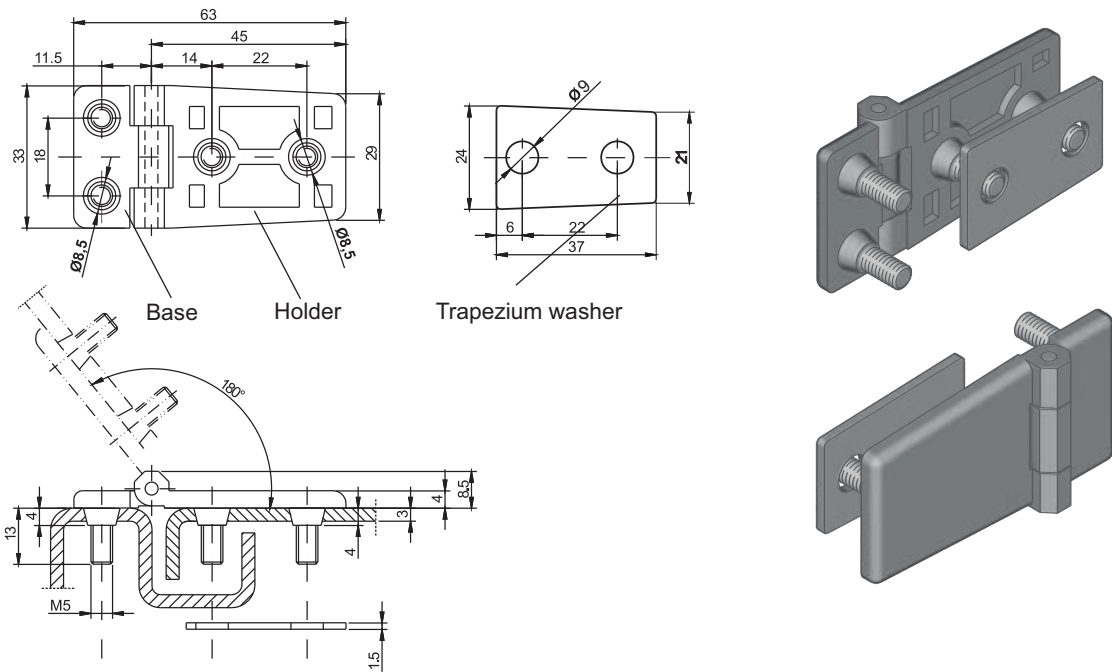
How to order:

Catalogue number  
Finish

3.ZN1.001 — C



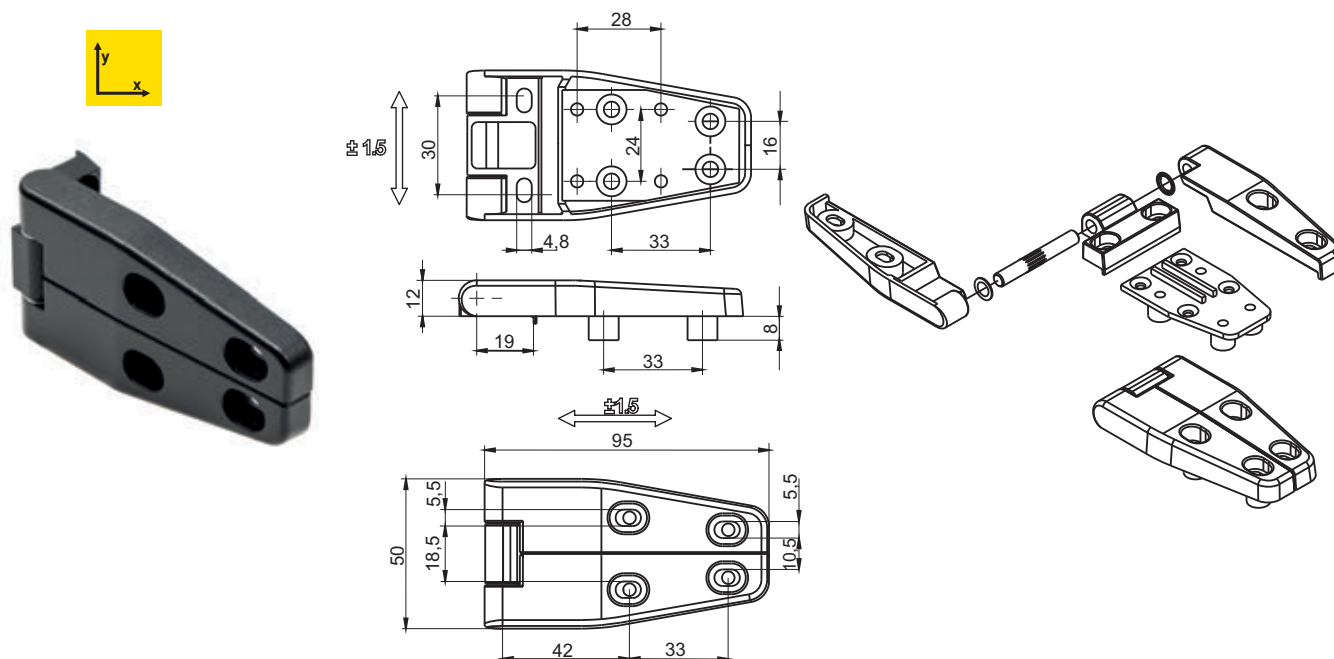
| CATALOGUE NUMBER | COMPONENTS    | MATERIAL          | FINISH [C] |          |
|------------------|---------------|-------------------|------------|----------|
|                  |               |                   | RAL 9005   | RAL 7035 |
| 3.ZN3.001        | Holder, Base, | ZAMAK 5           | 04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



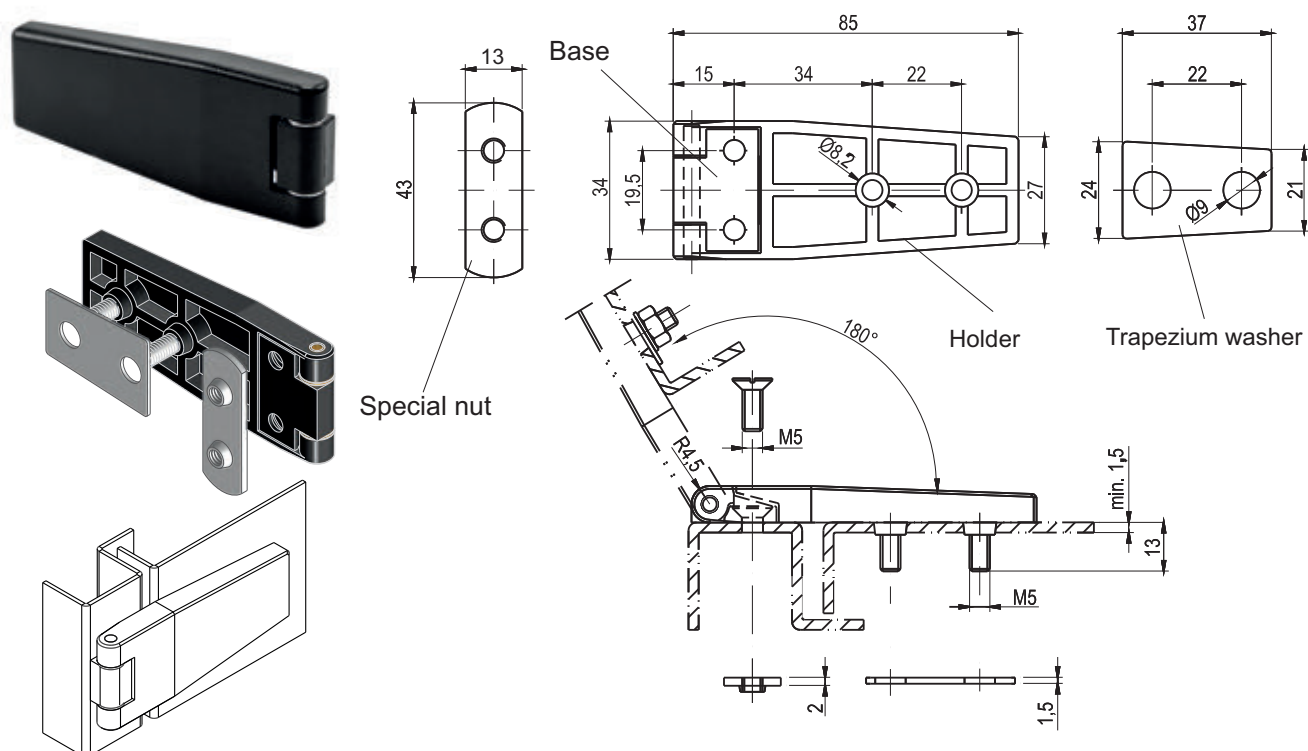
| CATALOGUE NUMBER | COMPONENTS    | MATERIAL          | FINISH [C] |          |
|------------------|---------------|-------------------|------------|----------|
|                  |               |                   | RAL 9005   | RAL 7035 |
| 3.ZN4.001        | Holder, Base, | ZAMAK 5           | 04         | 05       |
|                  | Pin           | Brass             |            |          |
|                  | Washer        | 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<br>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<br>Washer, Nut | Steel zinc plated |            |          |

How to order:

Catalogue number

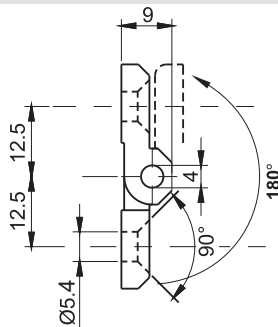
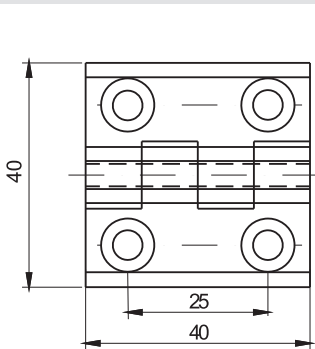
Finish

3.ZN115.001 — C

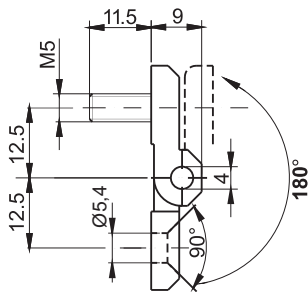
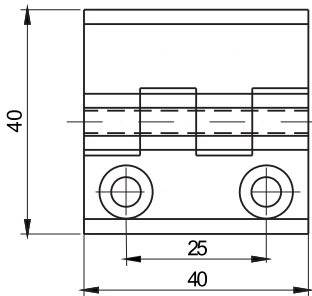
3A-3

| External hinges

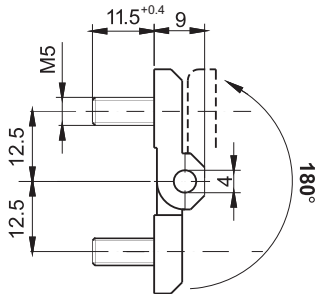
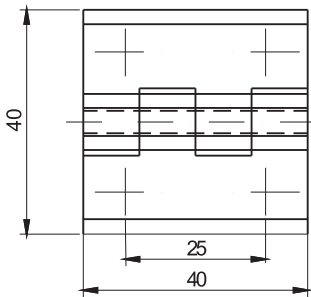
www.roztocze.eu



| 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             |

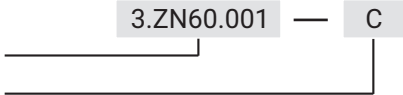


| CATALOGUE NUMBER | COMPONENTS   | MATERIAL            | FINISH [C] |         |         |
|------------------|--------------|---------------------|------------|---------|---------|
|                  |              |                     | Chrome     | RAL9005 | RAL7035 |
| 3.ZN60.004       | Holder,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

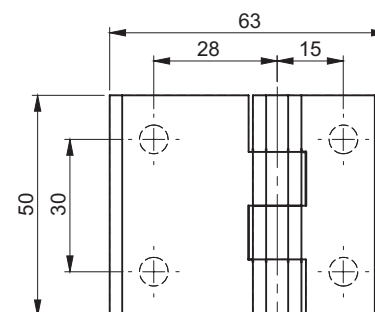
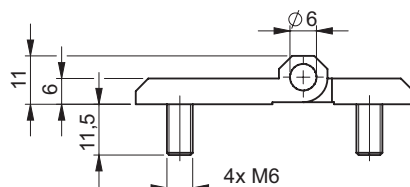
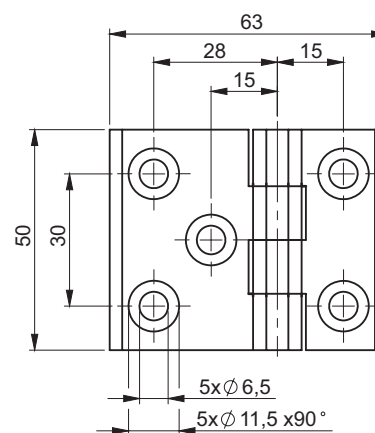
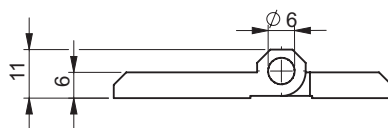
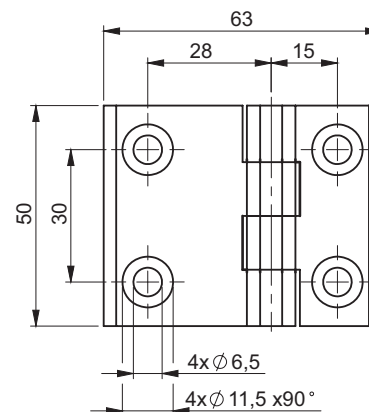
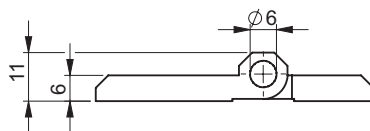


| CATALOGUE NUMBER | COMPONENTS   | MATERIAL            | FINISH [C] |         |         |
|------------------|--------------|---------------------|------------|---------|---------|
|                  |              |                     | Chrome     | RAL9005 | RAL7035 |
| 3.ZN60.002       | Holder,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

How to order:  
Catalogue number  
Finish



## 3.509.XY



where:

**X** - the way of assembling the hinge

0 - version with 4 holes

1 - version with 5 holes

3 - version with 4 screw

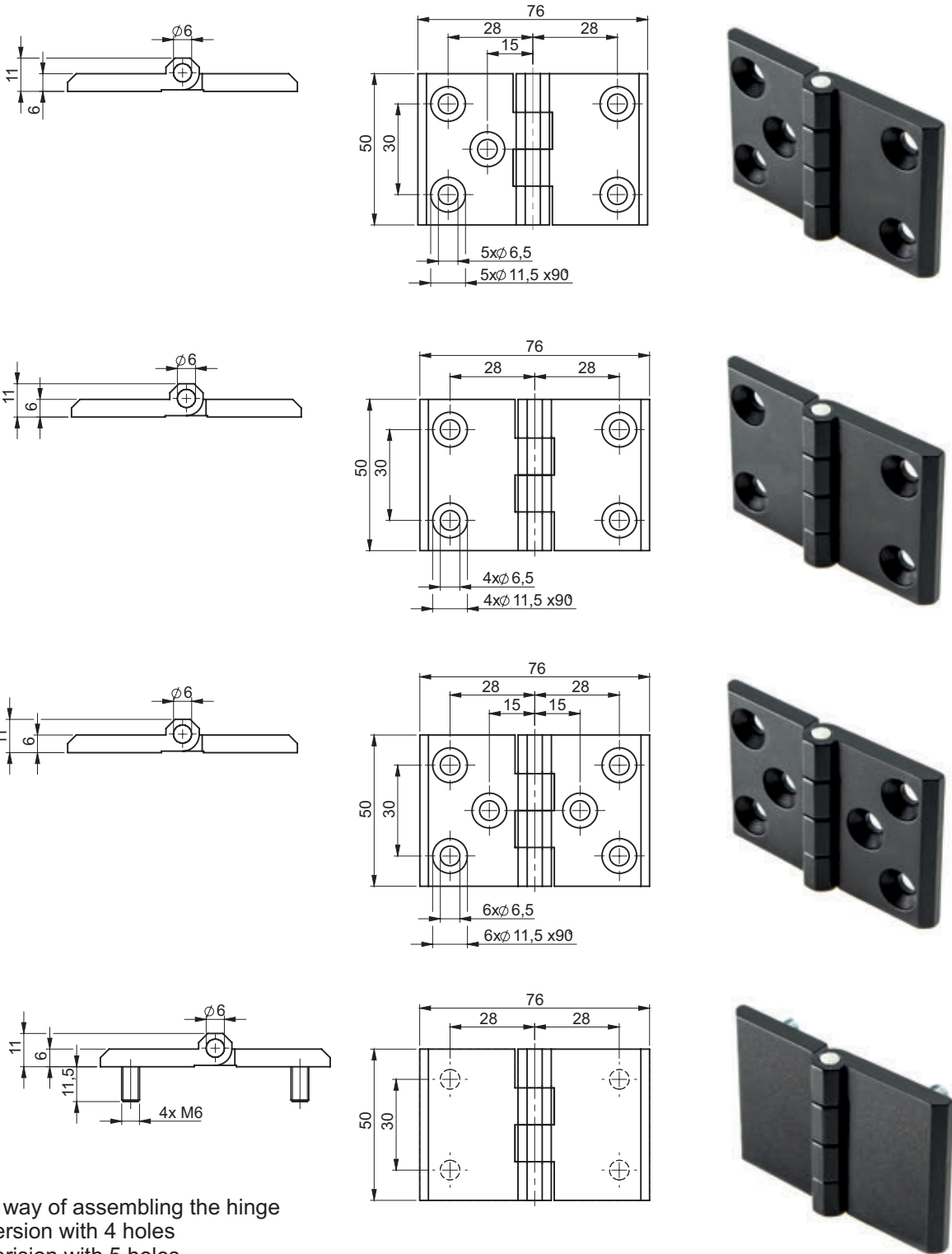
**Y** - finish

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 |

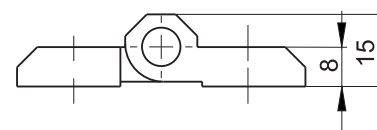
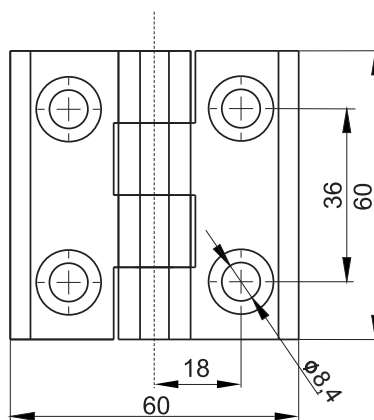


where:  
**X** - the way of assembling the hinge  
0 - version with 4 holes  
1 - version with 5 holes  
2 - version with 6 holes  
3 - version with 4 screw  
**Y** - finish  
1 - Chrome  
2 - RAL 9005  
3 - Polyamide

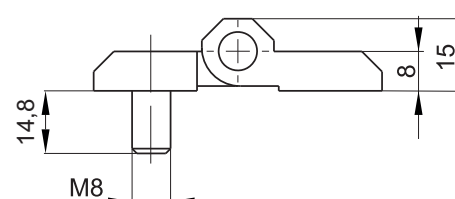
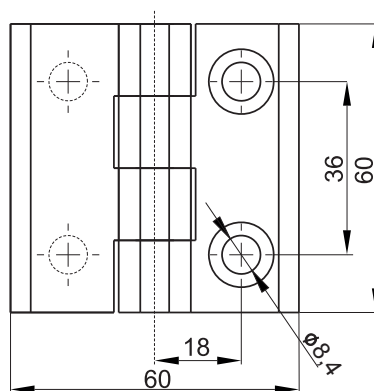
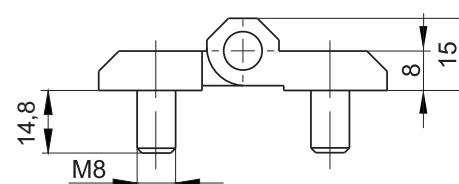
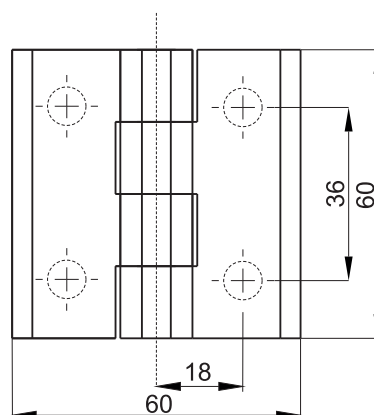
| HINGE | FINISH |    |    |
|-------|--------|----|----|
|       | 01     | 02 | -  |
|       | 11     | 12 | -  |
|       | 21     | 22 | 23 |
|       | 31     | 32 | -  |

| 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

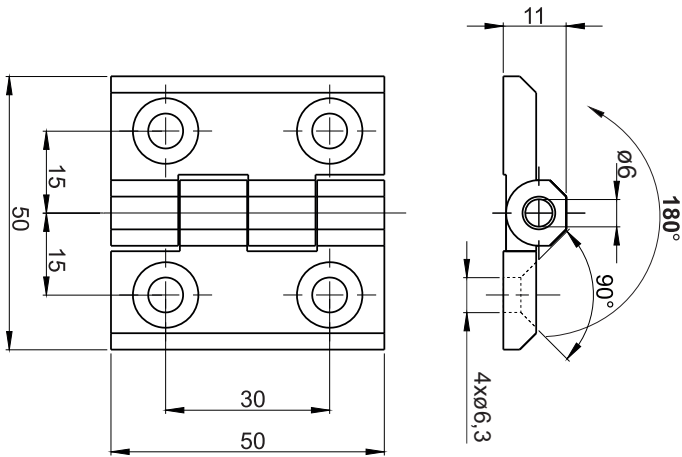
1 - Chrome

2 - RAL 9005

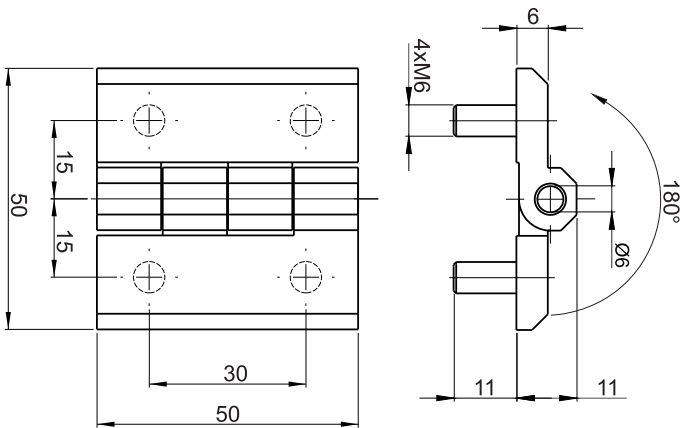
| HINGE    | FINISH |    |
|----------|--------|----|
| 3.511.XY | 11     | 12 |
|          | 21     | 22 |
|          | 31     | 32 |

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

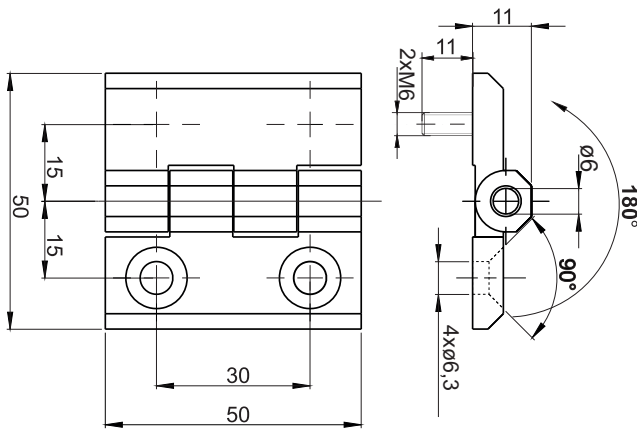




| CATALOGUE NUMBER | COMPONENTS   | MATERIAL  | FINISH [C] |         |         |
|------------------|--------------|-----------|------------|---------|---------|
|                  |              |           | Chrome     | RAL9005 | RAL7035 |
| 3.ZN65.001       | Holder, Base | ZAMAK 5 * | 01       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

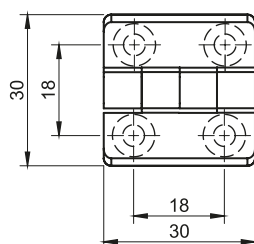


| CATALOGUE NUMBER | COMPONENTS   | MATERIAL           | FINISH [C] |         |         |
|------------------|--------------|--------------------|------------|---------|---------|
|                  |              |                    | Chrome     | RAL9005 | RAL7035 |
| 3.ZN65.003       | Holder, Base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

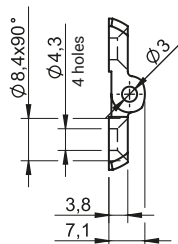
How to order:

|                  |            |   |   |
|------------------|------------|---|---|
| Catalogue number | 3.ZN65.001 | — | C |
| Finish           |            |   |   |

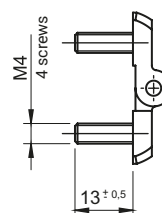
NEW



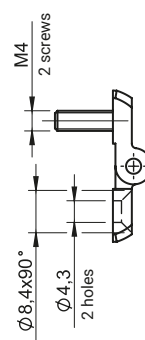
3.ZN30.101



3.ZN30.102

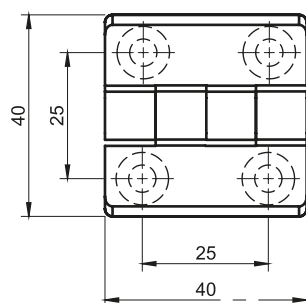


3.ZN30.103

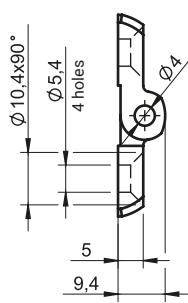


| CATALOGUE NUMBER | COMPONENTS   | MATERIAL          | FINISH [C] |
|------------------|--------------|-------------------|------------|
|                  |              |                   | RAL 9005   |
| 3.ZN30.101       | Holder, Base | Polyamide         | 07         |
| 3.ZN30.102       | Pin          | Stainless steel   | -          |
| 3.ZN30.103       | Screws       | Steel zinc plated | -          |

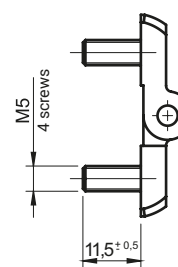
NEW



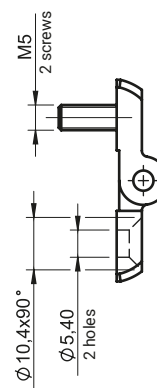
3.ZN60.101



3.ZN60.102

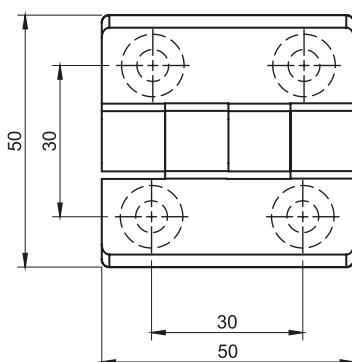


3.ZN60.103

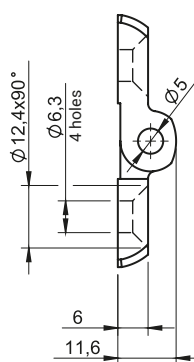


| CATALOGUE NUMBER | COMPONENTS   | MATERIAL          | FINISH [C] |
|------------------|--------------|-------------------|------------|
|                  |              |                   | RAL 9005   |
| 3.ZN60.101       | Holder, Base | Polyamide         | 07         |
| 3.ZN60.102       | Pin          | Stainless steel   | -          |
| 3.ZN60.103       | Screws       | Steel zinc plated | -          |

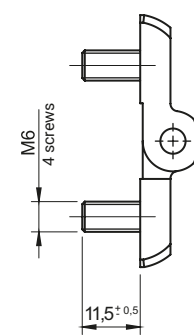
NEW



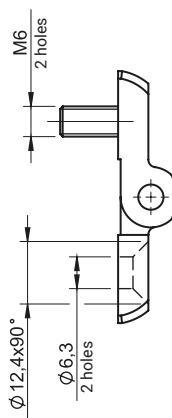
3.ZN65.101



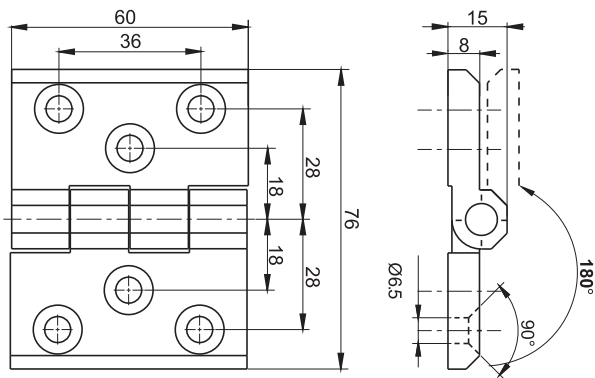
3.ZN65.102



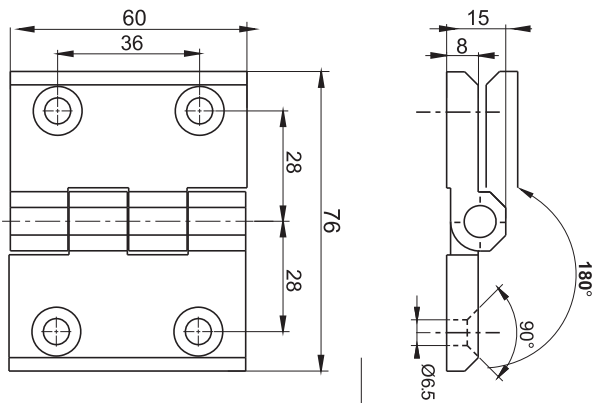
3.ZN65.103



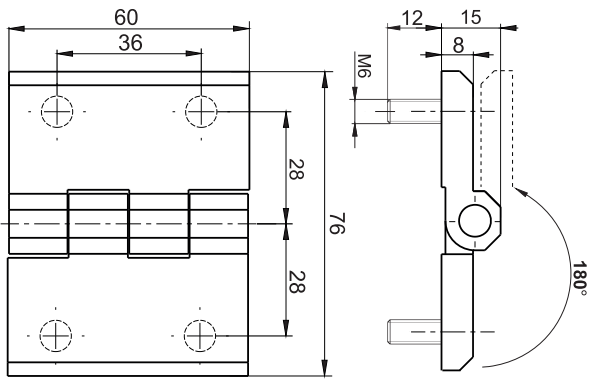
| CATALOGUE NUMBER | COMPONENTS   | MATERIAL          | FINISH [C] |
|------------------|--------------|-------------------|------------|
|                  |              |                   | RAL 9005   |
| 3.ZN65.101       | Holder, Base | Polyamide         | 07         |
| 3.ZN65.102       | Pin          | Stainless steel   | -          |
| 3.ZN65.103       | Screws       | Steel zinc plated | -          |



| 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 |            |         |         |

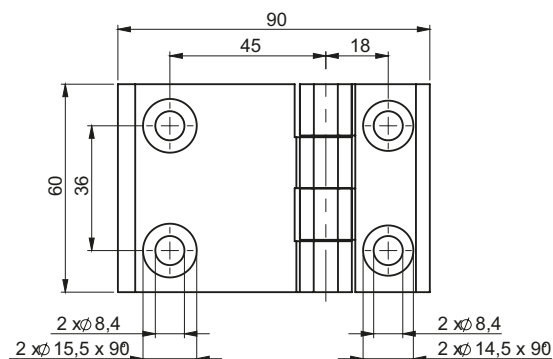
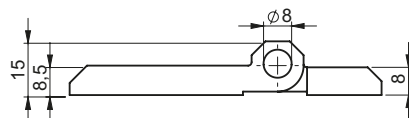


| CATALOGUE NUMBER | COMPONENTS   | MATERIAL           | FINISH [C] |         |
|------------------|--------------|--------------------|------------|---------|
|                  |              |                    | RAL9005    | RAL7035 |
| 3.ZN66.003       | Holder, Base | ZAMAK 5            | 04 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

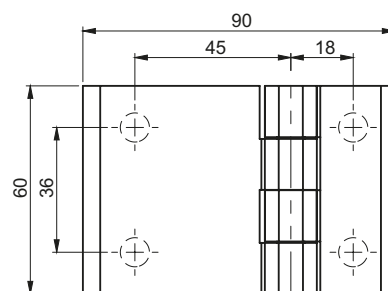
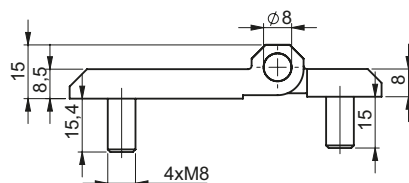
How to order: 3.ZN66.001 — C  
Catalogue number  
Finish



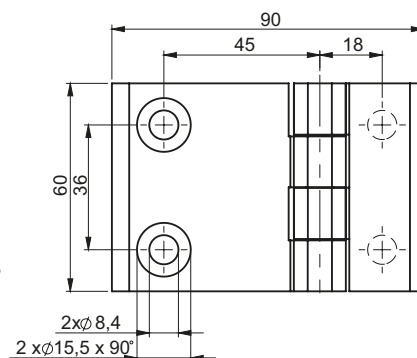
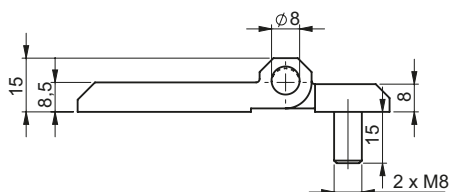
**X=1**



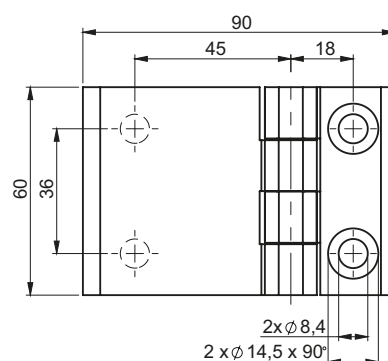
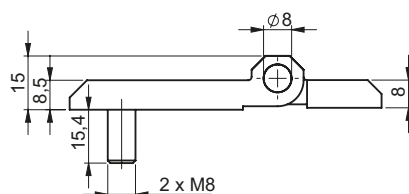
**X=2**



**X=3**



**X=4**



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

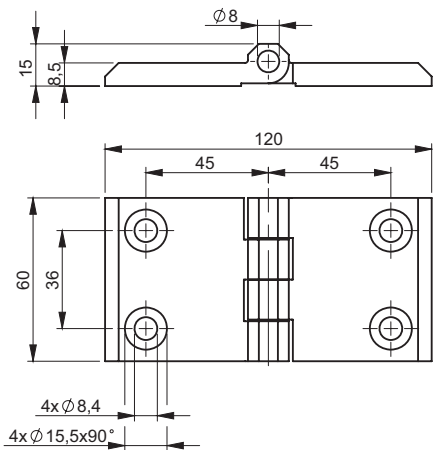
**Y** - finish

1 - Chrome

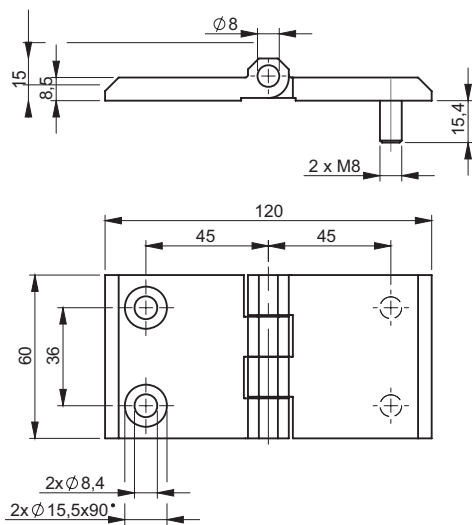
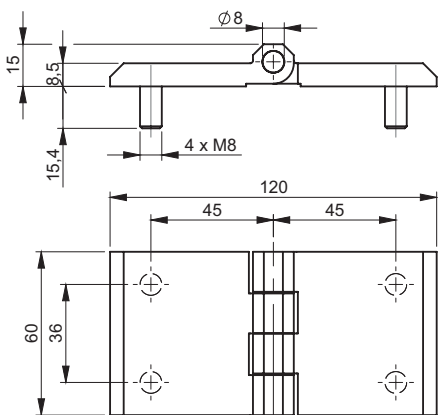
2 - RAL 9005

| HINGE    | FINISH |    |
|----------|--------|----|
| 3.512.XY | 11     | 12 |
|          | 21     | 22 |
|          | 31     | 32 |
|          | 41     | 42 |

| CATALOGUE NUMBER | COMPONENTS   | MATERIAL        |
|------------------|--------------|-----------------|
| 3.512.XY*        | Holder, Base | ZAMAK 5         |
|                  | Pin          | Stainless steel |



Use screws  
M8 DIN965

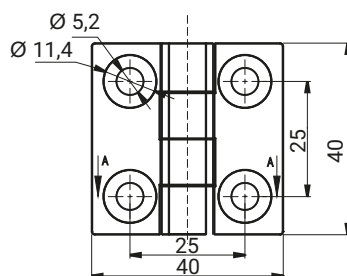


where:

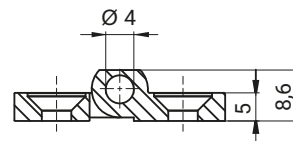
- X** - the way of assembling the hinge
  - 1 - version with 4 holes
  - 2 - version with 4 threaded pins
  - 3 - version with 2 holes and 2 threaded pins
- Y** - finish
  - 1 - Chrome
  - 2 - RAL 9005

| 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 |

stainless  
steel

A-A



## CATALOGUE NUMBER

3.541.001SN

## COMPONENTS

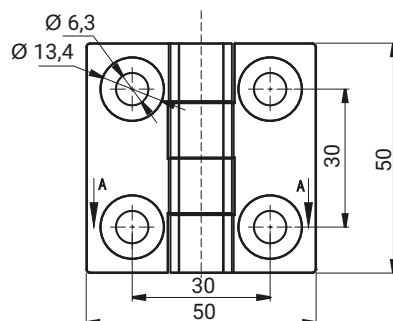
Holder, Base

## MATERIAL

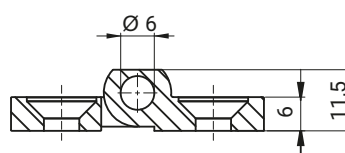
Stainless steel

## FINISH

Burnished

stainless  
steel

A-A



## CATALOGUE NUMBER

3.541.002SN

## COMPONENTS

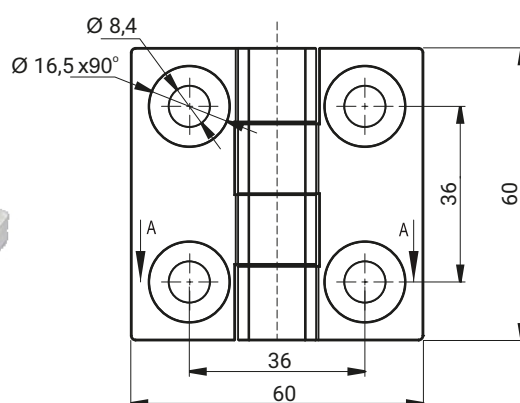
Holder, Base

## MATERIAL

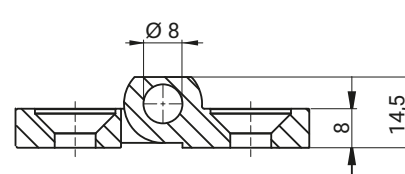
Stainless steel

## FINISH

Burnished

stainless  
steel

A-A



## CATALOGUE NUMBER

3.541.003SN

## COMPONENTS

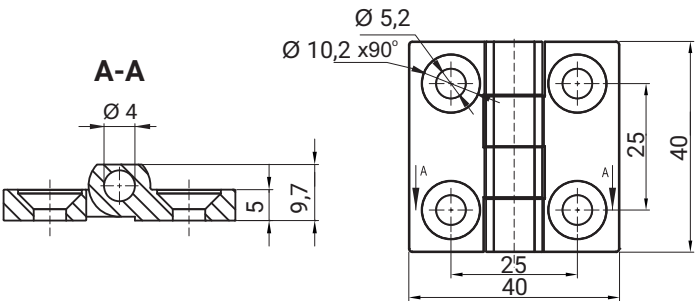
Holder, Base

## MATERIAL

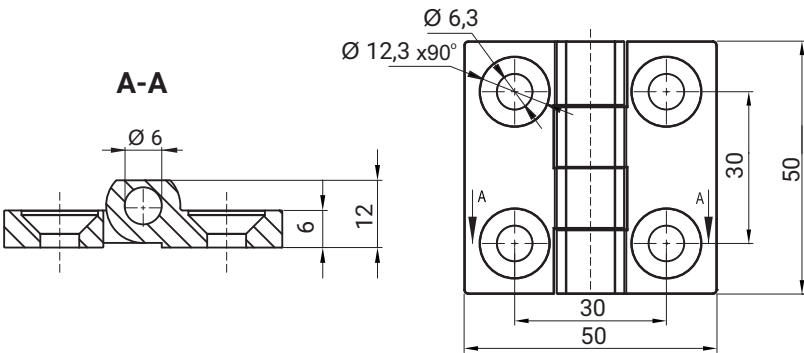
Stainless steel

## FINISH

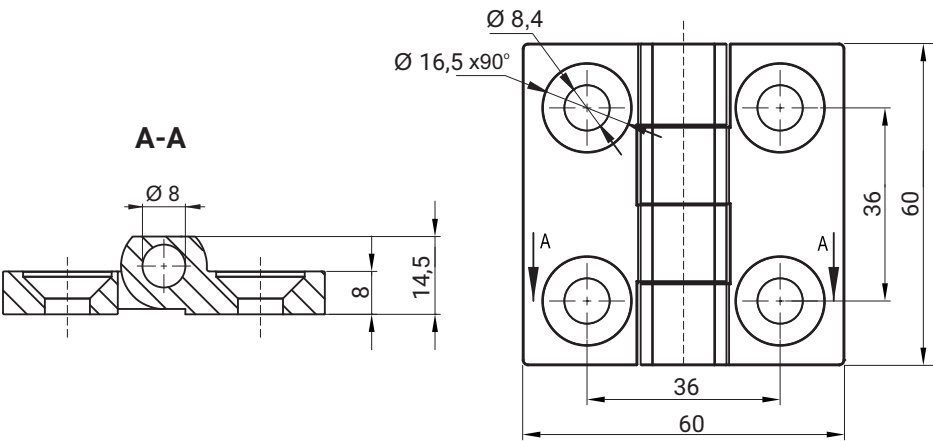
Burnished



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

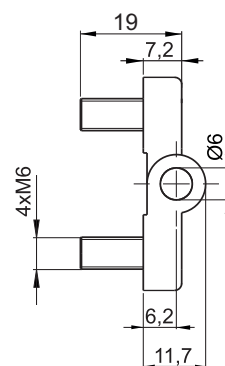
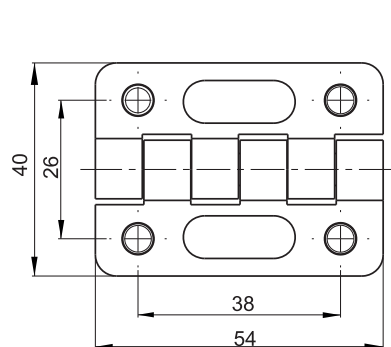


| CATALOGUE NUMBER | COMPONENTS   | MATERIAL        | FINISH [C] |
|------------------|--------------|-----------------|------------|
|                  |              |                 | RAL 9005   |
| 3.540.002SN      | Holder, Base | Stainless steel | 04         |



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





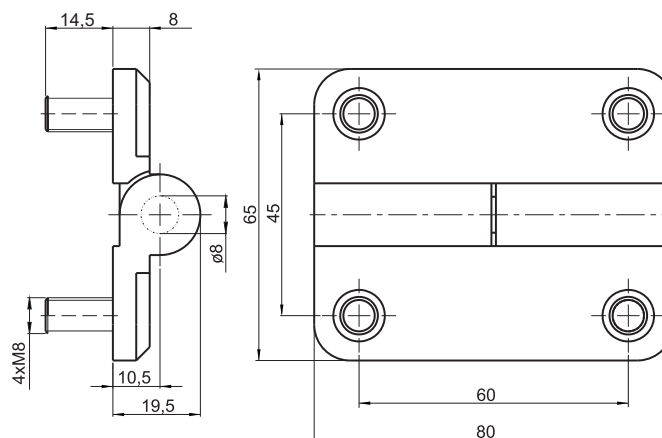
| CATALOGUE NUMBER | COMPONENTS   | MATERIAL          | FINISH [C] |  |
|------------------|--------------|-------------------|------------|--|
|                  |              |                   | RAL 9005   |  |
| 3.ZN68.001*      | Holder, Base | ZAMAK 5           | 04         |  |
|                  | 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.

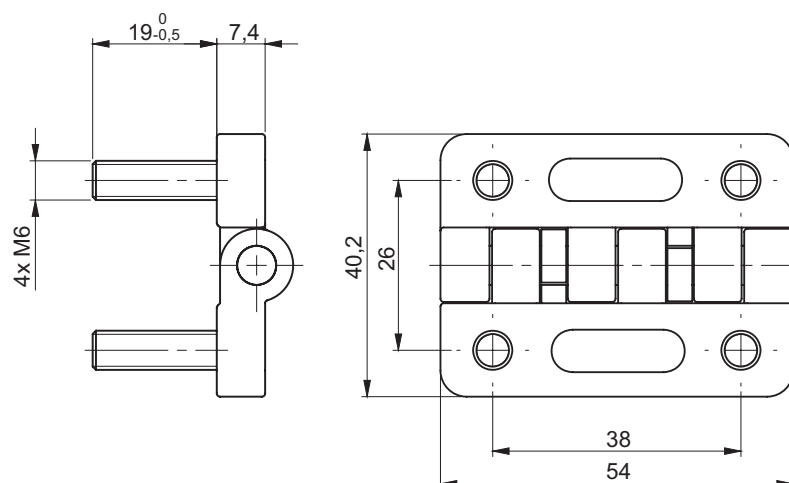
**How to order:**

Catalogue number

Finish

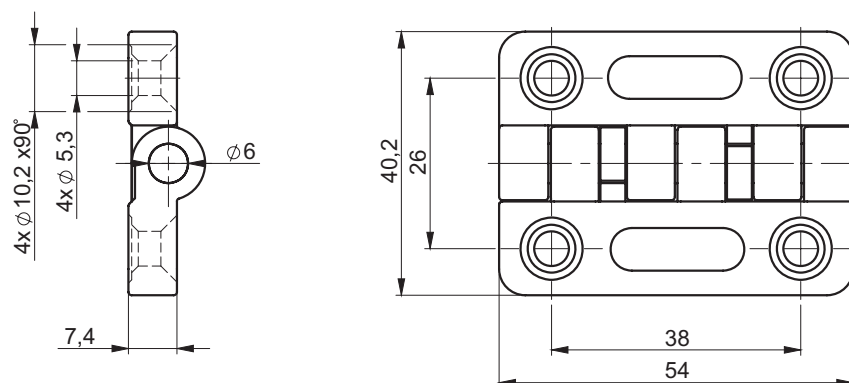
3.ZN67.001 — C





| Type             | Friction torque   |
|------------------|-------------------|
| <b>3.543.001</b> | 47kg.cm $\pm$ 15% |
| <b>3.543.002</b> | 12kg.cm $\pm$ 15% |

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



| Type             | Friction torque |
|------------------|-----------------|
| <b>3.543.101</b> | 47kg.cm ± 15%   |
| <b>3.543.102</b> | 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.

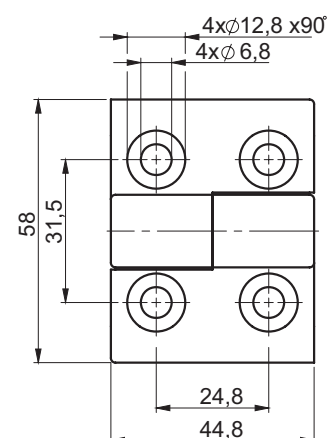
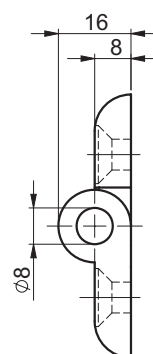
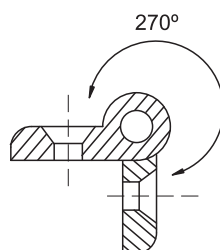
### How to order:

Catalogue number

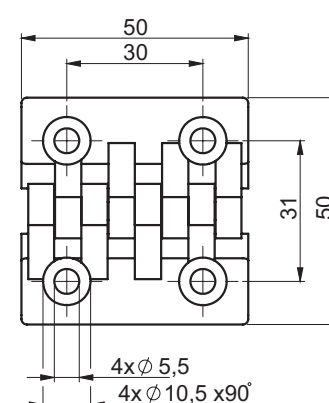
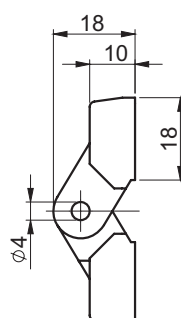
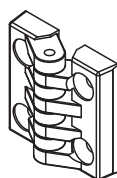
## Finish

3.543.001

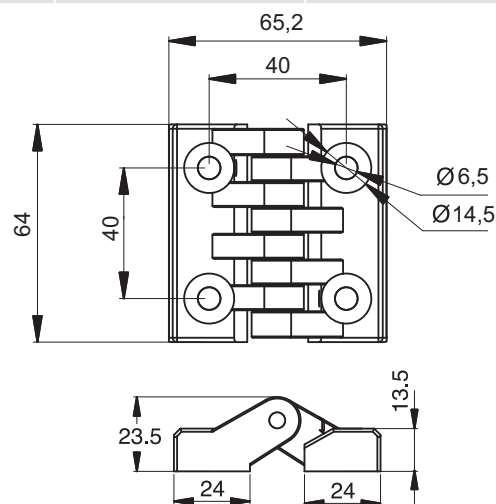
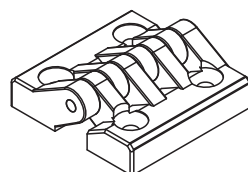
C



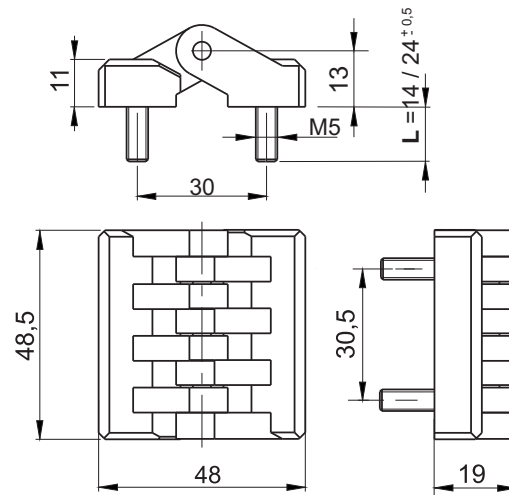
| CATALOGUE NUMBER | VERSION | COMPONENTS   | MATERIAL  | FINISH [C] |
|------------------|---------|--------------|-----------|------------|
|                  |         |              |           | RAL 9005   |
| 3.544.001        | Right   | Holder, Base | Polyamide | 07         |
| 3.544.002     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



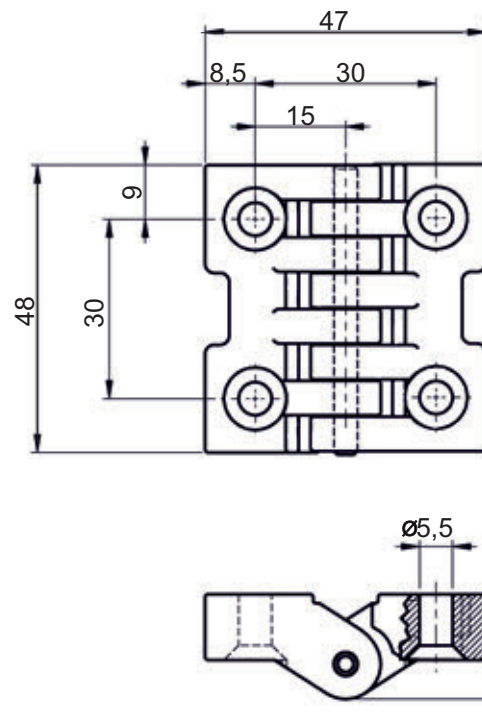
| CATALOGUE NUMBER | COMPONENTS   | MATERIAL          | FINISH [C] |
|------------------|--------------|-------------------|------------|
|                  |              |                   | RAL 9005   |
| 3.545.001        | Holder, Base | Polyamide         | 07         |
|                  | Pin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



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



| 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 |            |         |

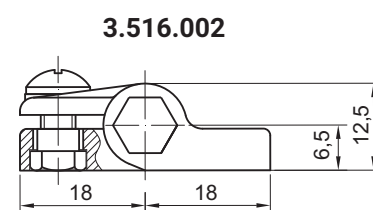
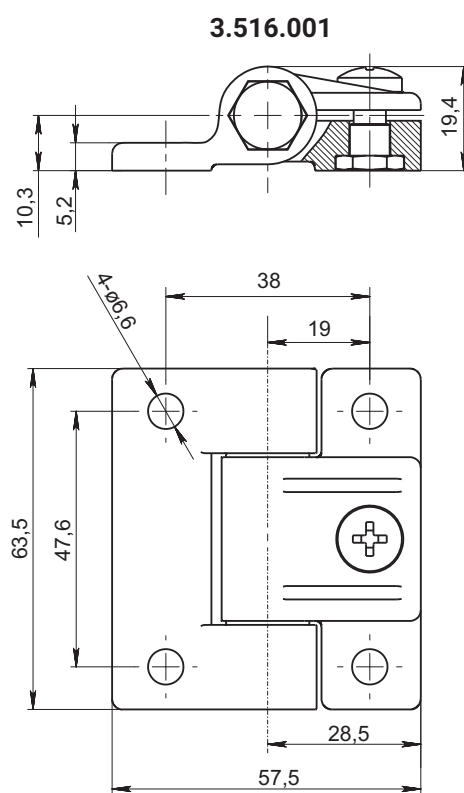
**How to order:**

Catalogue number

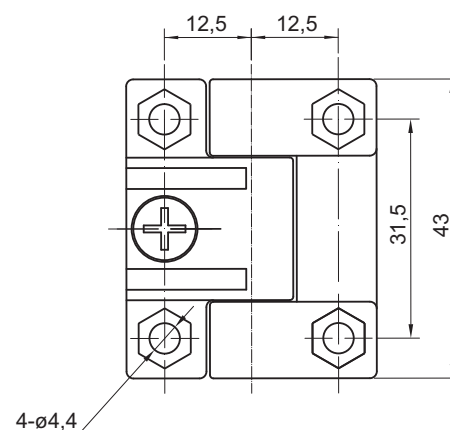
## Finish

3.526.001

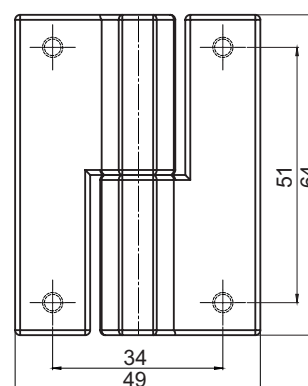
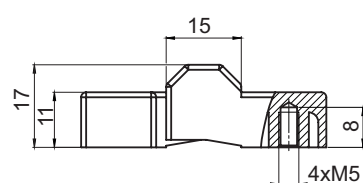
C



Screw adjustment



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

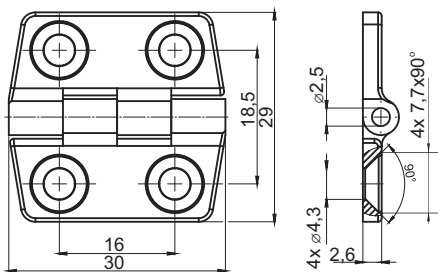


| CATALOGUE NUMBER | VERSION | COMPONENTS   | MATERIAL          | FINISH [C] |         |         |
|------------------|---------|--------------|-------------------|------------|---------|---------|
|                  |         |              |                   | Chrome     | RAL9005 | RAL7035 |
| 3.526.001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

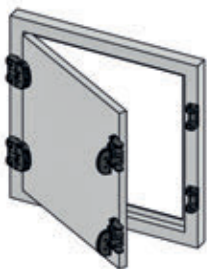
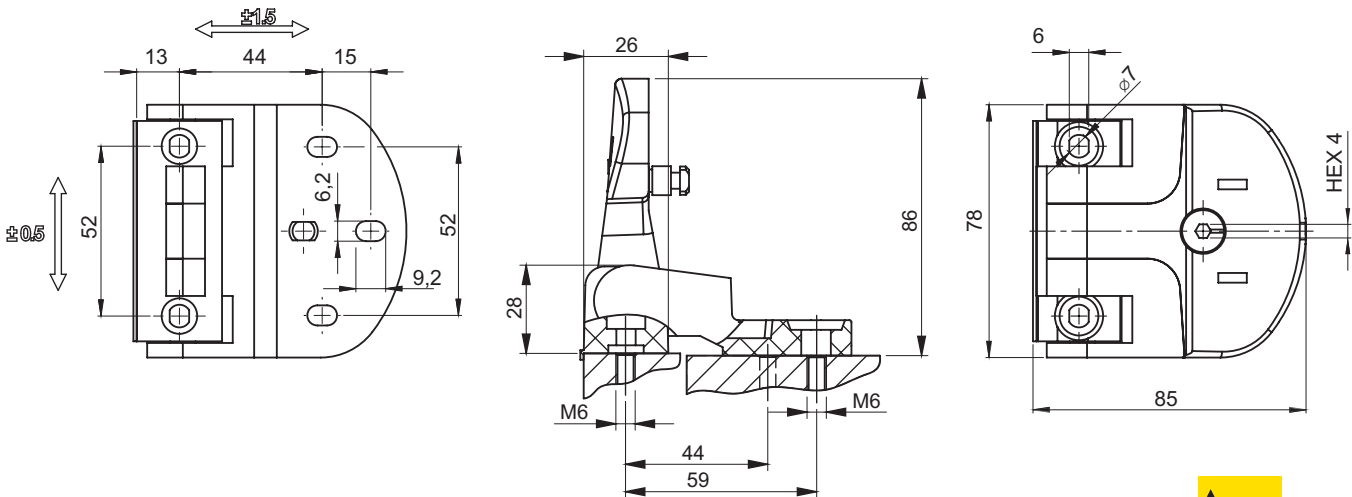
How to order:

Catalogue number 3.526.001 — C

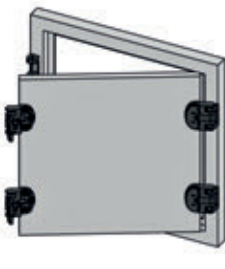
Finish \_\_\_\_\_



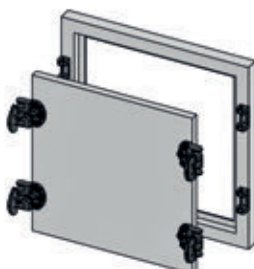
| CATALOGUE NO. | COMPONENTS    | MATERIAL          | FINISH [C] |
|---------------|---------------|-------------------|------------|
|               |               |                   | RAL 9005   |
| 3.ZN10.001    | Holder, Base, | ZAMAK5            | 04         |
|               | Pin           |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



Opening the left



Opening the right

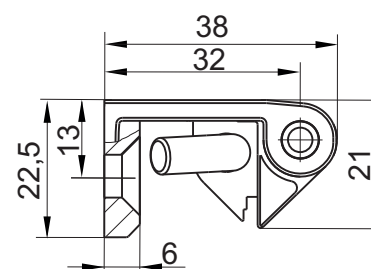
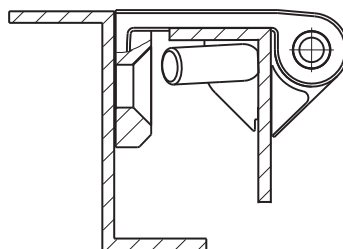
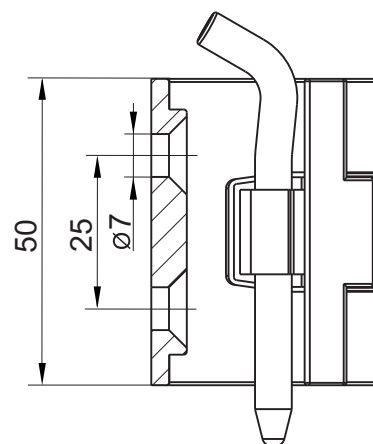
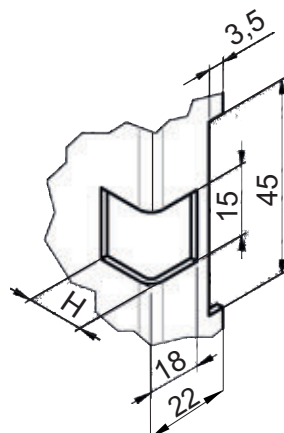


Removing the door



| 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



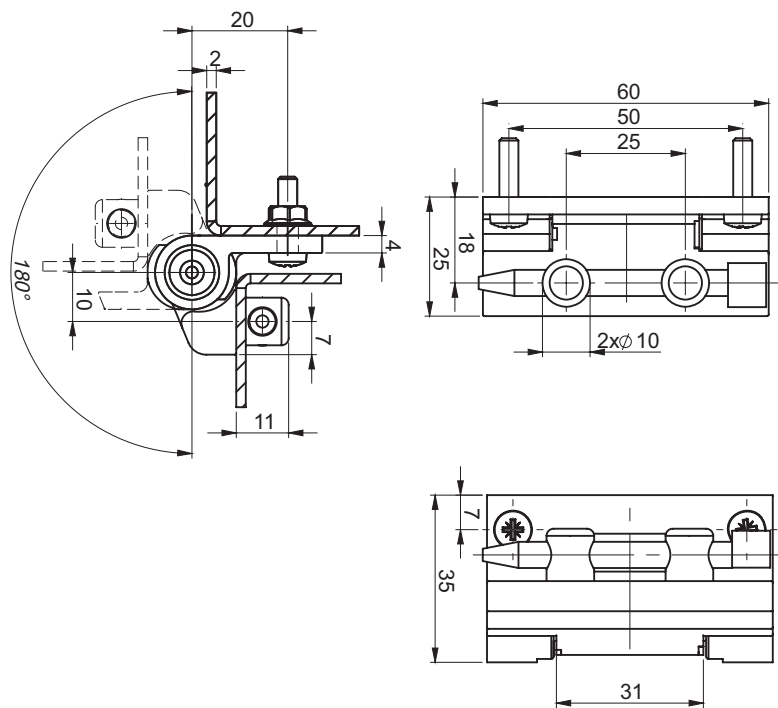
| H [mm] | APPLICATION        |
|--------|--------------------|
| 13     | only sheets 1,5 mm |
| 15     | only sheets 2 mm   |

| CATALOGUE NUMBER    | COMPONENTS   | MATERIAL          | FINISH [C] |          |          |
|---------------------|--------------|-------------------|------------|----------|----------|
|                     |              |                   | Chrome     | RAL 9005 | RAL 7035 |
| <b>3.ZN105.001*</b> | 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

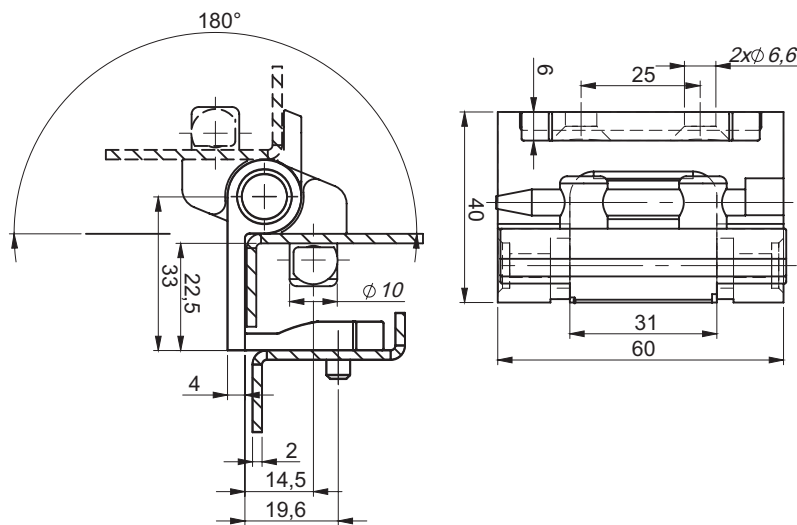
#### How to order:

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,* |            |          |

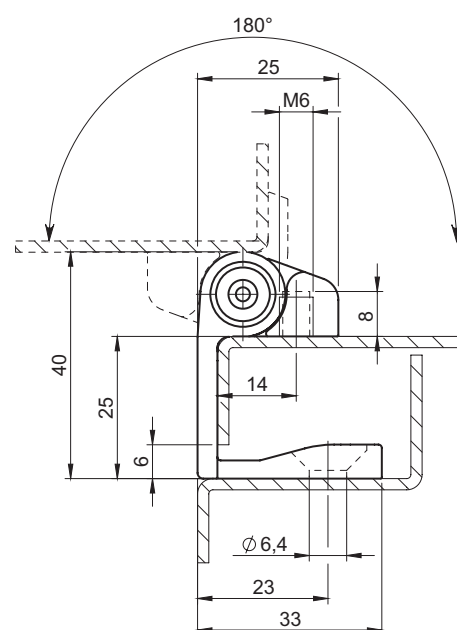
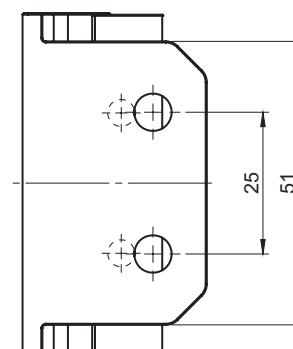
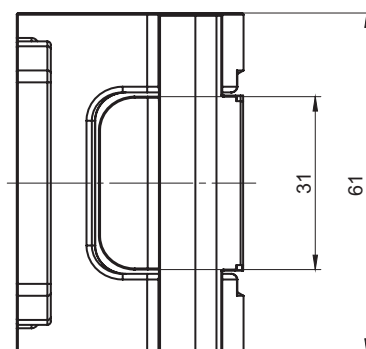
\* possible to order stainless steel pin.



| 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 3.530.001  
Finish C

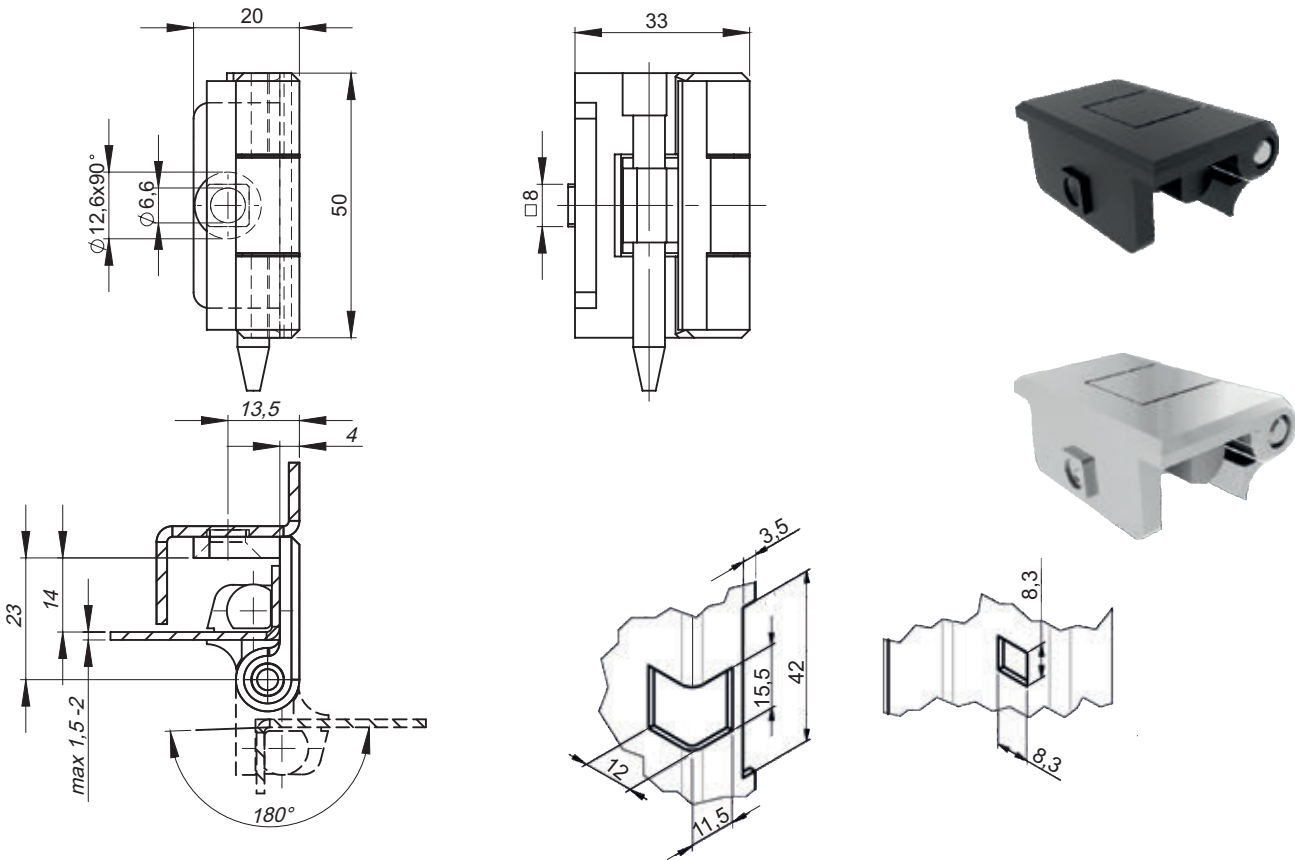


| CATALOGUE<br>NUMBER | COMPONENTS   | MATERIAL  | FINISH [C] |          |
|---------------------|--------------|-----------|------------|----------|
|                     |              |           | Chrome     | RAL 9005 |
| 3.530.002           | Holder, Base | ZAMAK     | 01         | 04       |
|                     | Pin          | Polyamide | -          | -        |

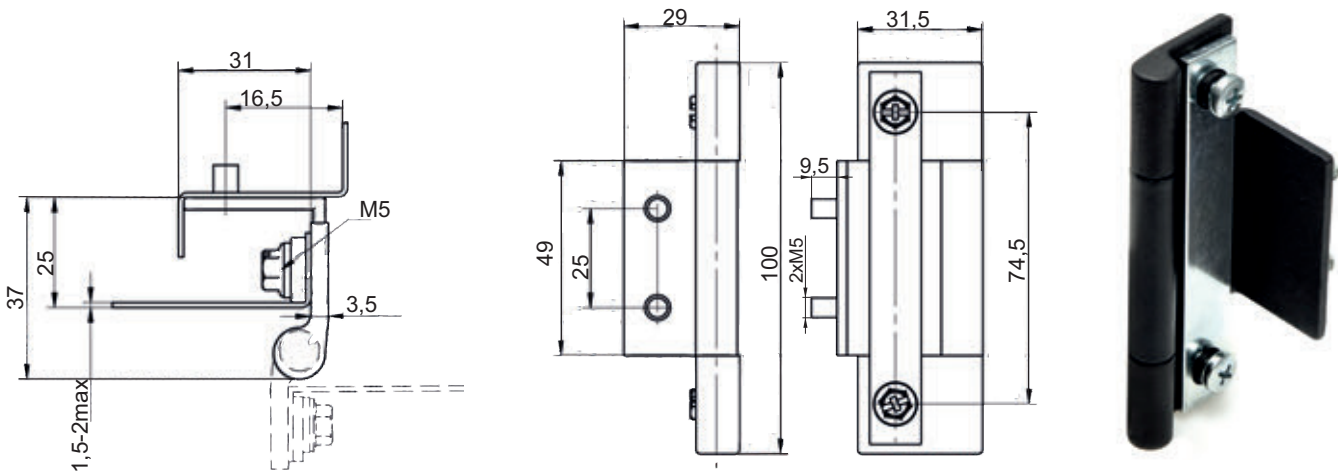
How to order:  
Catalogue number  
Finish [C]

2.530.002 — 01





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



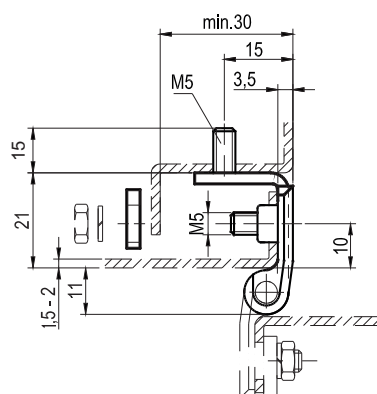
| CATALOGUE NUMBER | COMPONENTS | MATERIAL          | FINISH [C] |          |
|------------------|------------|-------------------|------------|----------|
|                  |            |                   | Chrome     | RAL 9005 |
| 3.536.001        | Holder     | ZAMAK 5           | 01         |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

\* possibility to order with polyamide pin

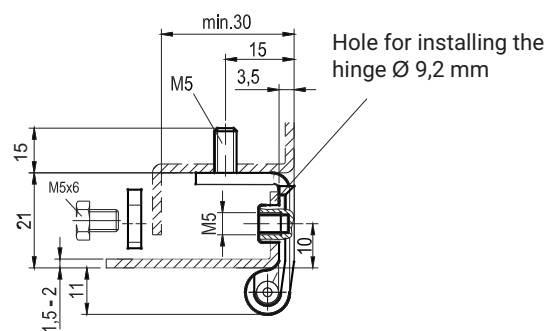
How to order: 3.532.001 — C  
Catalogue number  
Finish



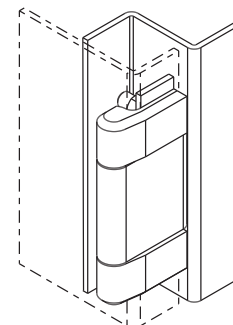
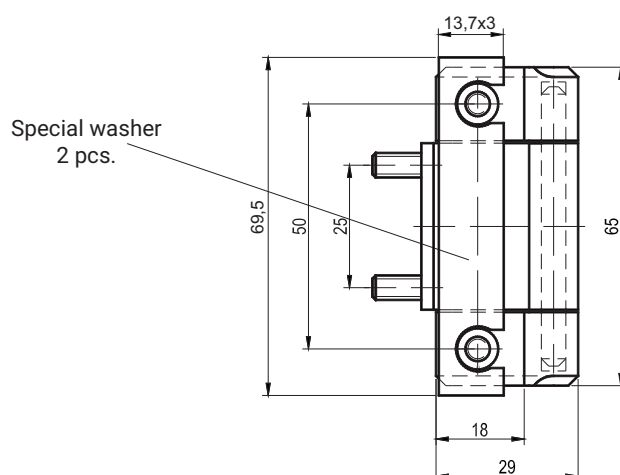
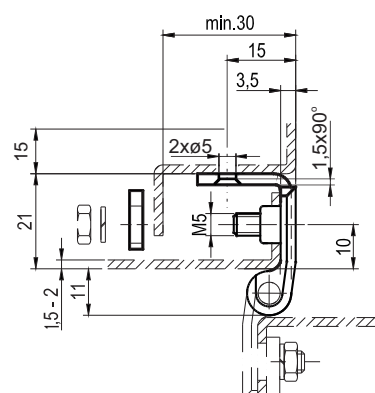
3.ZN120.001



3.ZN120.002



3.ZN120.005

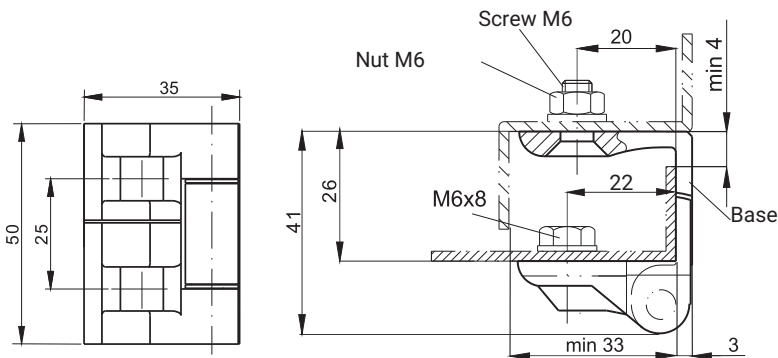


## Note:

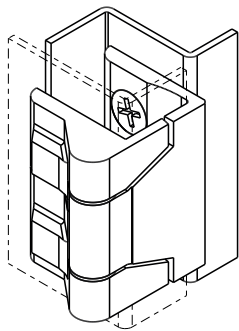
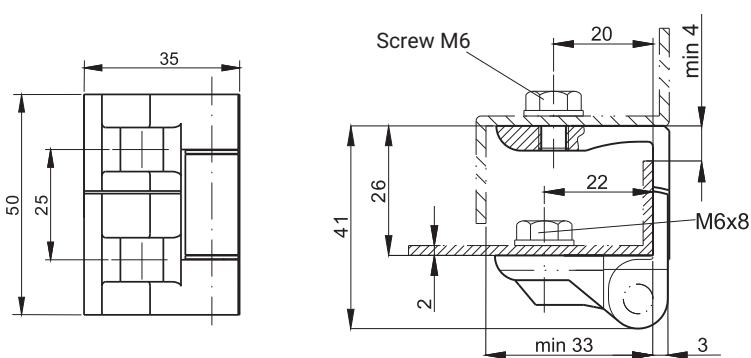
When using the hinge to sheet a thickness of 1 mm, should order special washer having a thickness of 1 mm

| 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 |            |          |

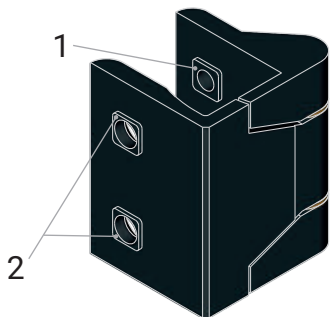
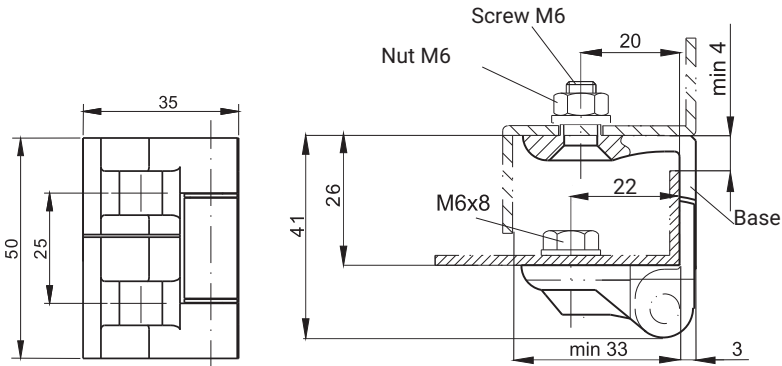
When ordering, specify the color or finishing type



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



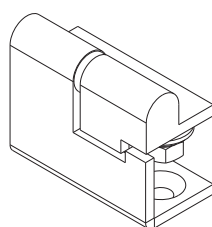
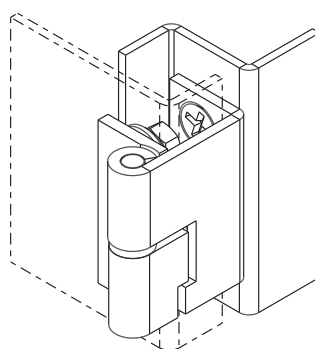
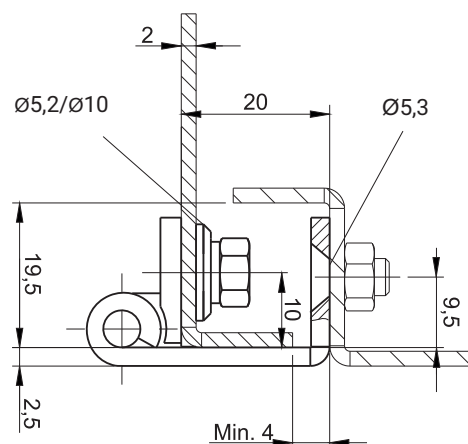
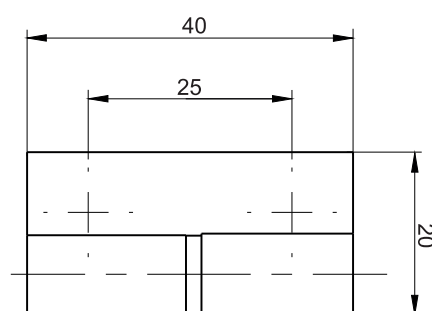
| CATALOGUE NUMBER | COMPONENTS | MATERIAL          | FINISH [C] |          |
|------------------|------------|-------------------|------------|----------|
|                  |            |                   | RAL 9005   | RAL 7035 |
| 3.ZN130.002/M6   | Holder     | ZAMAK 5           | 04         |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



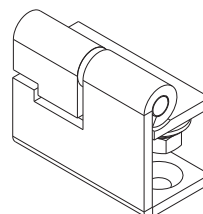
1. Holder with shoulder □ 8x1mm in standard version  
2. Base with shoulder □ 8x1mm in version 3.ZN130.003

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

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



**3.ZN140.001**  
RIGHT VERSION



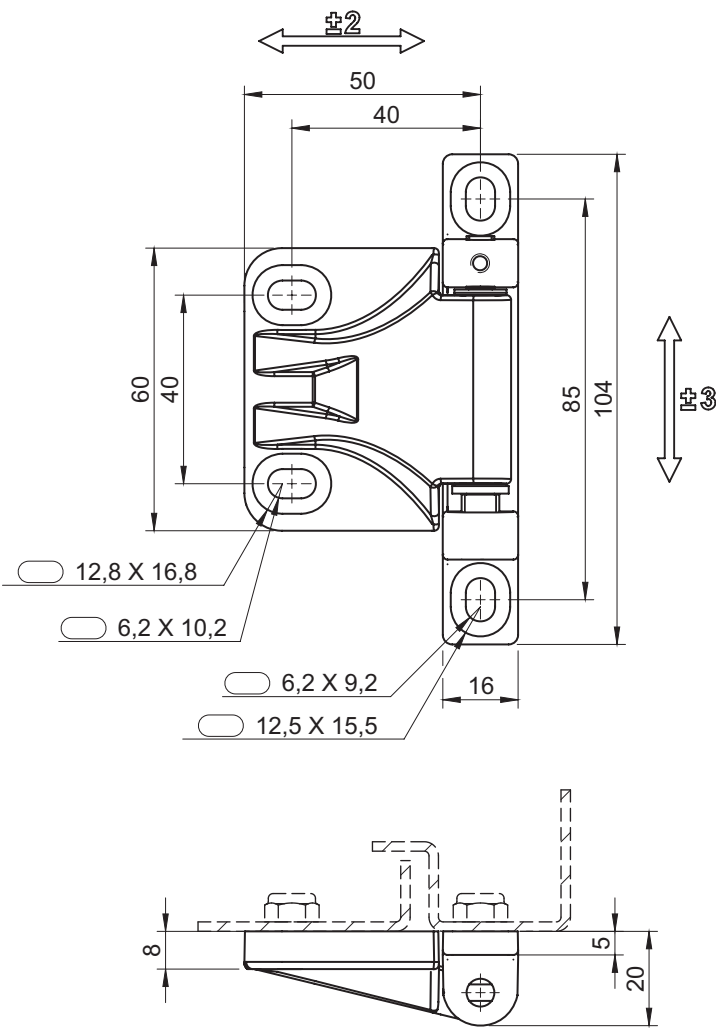
**3.ZN140.002**  
LEFT VERSION

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

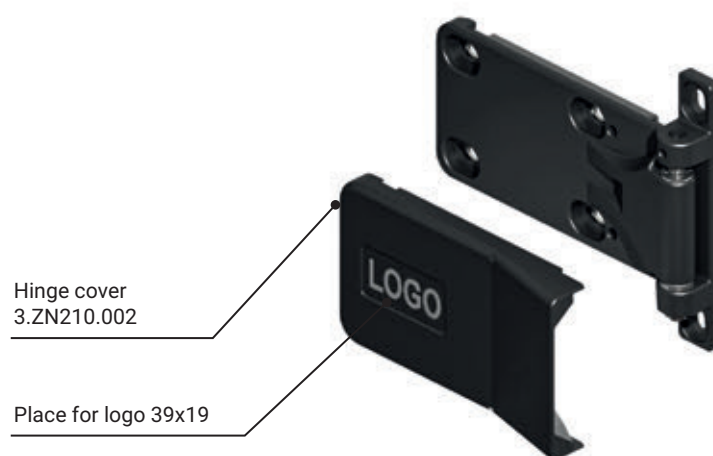
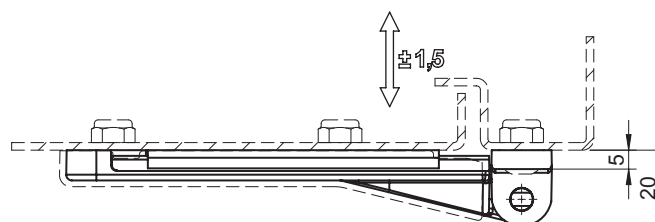
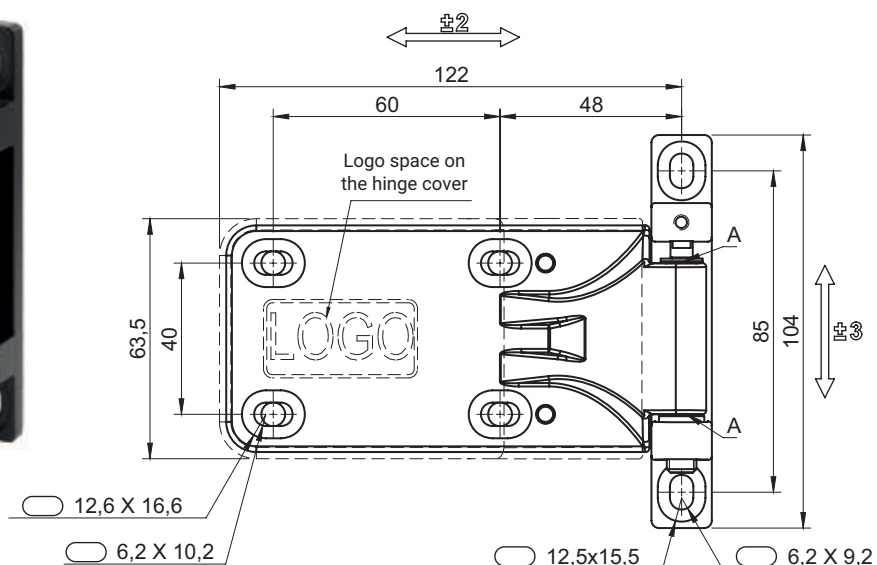
**How to order:**

Catalogue number  
Finish

3.ZN140.001 — C



| CATALOGUE<br>NUMBER | COMPONENTS   | MATERIAL        | FINISH [C] |
|---------------------|--------------|-----------------|------------|
|                     |              |                 | RAL 9005   |
| 3.ZN210.003         | Holder, Base | ZAMAK           | 04         |
|                     | Pin          | Stainless steel | -          |

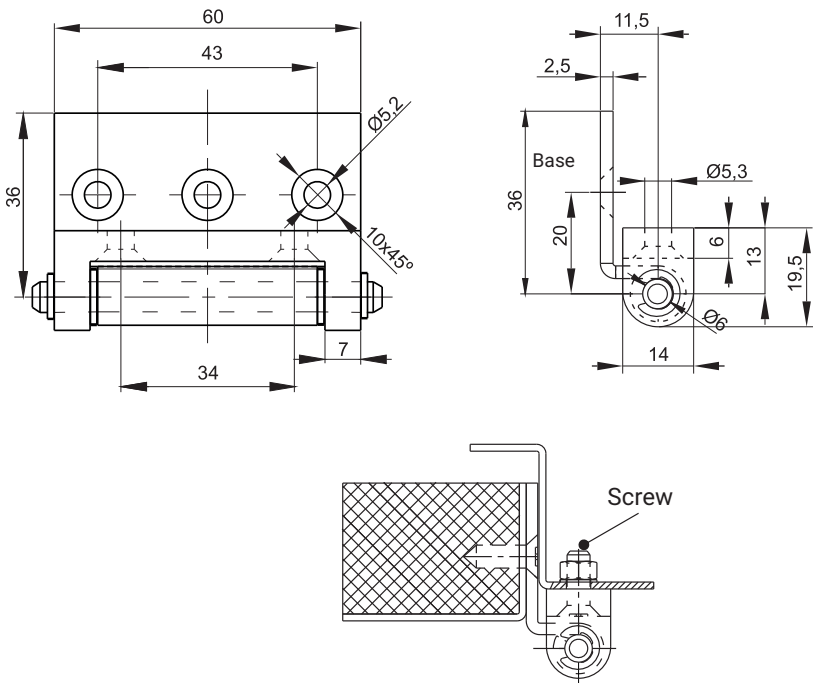


A - axis of the hinge with plastic sleeves.

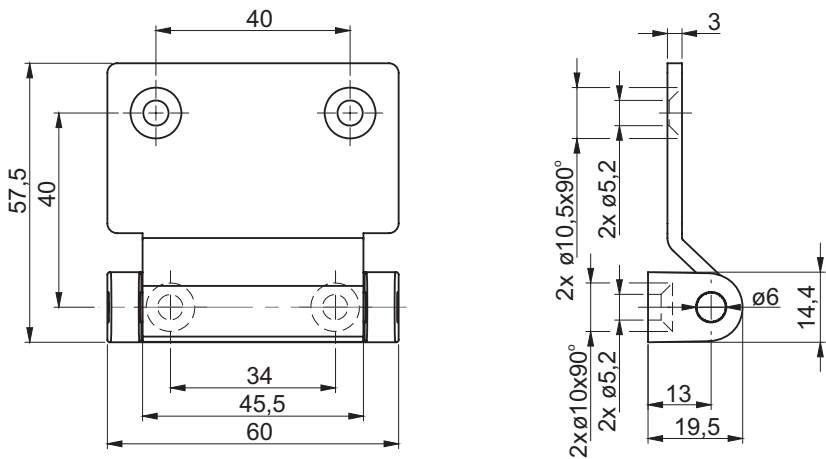
The hinge position can be adjusted in three axes - the adjustment ranges are shown in the drawing.

Hinge cover 3.ZN210.002 to be ordered separately.

| CATALOGUE<br>NUMBER | COMPONENTS   | MATERIAL        | FINISH [C] |
|---------------------|--------------|-----------------|------------|
|                     |              |                 | RAL 9005   |
| 3.ZN210.001         | Holder, Base | ZAMAK           | 04         |
|                     | Pin          | Stainless steel | -          |
| 3.ZN210.002         | Hinge cover  | Polyamide       | 07         |



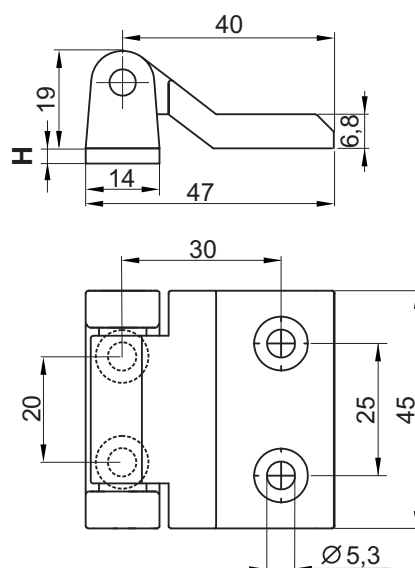
| CATALOGUE NUMBER | COMPONENTS | MATERIAL          |
|------------------|------------|-------------------|
| 3.ST42.001       | Holder     | Steel zinc plated |
|                  | Base       | ZAMAK 5           |
|                  | Pin        | Steel zinc plated |



**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 :**

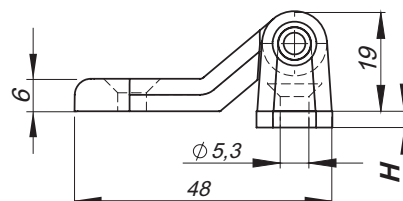
Hinge code

Finish

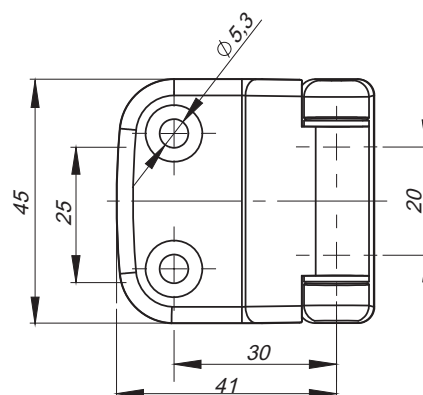
Height H

3.514 . 04 . 05

| 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

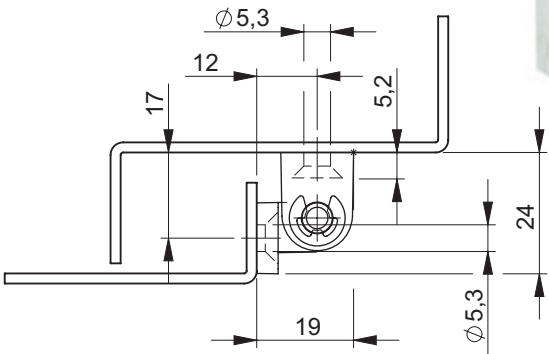
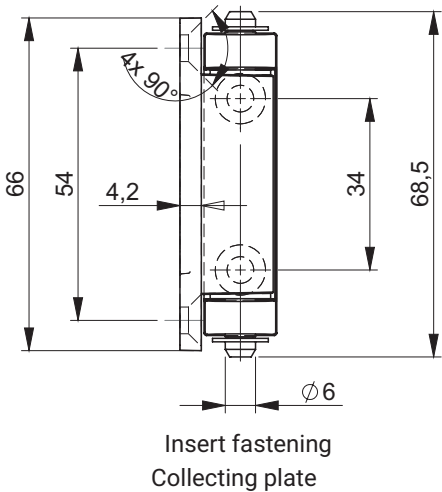
Height H

3.519 . 04 . 05

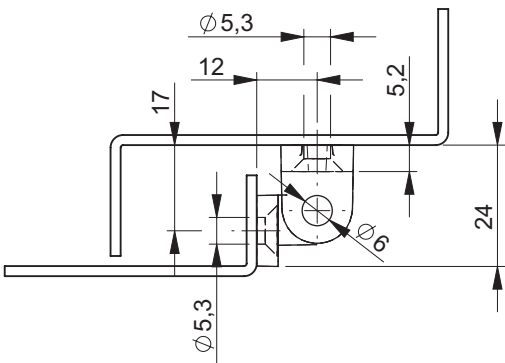
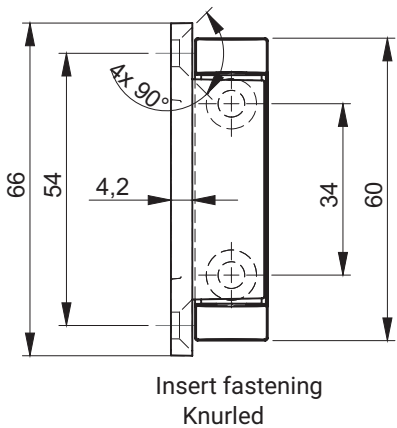
| H [mm] | 0  | 3  | 5  | 8  | 10 | 15 |
|--------|----|----|----|----|----|----|
| X      | 00 | 03 | 05 | 08 | 10 | 15 |



3.531.001



3.531.002



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

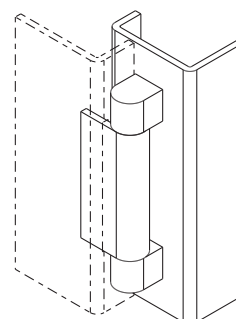
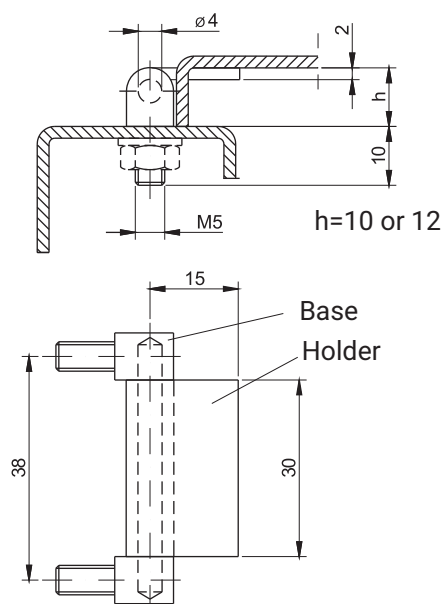
How to order:

Catalogue number 3.531.001 — C

Finish



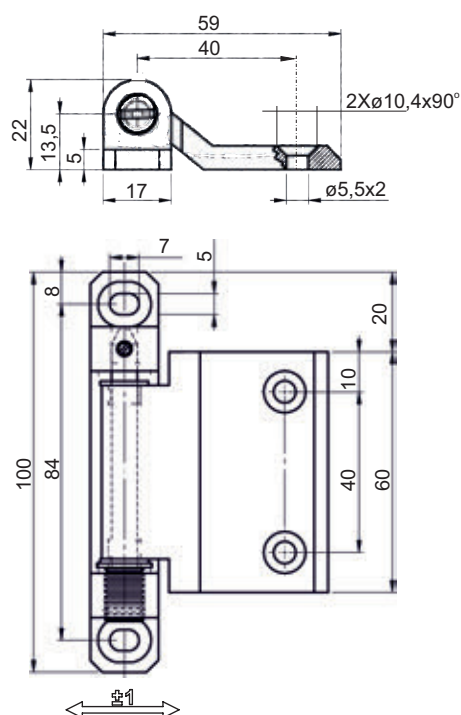
stainless  
steel



| 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   |



x



| 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

Finish

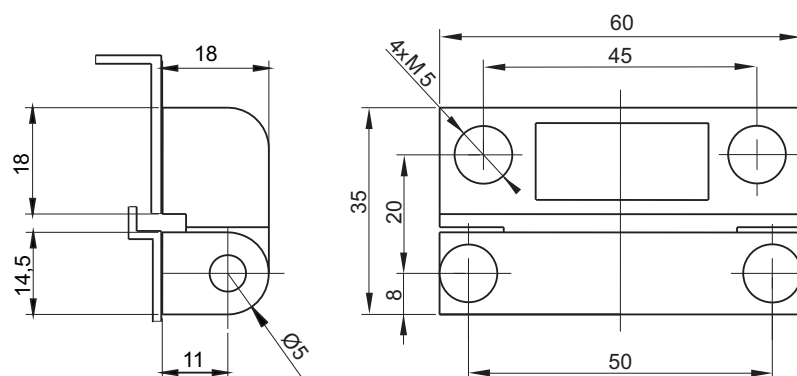
3.535.001

C

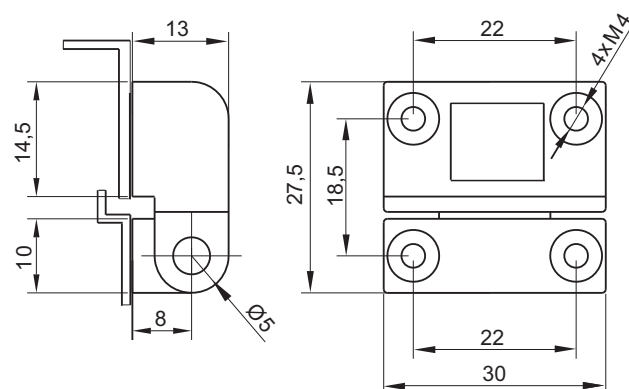
3A-33

| External hinges

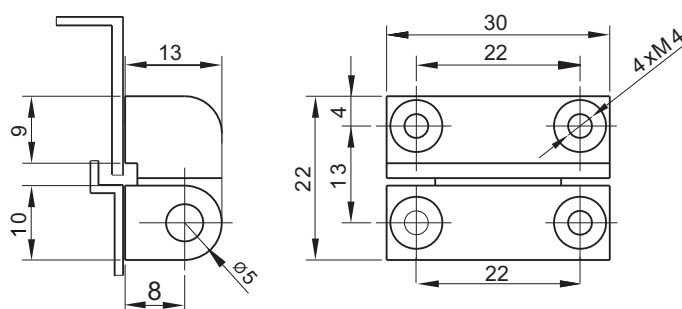
www.roztocze.eu



| CATALOGUE NUMBER | COMPONENTS   | MATERIAL          | FINISH [C] |
|------------------|--------------|-------------------|------------|
|                  |              |                   | 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 | -          | -       |

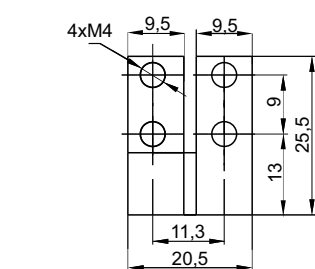
**How to order:**

Catalogue number

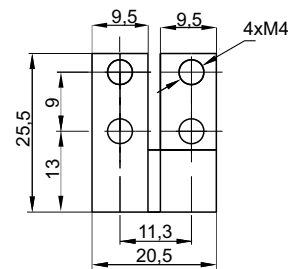
## Finish

3.517.001

C

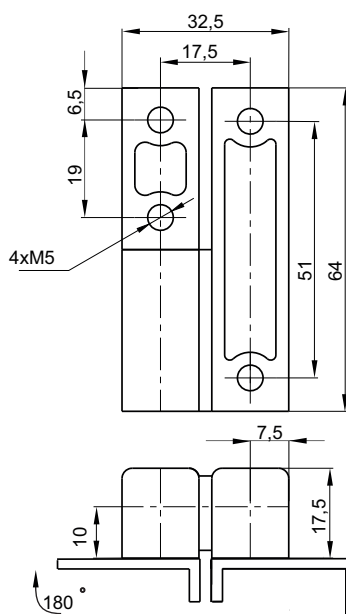


LEFT VERSION

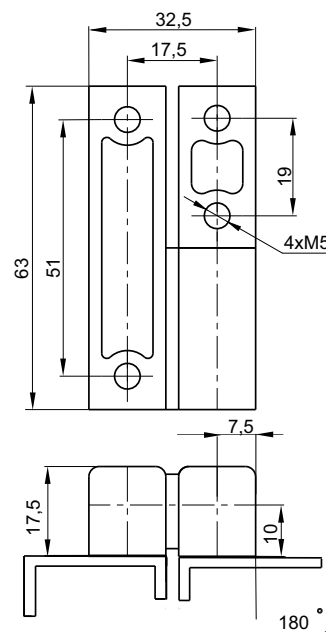


RIGHT VERSION

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



LEFT VERSION



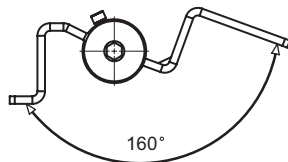
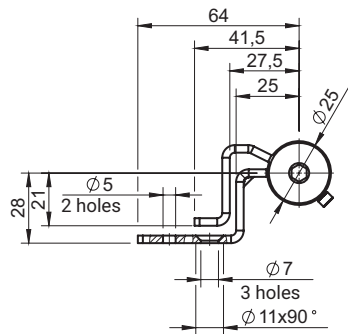
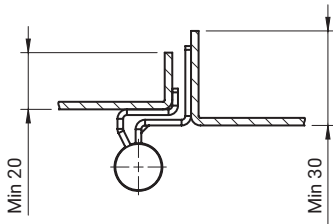
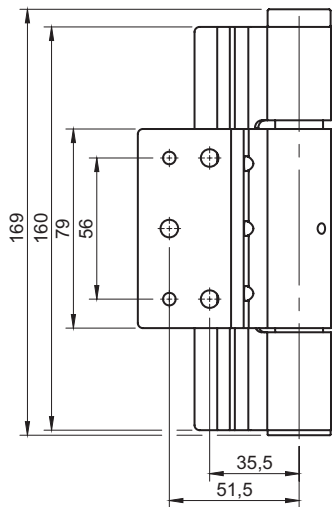
RIGHT VERSION

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

**How to order:**

Catalogue number  
Version X (L-left, R-right)  
Finish

3.518.001.X — C



Closed position

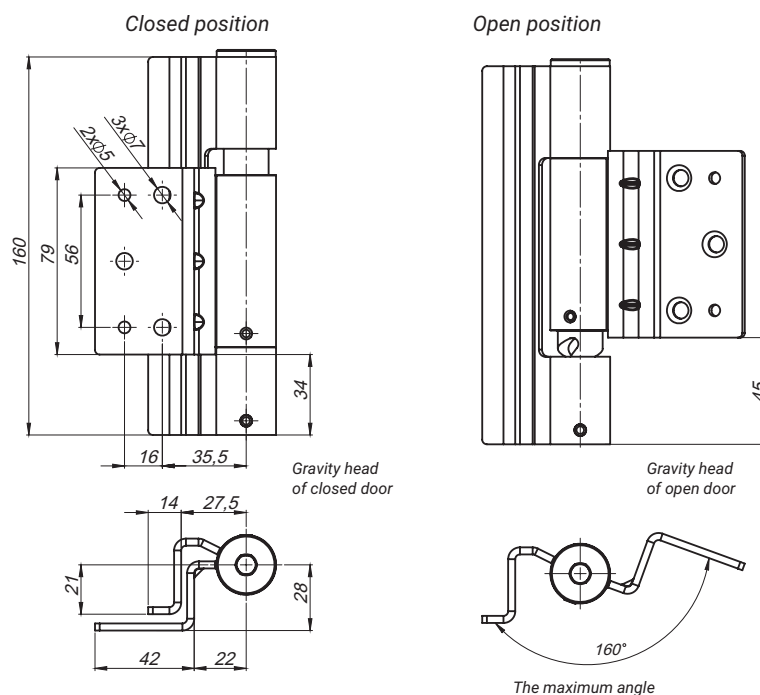
Open position

| CATALOGUE NUMBER | VERSION      | COMPONENTS        | MATERIAL          |
|------------------|--------------|-------------------|-------------------|
| 3.ST109.001-A    | Spring hinge | Holder, Base, Pin | Steel zinc plated |
| 3.ST109.001-B    | KO hinge     |                   |                   |

where:  
3.ST109.001-A - spring hinge causing self-locking  
3.ST109.001-B - support hinge - without spring

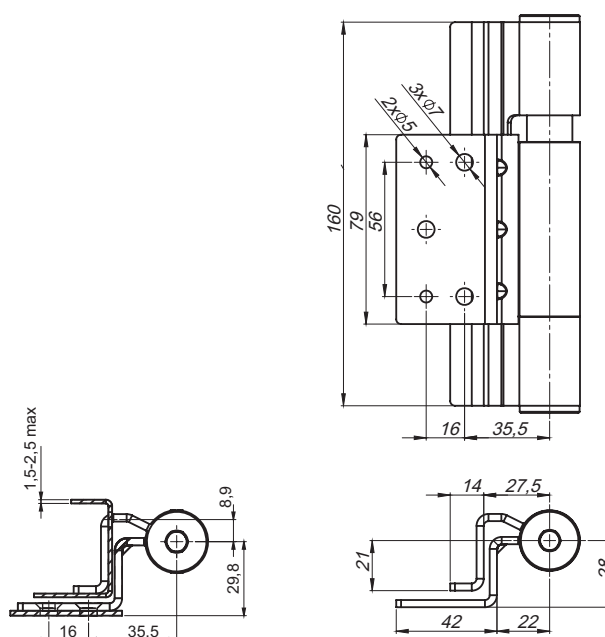
## 3.ST109.003-A

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.

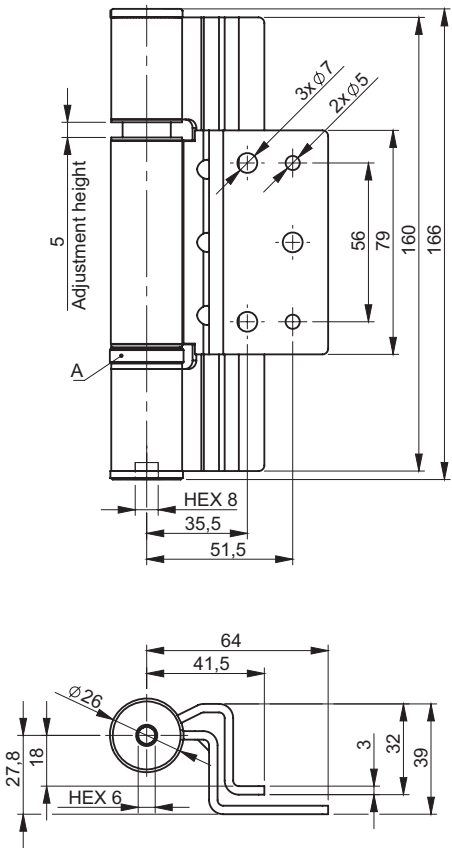


| CATALOGUE NUMBER | COMPONENTS   | MATERIAL          |
|------------------|--------------|-------------------|
| 3.ST109.004      | Handle, base | Steel zinc plated |

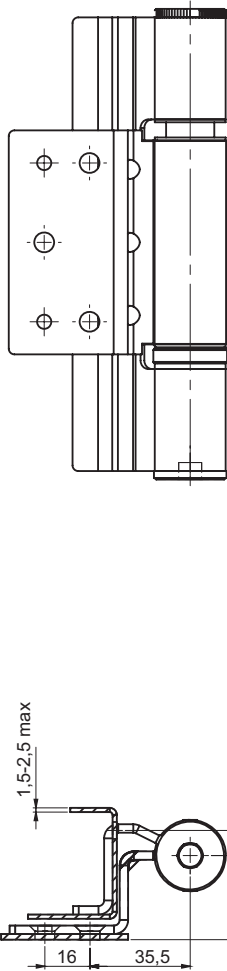
The positioning hinge in door axis cooperates only with the hinge 3.ST109.003

Fire door hinges with hight regulation on thread

3.ST109.007-B  
Left version



3.ST109.007-A  
Right version



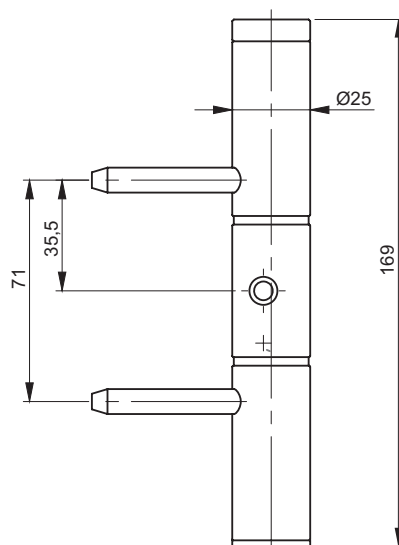
| CATALOGUE NUMBER | VERSION | COMPONENTS        | MATERIAL          |
|------------------|---------|-------------------|-------------------|
| 3.ST109.007-A    | Right   | Holder, Base, Pin | Steel zinc plated |
| 3.ST109.007-B    | Left    |                   |                   |

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-A

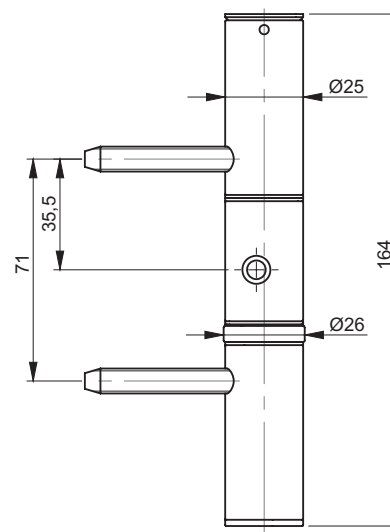


3.ST109.100

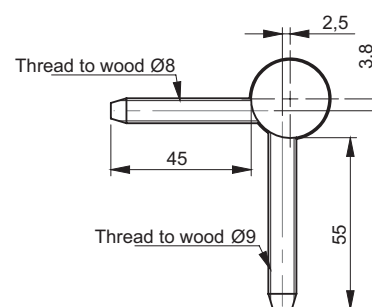
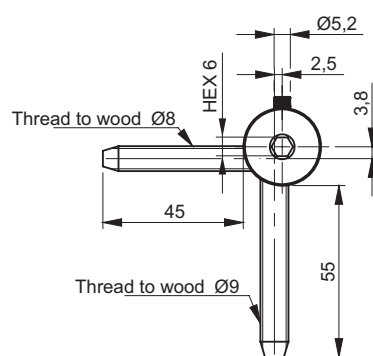
3.ST109.100



3.ST109.101



3.ST109.101



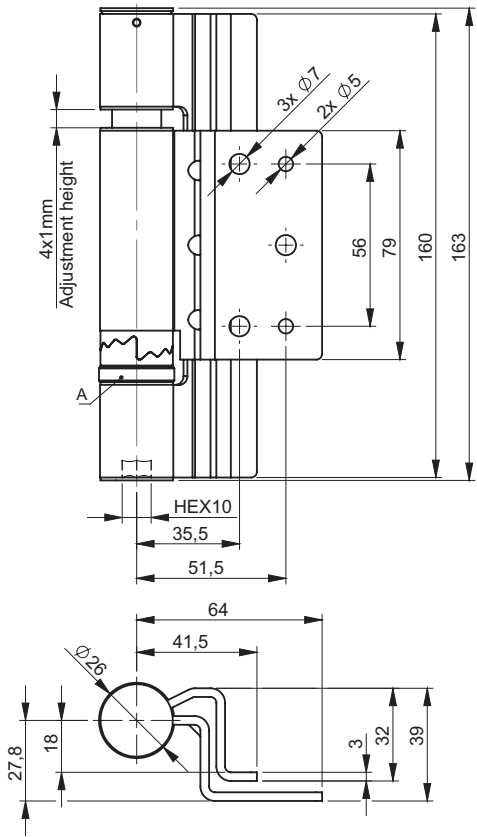
| CATALOGUE NUMBER | DETAIL       | COMPONENTS   | MATERIAL          |
|------------------|--------------|--------------|-------------------|
| 3.ST109.100      | Spring hinge | Holder, Base | Steel zinc plated |
| 3.ST109.101      | KO hinge     |              |                   |



Fire door hinges with height regulation

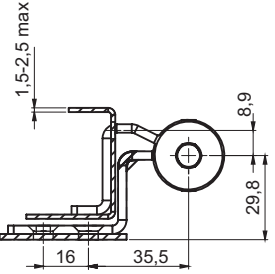
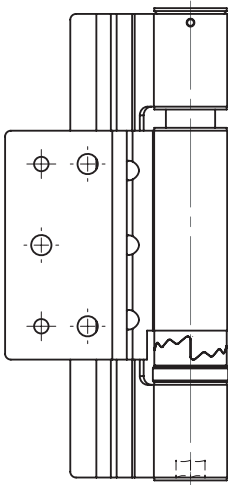
3.ST109.009-B

Left version



3.ST109.009-A

Right version



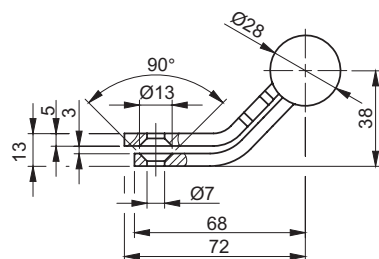
| CATALOGUE NUMBER | VERSION | COMPONENTS        | MATERIAL          |
|------------------|---------|-------------------|-------------------|
| 3.ST109.009-A    | Right   | Holder, Base, Pin | Steel zinc plated |
| 3.ST109.009-B    | Left    |                   |                   |

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-A

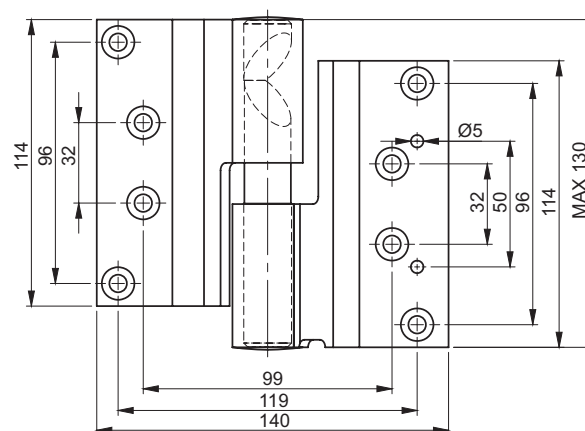
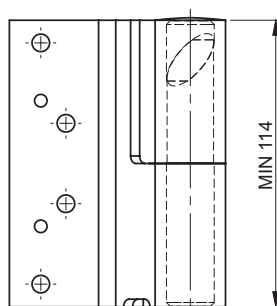
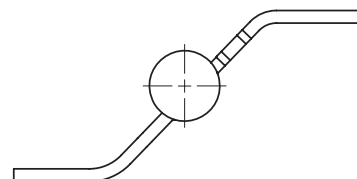


3.ST125.001

Right version - open position

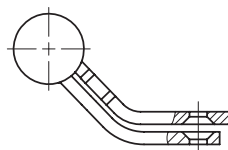


Left version - open position

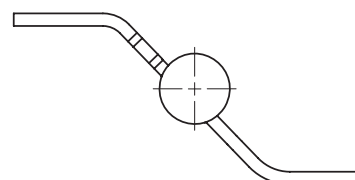


3.ST125.002

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   |              |              |            |

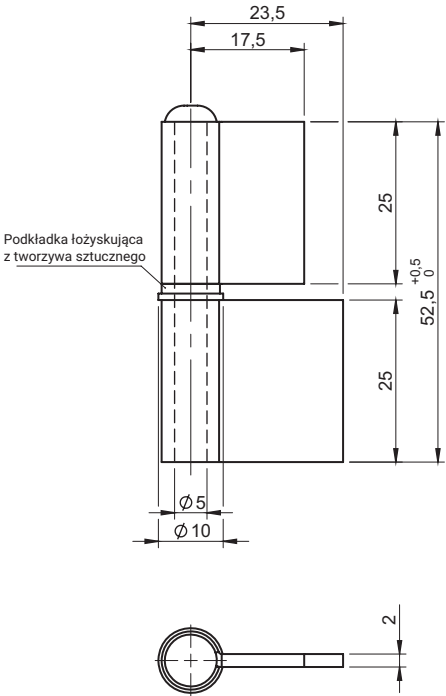
Left version is the mirror image of the right version

**How to order:**

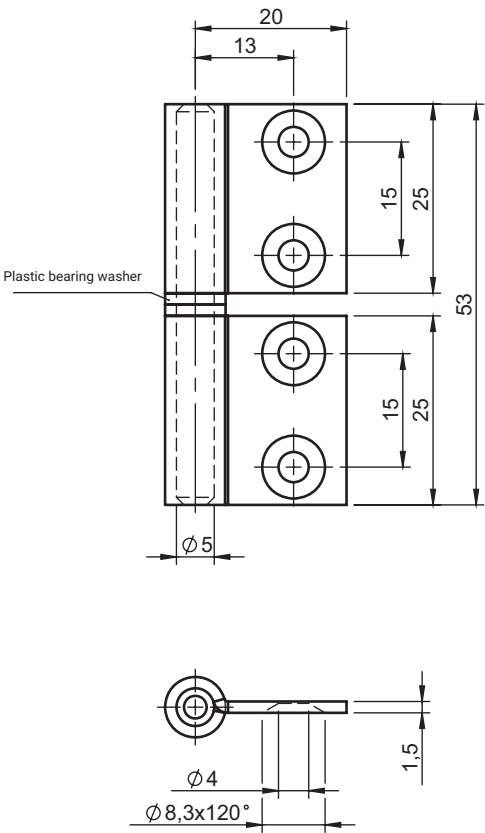
Catalogue number

Finish

3.ST125.001 — C



| CATALOGUE NUMBER | COMPONENTS        | MATERIAL        |
|------------------|-------------------|-----------------|
| 3.ST127.001SN    | Holder, Base, Pin | Stainless steel |



Hinge pin welded into one of the wings during final assembly.  
Hinge supplied in a sets of parts.

| CATALOGUE NUMBER | COMPONENTS        | MATERIAL        |
|------------------|-------------------|-----------------|
| 3.ST127.002SN    | Holder, Base, Pin | Stainless steel |

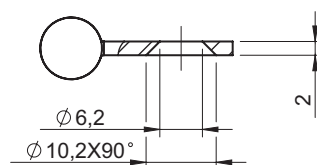
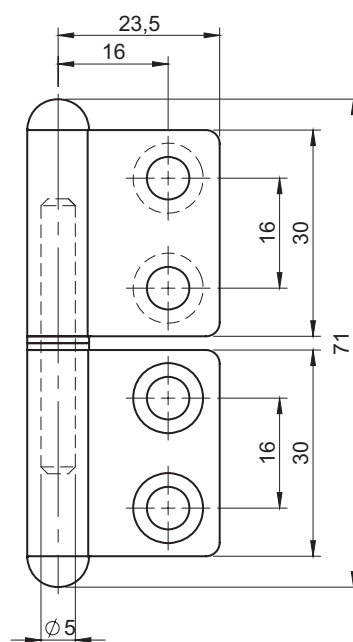


LEFT HINGE

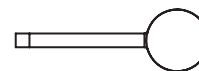
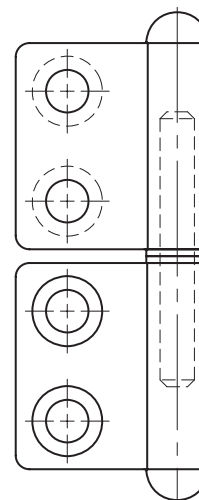


RIGHT HINGE

**LEFT HINGE**  
**3.ST127.003SN - B**



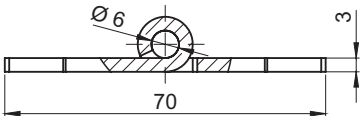
**RIGHT HINGE**  
**3.ST127.003SN - A**



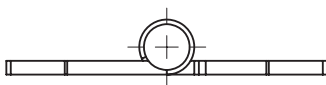
| CATALOGUE NUMBER | VERSION | COMPONENTS        | MATERIAL        |
|------------------|---------|-------------------|-----------------|
| 3.ST127.003SN-A  | Right   | Holder, Base, Pin | Stainless steel |
| 3.ST127.003SN-B  | Left    |                   |                 |



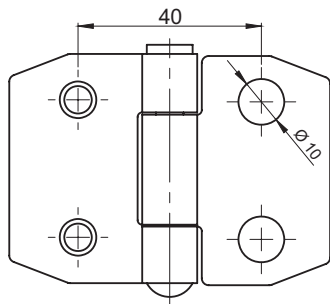
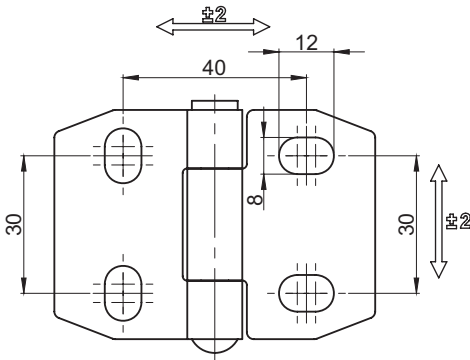
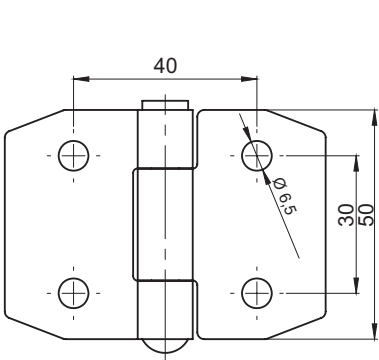
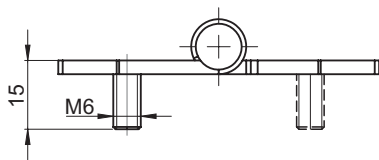
3.ST30.001  
3.ST30.001SN



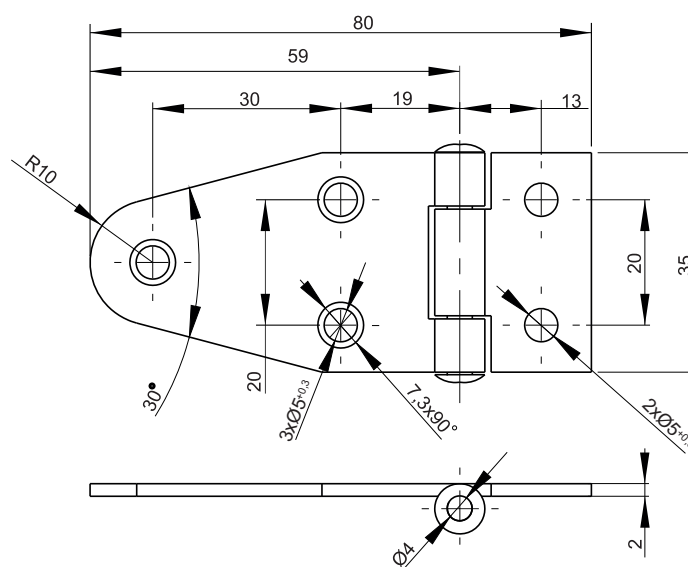
3.ST30.005



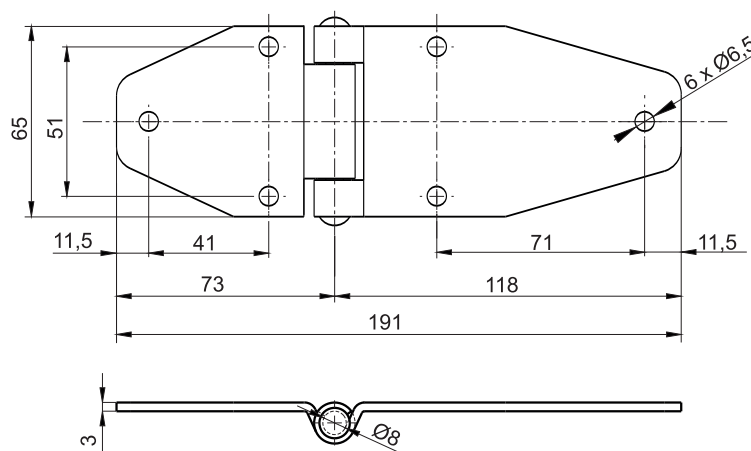
3.ST30.008  
3.ST30.010



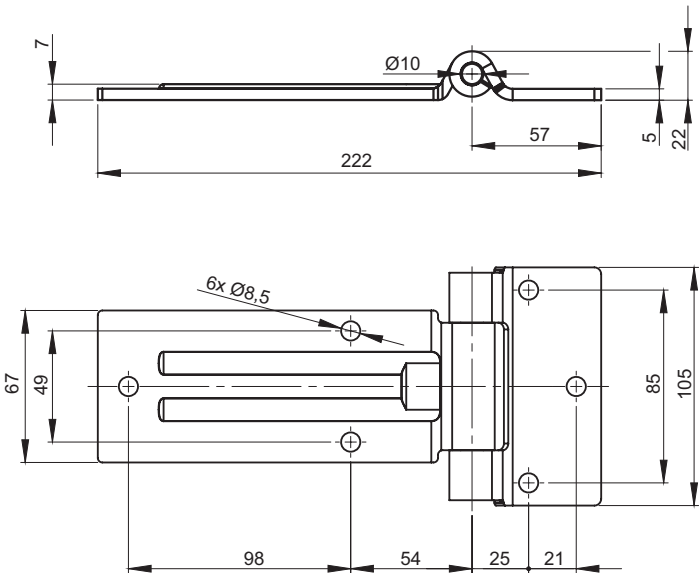
| CATALOGUE NUMBER | VERSION             | COMPONENTS        | MATERIAL          |
|------------------|---------------------|-------------------|-------------------|
| 3.ST30.001       | 4x Ø 6,5            | Holder, Base      | Steel zinc plated |
| 3.ST30.001SN     |                     | Pin               | 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<br>2x Ø 10 | Holder, Base      | Steel zinc plated |
|                  |                     | Pin               | Stainless steel   |
| 3.ST30.010       | 4x M6x15            | Holder, Base      | Steel zinc plated |
|                  |                     | Pin               | Stainless steel   |


 stainless  
steel


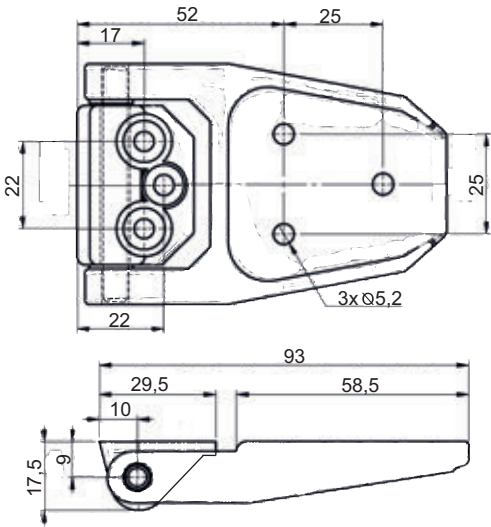
| CATALOGUE NUMBER | COMPONENTS        | MATERIAL          |
|------------------|-------------------|-------------------|
| 3.ST35-1.001     | Holder, Base, Pin | Steel zinc plated |
| 3.ST35-1.001SN   | Holder, Base, Pin | Stainless steel   |


 stainless  
steel


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



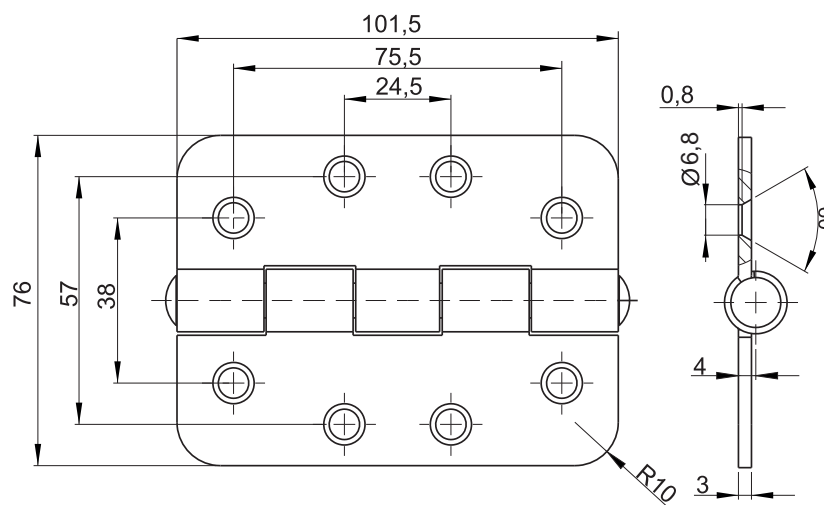
| CATALOGUE NUMBER | COMPONENTS        | MATERIAL                 |
|------------------|-------------------|--------------------------|
| 3.ST133.001      | Holder, Base, Pin | Stainless steel polished |



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

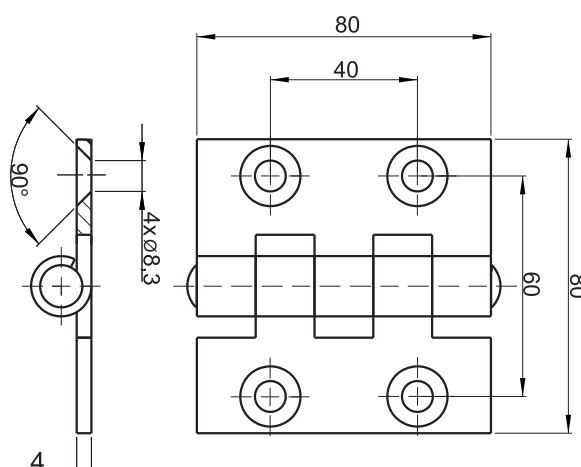


stainless  
steel

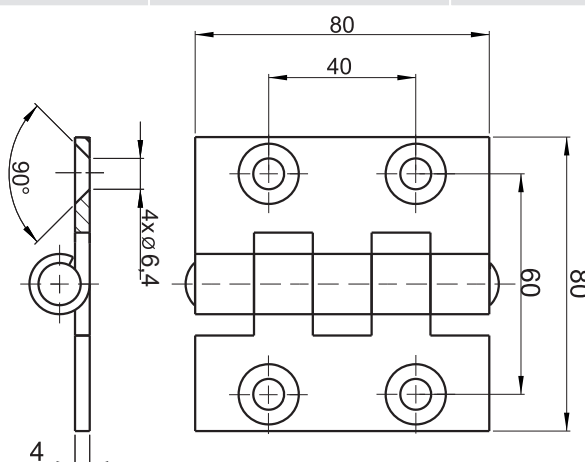


| CATALOGUE NUMBER | COMPONENTS   | MATERIAL        |
|------------------|--------------|-----------------|
| 3.ST35-2.002     | Holder, Base | Stainless steel |
|                  | Pin          | Stainless steel |

Hinge available with beveled holes or without.

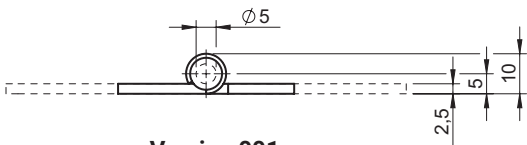


| CATALOGUE NUMBER | COMPONENTS   | MATERIAL          |
|------------------|--------------|-------------------|
| 3.ST58.001       | Holder, Base | Steel zinc plated |
|                  | Pin          | Stainless steel   |

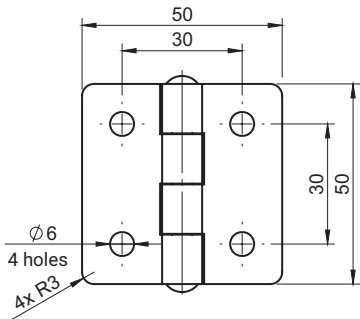


| CATALOGUE NUMBER | COMPONENTS   | MATERIAL          |
|------------------|--------------|-------------------|
| 3.ST58.002       | Holder, Base | Steel zinc plated |
|                  | Pin          | Stainless steel   |

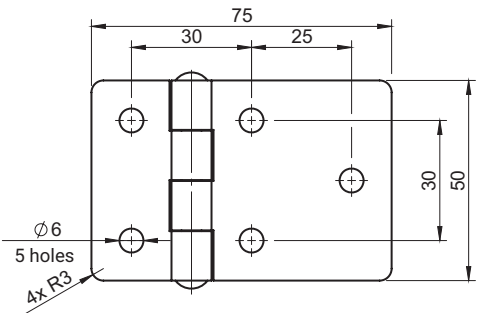




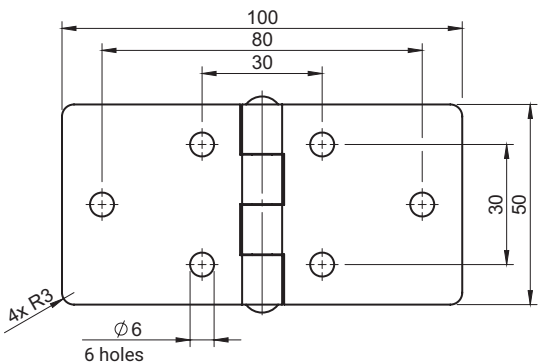
Version 001



Version 002

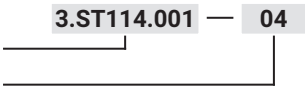


Version 003



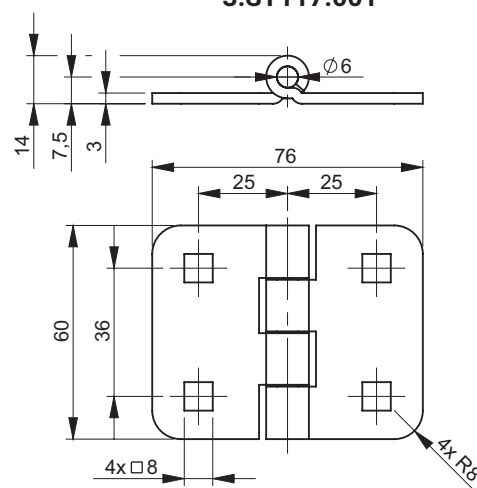
| CATALOGUE NUMBER                                | COMPONENTS        | MATERIAL        | FINISH [C] |            |          |
|-------------------------------------------------|-------------------|-----------------|------------|------------|----------|
|                                                 |                   |                 | No finish  | Galvanized | RAL 9005 |
| 3.ST114.001<br>3.ST114.002<br>3.ST114.003       | Holder, Base      | Steel           | -          | 01         | 04       |
|                                                 | Pin               | Stainless steel | -          | -          | -        |
| 3.ST114.001SN<br>3.ST114.002SN<br>3.ST114.003SN | Holder, Base, Pin | Stainless steel | 00         | -          | -        |

How to order:  
Catalogue number  
Finish [C]

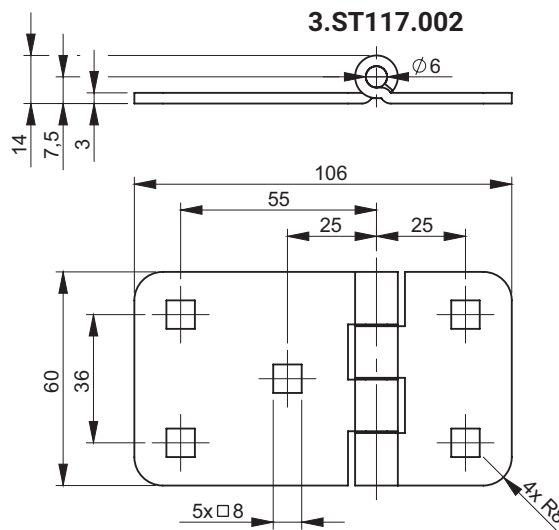




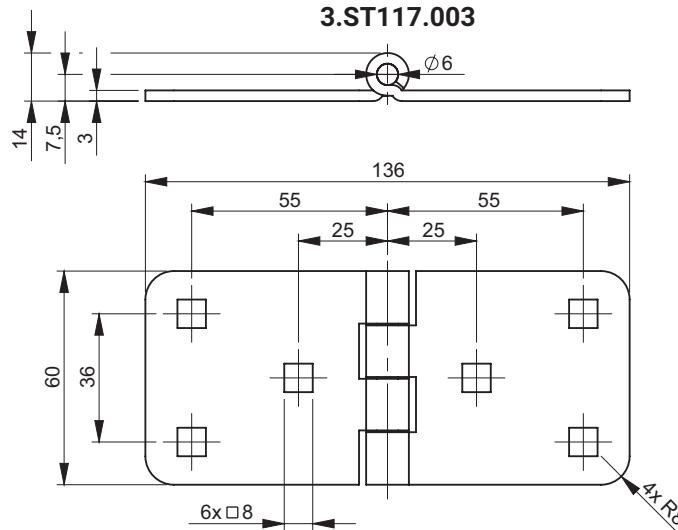
3.ST117.001



3.ST117.002



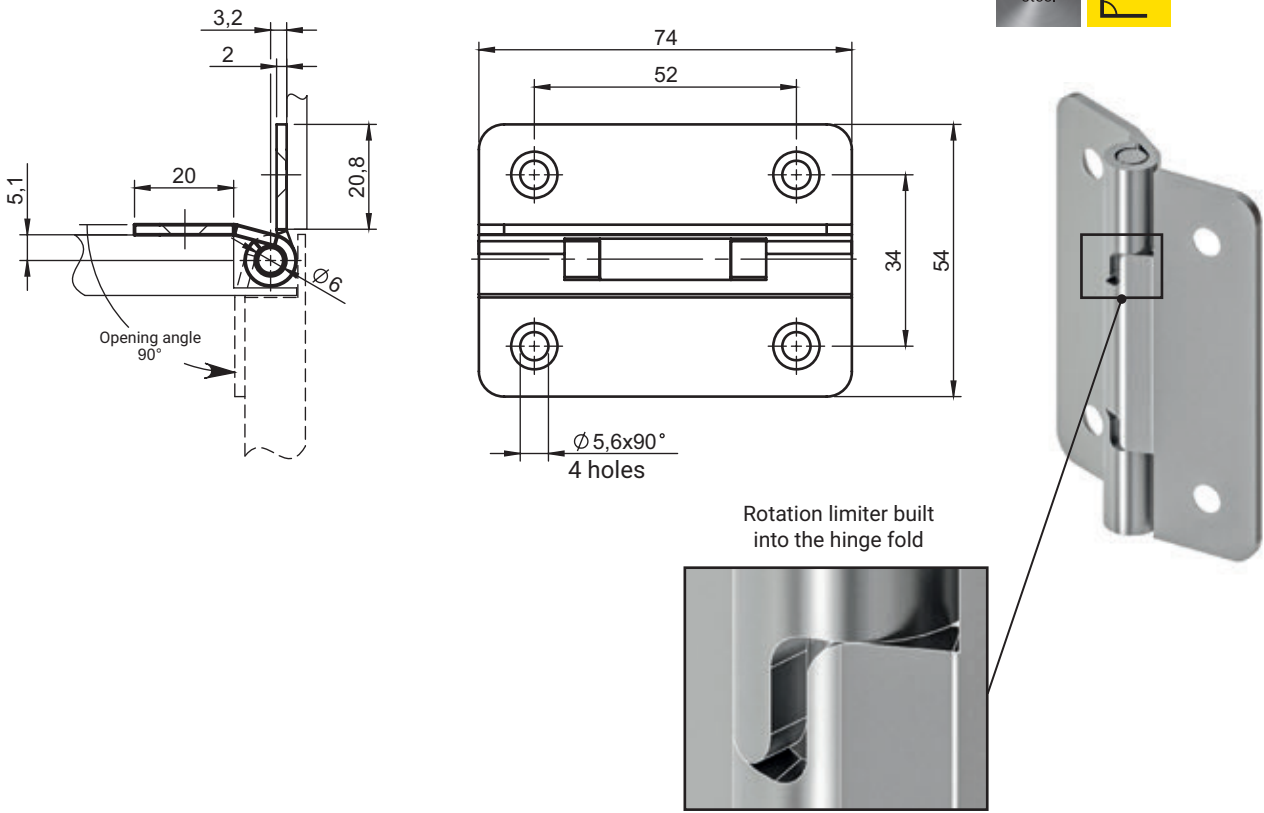
3.ST117.003



| CATALOGUE NUMBER | COMPONENTS                 | MATERIAL          |
|------------------|----------------------------|-------------------|
| 3.ST117.001      | Holder, Base, DIN603 M8x16 | Steel zinc plated |
| 3.ST117.002      |                            |                   |
| 3.ST117.003      |                            |                   |
|                  | Pin                        | Stainless steel   |

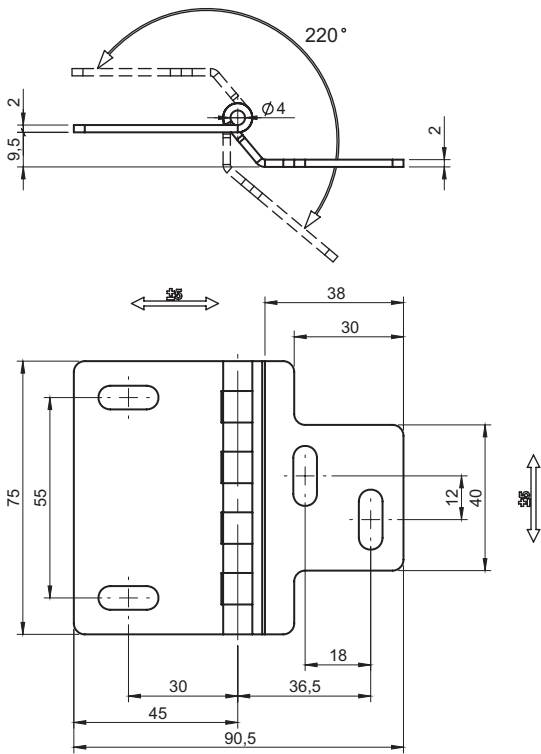
Hinge sold together with set of screws DIN 603 M8x16

Hinge with an opening angle limiter 3.ST145  
Hinge 3.ST146



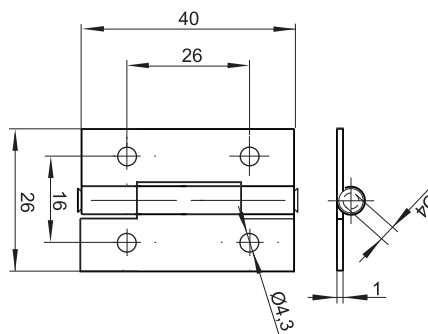
Hinge with an opening angle limiter up to 90°.

| CATALOGUE NUMBER | COMPONENTS        | MATERIAL        |
|------------------|-------------------|-----------------|
| 3.ST145.001SN    | Holder, Base, Pin | Stainless steel |

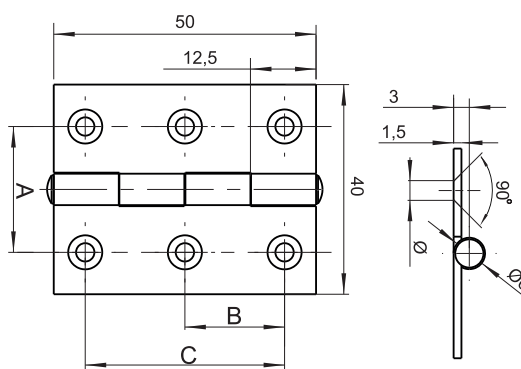


Hinge with two-way position adjustment

| CATALOGUE NUMBER | MATERIAL        |
|------------------|-----------------|
| 3.ST146.001SN    | Stainless steel |



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



| CATALOGUE NO.               | X  | Ø     | A  | B    | C  | where:<br>X - indication of the hinge<br>* -no chamfer on mounting holes |
|-----------------------------|----|-------|----|------|----|--------------------------------------------------------------------------|
| 3.ST48.00X<br>3.ST48.00X SN | 1  | 4,7mm | 24 | 19   | 38 |                                                                          |
|                             | 2  | 5mm   | 23 | 17,5 | 35 |                                                                          |
|                             | 3* | 4mm   | 23 | 17,5 | 35 |                                                                          |

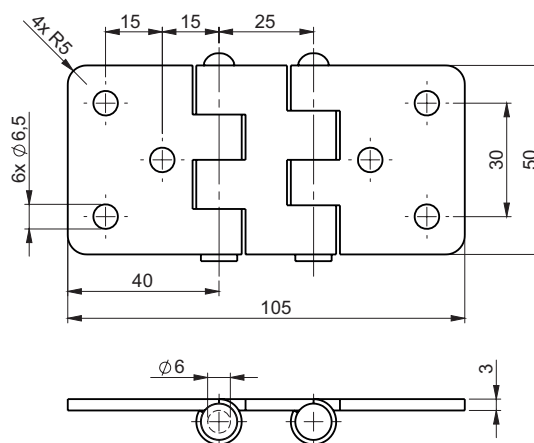
| CATALOGUE NUMBER | COMPONENTS        | MATERIAL          | FINISH [C] |          |
|------------------|-------------------|-------------------|------------|----------|
|                  |                   |                   | RAL 9005   | RAL 7035 |
| 3.ST48.00X       | Holder, Base, Pin | Steel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

**How to order:**

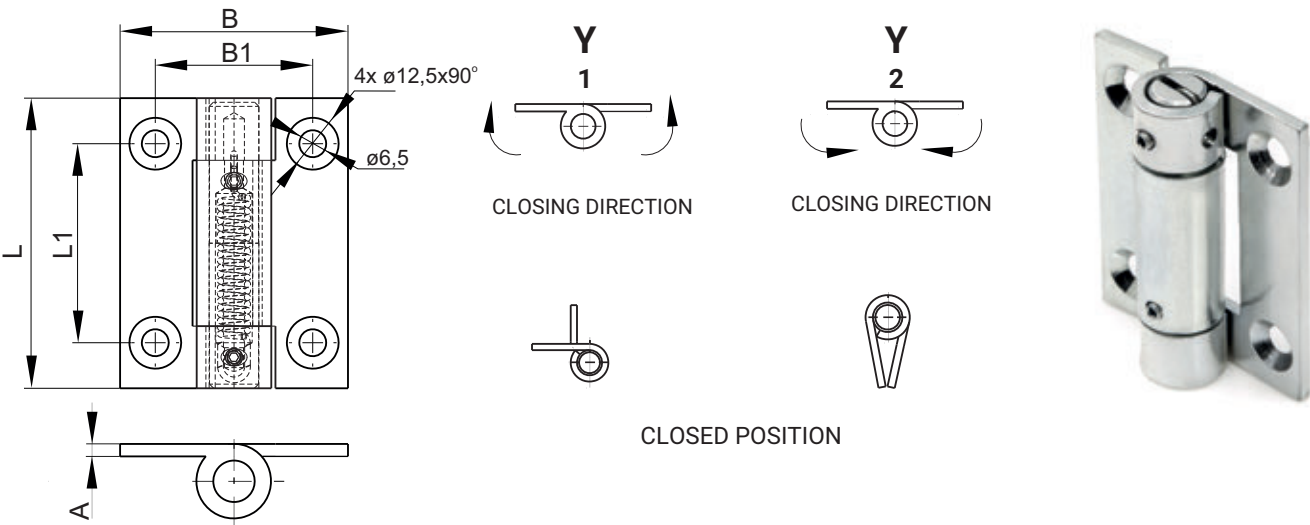
Catalogue number

Finish

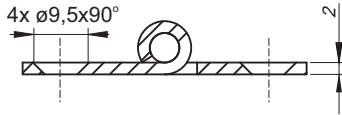
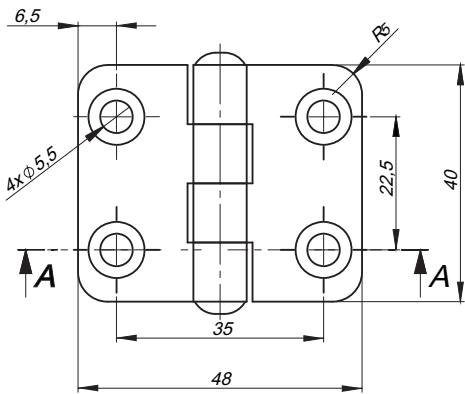
3.ST48.00X — C



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



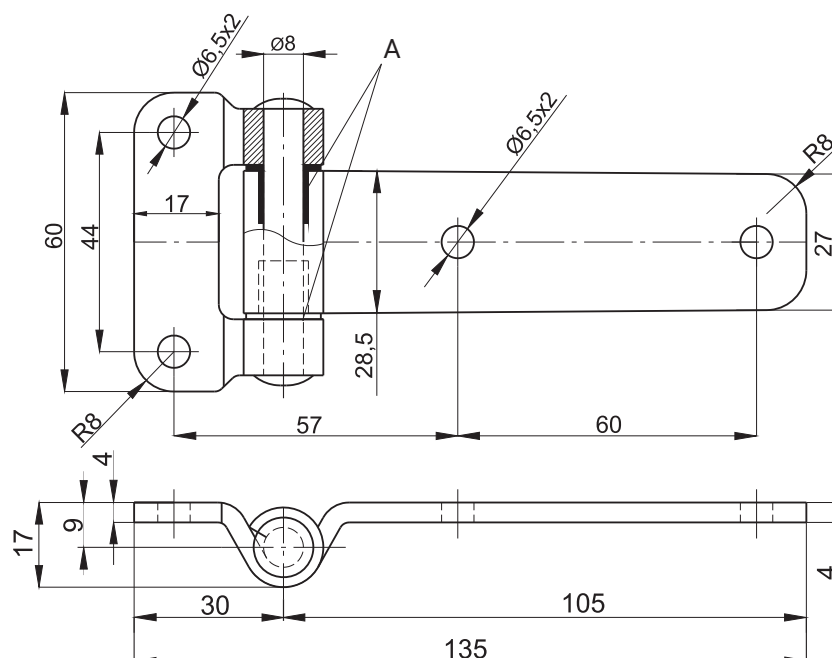
| HINGE            | X            | A | L                 | L1 | B  | B1 |
|------------------|--------------|---|-------------------|----|----|----|
| 3.ST108.X0Y      | 1            | 3 | 70                | 48 | 55 | 38 |
|                  | 2            | 3 | 80                | 60 | 65 | 45 |
|                  | 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 |



stainless  
steel

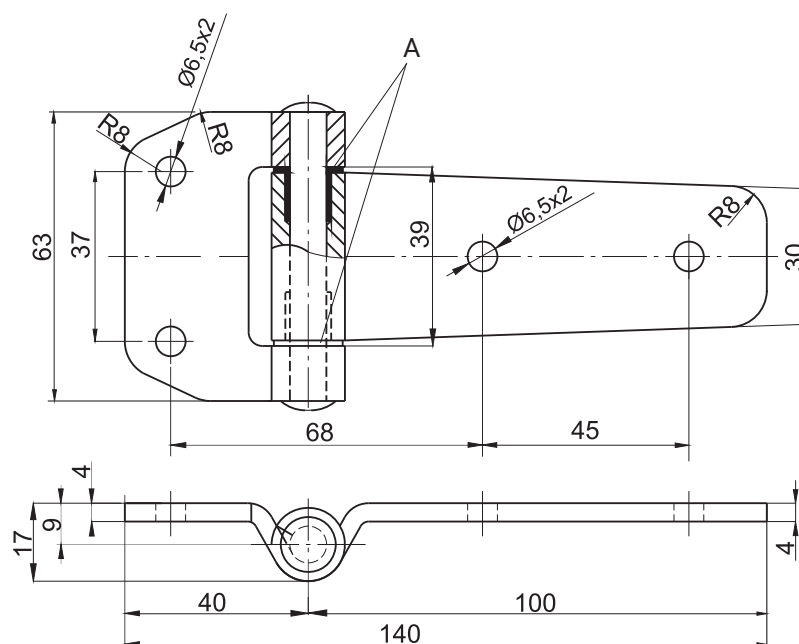


| CATALOGUE NUMBER | COMPONENTS        | MATERIAL          | FINISH [C] |
|------------------|-------------------|-------------------|------------|
|                  |                   |                   | RAL 9005   |
| 3.ST56.002       | Holder, Base      | Steel zinc plated | 04         |
|   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

A - plastic washers

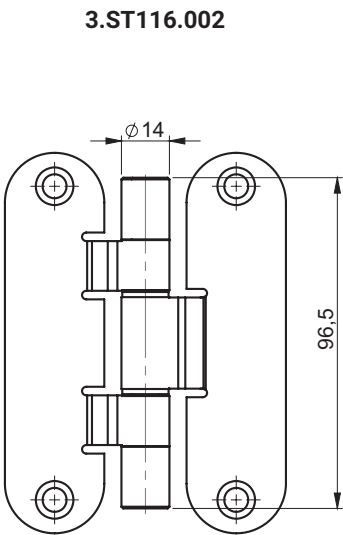
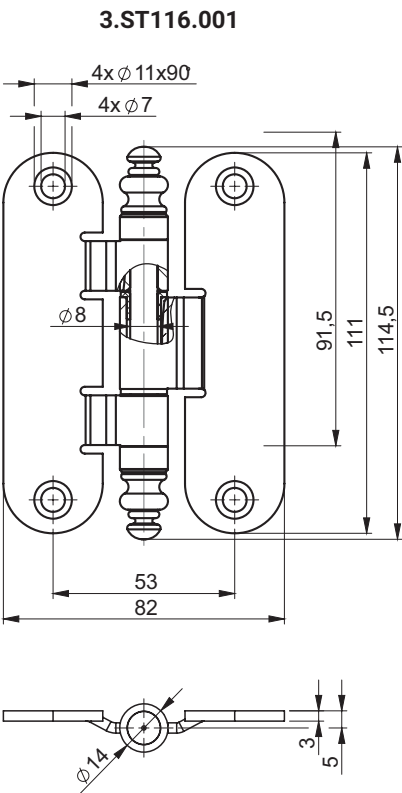


stainless  
steel



| 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



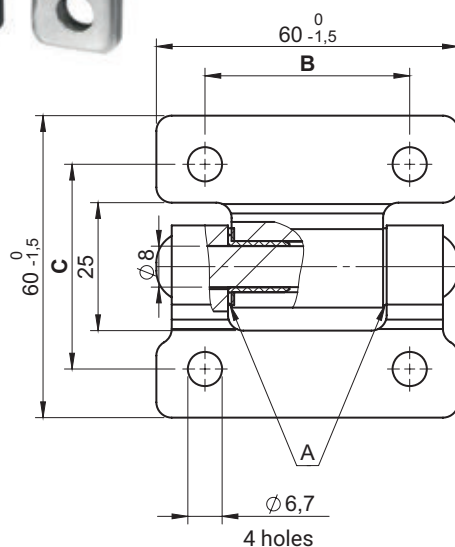
A - plastic bushing

| CATALOGUE NUMBER | 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            |

stainless  
steel

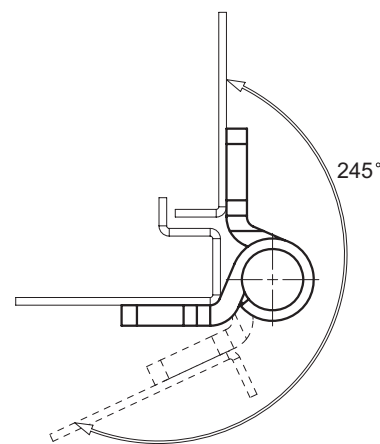
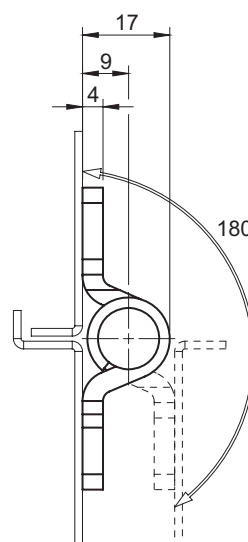
180°

240°



Version .001 .002

Version .003 .004



A - plastic bushing

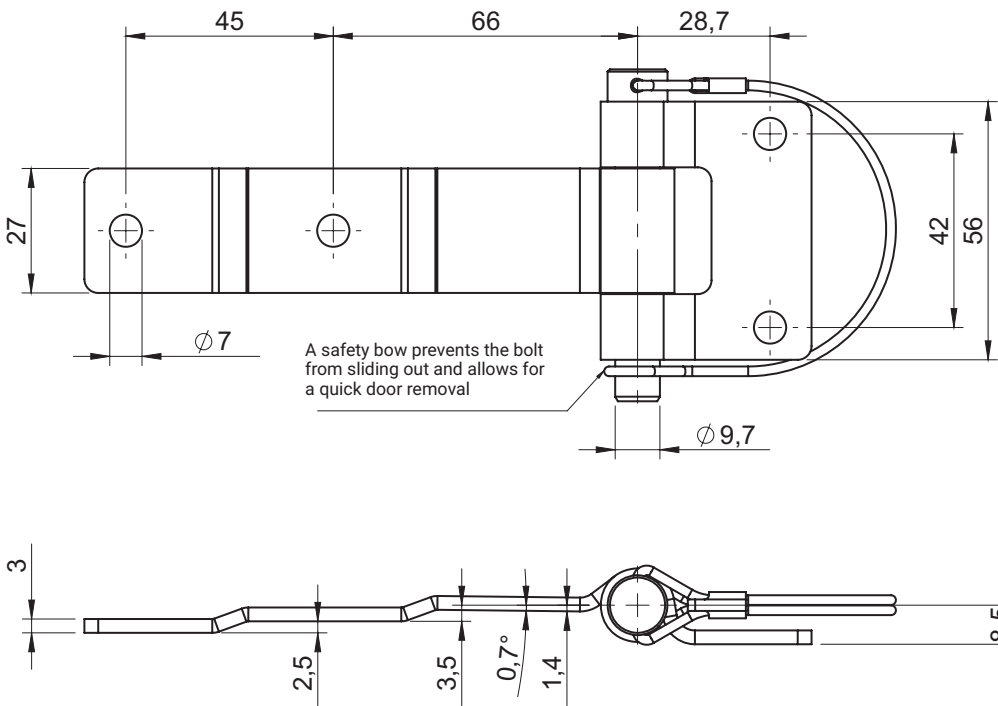
| CATALOGUE NUMBER | DIMENSION |    | COMPONENTS           | MATERIAL                             | FINISH [C] |
|------------------|-----------|----|----------------------|--------------------------------------|------------|
|                  | B         | C  |                      |                                      | RAL 9005   |
| 3.ST56-2.001     | 40        | 40 | Holder, Base,<br>Pin | Steel zinc plated<br>Stainless steel | 02         |
| 3.ST56-2.003     |           |    |                      |                                      |            |
| 3.ST56-2.002     | 44        | 43 |                      |                                      |            |
| 3.ST56-2.004     |           |    |                      |                                      |            |
| 3.ST56-2.001SN   | 40        | 40 | Holder, Base,<br>Pin | Stainless steel                      | Brak       |
| 3.ST56-2.003SN   |           |    |                      |                                      |            |
| 3.ST56-2.002SN   | 44        | 43 |                      |                                      |            |
| 3.ST56-2.004SN   |           |    |                      |                                      |            |

## How to order:

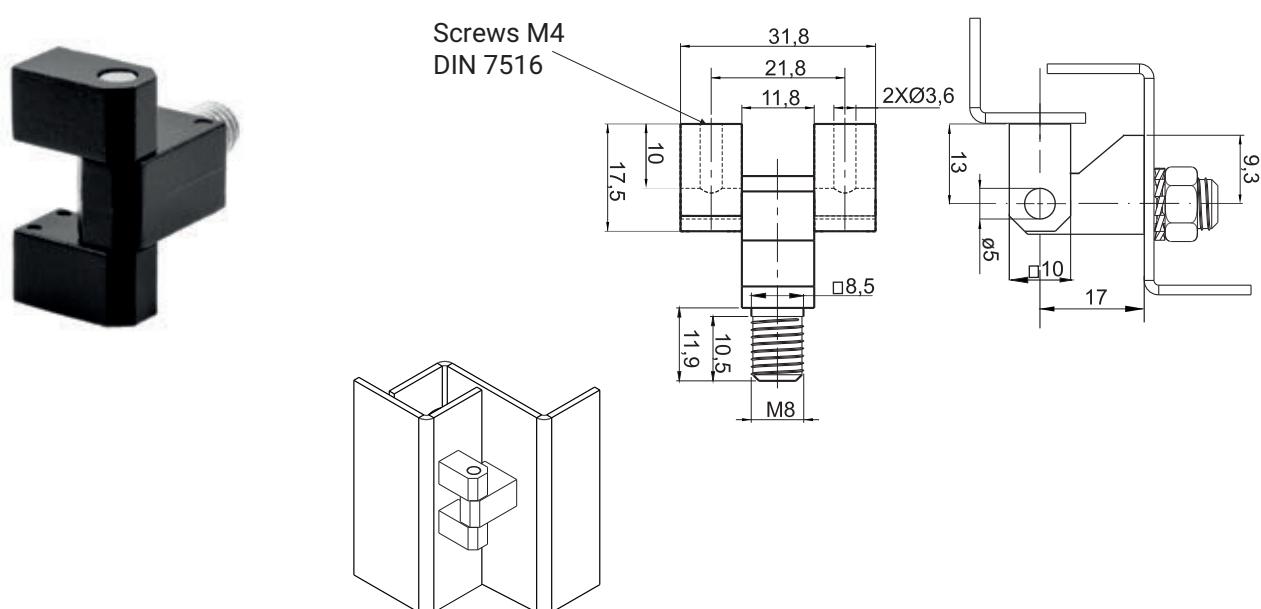
Catalogue number  
Finish [C]

3.ST56-2.001 — 02



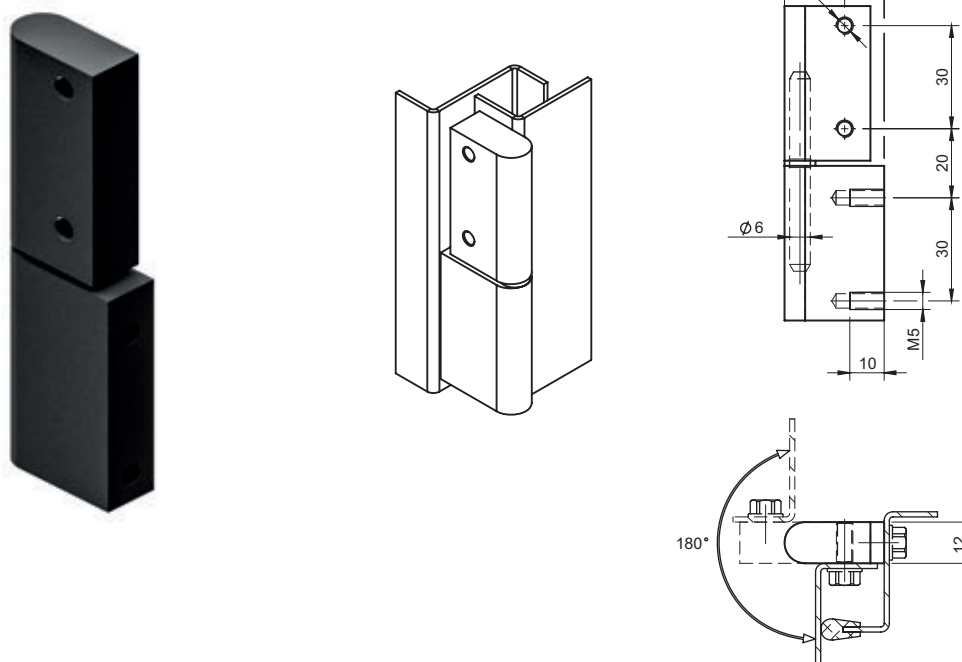


| CATALOGUE NUMBER | COMPONENTS                    | MATERIAL        |
|------------------|-------------------------------|-----------------|
| 3.ST134.001SN    | Holder, Base, Pin, Safety bow | Stainless steel |

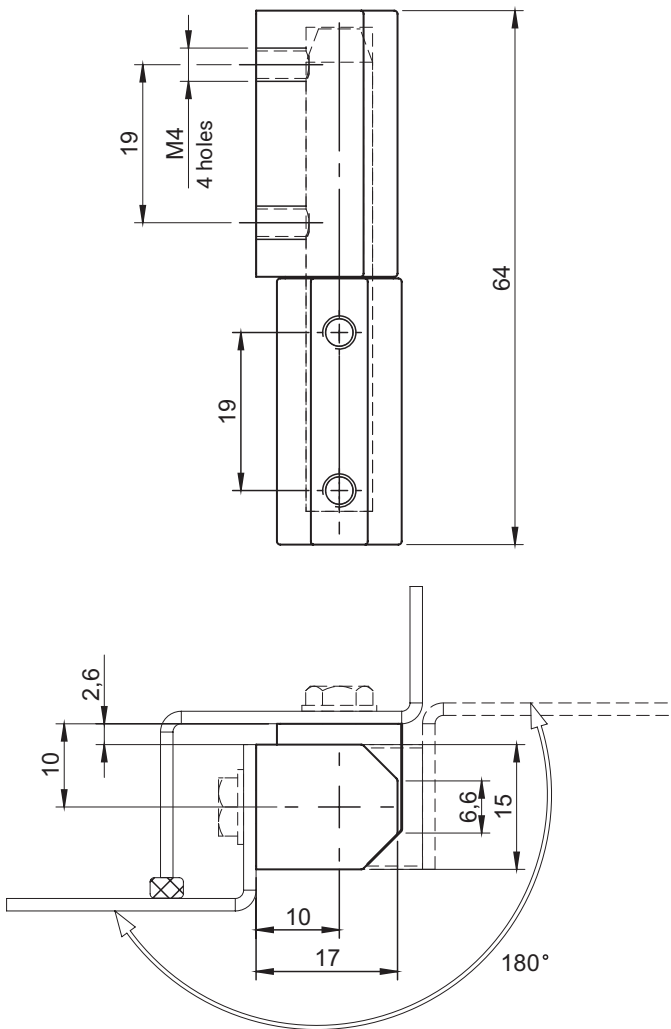


| CATALOGUE NUMBER | COMPONENTS   | MATERIAL            | FINISH [C] |
|------------------|--------------|---------------------|------------|
|                  |              |                     | RAL 9005   |
| 3.ZN20.001       | Holder, Base | ZAMAK 5             | 04         |
|               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

180°  

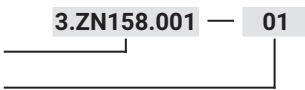


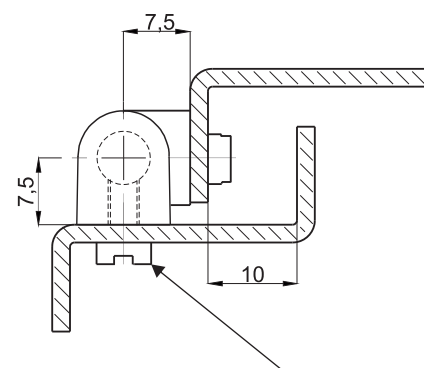
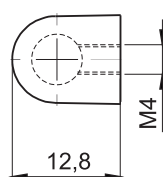
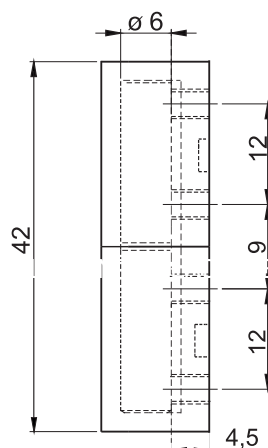
| CATALOGUE NUMBER | COMPONENTS   | MATERIAL          | FINISH [C] |
|------------------|--------------|-------------------|------------|
|                  |              |                   | RAL 9005   |
| 3.ST49.001       | Holder, Base | Steel             | 04         |
|                  | Pin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



| CATALOGUE<br>NUMBER | COMPONENTS   | MATERIAL        | FINISH [C] |          |
|---------------------|--------------|-----------------|------------|----------|
|                     |              |                 | Chrome     | RAL 9005 |
| 3.ZN158.001         | Base, Holder | ZAMAK           | 01         | 04       |
|                     | Insert       | Stainless Steel | -          | -        |

How to order:  
Catalogue number  
Finish [C]



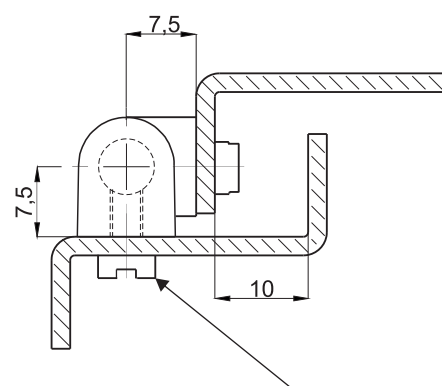
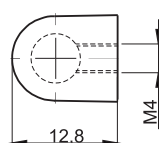
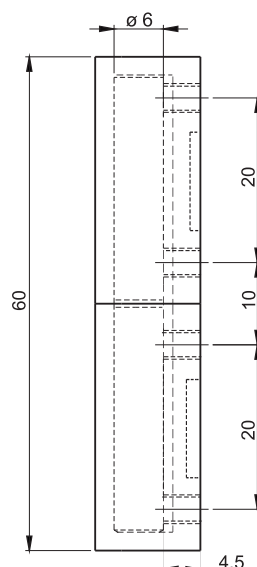


Screws M4 with cylindrial head  
DIN 84, ISO1207 \*\*

| 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

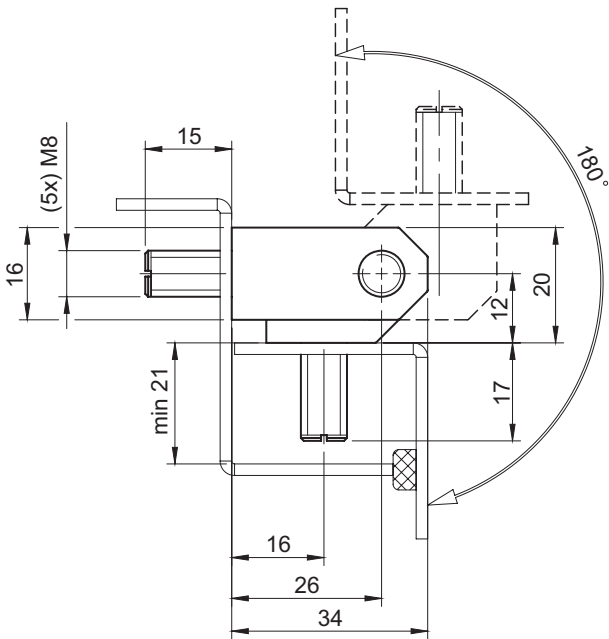
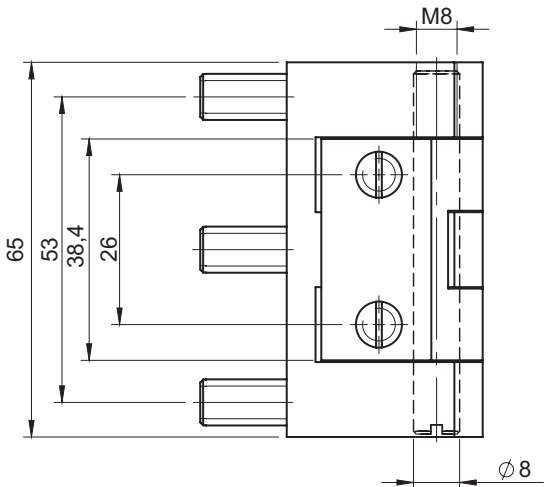


Screws M4 with cylindrial head  
DIN 84, ISO1207 \*\*

| 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.

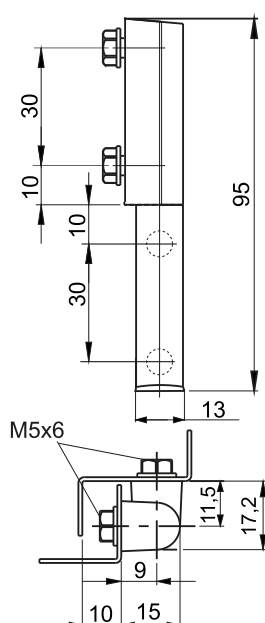
\*\*not included order



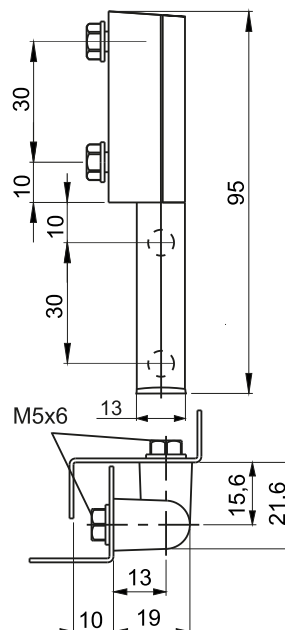
| CATALOGUE<br>NUMBER | COMPONENTS        | MATERIAL | FINISH [C]   |
|---------------------|-------------------|----------|--------------|
|                     |                   |          | Nickel<br>02 |
| 3.ST126.001         | Holder, Base, Pin | Steel    |              |



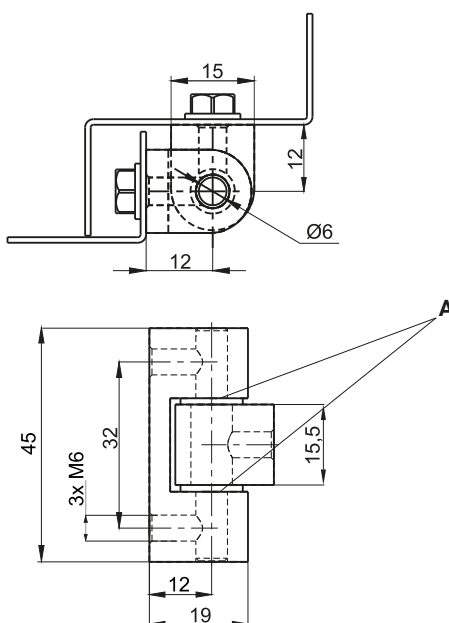
3.ZN151.001



3.ZN152.001

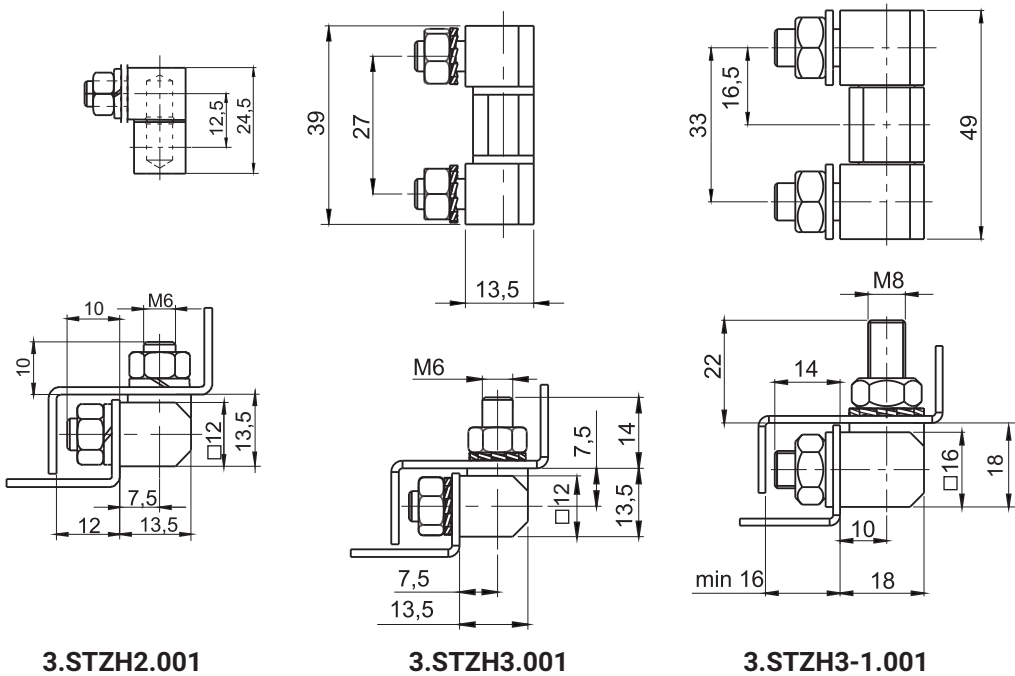


| CATALOGUE NUMBER | COMPONENTS   | MATERIAL        | FINISH [C] |  |
|------------------|--------------|-----------------|------------|--|
|                  |              |                 | RAL 9005   |  |
| 3.ZN151.001      | Holder, Base | Polyamide       | 07         |  |
| 3.ZN152.001      | 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 | -          | -       |

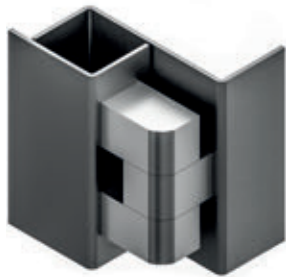
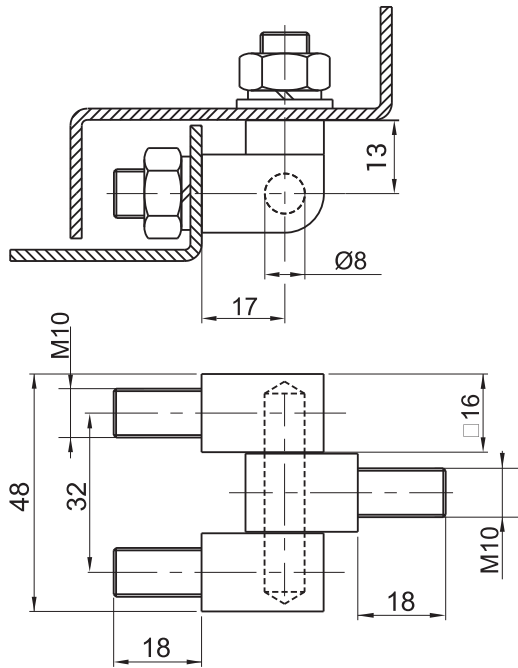
A - plastic washer



stainless  
steel



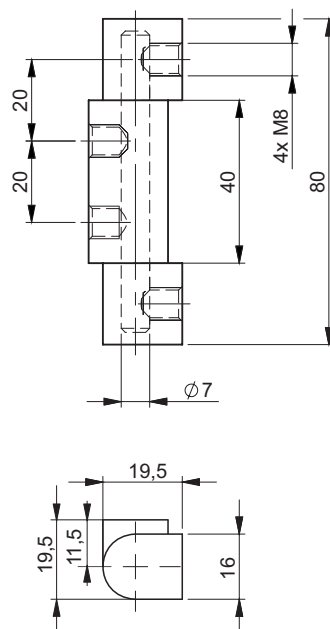
| CATALOGUE NUMBER                                  | COMPONENTS        | MATERIAL          |
|---------------------------------------------------|-------------------|-------------------|
| 3.STZH2.001<br>3.STZH3.001<br>3.STZH3-1.001       | Holder, Base, Pin | Steel zinc plated |
| 3.STZH2.001SN<br>3.STZH3.001SN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



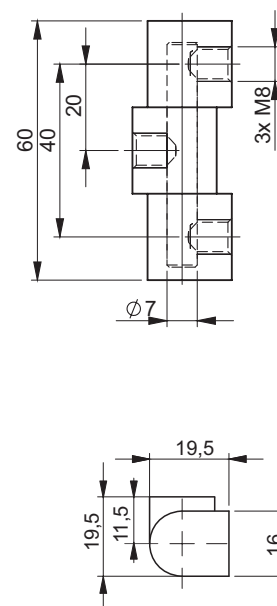
| CATALOGUE NUMBER | COMPONENTS        | MATERIAL          |
|------------------|-------------------|-------------------|
| 3.ST73.001       | Holder, Base, Pin | Steel zinc plated |



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:

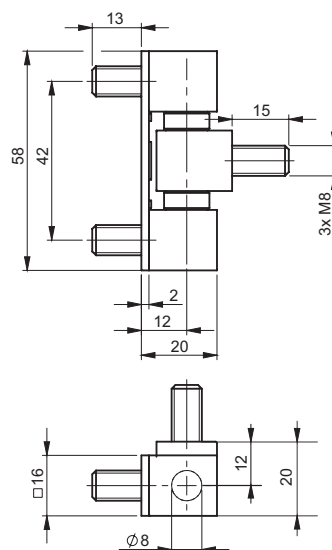
Catalogue number  
Finish

3.504.001

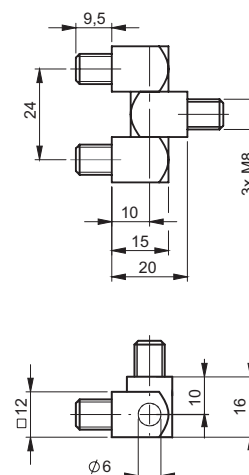
C



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 |            |  |

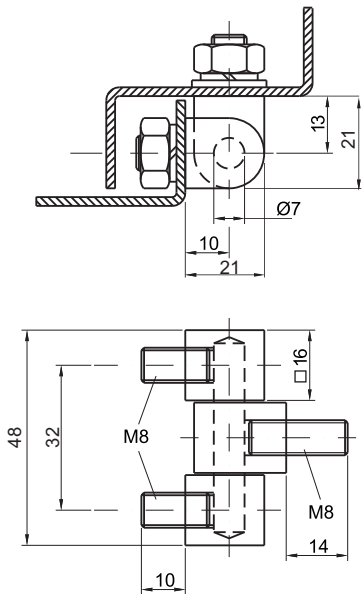
## How to order:

Catalogue number  
Finish

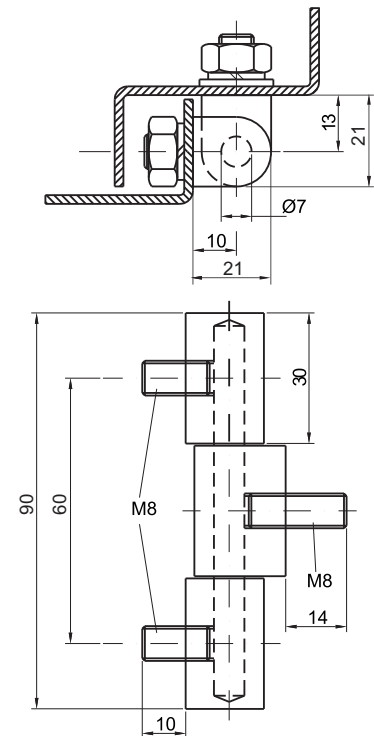
3.506.001

C

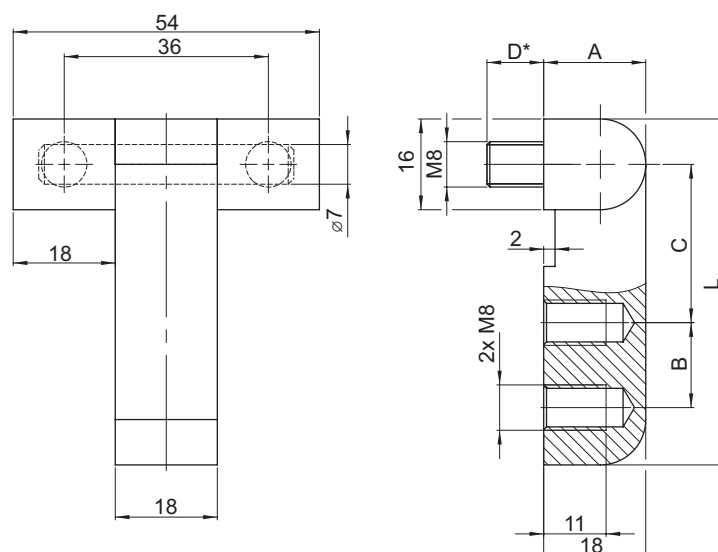




| CATALOGUE NUMBER | COMPONENTS        | MATERIAL          |
|------------------|-------------------|-------------------|
| 3.ST17.001       | Pin               | Steel zinc plated |
|                  | Holder, Base      | Brass             |
| 3.ST17.001SN     | Holder, Base, Pin | Stainless steel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

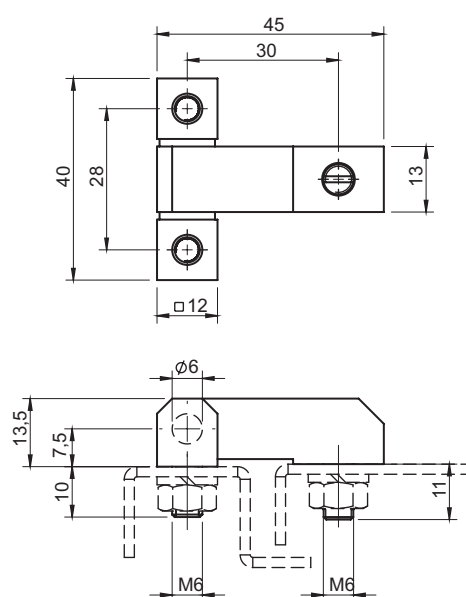


| CATALOGUE NUMBER | COMPONENTS        | MATERIAL          |
|------------------|-------------------|-------------------|
| 3.ST18.001       | Pin               | Steel zinc plated |
|                  | Holder, Base      | Brass             |
| 3.ST18.001SN     | Holder, Base, Pin | Stainless steel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



| CATALOGUE NO. | L   | A  | B  | C  | D  | COMPONENTS            | MATERIAL                                                    |
|---------------|-----|----|----|----|----|-----------------------|-------------------------------------------------------------|
| 3.ST21.001    | 61  | 18 | 15 | 28 | 10 | Holder<br>Base<br>Pin | Steel zinc plated<br>Brass zinc plated<br>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<br>Pin   | Steel zinc plated                                           |
| 3.ST21.107    | 108 | 25 | 30 | 60 | 20 |                       |                                                             |
| 3.ST21.001SN  | 61  | 18 | 15 | 28 | 10 | Holder<br>Base<br>Pin | Stainless steel                                             |
| 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<br>Pin   | Stainless steel                                             |
| 3.ST21.107SN  | 108 | 25 | 30 | 60 | 20 |                       |                                                             |

\* possibility to make in different dimension

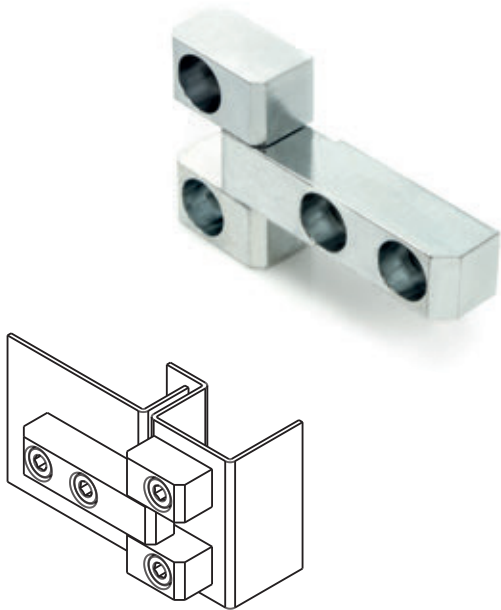
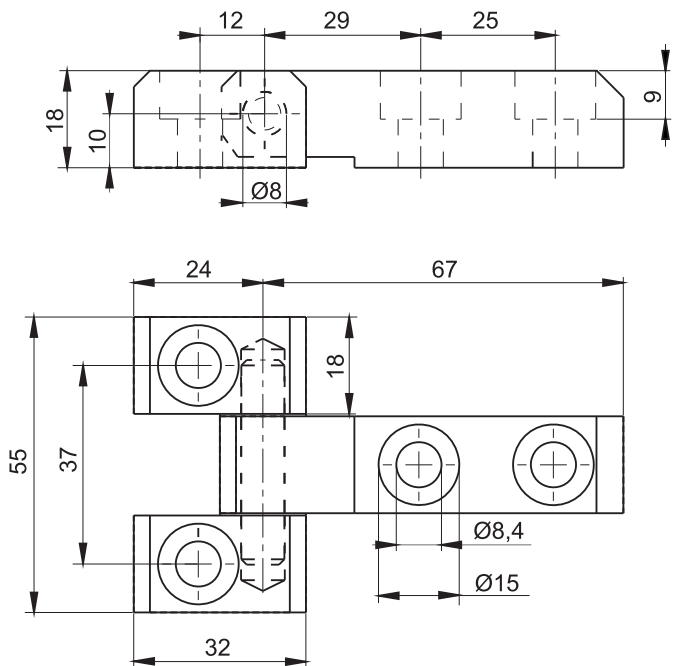


|              |  |  |
|--------------|--|--|
| 3.ST22.001   |  |  |
| 3.ST22.001SN |  |  |

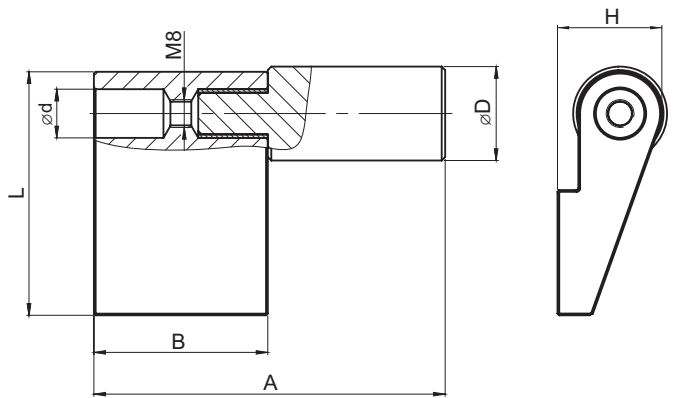
3A-65

| External hinges

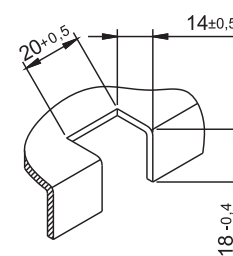
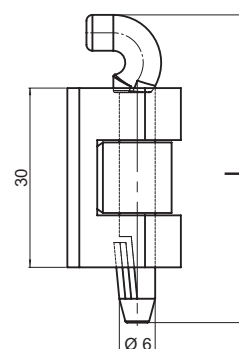
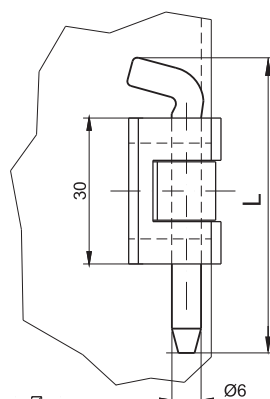
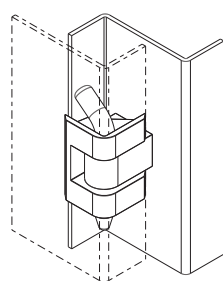
[www.roztocze.eu](http://www.roztocze.eu)



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

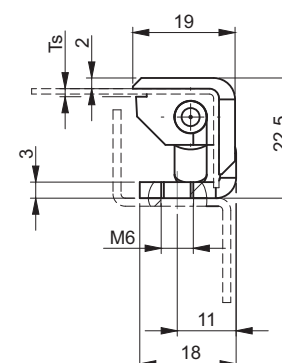
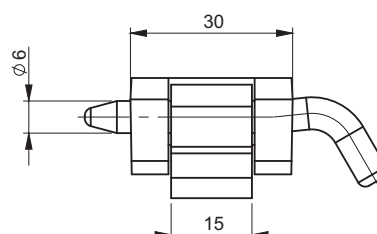
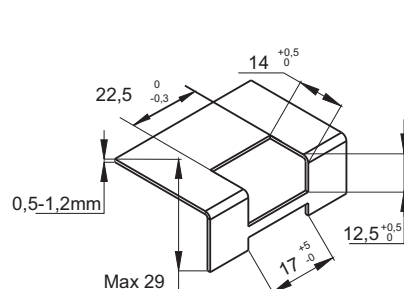


| HINGE         | D          | d  | L    | H        | A   | B  |
|---------------|------------|----|------|----------|-----|----|
| 3.ST102.001   | 27         | 14 | 70   | 30       | 101 | 50 |
| 3.ST102.002   | 27         | 14 | 90   | 30       | 101 | 50 |
| 3.ST102.006   | 20         | 12 | 55,5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



Mounting hole

| CATALOGUE NO. | DIMENSION L [mm] |              | COMPONENTS        | MATERIAL          | FINISH [C] |        |         |         |         |
|---------------|------------------|--------------|-------------------|-------------------|------------|--------|---------|---------|---------|
|               |                  |              |                   |                   | Chrome     | Nickel | RAL9005 | RAL7035 | RAL7032 |
| 3.ZN70.001    | 56,5             | 70           | Holder, Base      | ZAMAK 5           | 01         | 02     | 04      | 05      | 12      |
|               |                  |              | Pin               | Steel zinc plated |            |        |         |         |         |
| 3.ZN70.003    | 51,5             | Holder, Base | ZAMAK5            |                   |            |        |         |         |         |
|               |                  | Pin          | POM               |                   |            |        |         |         |         |
| 3.ZN70.002SN  | 56,5             | 70           | Holder, Base, Pin | Stainless steel   | -          |        |         |         |         |



Ts - thickness of metal sheet [mm]

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

**How to order:**

Catalogue number

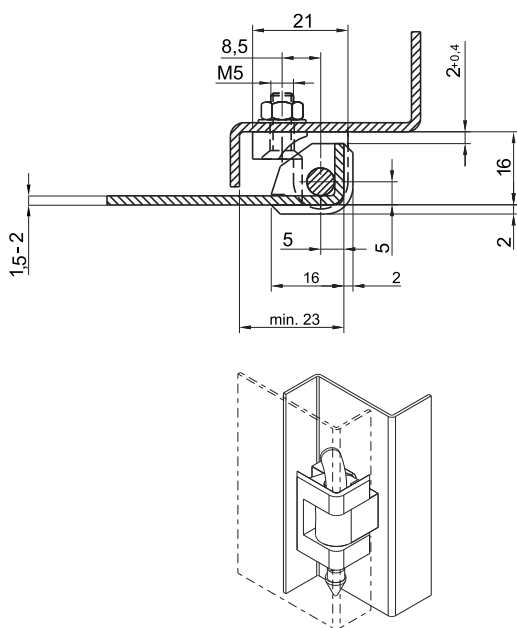
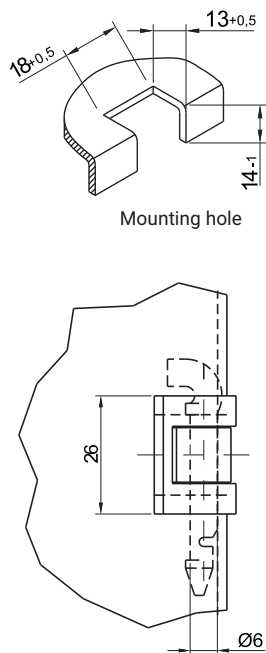
Dimension

## Finish

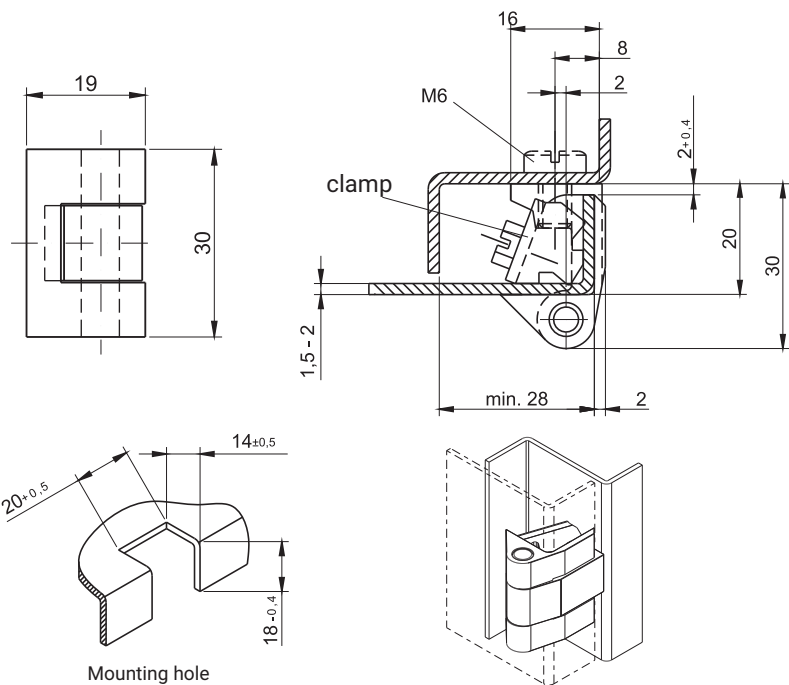
3.ZN75.001

L

C



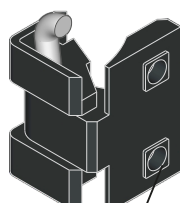
| CATALOGUE NUMBER | COMPONENTS        | MATERIAL  | FINISH [C] |         |
|------------------|-------------------|-----------|------------|---------|
|                  |                   |           | RAL9005    | RAL7035 |
| 3.ZN90.001       | Holder, Base, Pin | Polyamide | 07         | 08      |



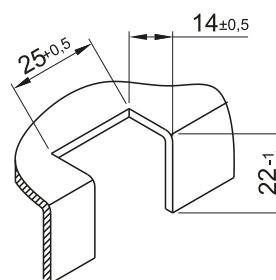
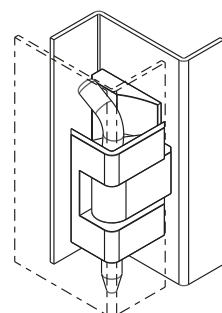
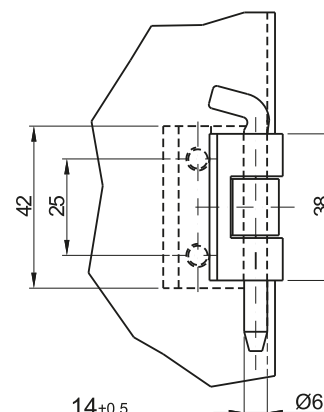
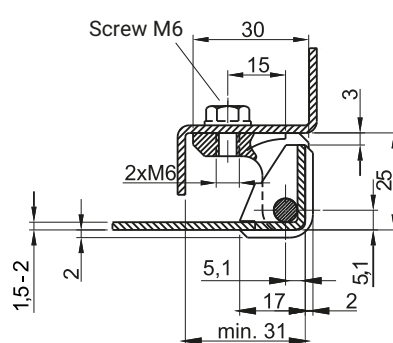
| CATALOGUE NUMBER | COMPONENTS               | MATERIAL          | FINISH [C] |         |
|------------------|--------------------------|-------------------|------------|---------|
|                  |                          |                   | RAL9005    | RAL7035 |
| 3.ZN100.001      | Holder,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

\* possibility to make a different color

How to order:  
Catalogue number 3.ZN100.001 — C  
Finish



\*\* - with weaning  $\square 8 \times 1$  mm



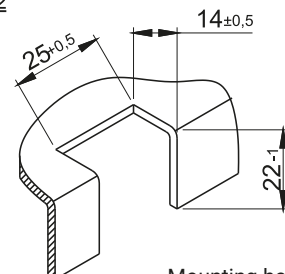
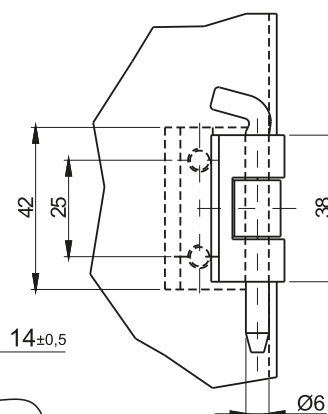
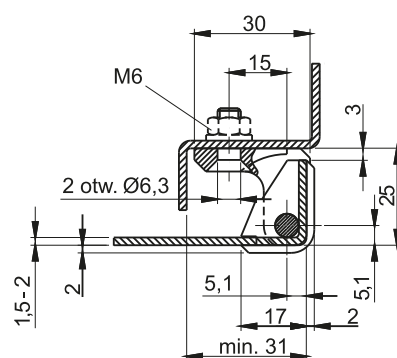
Mounting hole

Can be ordered without thread

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

| 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



Mounting hole

| 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

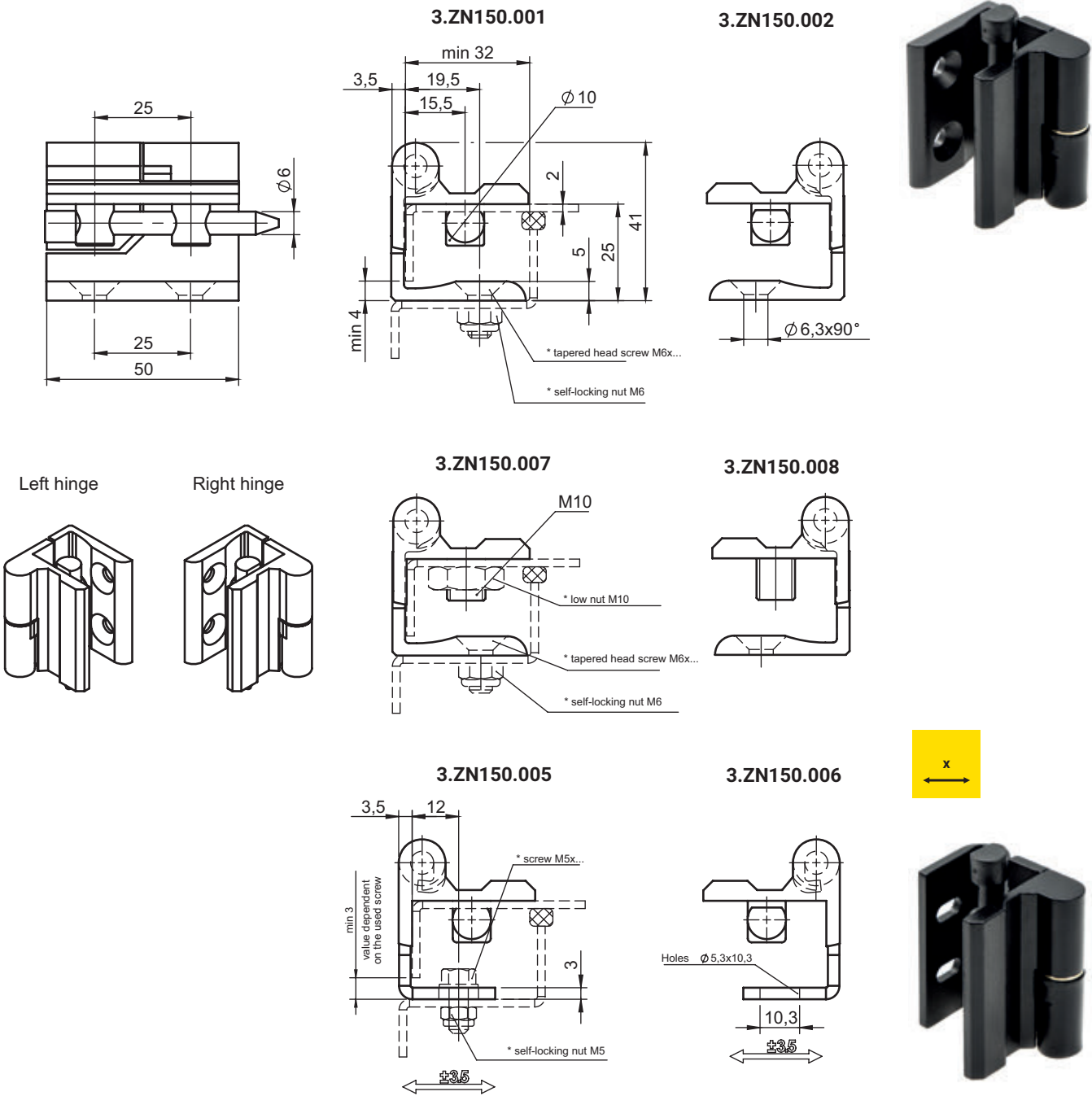
How to order:

Catalogue number

Finish

3.ZN80.001

C



180° opening angle hinge with a lock to prevent the door from being removed from the cabinet when the door is closed and a door opening angle of less than ~60°  
\* - not included, to be ordered separately

| VERSION | CATALOGUE NUMBER           | COMPONENTS | MATERIAL          | FINISH [C] |
|---------|----------------------------|------------|-------------------|------------|
|         |                            |            |                   | RAL9005    |
| Right   | 3.ZN150.001<br>3.ZN150.007 | Holder     | ZAMAK 5           | 04         |
|         |                            | Base       | ZAMAK 5           |            |
| Left    | 3.ZN150.002<br>3.ZN150.008 | Screw      | Poliamid          | -          |
|         |                            | Pin        | Steel zinc plated |            |
| Right   | 3.ZN150.005                | Holder     | ZAMAK 5           | 04         |
|         |                            | Base       | Steel             |            |
| Left    | 3.ZN150.006                | Screw      | Poliamid          | -          |
|         |                            | Pin        | Steel zinc plated |            |

180°



3.ZN154.001



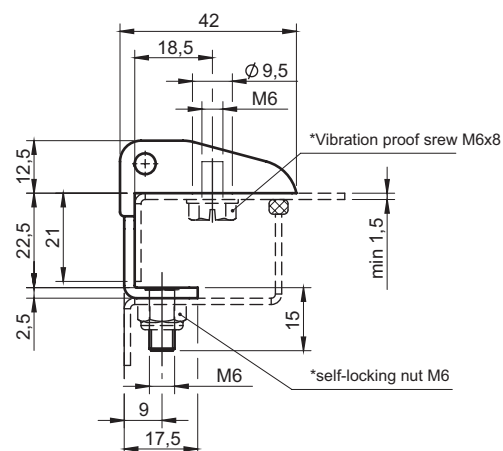
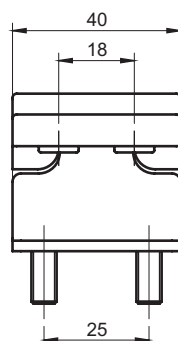
3.ZN154.002



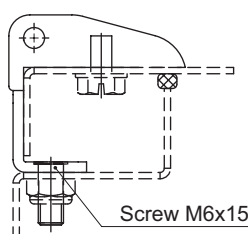
3.ZN154.003



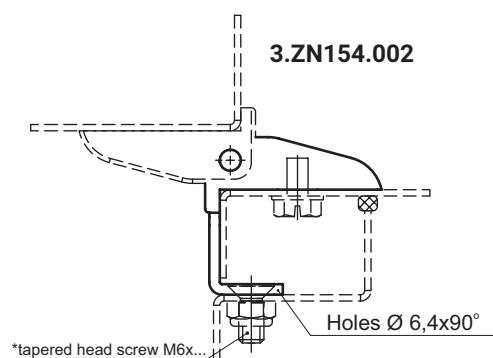
3.ZN154.010



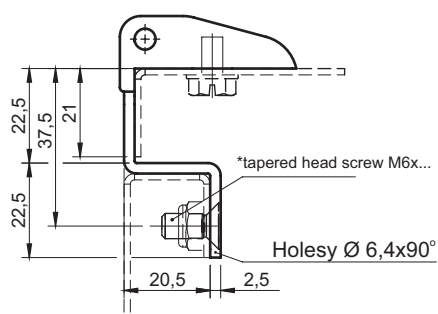
3.ZN154.001



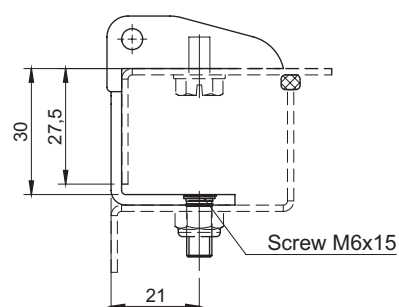
3.ZN154.002



3.ZN154.003



3.ZN154.010



\*not included, to be ordered separately

| CATALOGUE<br>NUMBER | COMPONENTS | MATERIAL          | FINISH [C] |         |
|---------------------|------------|-------------------|------------|---------|
|                     |            |                   | RAL9005    | RAL7035 |
| 3.ZN154.001         | Holder     | ZAMAK 5           | 04         | 05      |
| 3.ZN154.002         | Base       | Steel zinc plated |            |         |
| 3.ZN154.003         | Pin        | Stainless steel   | -          | -       |
| 3.ZN154.010         |            |                   |            |         |

How to order:

Catalogue number

Finish

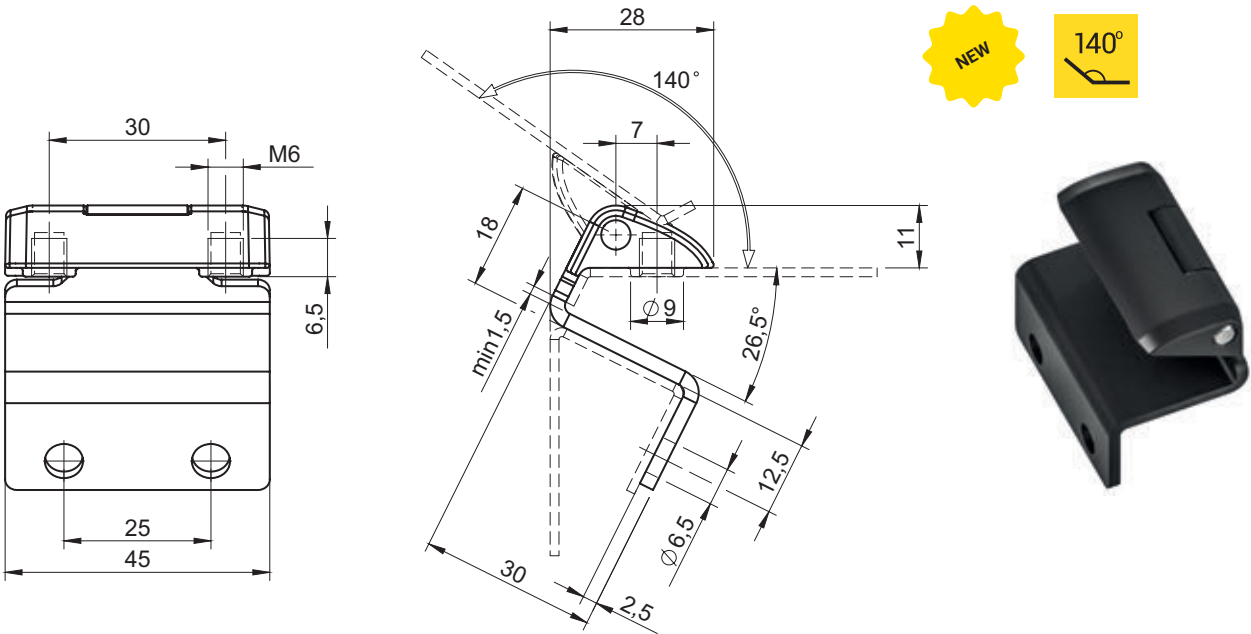
3.ZN154.001 — C

3A-71

| External hinges

www.roztocze.eu



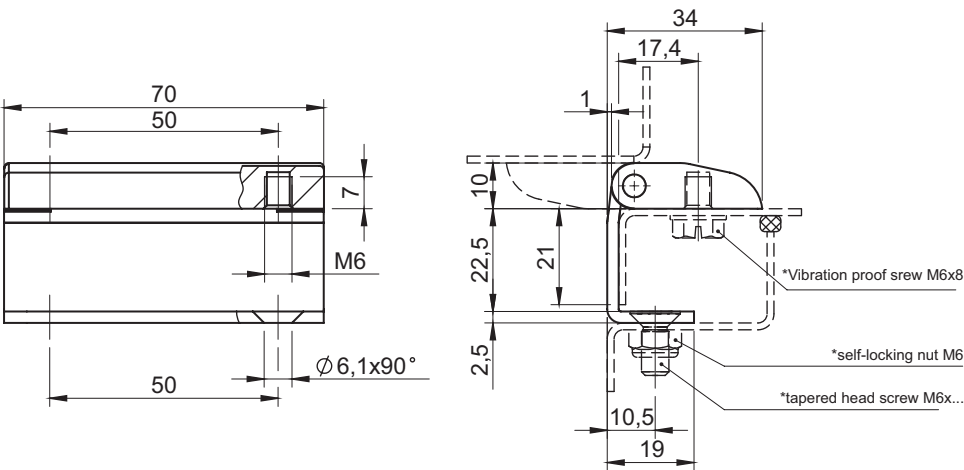


| CATALOGUE NUMBER | COMPONENTS | MATERIAL          |
|------------------|------------|-------------------|
| 3.ZN157.001      | Holder     | ZAMAK             |
|                  | Base       | Steel zinc plated |
|                  | Pin        | Stainless steel   |
| FINISH [C]       |            |                   |
| RAL9005          |            | RAL7035           |
| 04               |            | 05                |

How to order:

Catalogue number  
Finish [C]

3.ZN154.001 — 04



\* - not included, to be ordered separately

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

How to order:

Catalogue number  
Finish [C]

3.ZN154.009 — 04



**3A-73**

| External hinges

[www.roztocze.eu](http://www.roztocze.eu)



1

Locking  
systems

2

Locks  
Latches

3

Internal hinges

4

Clamps

5

Accessories

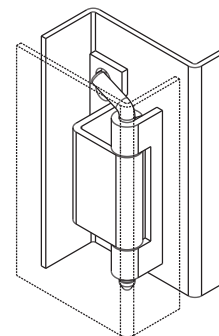
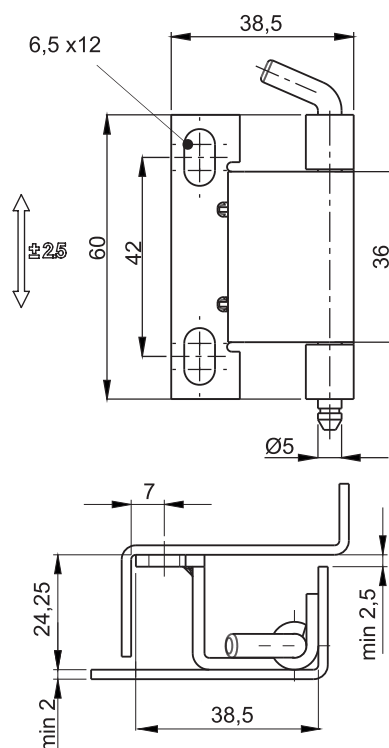
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Gasketing  
profiles

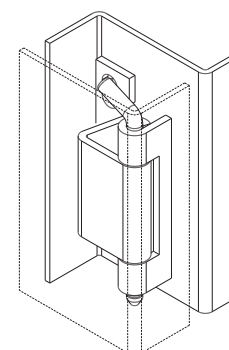
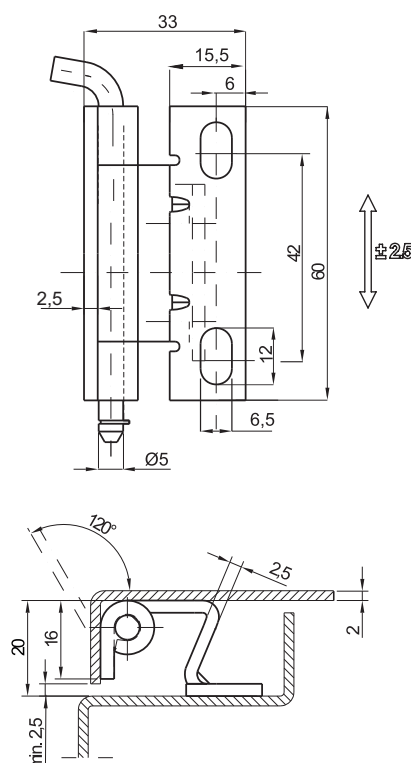
7

Custom  
products

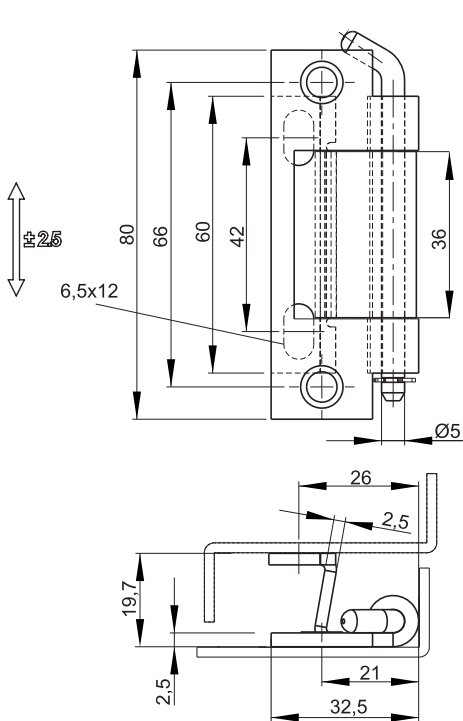




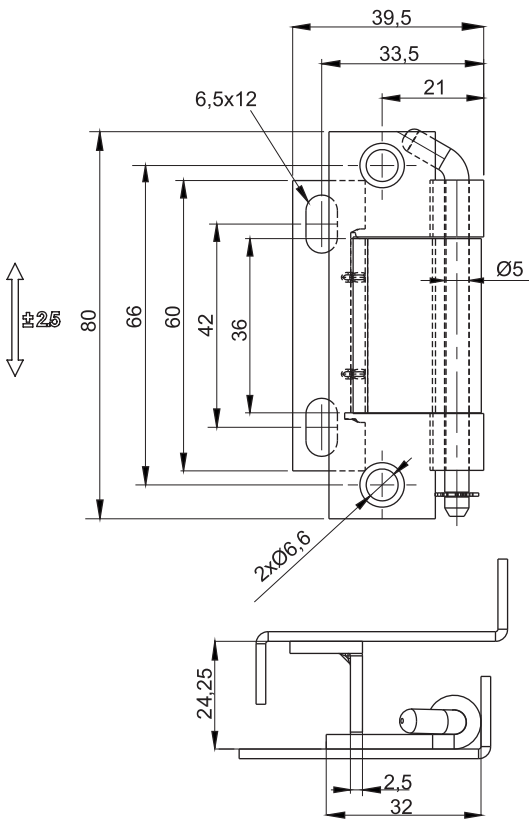
| CATALOGUE NUMBER | COMPONENTS        | MATERIAL          |
|------------------|-------------------|-------------------|
| 3.ST4-1.001      | Base, Pin         | Steel zinc plated |
|                  | Holder            | Steel             |
| 3.ST4-1.001SN    | Holder, Base, Pin | Stainless steel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



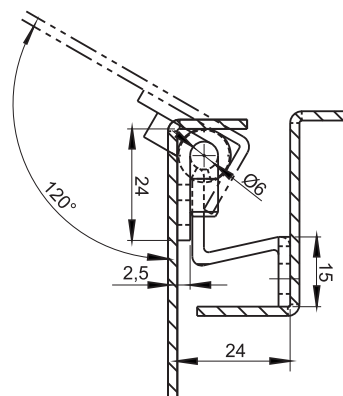
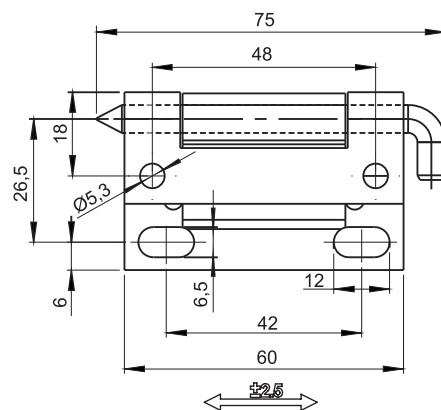
| CATALOGUE NUMBER | COMPONENTS        | MATERIAL          |
|------------------|-------------------|-------------------|
| 3.ST4.001        | Base, Pin         | Steel zinc plated |
|                  | Holder            | Steel             |
| 3.ST4.001SN      | Holder, Base, Pin | Stainless steel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



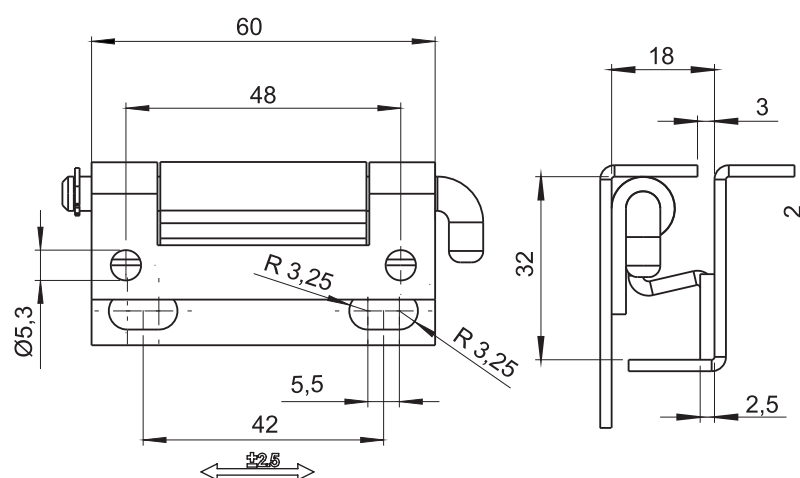
| CATALOGUE NUMBER | COMPONENTS        | MATERIAL          |
|------------------|-------------------|-------------------|
| 3.ST4-2.001      | Holder, Base, Pin | Steel zinc plated |
| 3.ST4-2.001SN    | Holder, Base, Pin | Stainless steel   |



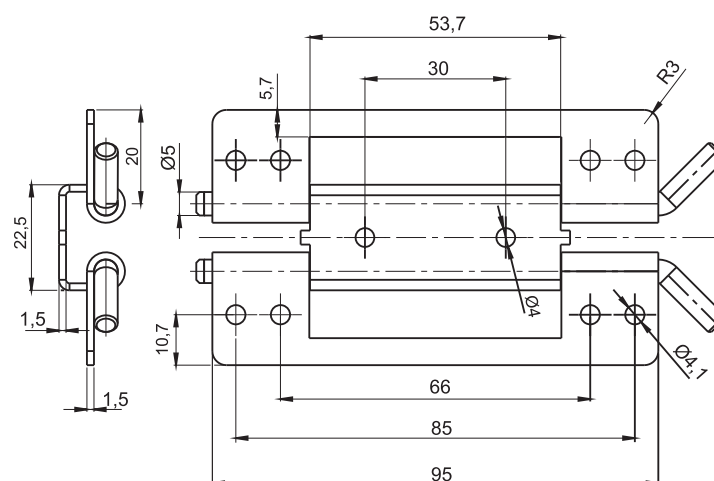
| CATALOGUE NUMBER | COMPONENTS        | MATERIAL          |
|------------------|-------------------|-------------------|
| 3.ST4-4.001      | Holder, Base, Pin | Steel zinc plated |
| 3.ST4-4.001SN    | Holder, Base, Pin | Stainless steel   |



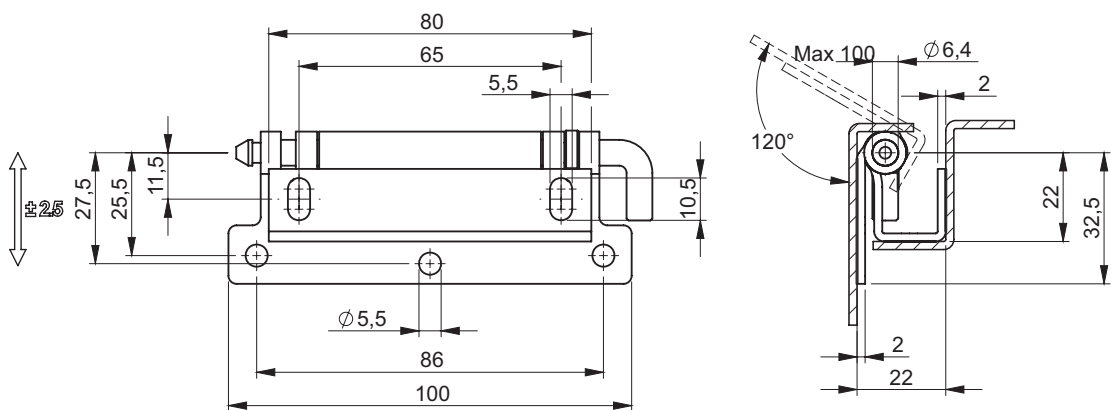
| CATALOGUE NUMBER | COMPONENTS        | MATERIAL          |
|------------------|-------------------|-------------------|
| 3.ST27.001       | Holder, Base, Pin | Steel zinc plated |
| 3.ST27.001SN     | Holder, Base, Pin | Stainless steel   |



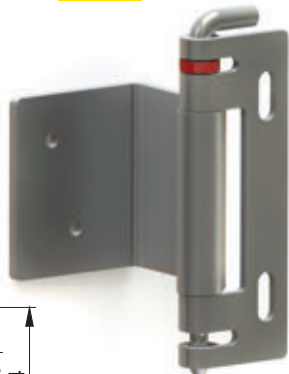
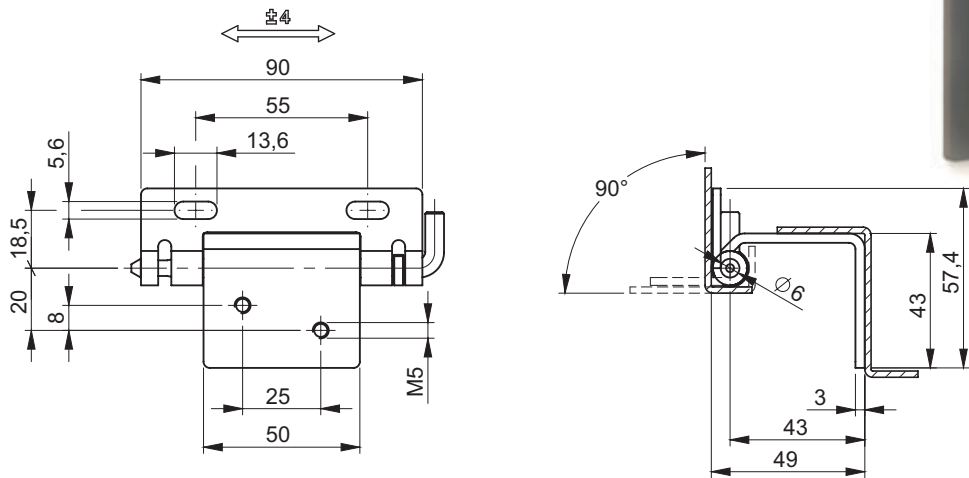
| CATALOGUE NUMBER | COMPONENTS        | MATERIAL          |
|------------------|-------------------|-------------------|
| 3.ST27-1.001     | Holder, Base, Pin | Steel zinc plated |
| 3.ST27-1.001SN   | Holder, Base, Pin | Stainless steel   |



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



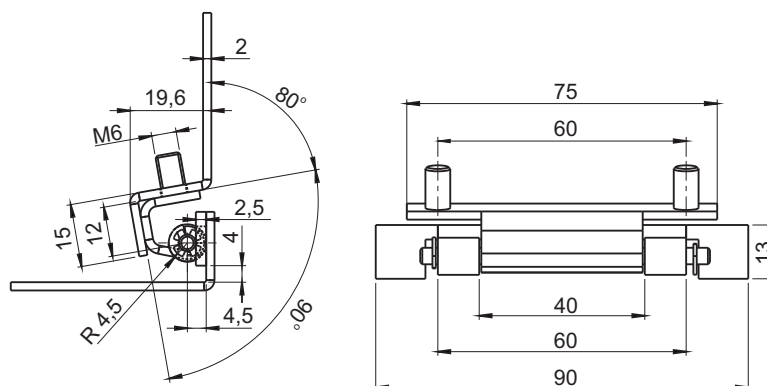
| CATALOGUE NO. | COMPONENTS        | MATERIAL          |
|---------------|-------------------|-------------------|
| 3.ST115.001   | Holder, Base, Pin | Steel zinc plated |
|               | Blockade          | POM               |
| 3.ST115.001SN | Holder, Base, Pin | Stainless steel   |
|         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



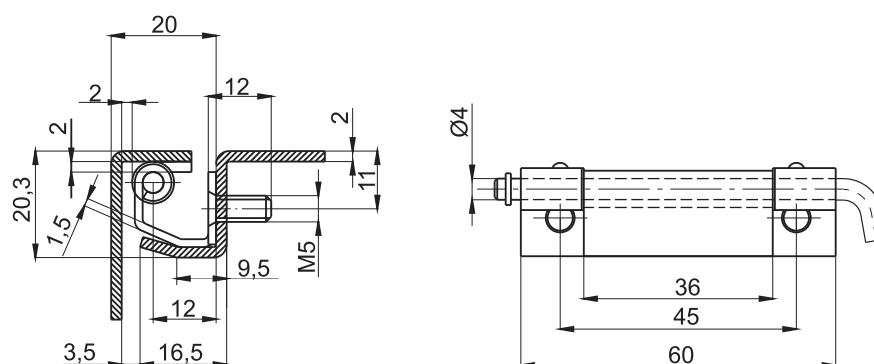
stainless steel



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



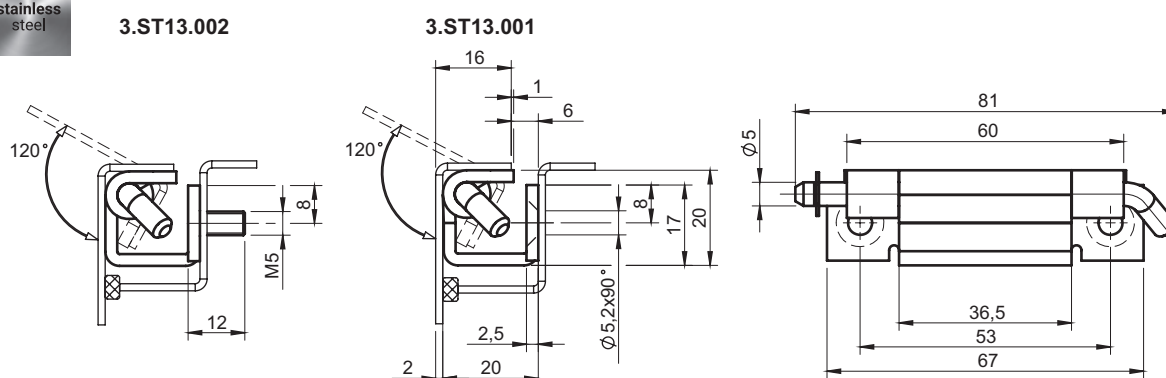
stainless steel



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

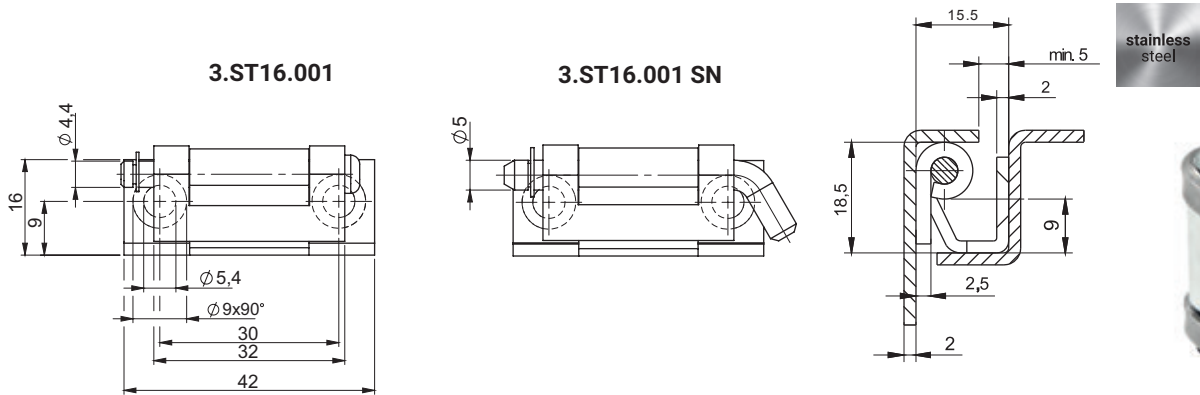


stainless steel

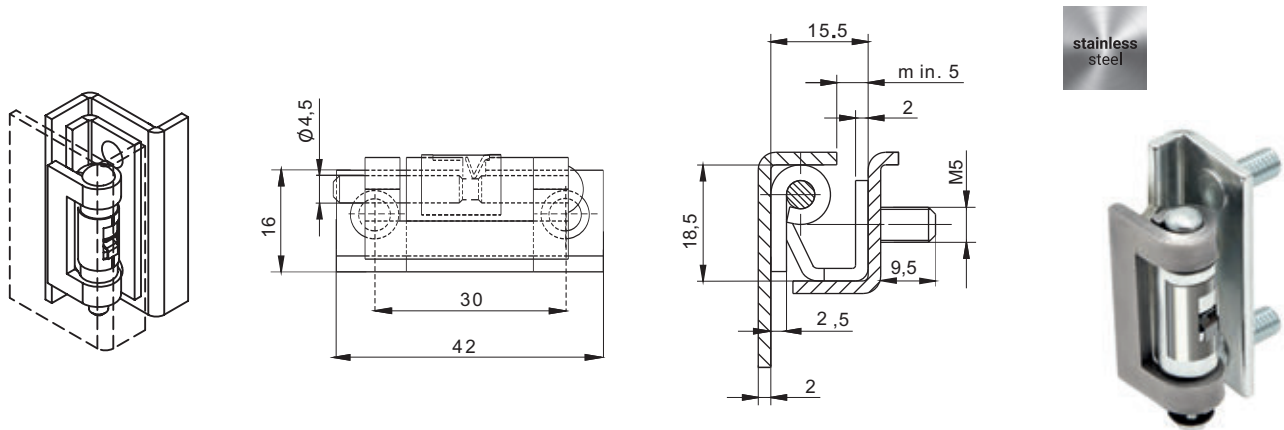


| CATALOGUE NUMBER             | COMPONENTS        | MATERIAL          |
|------------------------------|-------------------|-------------------|
| 3.ST13.001                   | Base, Pin         | Steel zinc plated |
| 3.ST13.002                   | Holder            | Steel             |
| 3.ST13.001SN<br>3.ST13.002SN | Holder, Base, Pin | Stainless steel   |

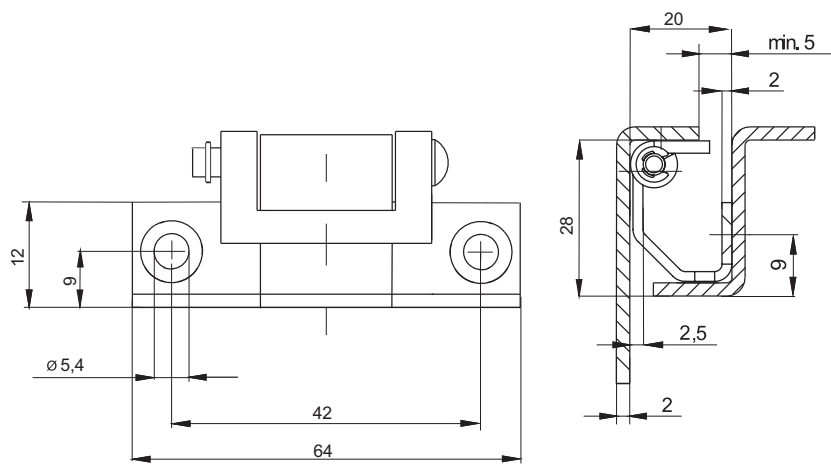




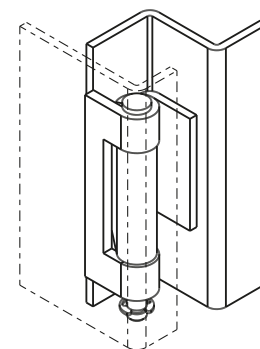
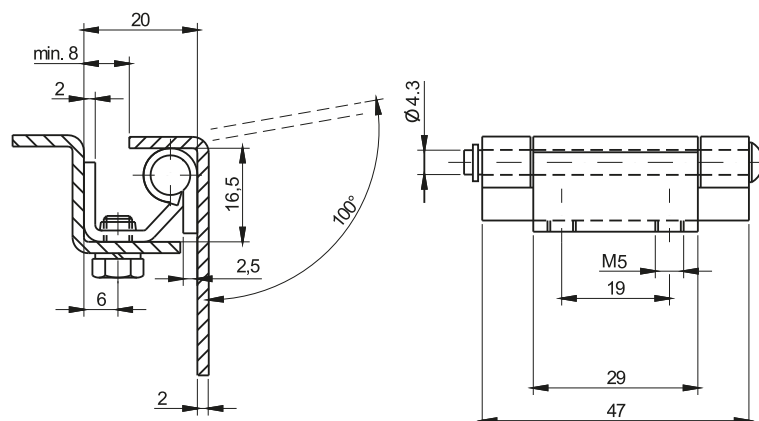
| CATALOGUE NUMBER | COMPONENTS        | MATERIAL          |
|------------------|-------------------|-------------------|
| 3.ST16.001       | Base, Pin         | Steel zinc plated |
|                  | Holder            | Steel             |
| 3.ST16.001SN     | Holder, Base, Pin | Stainless steel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



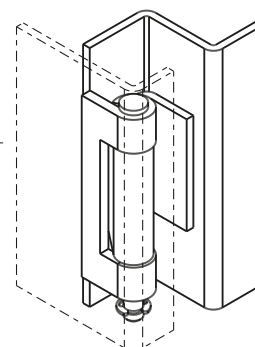
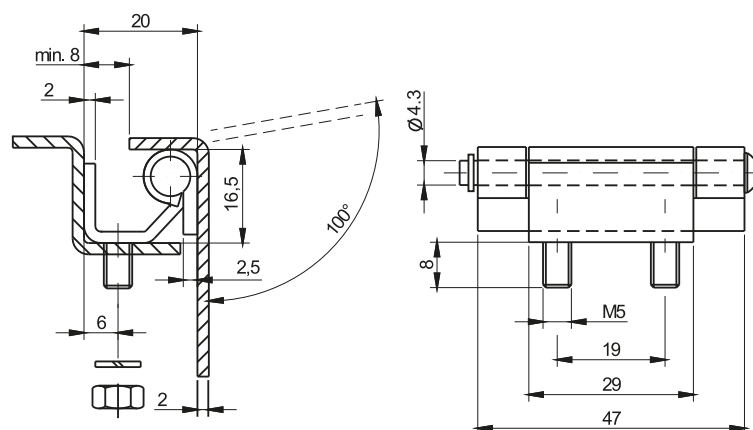
| CATALOGUE NUMBER | COMPONENTS | MATERIAL          |
|------------------|------------|-------------------|
| 3.ST16.004       | Holder     | Steel             |
|                  | Base, Pin  | Steel zinc plated |
|                  | Spring     | Stainless steel   |



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



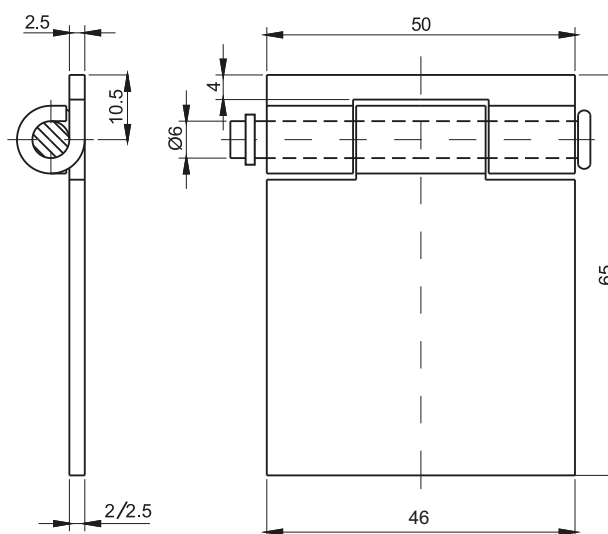
| CATALOGUE NUMBER | COMPONENTS        | MATERIAL          |
|------------------|-------------------|-------------------|
| 3.ST5.001        | Base, Pin         | Steel zinc plated |
|                  | Holder            | Steel             |
| 3.ST5.001SN      | Holder, Base, Pin | Stainless steel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



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

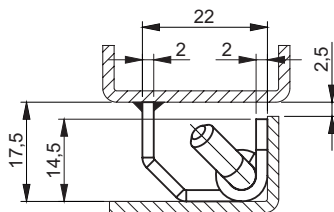
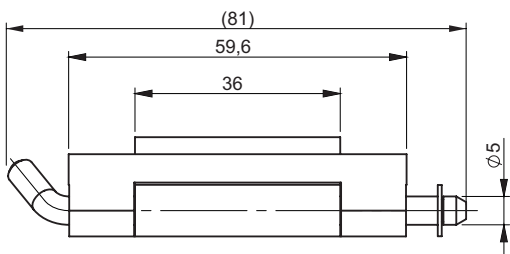


| Thickness [mm] | X  |
|----------------|----|
| 1,5            | 01 |
| 2              | 02 |
| 2,5            | 03 |

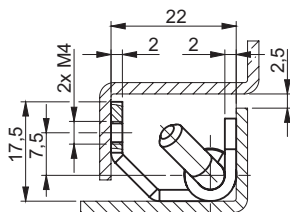
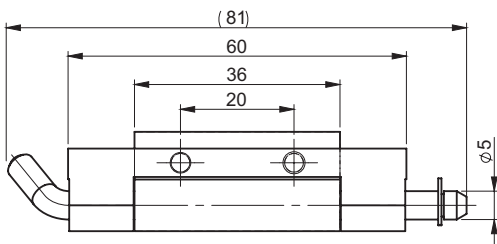


| CATALOGUE NUMBER | COMPONENTS        | MATERIAL          |
|------------------|-------------------|-------------------|
| 3.ST6.001.X      | Holder, Base      | Steel             |
|                  | Pin               | Steel zinc plated |
| 3.ST6.001SN.X    | Holder, Base, Pin | Stainless steel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

stainless  
steel

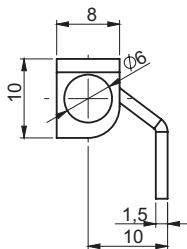
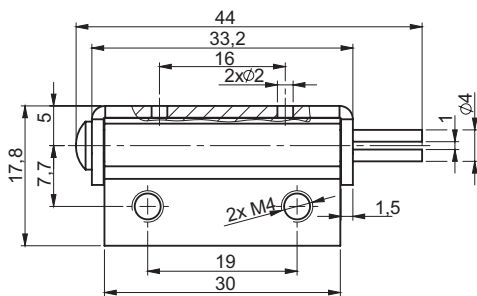


| CATALOGUE NUMBER | COMPONENTS        | MATERIAL        |
|------------------|-------------------|-----------------|
| 3.ST43.001       | Holder            | Steel           |
|                  | Pin, Base         | Steel           |
| 3.ST43.001SN     | Holder, Base, Pin | Stainless steel |

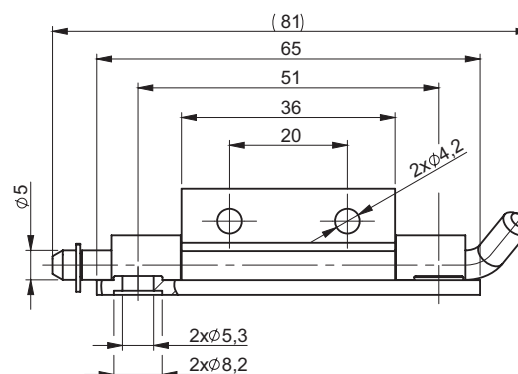
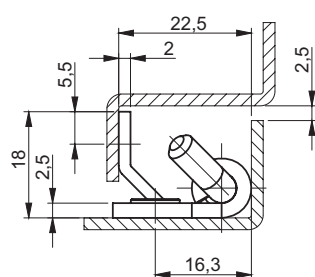


| CATALOGUE NUMBER | COMPONENTS        | MATERIAL          |
|------------------|-------------------|-------------------|
| 3.ST43.002       | Holder            | Steel             |
|                  | Pin, Base         | Steel zinc plated |
| 3.ST43.002SN     | Holder, Base, Pin | Stainless steel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

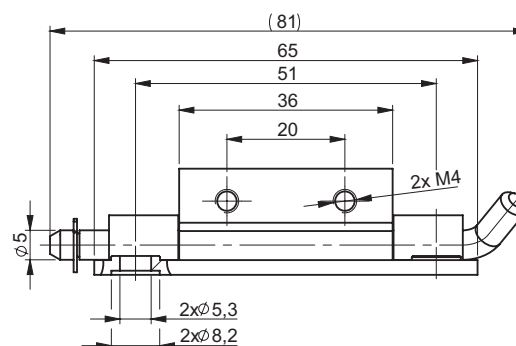
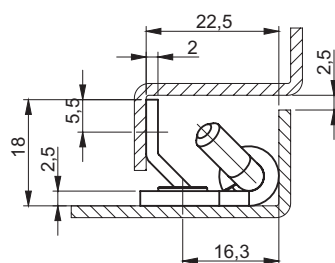
stainless  
steel



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

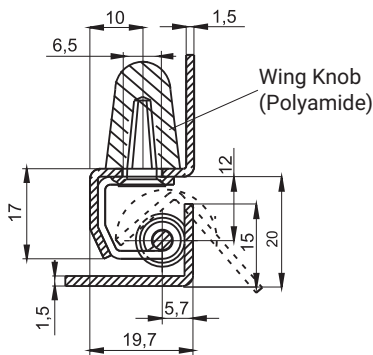
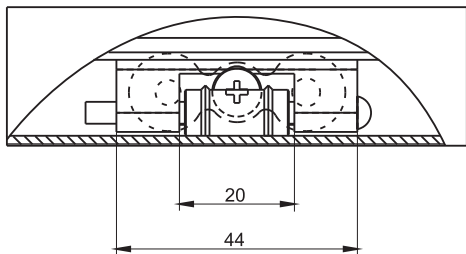
stainless  
steel

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

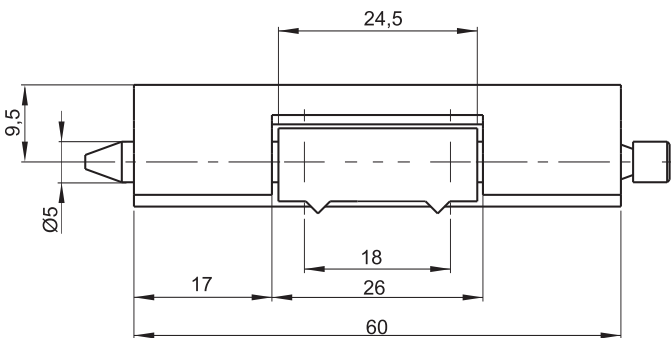
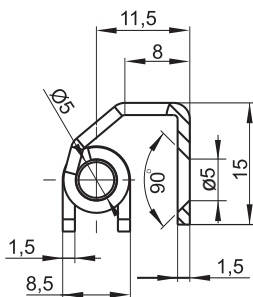
stainless  
steel

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

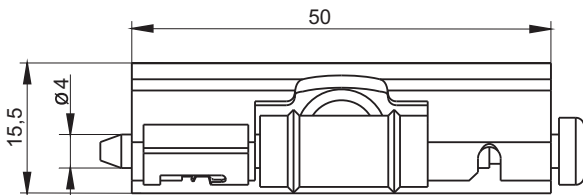
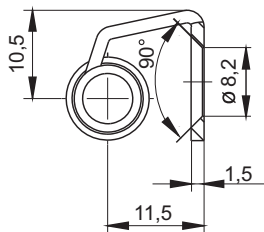
\* - possibility to order the hinge version without cover



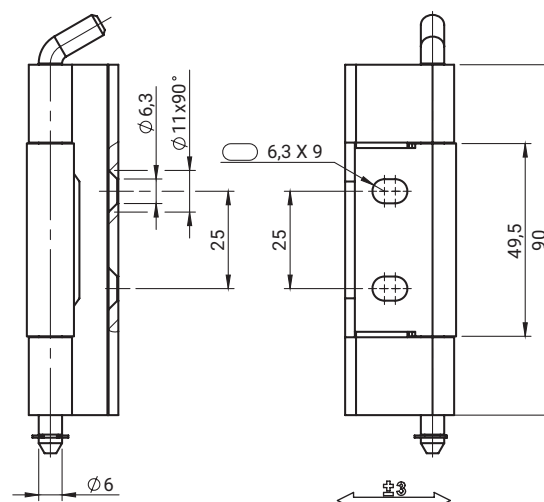
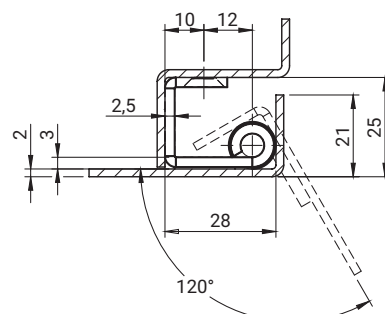
| CATALOGUE NUMBER | COMPONENTS        | MATERIAL          |
|------------------|-------------------|-------------------|
| 3.ST32.001       | Base, Pin         | Steel zinc plated |
|                  | Holder            | Steel             |
| 3.ST32.001SN     | Holder, Base, Pin | Stainless steel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



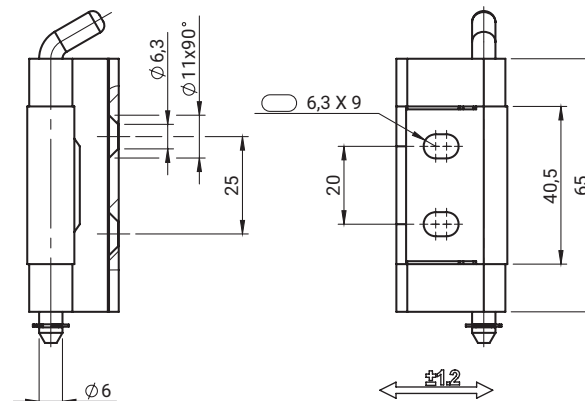
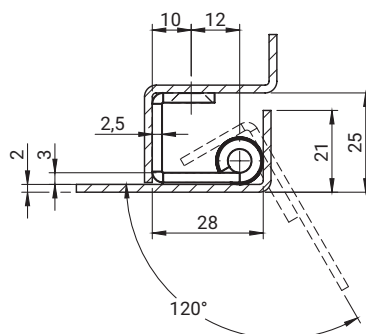
| CATALOGUE NUMBER | COMPONENTS        | MATERIAL          |
|------------------|-------------------|-------------------|
| 3.ST32.003       | Base, Pin         | Steel zinc plated |
|                  | Holder            | Steel             |
| 3.ST32.003SN     | Holder, Base, Pin | Stainless steel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



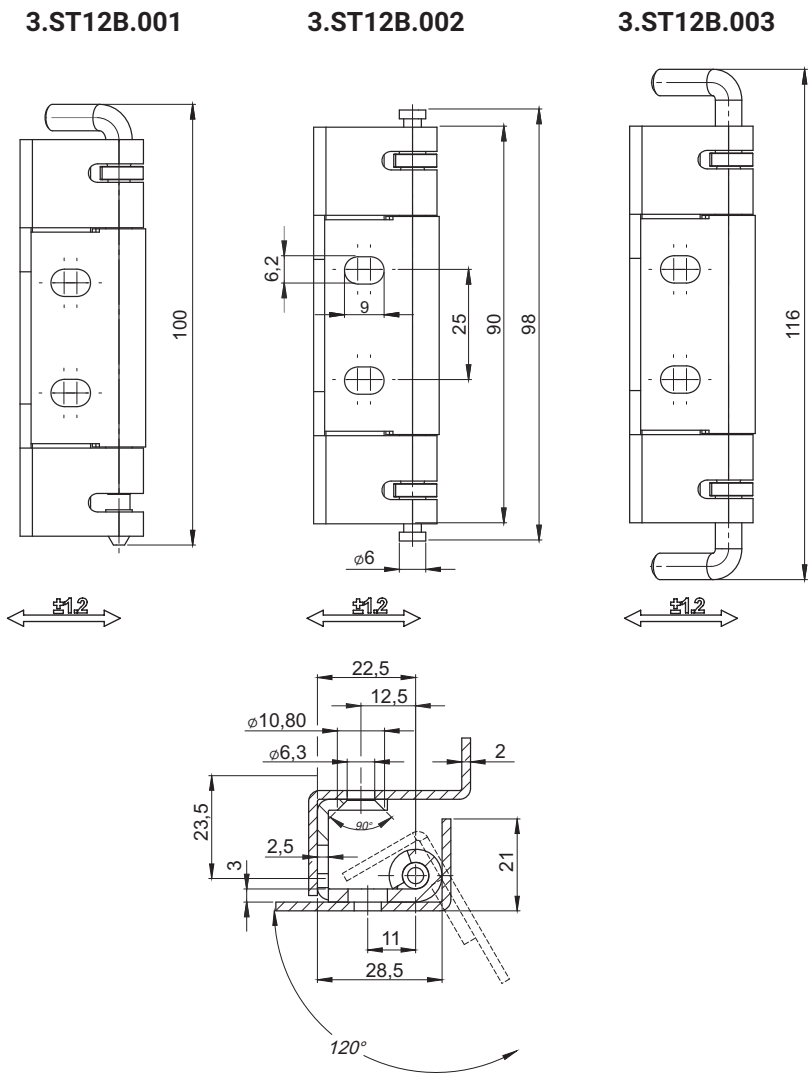
| CATALOGUE NUMBER | COMPONENTS | MATERIAL          |
|------------------|------------|-------------------|
| 3.ST32.005       | Base, Pin  | Steel zinc plated |
|                  | Holder     | Steel             |



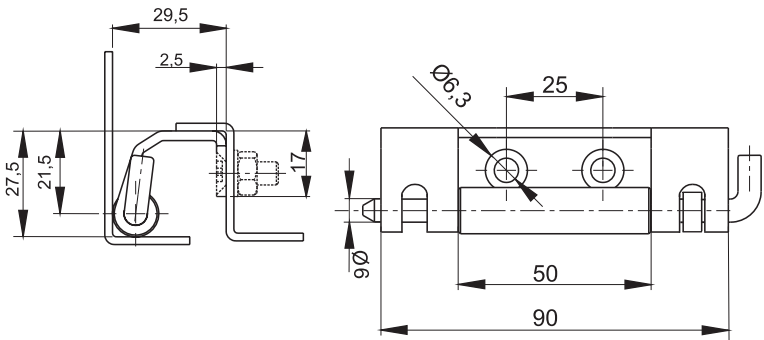
| CATALOGUE NUMBER | COMPONENTS        | MATERIAL          |
|------------------|-------------------|-------------------|
| 3.ST12.001       | Holder, Base, Pin | Steel zinc plated |
| 3.ST12.001SN     | Holder, Base, Pin | Stainless steel   |



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

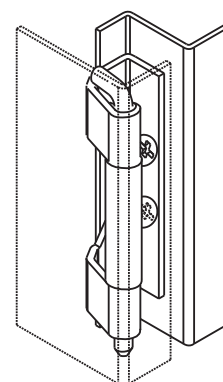
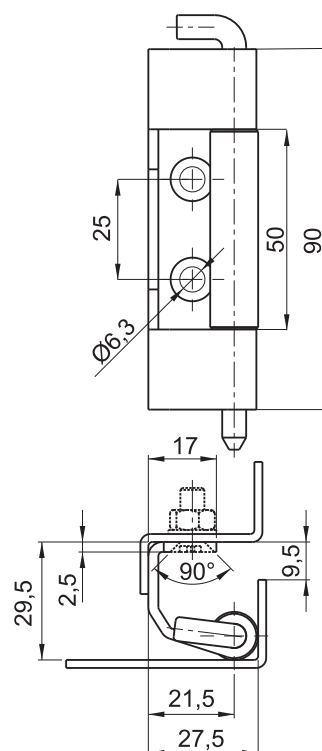


| CATALOGUE NO.                                   | COMPONENTS        | MATERIAL          |
|-------------------------------------------------|-------------------|-------------------|
| 3.ST12B.001<br>3.ST12B.002<br>3.ST12B.003       | Holder, Base, Pin | Steel zinc plated |
|                       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



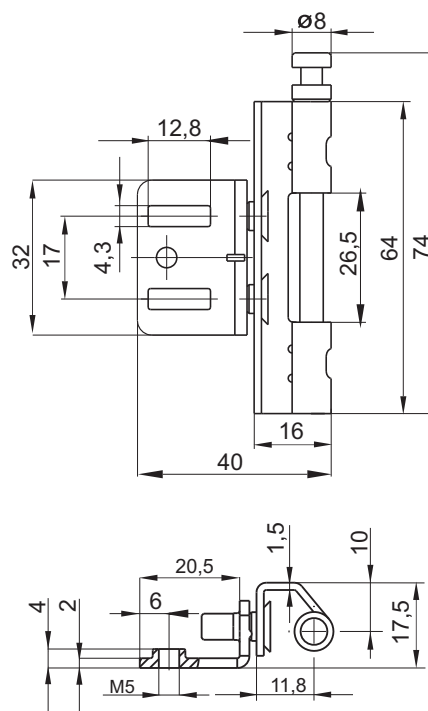
| CATALOGUE NUMBER | COMPONENTS        | MATERIAL          |
|------------------|-------------------|-------------------|
| 3.ST12-1B.001    | Holder, Base, Pin | Steel zinc plated |
|                  | Blocade           | POM               |
| 3.ST12-1B.001SN  | Holder, Base, Pin | Stainless steel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

stainless  
steel



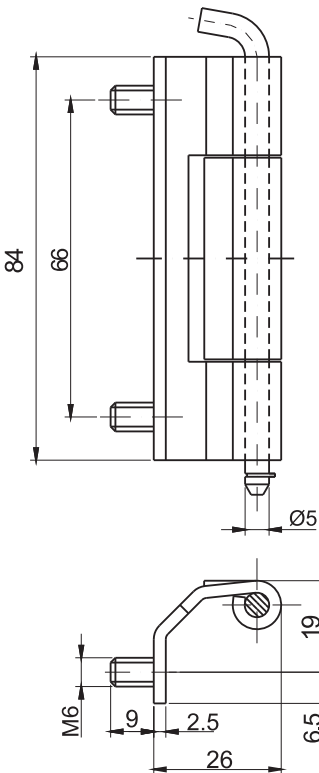
| CATALOGUE NUMBER | COMPONENTS        | MATERIAL          |
|------------------|-------------------|-------------------|
| 3.ST12-1.001     | Base, Pin         | Steel zinc plated |
|                  | Holder            | Steel             |
| 3.ST12-1.001SN   | Holder, Base, Pin | Stainless steel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

stainless  
steel

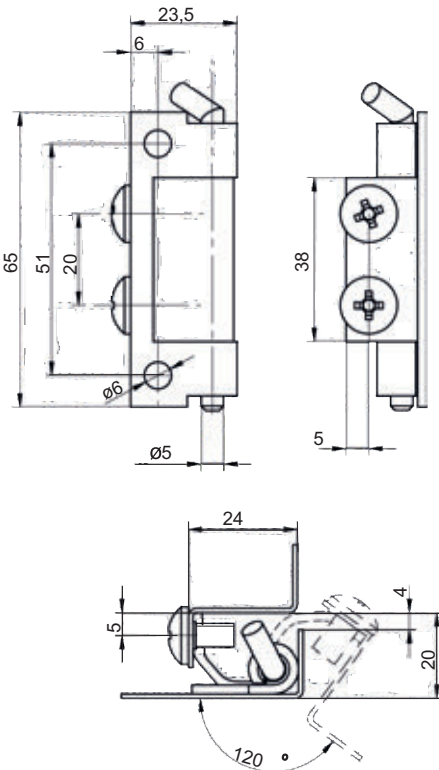


| CATALOGUE NUMBER | COMPONENTS        | MATERIAL          |
|------------------|-------------------|-------------------|
| 3.ST76.001       | Holder, Base, Pin | Steel zinc plated |
| 3.ST76.001SN     | Holder, Base, Pin | Stainless steel   |

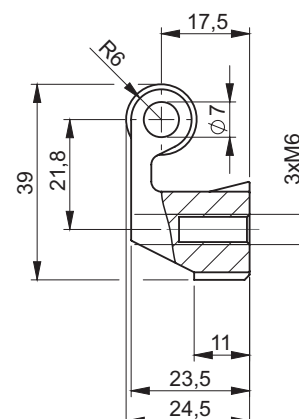
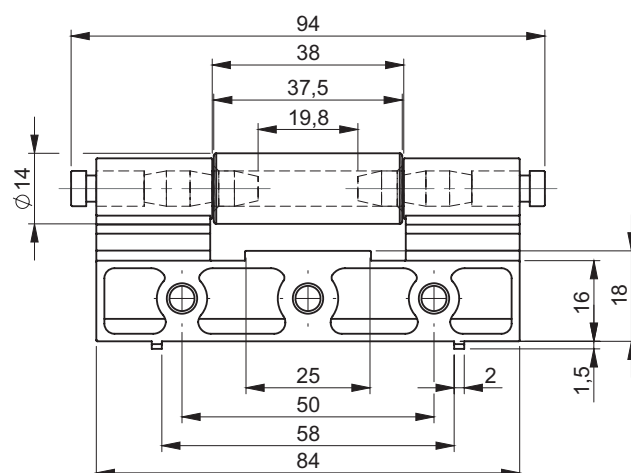




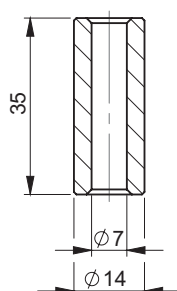
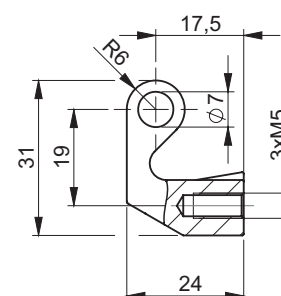
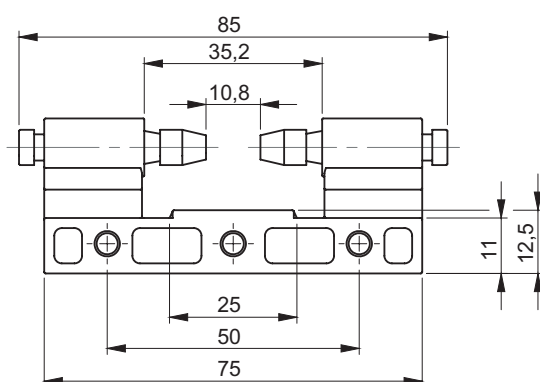
| CATALOGUE NUMBER | COMPONENTS        | MATERIAL          |
|------------------|-------------------|-------------------|
| 3.ST19-2.001     | Base, Pin         | Steel zinc plated |
|                  | Holder            | Steel             |
| 3.ST19-2.001SN   | Holder, Base, Pin | Stainless steel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



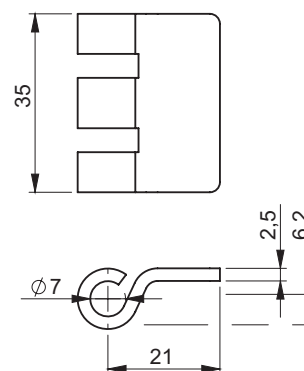
| CATALOGUE NUMBER | COMPONENTS        | MATERIAL          |
|------------------|-------------------|-------------------|
| 3.537.001        | Holder, Base, Pin | Steel zinc plated |
| 3.537.001SN      | Holder, Base, Pin | Stainless steel   |



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

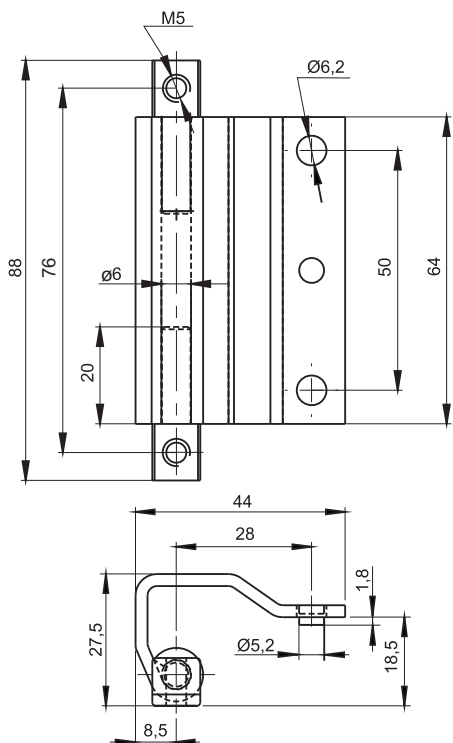


3.ST557.001



3.ST557.002

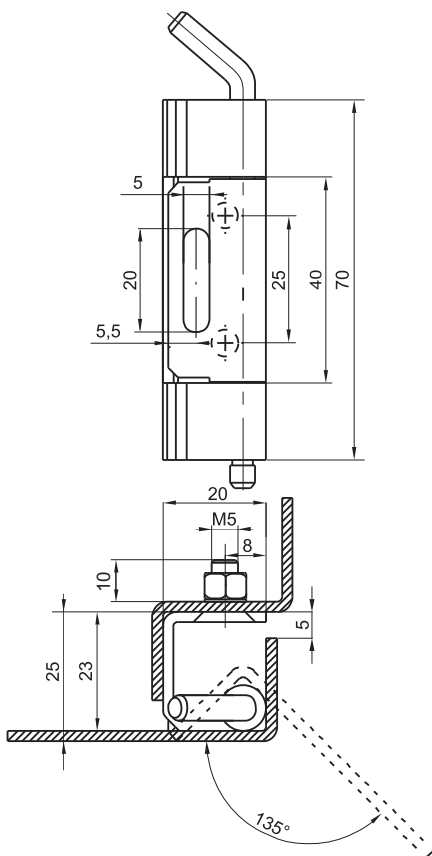
| CATALOGUE NUMBER | DETAIL                  | COMPONENTS  | MATERIAL          | FINISH [C] |
|------------------|-------------------------|-------------|-------------------|------------|
|                  |                         |             |                   | RAL 9005   |
| 3.ST557.001     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



stainless  
steel



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



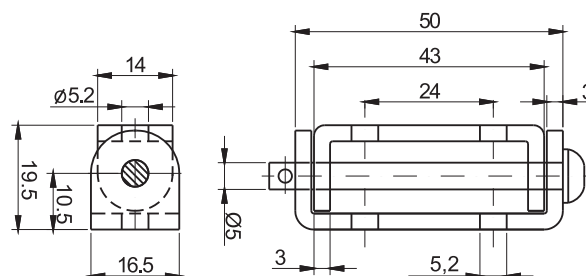
stainless  
steel



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



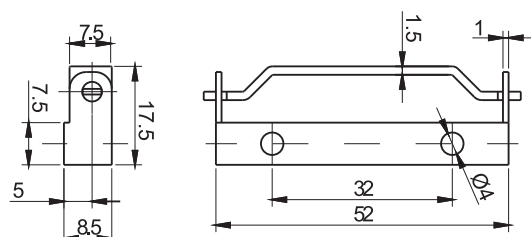
stainless steel



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



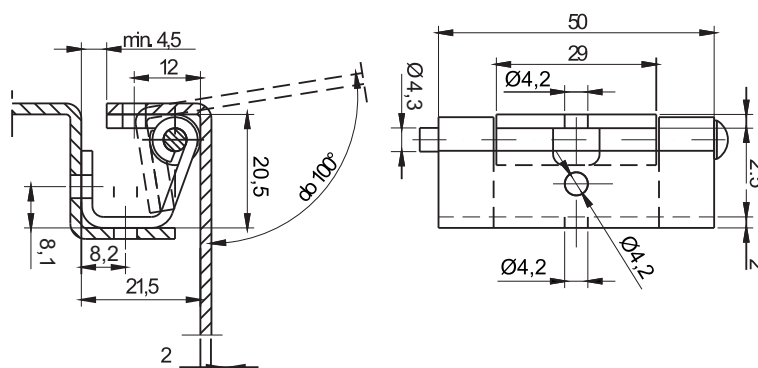
stainless steel



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



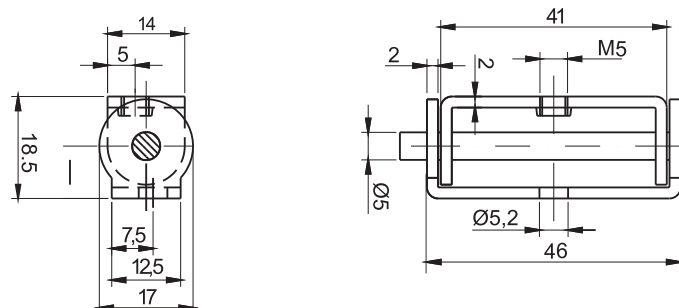
stainless steel



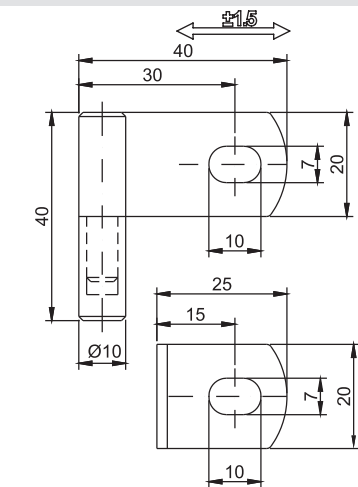
| CATALOGUE NUMBER | COMPONENTS        | MATERIAL          |
|------------------|-------------------|-------------------|
| 3.ST14.001       | Holder, Base, Pin | Steel zinc plated |
| 3.ST14.001SN     | Holder, Base, Pin | Sainless steel    |



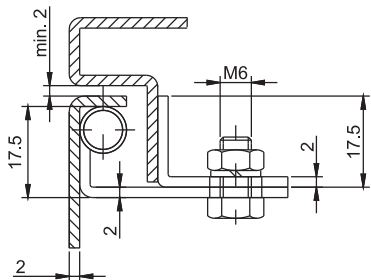
stainless steel



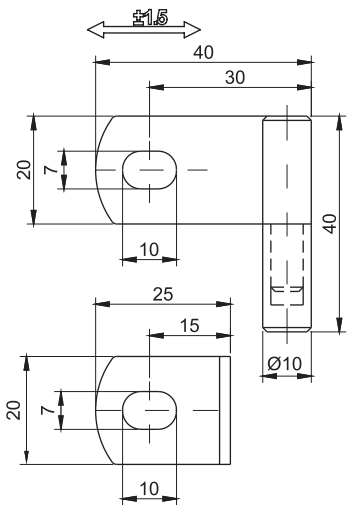
| CATALOGUE NUMBER | COMPONENTS        | MATERIAL          |
|------------------|-------------------|-------------------|
| 3.ST15.001       | Holder, Base, Pin | Steel zinc plated |
| 3.ST15.001SN     | Holder, Base, Pin | Sainless steel    |



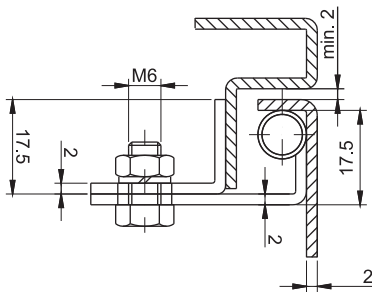
LEFT VERSION



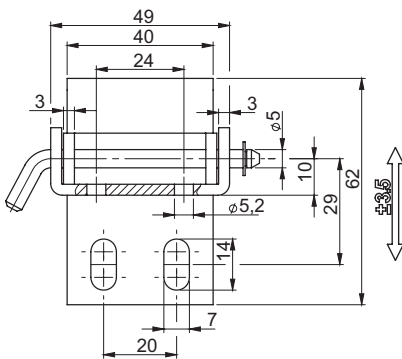
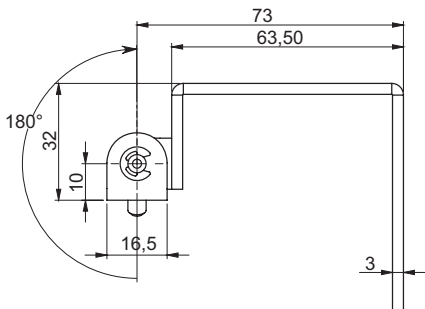
| CATALOGUE NUMBER | COMPONENTS            | MATERIAL          |
|------------------|-----------------------|-------------------|
| 3.ST8.001        | Fixed holder (screws) | Steel zinc plated |
|                  | Welded base           | Steel             |
| 3.ST8.001SN      | Holder, Base       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



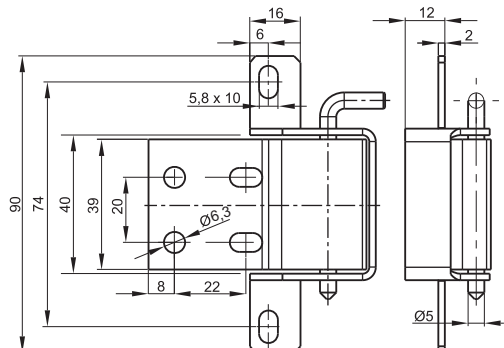
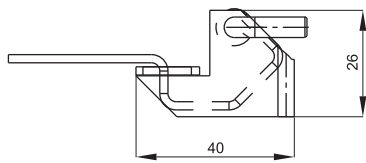
RIGHT VERSION



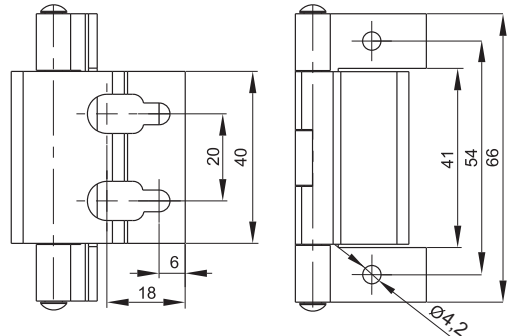
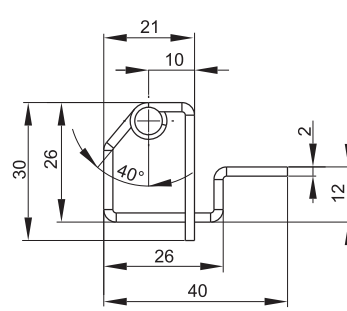
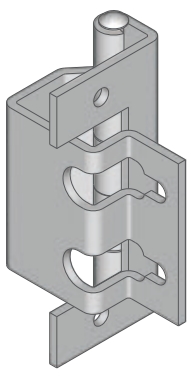
| CATALOGUE NUMBER | COMPONENTS            | MATERIAL          |
|------------------|-----------------------|-------------------|
| 3.ST8.002        | Fixed holder (screws) | Steel zinc plated |
|                  | Welded base           | Steel             |
| 3.ST8.002SN      | Holder, Base       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



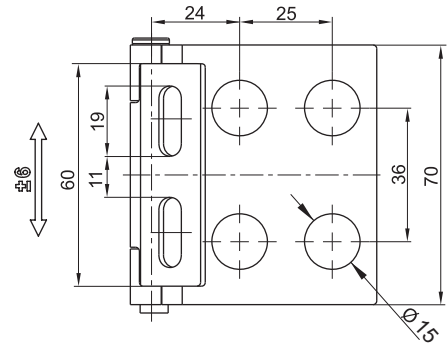
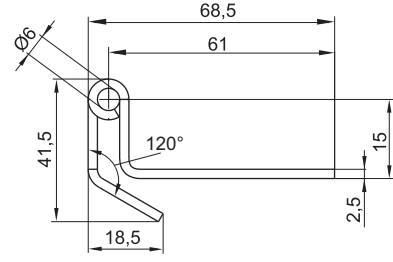
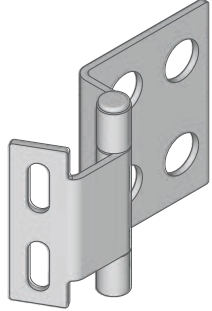
| CATALOGUE NUMBER | COMPONENTS        | MATERIAL          |
|------------------|-------------------|-------------------|
| 3.ST9.001        | Holder, Base, Pin | Steel zinc plated |
| 3.ST9.001SN      | Holder, Base, Pin | Sainless steel    |



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

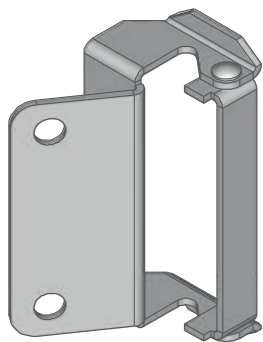
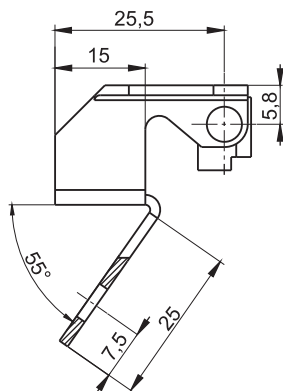
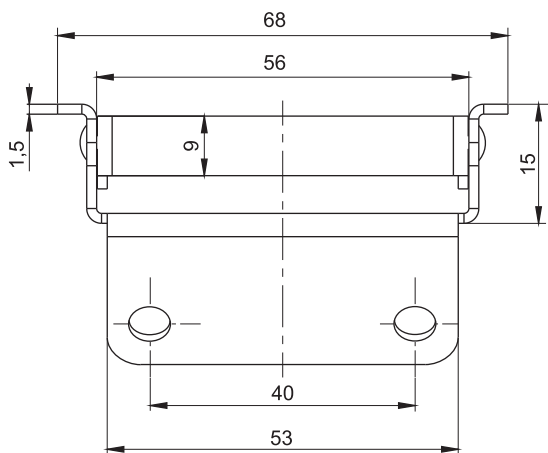


| CATALOGUE NUMBER | COMPONENTS        | MATERIAL          |
|------------------|-------------------|-------------------|
| 3.ST33.001       | Holder, Base, Pin | Steel zinc plated |
| 3.ST33.001SN     | Holder, Base, Pin | Sainless steel    |



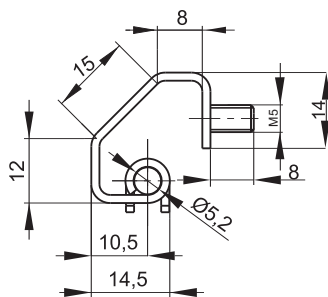
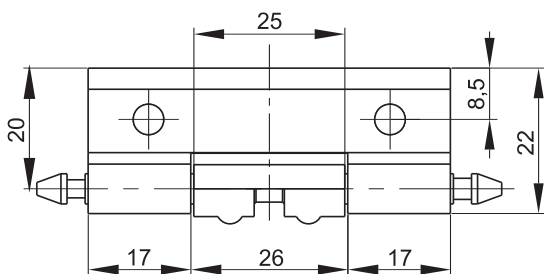
| CATALOGUE NUMBER | COMPONENTS        | MATERIAL          |
|------------------|-------------------|-------------------|
| 3.ST34.001       | Holder, Base, Pin | Steel zinc plated |
| 3.ST34.001SN     | Holder, Base, Pin | Stainless steel   |

stainless  
steel

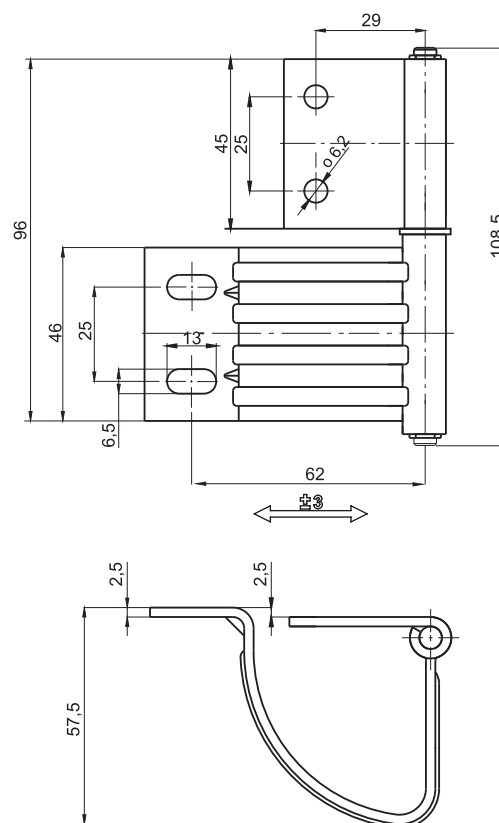


| CATALOGUE NUMBER | COMPONENTS        | MATERIAL          |
|------------------|-------------------|-------------------|
| 3.ST38.001       | Holder, Base, Pin | Steel zinc plated |
| 3.ST38.001SN     | Holder, Base, Pin | Stainless steel   |

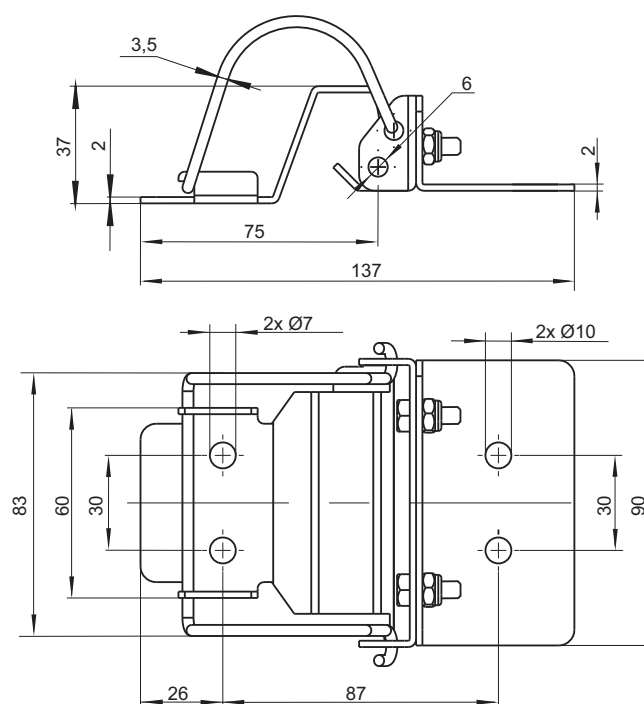
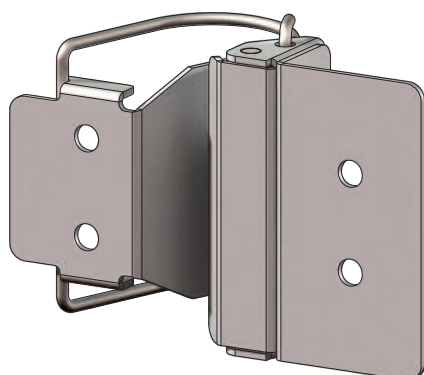
stainless  
steel



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

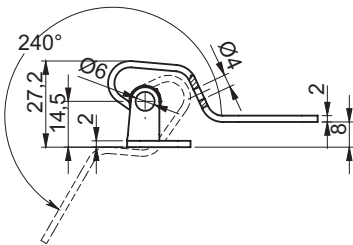


| CATALOGUE NUMBER | COMPONENTS        | MATERIAL          |
|------------------|-------------------|-------------------|
| 3.ST95.001       | Holder, Base, Pin | Steel zinc plated |
| 3.ST95.002SN     | Holder, Base, Pin | Stainless steel   |

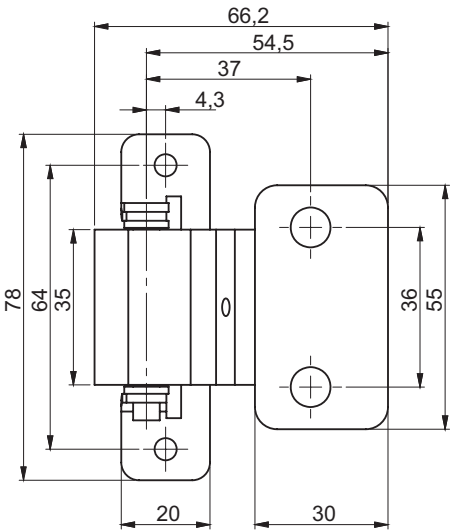


| CATALOGUE NUMBER | MATERIAL        |
|------------------|-----------------|
| 3.ST120.001SN    | Stainless steel |

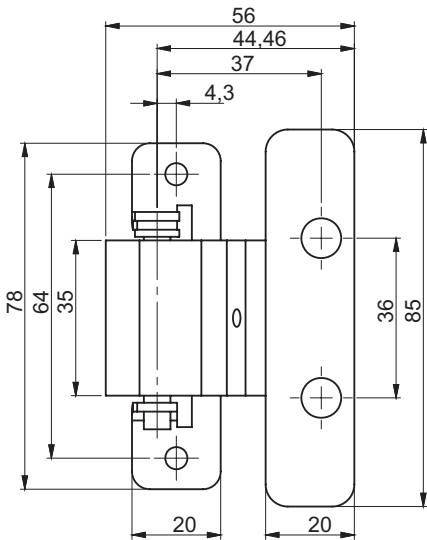




3.ST118.001



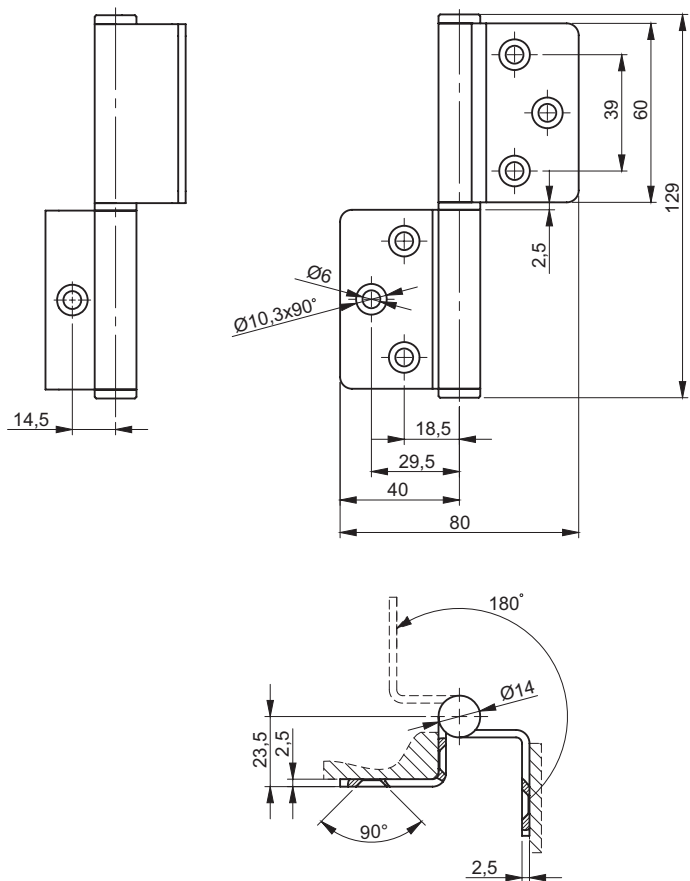
3.ST118.002



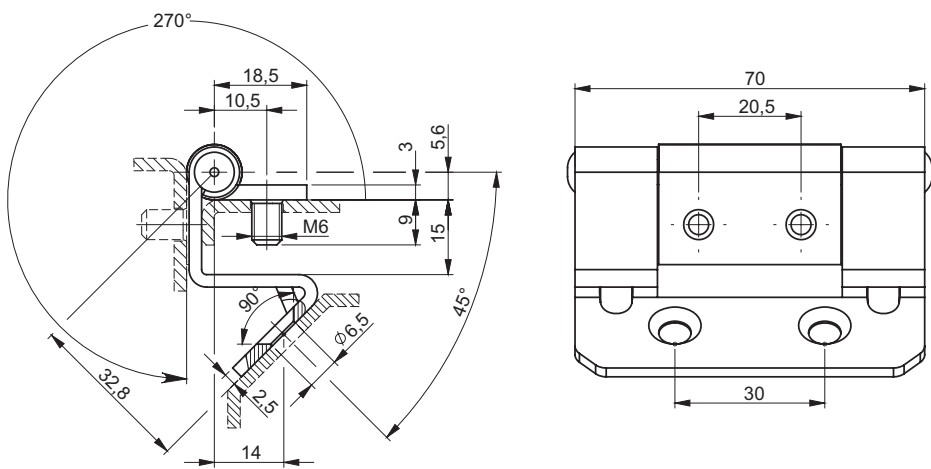
| CATALOGUE NUMBER | COMPONENTS        | MATERIAL          | FINISH [C] |
|------------------|-------------------|-------------------|------------|
|                  |                   |                   | RAL 9005   |
| 3.ST118.001      | Holder, Base,     | Steel zinc plated | 04         |
|                  | 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)

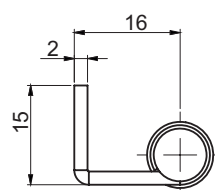
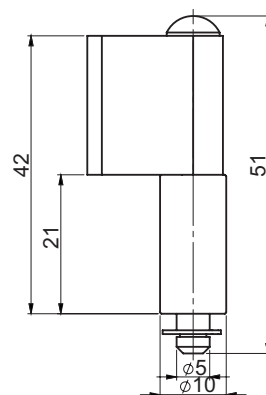
stainless  
steel



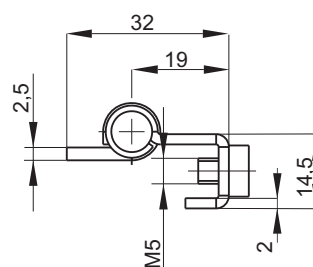
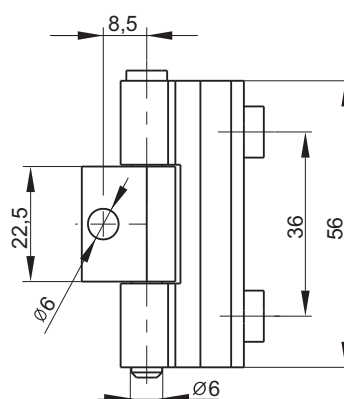
| CATALOGUE NUMBER | COMPONENTS        | MATERIAL          |
|------------------|-------------------|-------------------|
| 3.ST121.001      | Holder, Base, Pin | Steel zinc plated |
| 3.ST121.001SN    | Holder, Base, Pin | Stainless steel   |



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

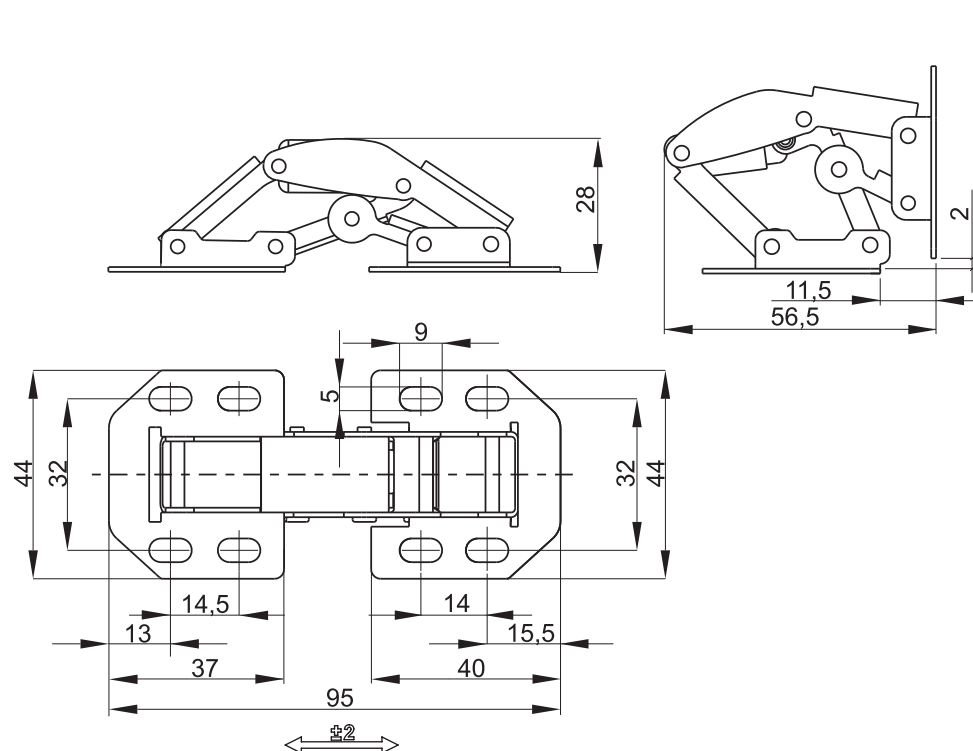


| CATALOGUE NUMBER | COMPONENTS   | MATERIAL          |
|------------------|--------------|-------------------|
| 3.ST105.001      | Holder, Base | Steel             |
|                  | Pin          | Steel zinc plated |

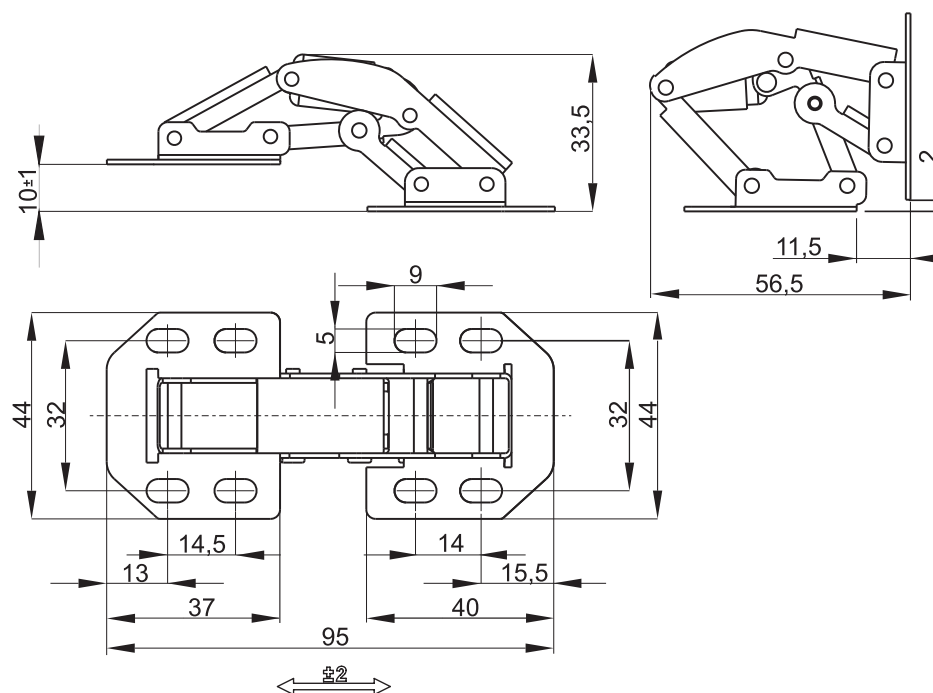


Two screws in the set DIN 7985 M5x6

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

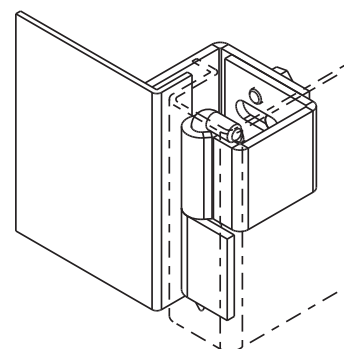
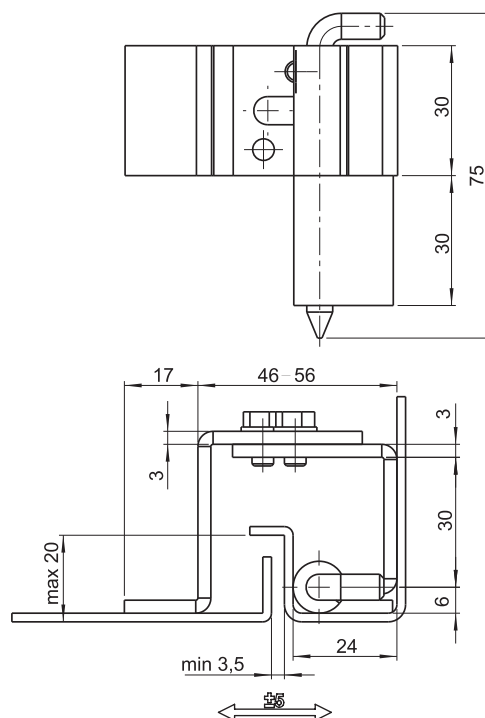


| CATALOGUE NUMBER | COMPONENTS       | MATERIAL          |
|------------------|------------------|-------------------|
| 3.ST100.001      | Base, Pin, Rivet | Steel zinc plated |
| 3.ST100.001SN    | Base, Pin, Rivet | Stainless steel   |

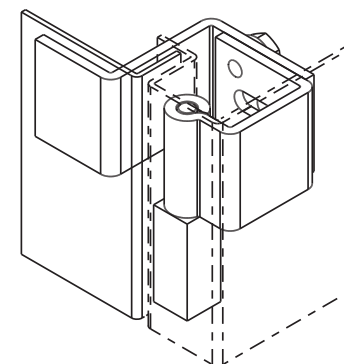
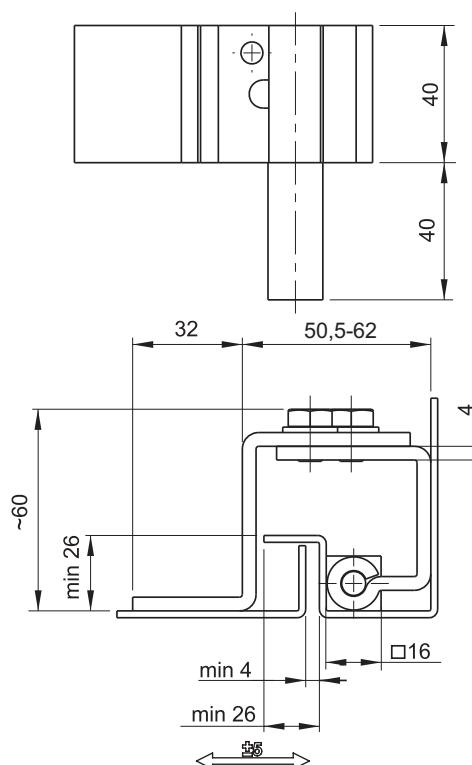


| CATALOGUE NUMBER | COMPONENTS       | MATERIAL          |
|------------------|------------------|-------------------|
| 3.ST100.002      | Base, Pin, Rivet | Steel zinc plated |
| 3.ST100.002SN    | Base, Pin, Rivet | Stainless steel   |

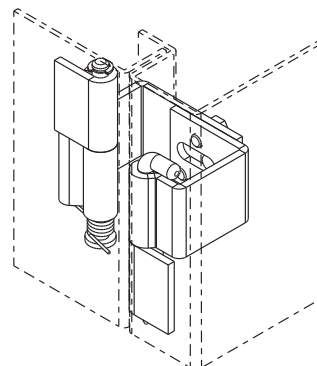
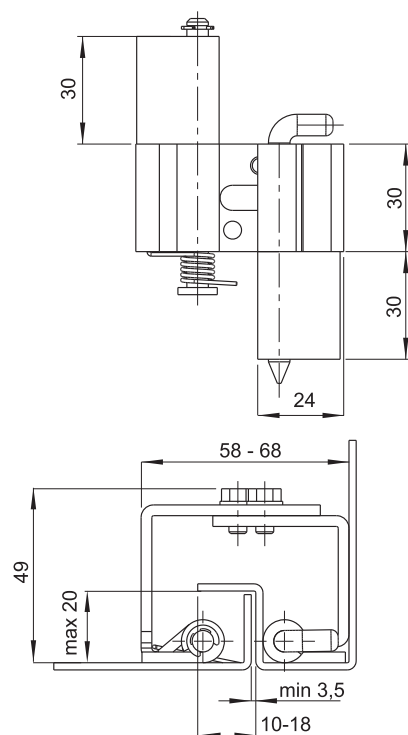




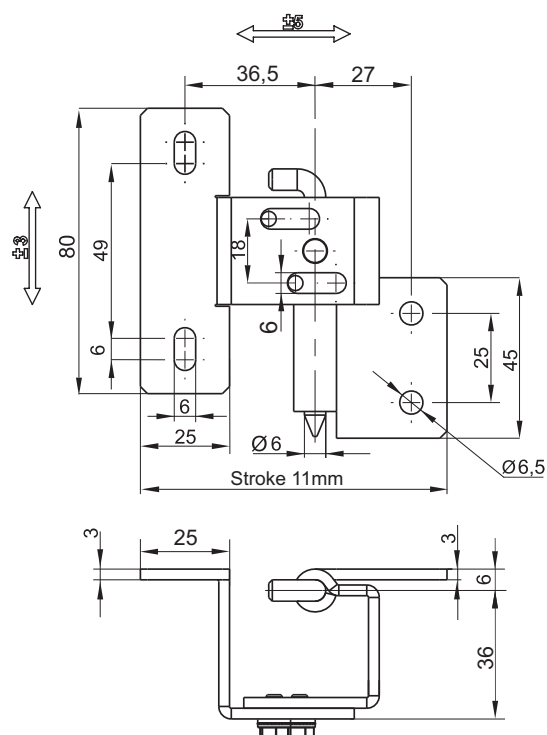
| CATALOGUE NUMBER | COMPONENTS        | MATERIAL          |
|------------------|-------------------|-------------------|
| 3.ST46.001       | Holder, Pin       | Steel zinc plated |
|                  | Base              | Steel             |
| 3.ST46.001SN     | Holder, Base, Pin | Stainless steel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



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



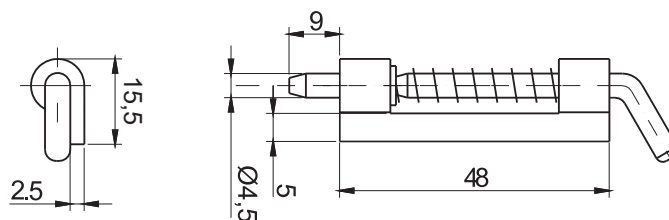
| CATALOGUE NUMBER | COMPONENTS        | MATERIAL          |
|------------------|-------------------|-------------------|
| 3.ST46-3.002     | Holder, Pin       | Steel zinc plated |
|                  | Base              | Steel zinc plated |
| 3.ST46-3.002SN   | Holder, Base, Pin | Stainless steel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



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



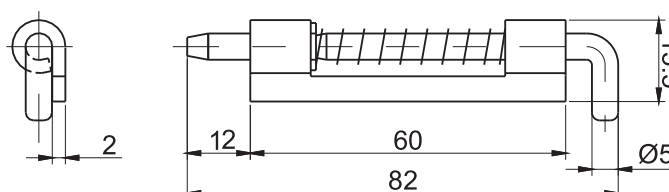
stainless steel



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



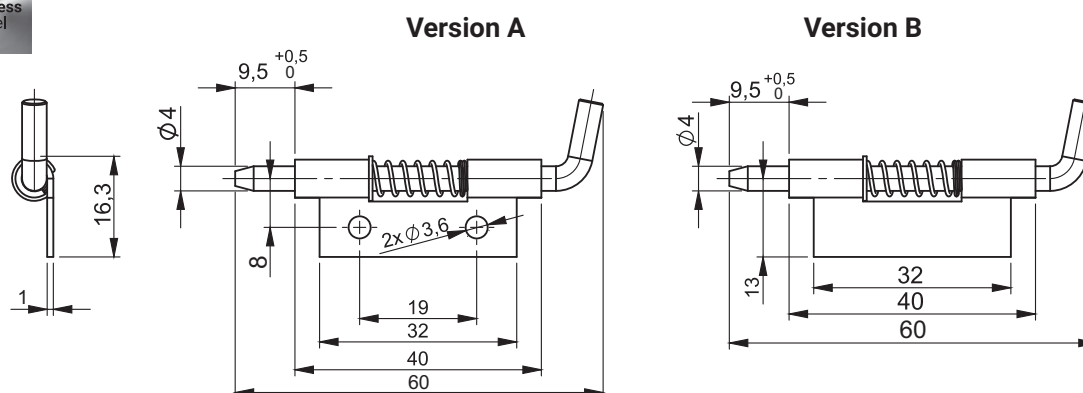
stainless steel



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



stainless steel

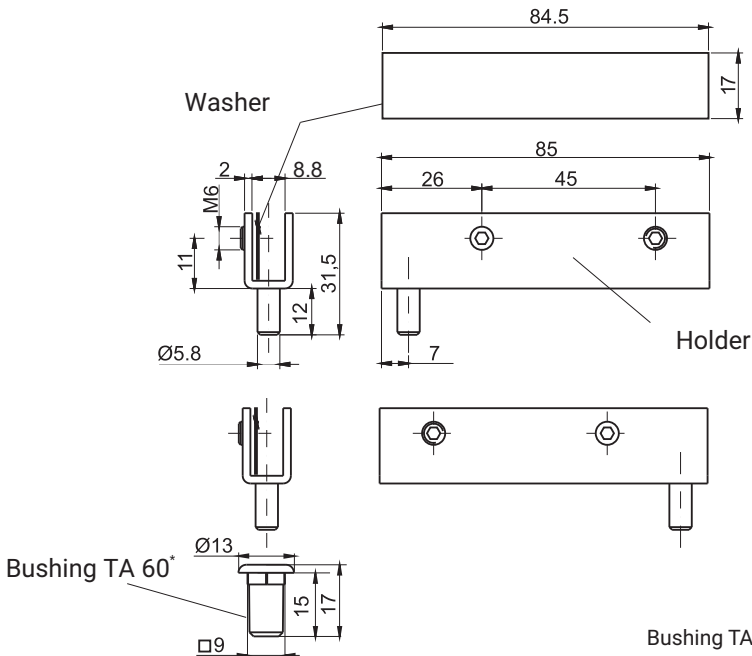


| CATALOGUE NUMBER | VERSION | COMPONENTS          | MATERIAL          |
|------------------|---------|---------------------|-------------------|
| 3.ST20.003       | A       | Holder, Pin, Spring | Steel zinc plated |
|                  |         | Spring              | Stainless steel   |
| 3.ST20.003SN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

How to order:

 Catalogue number  
 Version

3.ST20.003 — A

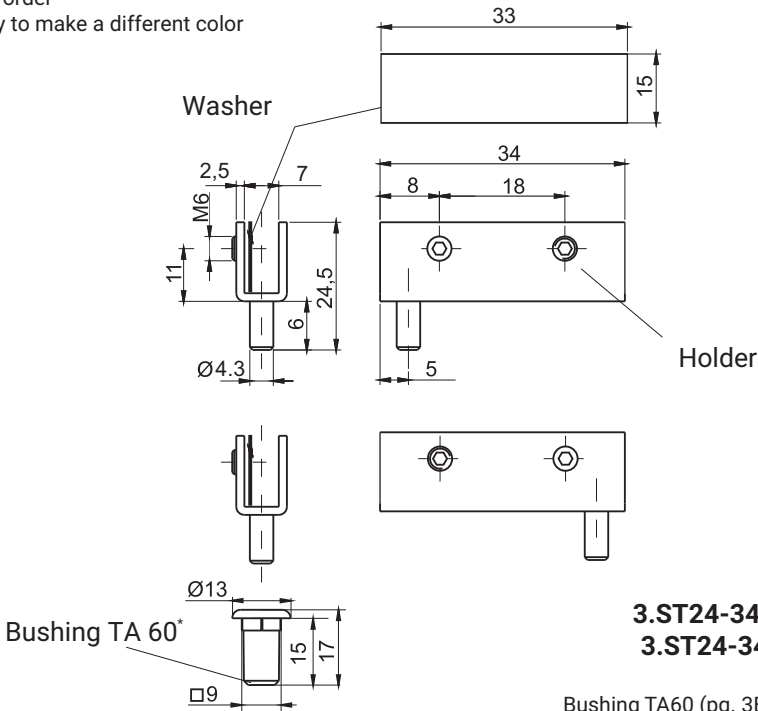


3.ST24.001 - right version  
3.ST24.002 - left version

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

| 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 | 04         | 05      |
|                  | 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-323) ordered seperately.

| 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 | 04         | 05      |
|                  | Washer     | Brass             |            |         |

\* to special order, \*\* possibility to make a diffrent color

How to order:

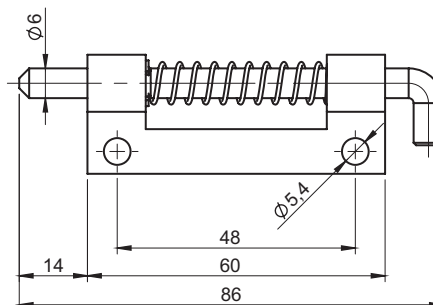
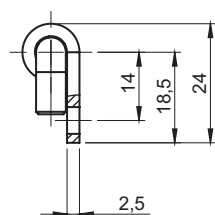
Catalogue number  —

Finish





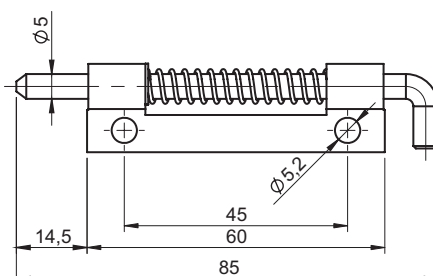
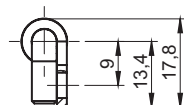
stainless  
steel



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



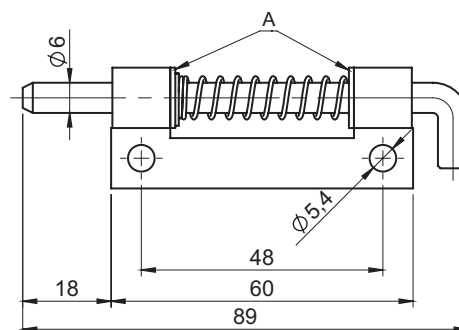
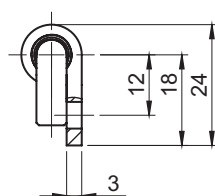
stainless  
steel



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

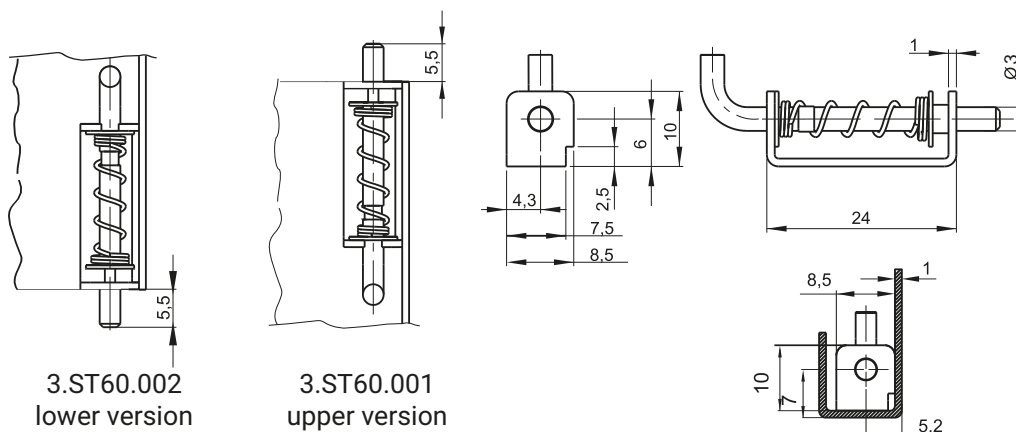


stainless  
steel

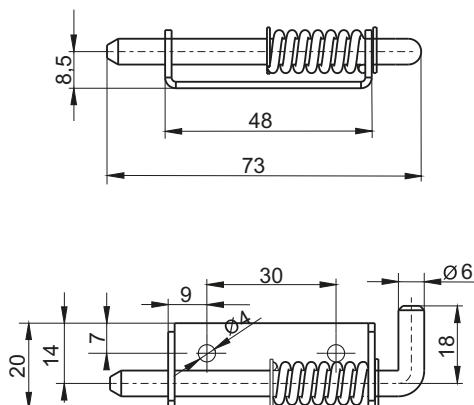


A - slide bushings made of plastics

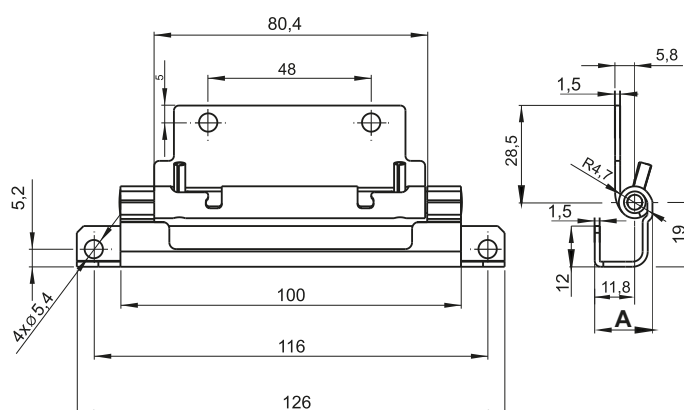
| CATALOGUE NUMBER | COMPONENTS         | MATERIAL          |
|------------------|--------------------|-------------------|
| 3.ST20.010       | Holder, Pin        | Steel zinc plated |
|                  | Plain bearing bush | POM               |
| 3.ST20.010SN     | Holder, Pin        | Stainless steel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



| CATALOGUE NUMBER | COMPONENTS | MATERIAL          |
|------------------|------------|-------------------|
| 3.ST60.001       | Holder     | Steel             |
| 3.ST60.002       | Pin        | Steel zinc plated |

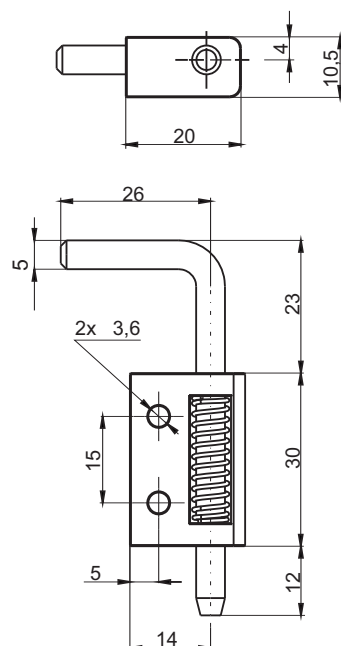


| CATALOGUE NUMBER | COMPONENTS  | MATERIAL          |
|------------------|-------------|-------------------|
| 3.ST60.003       | Holder, Pin | Steel zinc plated |
| 3.ST60.004       | Holder, Pin | Steel zinc plated |

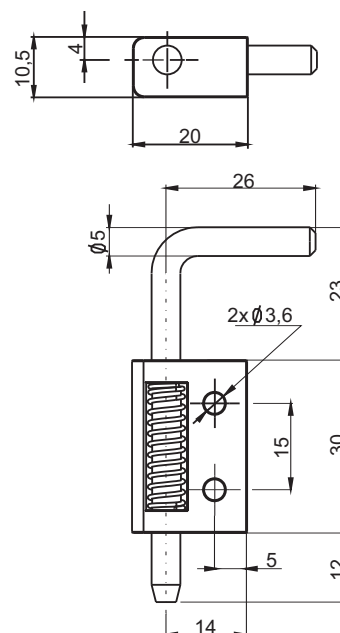


stainless steel

| CATALOGUE NUMBER | DIMENSIONS A [mm] | COMPONENTS        | MATERIAL          |
|------------------|-------------------|-------------------|-------------------|
| 3.ST65.001       | 17                | Holder, Base, Pin | Steel zinc plated |
| 3.ST65.002       | 20                |                   |                   |
| 3.ST65.003       | 23,4              |                   |                   |
| 3.ST65.001SN     | 17                | Holder, Base, Pin | Stainless steel   |
| 3.ST65.002SN     | 20                |                   |                   |
| 3.ST65.003SN     | 23,4              |                   |                   |

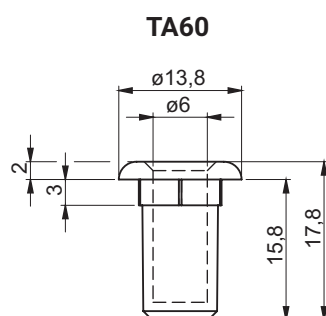


3.ST94.001

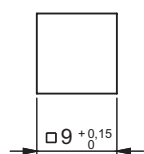


3.ST94.002

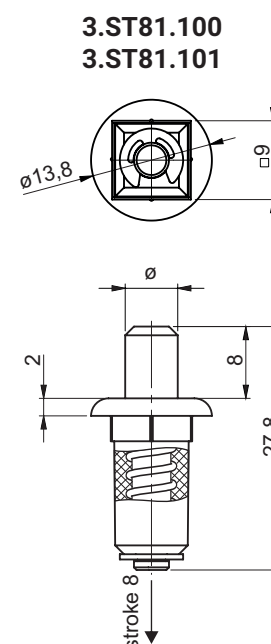
| CATALOGUE NUMBER | COMPONENTS | MATERIAL          | FINISH [C] |
|------------------|------------|-------------------|------------|
|                  |            |                   | RAL9005    |
| 3.ST94.001       | Holder     | Polyamide         | 07         |
| 3.ST94.002       | Pin        |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



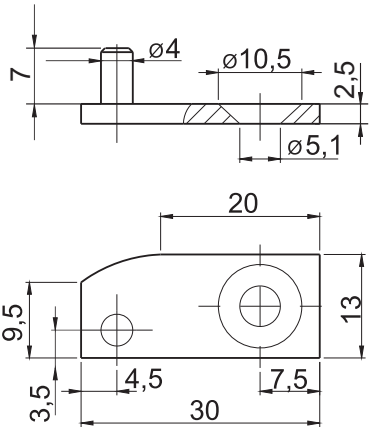
TA60



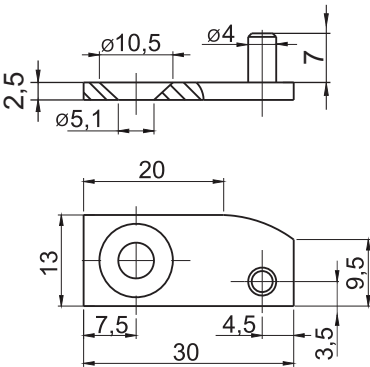
Mounting hole

3.ST81.100  
3.ST81.101

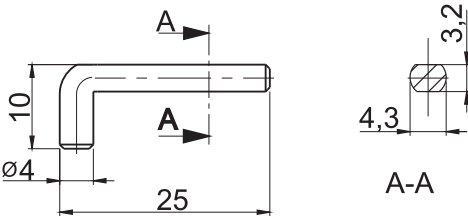
| CATALOGUE NUMBER | ø [mm] | COMPONENTS | MATERIAL          | FINISH [C] |
|------------------|--------|------------|-------------------|------------|
|                  |        |            |                   | RAL9005    |
| 3.ST81.100       | 6      | Housing    | Polyamide PA6     | 07       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



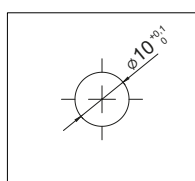
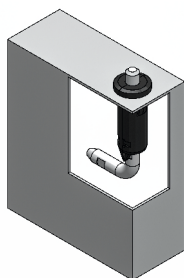
| CATALOGUE NUMBER | COMPONENTS | MATERIAL          |
|------------------|------------|-------------------|
| 3.ST67.001       | Holder     | Steel zinc plated |



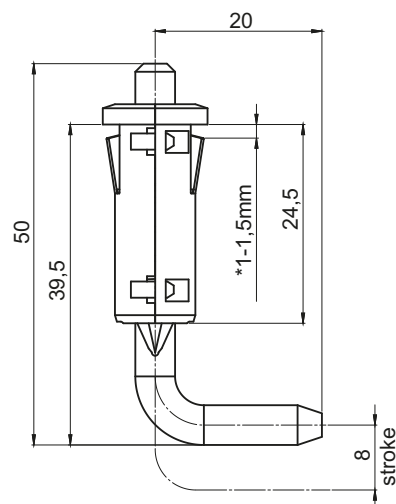
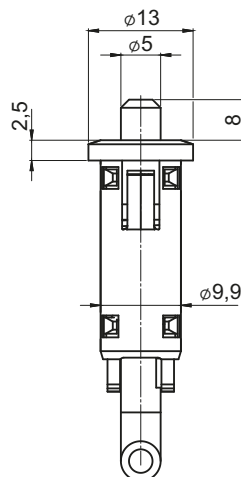
| CATALOGUE NUMBER | COMPONENTS | MATERIAL          |
|------------------|------------|-------------------|
| 3.ST67.002       | Holder     | Steel zinc plated |



| CATALOGUE NUMBER | COMPONENTS | MATERIAL |
|------------------|------------|----------|
| 3.ST67.001.03    | Pin        | Steel    |



Mounting hole

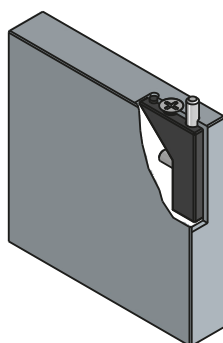


| CATALOGUE NO. | COMPONENTS | MATERIAL  | FINISH [C] |          |
|---------------|------------|-----------|------------|----------|
|               |            |           | RAL 9005   | RAL 9010 |
| 3.ST81.001    | Housing    | Polyamide | 07         | 11       |
|               | Pin        | ZAMAK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

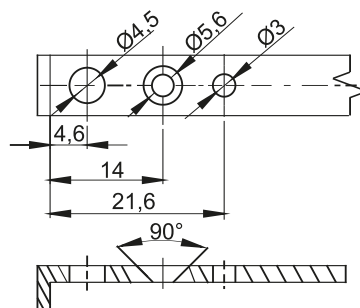
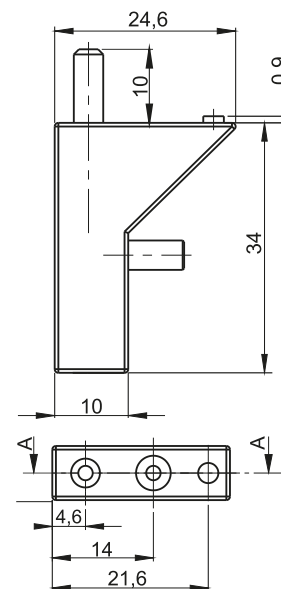
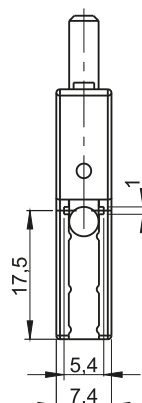
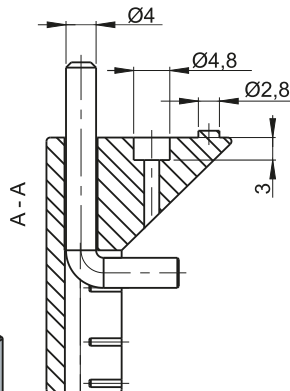
### How to order:

Catalogue number  
Finish

3.ST81.001 — C



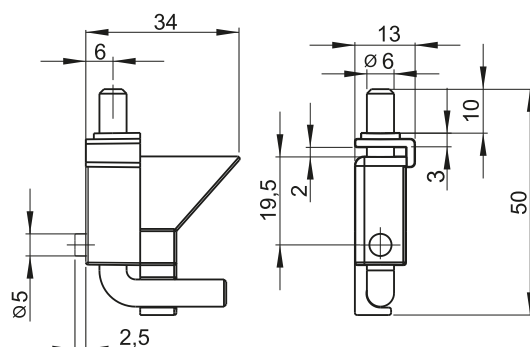
Screw acc. to  
DIN 7982 (Ø2,9x10)



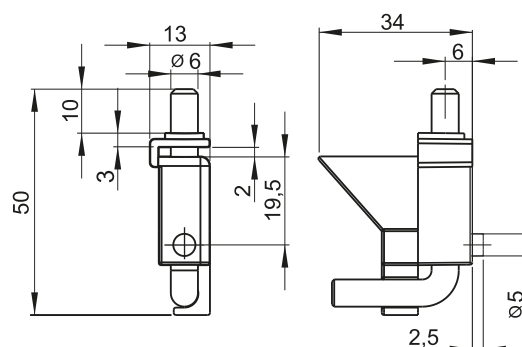
MOUNTING HOLE

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

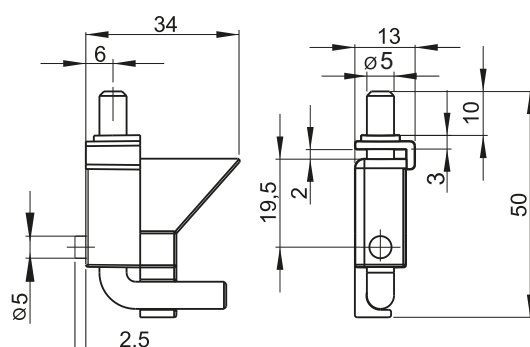
3.ST96.001



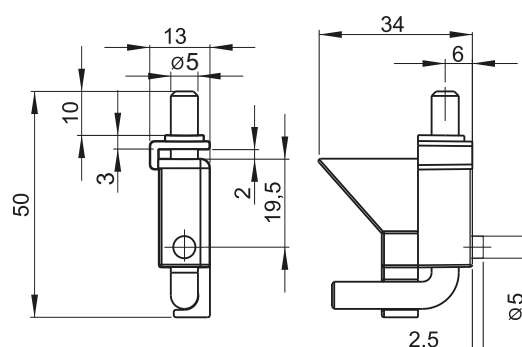
3.ST96.002



3.ST96.003

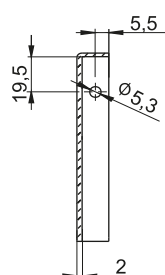


3.ST96.004

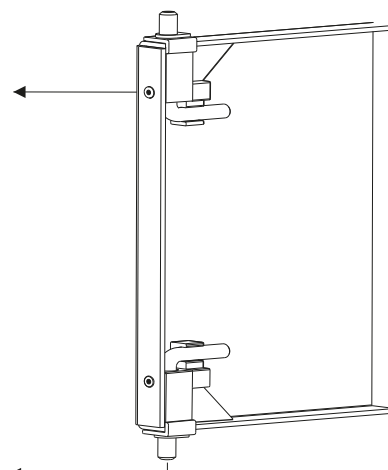
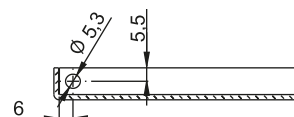
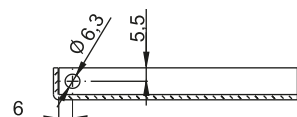
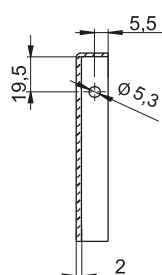


Mounting holes

3.ST96.001  
3.ST96.002



3.ST96.003  
3.ST96.004



| CATALOGUE NUMBER | COMPONENTS | MATERIAL          | FNISH [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 |           |         |

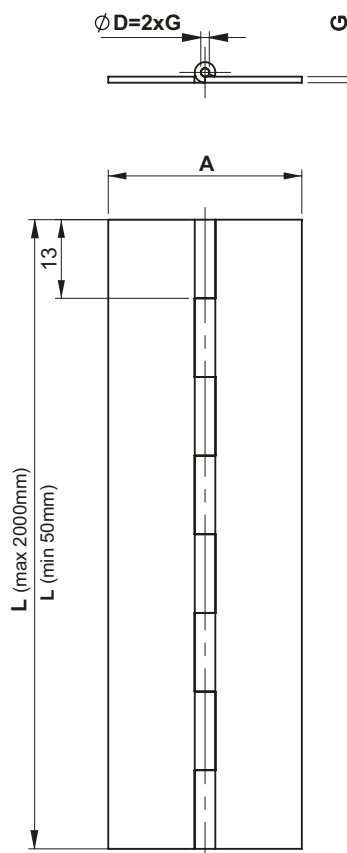
How to order:

Catalogue number

Finish

3.ST96.001 — C

stainless  
steel



### Standard insert diameter D for chosen thickness

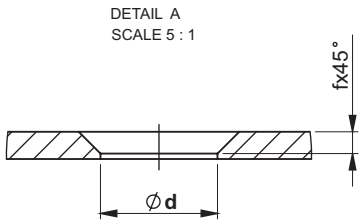
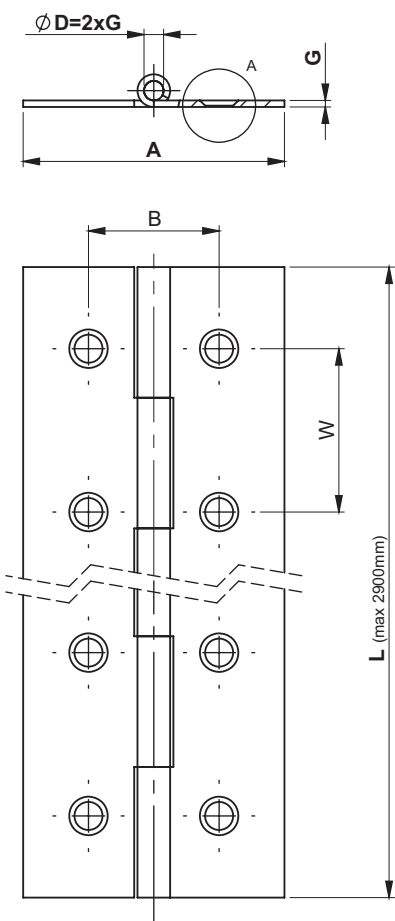
| Sheet metal thickness G | Insert diameter D |
|-------------------------|-------------------|
| 0,8                     | Ø2                |
| 1                       | Ø1,5 or Ø2        |
| 1,5                     | Ø3, Ø4            |
| 2                       | Ø4, Ø6            |
| 3                       | Ø6                |

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

### How to order:

Catalogue number  
Total length of the hinge  
Total width of the hinge  
Thickness of the hinge  
Insert diameter

3.ST26.001 - L - A - G - D



| 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:**

Catalogue number

Total length of the hinge

Total width of the hinge

Thickness of the hinge

Insert diameter (Dmin=2xG)

If mounting holes are required to make it should be stated:

Dimension

Spacing

Leap of holes

Phase dimension of a hole (if needed)

Other dimensions stated before production.

3.ST26.003 - L - A - G - D - d - B - W - F



stainless  
steel

3.ST50.001



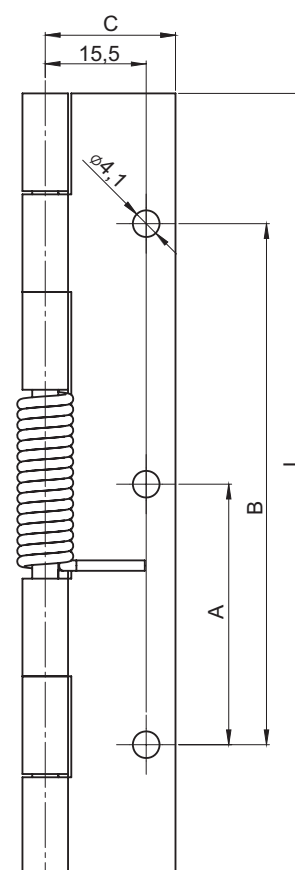
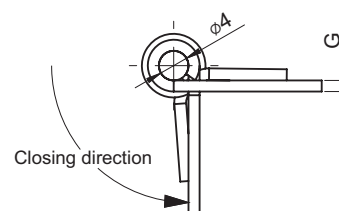
3.ST50.002



3.ST50.003

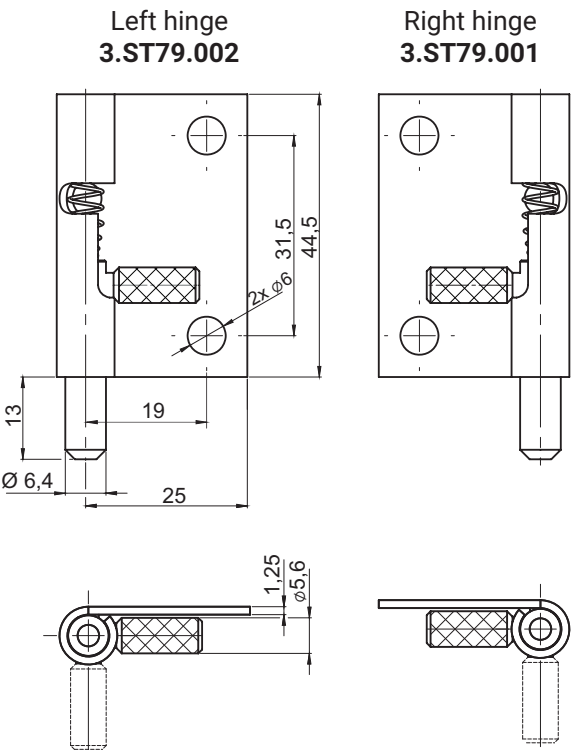


3.ST50.004

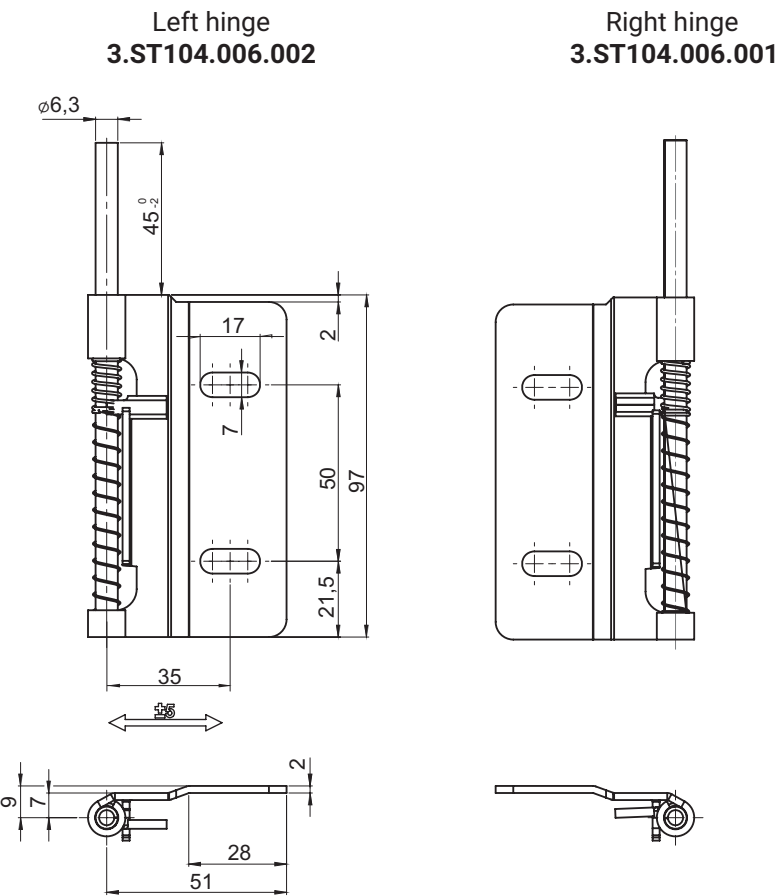


\*closing from axis

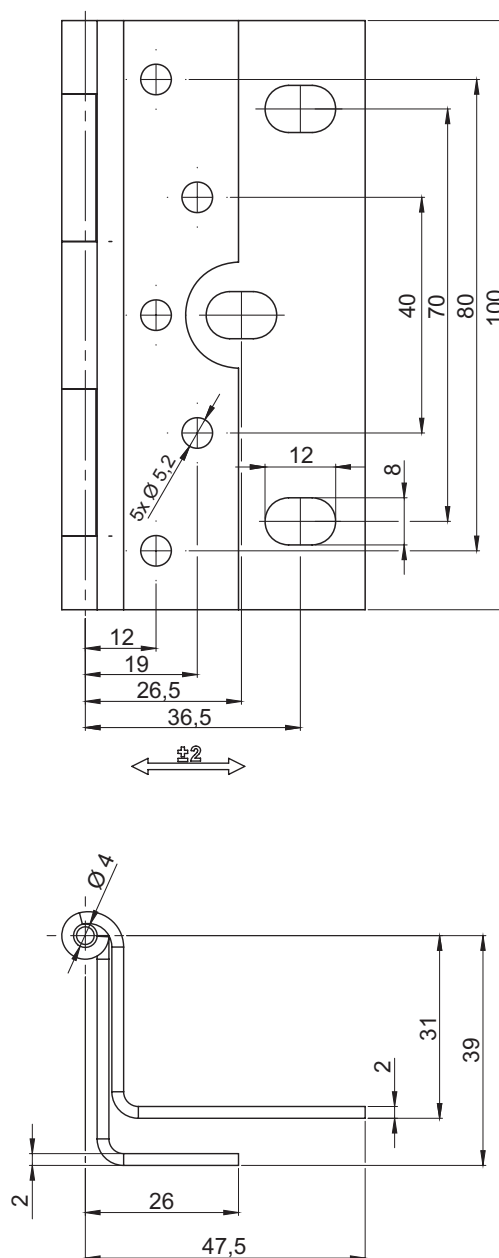
| CATALOGUE NUMBER | DIMENSION |     |    |     |     | MATERIAL          |
|------------------|-----------|-----|----|-----|-----|-------------------|
|                  | A         | B   | C  | G   | L   |                   |
| 3.ST50.001       | 30        | -   | 25 | 2   | 50  | Steel zinc plated |
| 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   | 50  | 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 |                   |



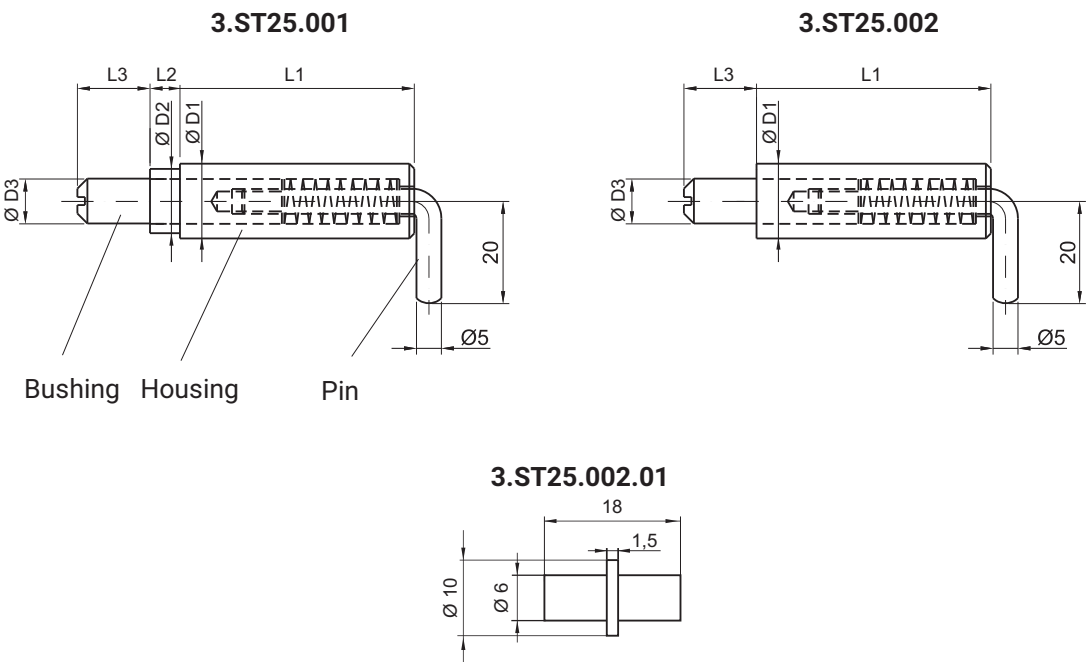
| CATALOGUE NO. | VERSION | COMPONENTS  | MATERIAL        |
|---------------|---------|-------------|-----------------|
| 3.ST79.001SN  | Right   | Holder, Pin | Stainless steel |
| 3.ST79.002SN  | Left    | Holder, Pin |                 |



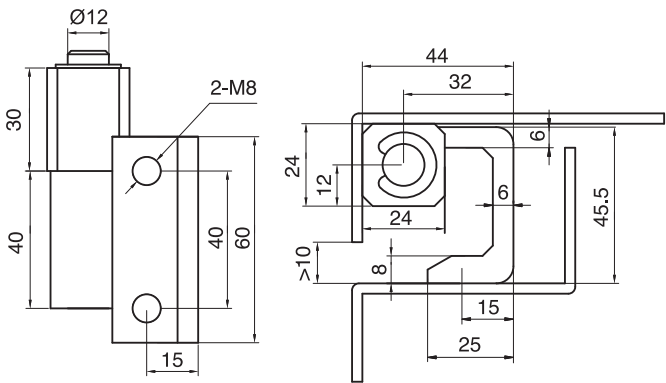
| CATALOGUE NO.     | VERSION | COMPONENTS  | MATERIAL        |
|-------------------|---------|-------------|-----------------|
| 3.ST104.006.001SN | Right   | Holder, Pin | Stainless steel |
| 3.ST104.006.002SN | Left    |             |                 |



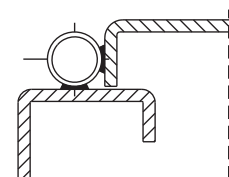
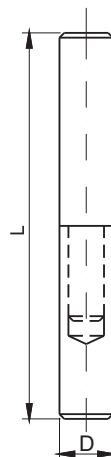
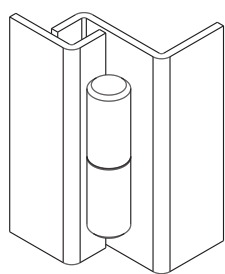
| CATALOGUE NO. | COMPONENTS        | MATERIAL        |
|---------------|-------------------|-----------------|
| 3.ST89.001SN  | Holder, Base, Pin | Stainless steel |



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



| CATALOGUE NUMBER | COMPONENTS  | MATERIAL        |
|------------------|-------------|-----------------|
| 3.550.001        | Holder, Pin | Stainless steel |


 stainless  
steel


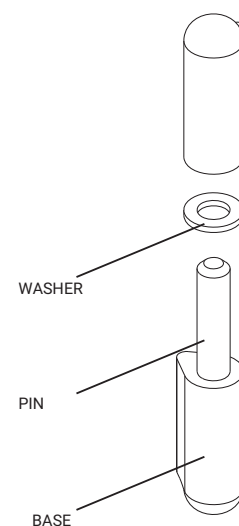
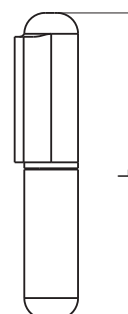
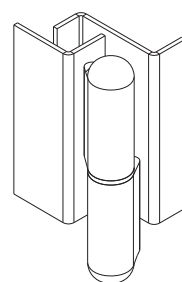
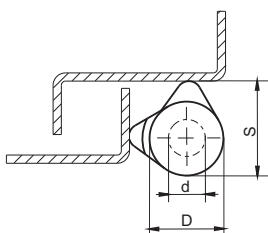
| CATALOGUE NUMBER     | Dimension |        | X   |
|----------------------|-----------|--------|-----|
|                      | L [mm]    | D [mm] |     |
| 3.ST7.X<br>3.ST7.XSN | 40        | 10     | 001 |
|                      | 50        | 10     | 002 |
|                      | 65        | 10     | 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 |

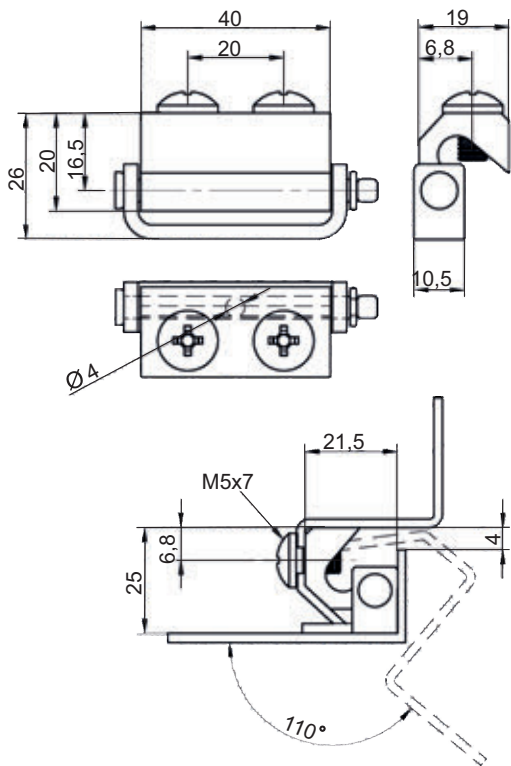
ST 7-1



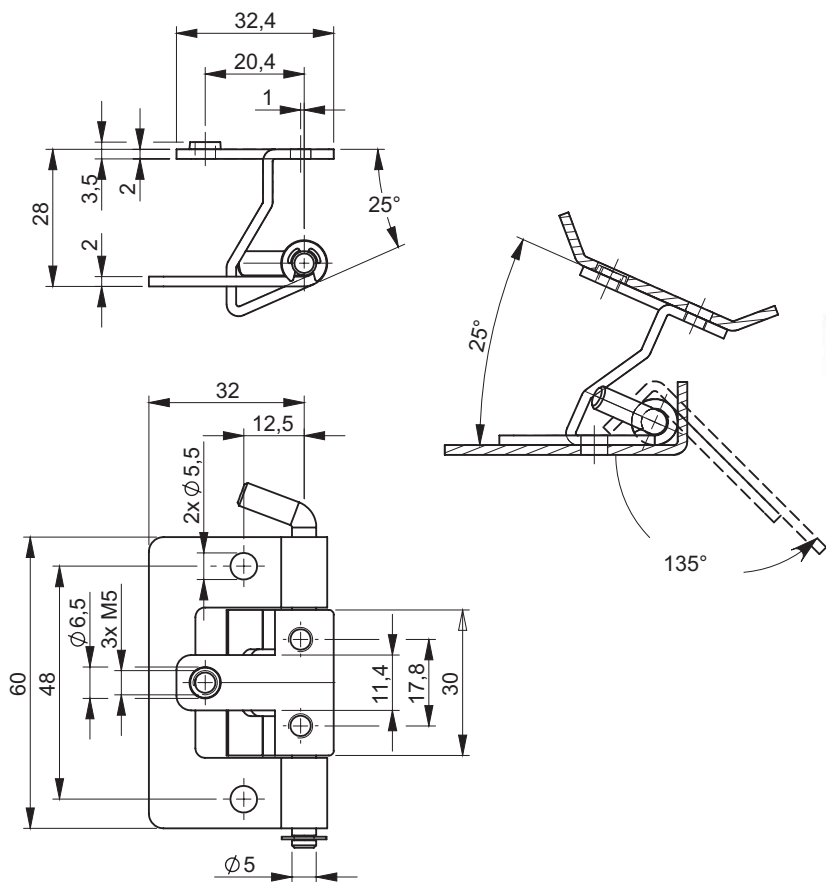
ST 7-2



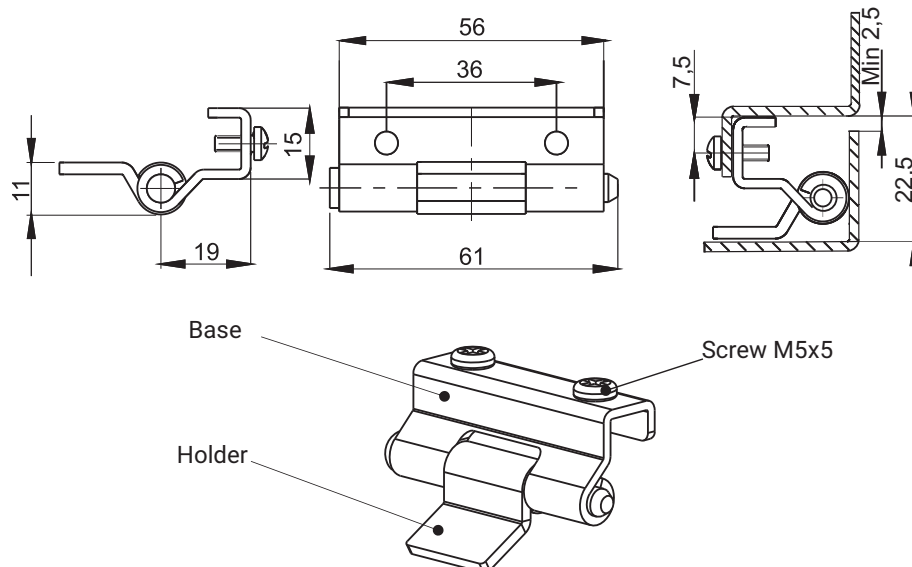
| CATALOGUE NUMBER   |                | COMPONENTS |    | MATERIAL |    |     |
|--------------------|----------------|------------|----|----------|----|-----|
| 3.ST7-1<br>3.ST7-2 |                | Base, Pin  |    | Steel    |    |     |
|                    |                | Washer     |    | Brass    |    |     |
| 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 |



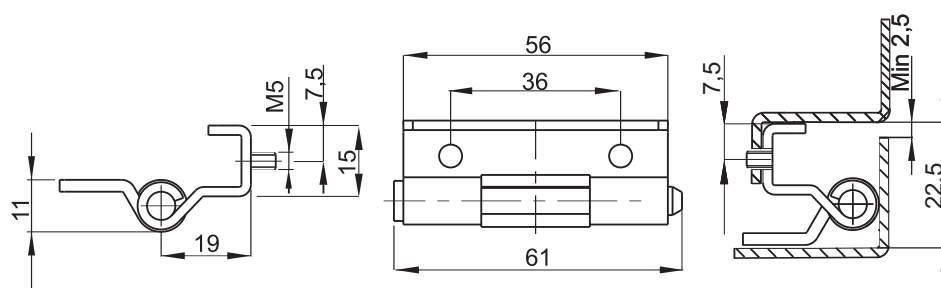
| CATALOGUE NUMBER | COMPONENTS | MATERIAL             |
|------------------|------------|----------------------|
| 3.538.001        | Holder     | Steel copper plated  |
|                  | Base       | Aluminum zinc plated |



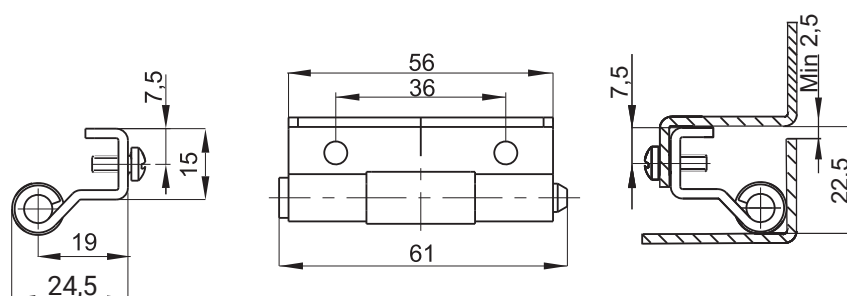
| CATALOGUE NUMBER | COMPONENTS   | MATERIAL          |
|------------------|--------------|-------------------|
| 3.539.001        | Holder, Base | Steel zinc plated |



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

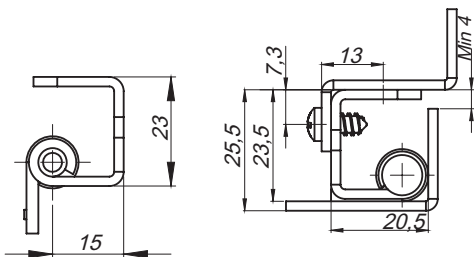


| CATALOGUE NUMBER | COMPONENTS | MATERIAL            |
|------------------|------------|---------------------|
| 3.ST552.001      | Base       | Steel zinc plated   |
|                  | Holder     | Steel copper plated |

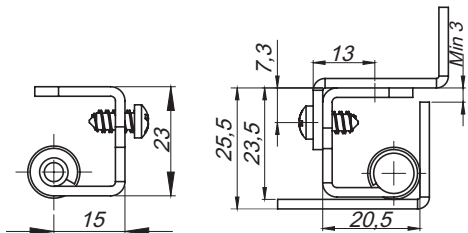
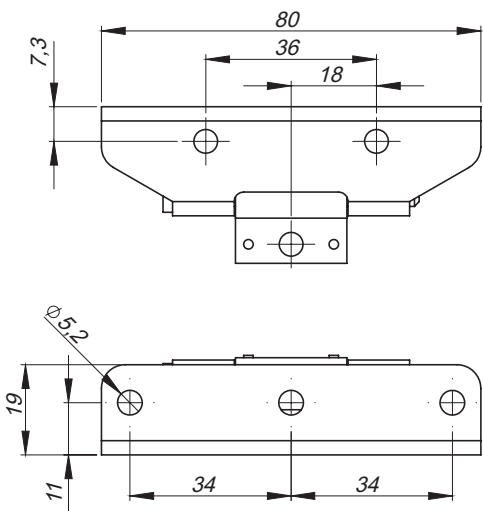


| CATALOGUE NUMBER | COMPONENTS | MATERIAL            |
|------------------|------------|---------------------|
| 3.ST553.001      | Base       | Steel zinc plated   |
|                  | Holder     | Steel copper plated |

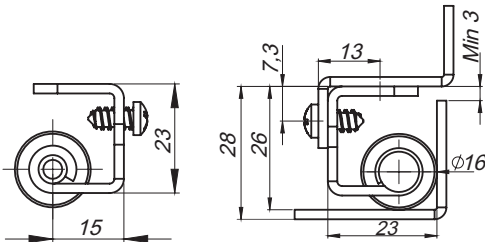
3.ST558 ver. 001



3.ST558 ver. 002

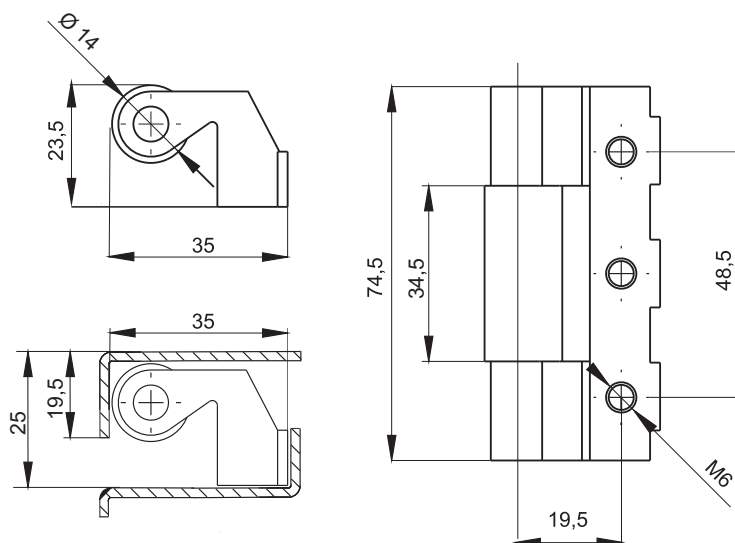


3.ST558 ver. 003

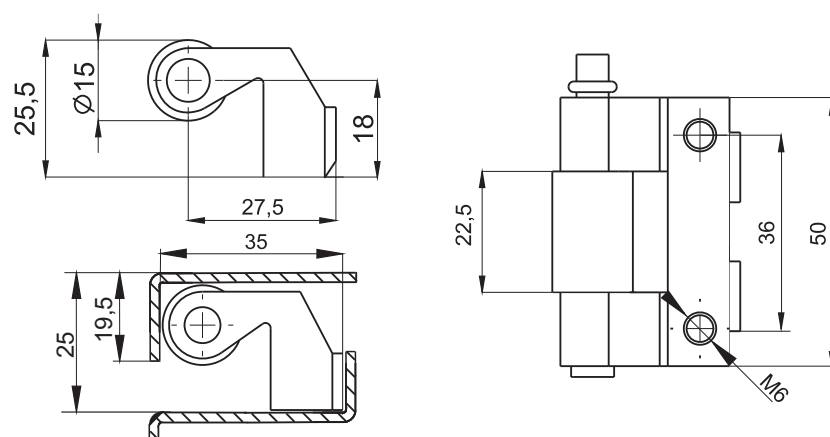


| CATALOGUE NUMBER | COMPONENTS | MATERIAL            |
|------------------|------------|---------------------|
| 3.ST558.001      | Base, pin  | Steel zinc plated   |
|                  | Holder     | Steel copper plated |
| 3.ST558.002      | Base, pin  | Steel zinc plated   |
|                  | Collet     | Steel copper plated |
| 3.ST558.003      | Base, pin  | Steel zinc plated   |
|                  | Collet     | Steel copper plated |

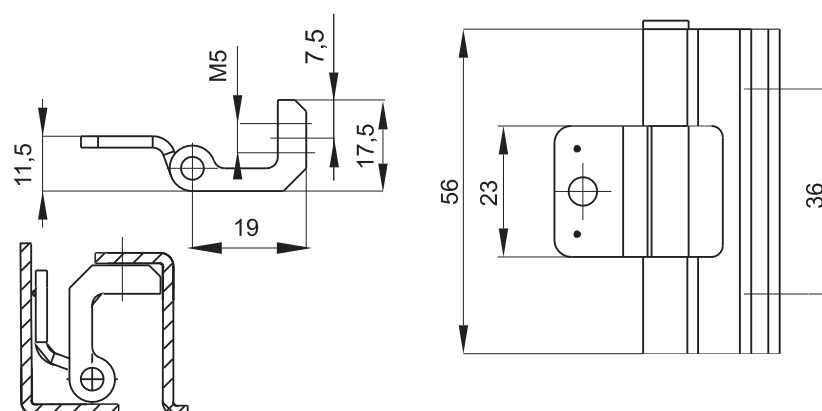




| CATALOGUE NUMBER | COMPONENTS | MATERIAL            |
|------------------|------------|---------------------|
| 3.501.001        | Base       | ZAMAK 5 zinc plated |
|                  | Holder     | Steel copper plated |
|                  | Pin        | Steel zinc plated   |



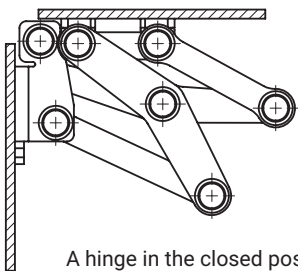
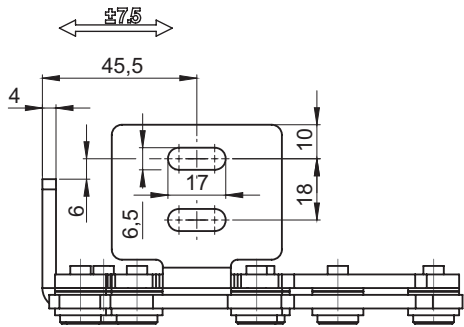
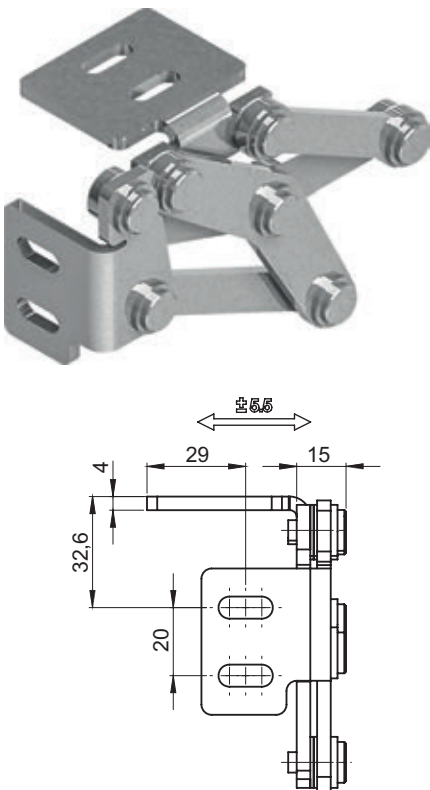
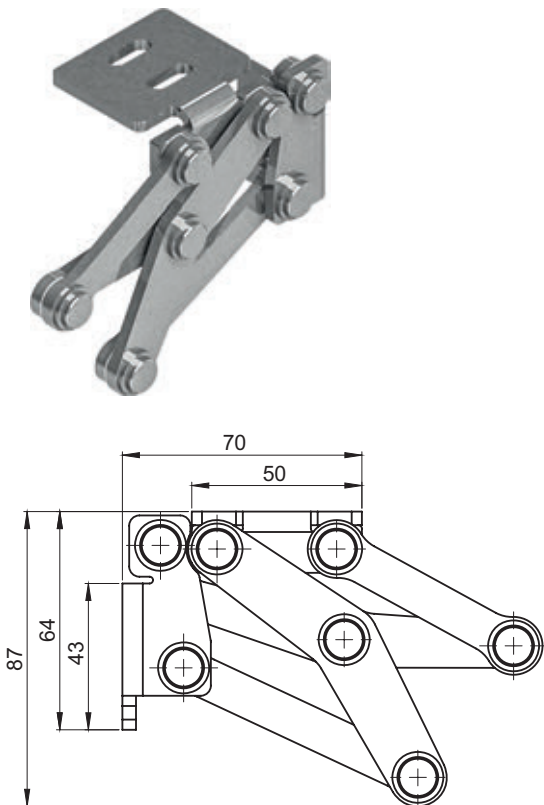
| CATALOGUE NUMBER | COMPONENTS | MATERIAL            |
|------------------|------------|---------------------|
| 3.502.001        | Base       | ZAMAK 5 zinc plated |
|                  | Holder     | Steel copper plated |
|                  | Pin        | Steel zinc plated   |



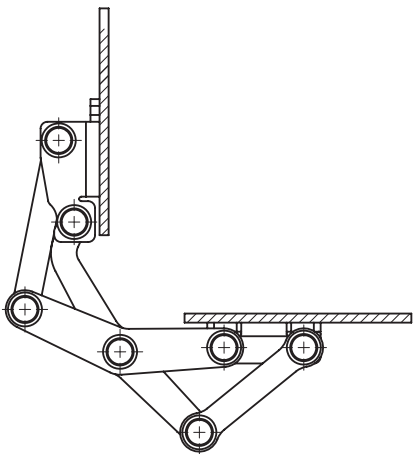
| CATALOGUE NUMBER | COMPONENTS | MATERIAL            |
|------------------|------------|---------------------|
| 3.503.001        | Base       | ZAMAK 5 zinc plated |
|                  | Holder     | Steel copper plated |
|                  | Pin        | Steel zinc plated   |

Left hinge  
3.ST300.002SN

Right hinge  
3.ST300.001SN



A hinge in the closed position

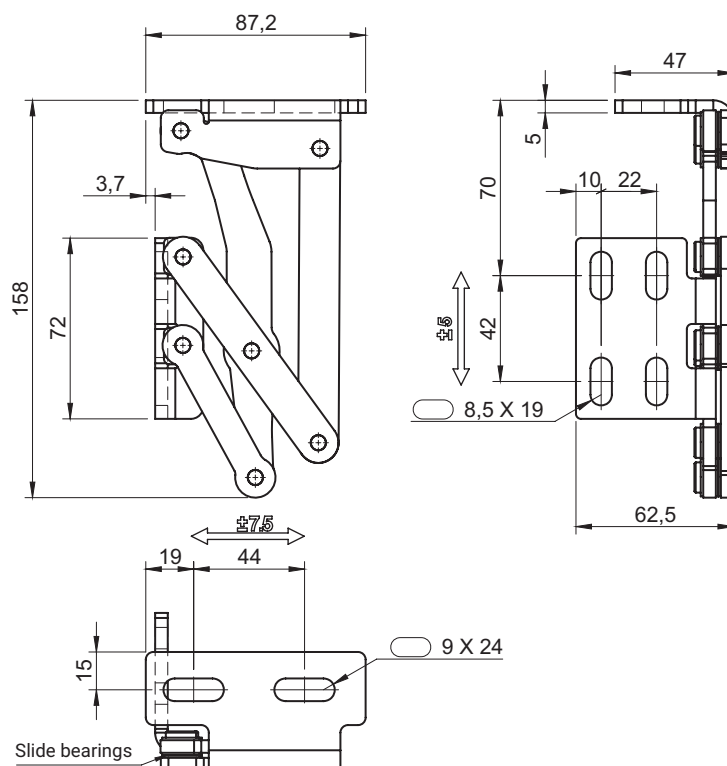


A hinge in the open position

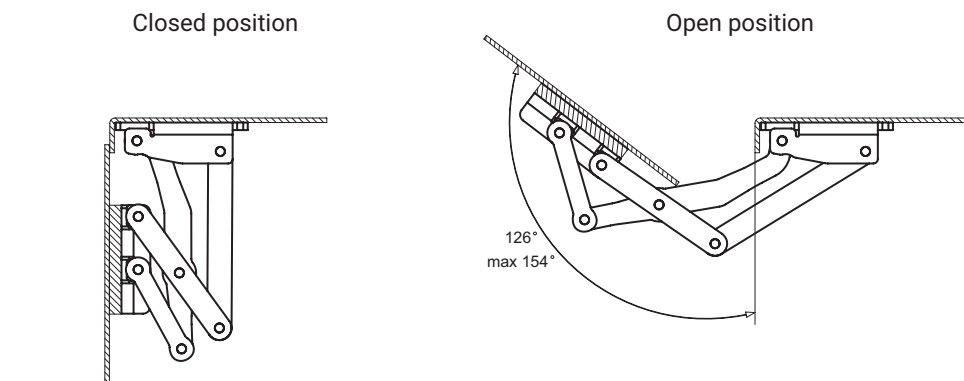
| CATALOGUE NO. | VERSION | MATERIAL        |
|---------------|---------|-----------------|
| 3.ST300.001SN | Right   | Stainless steel |
| 3.ST300.002SN | Left    |                 |

**3.ST301.001SN**

Right hinge

**3.ST301.002SN**

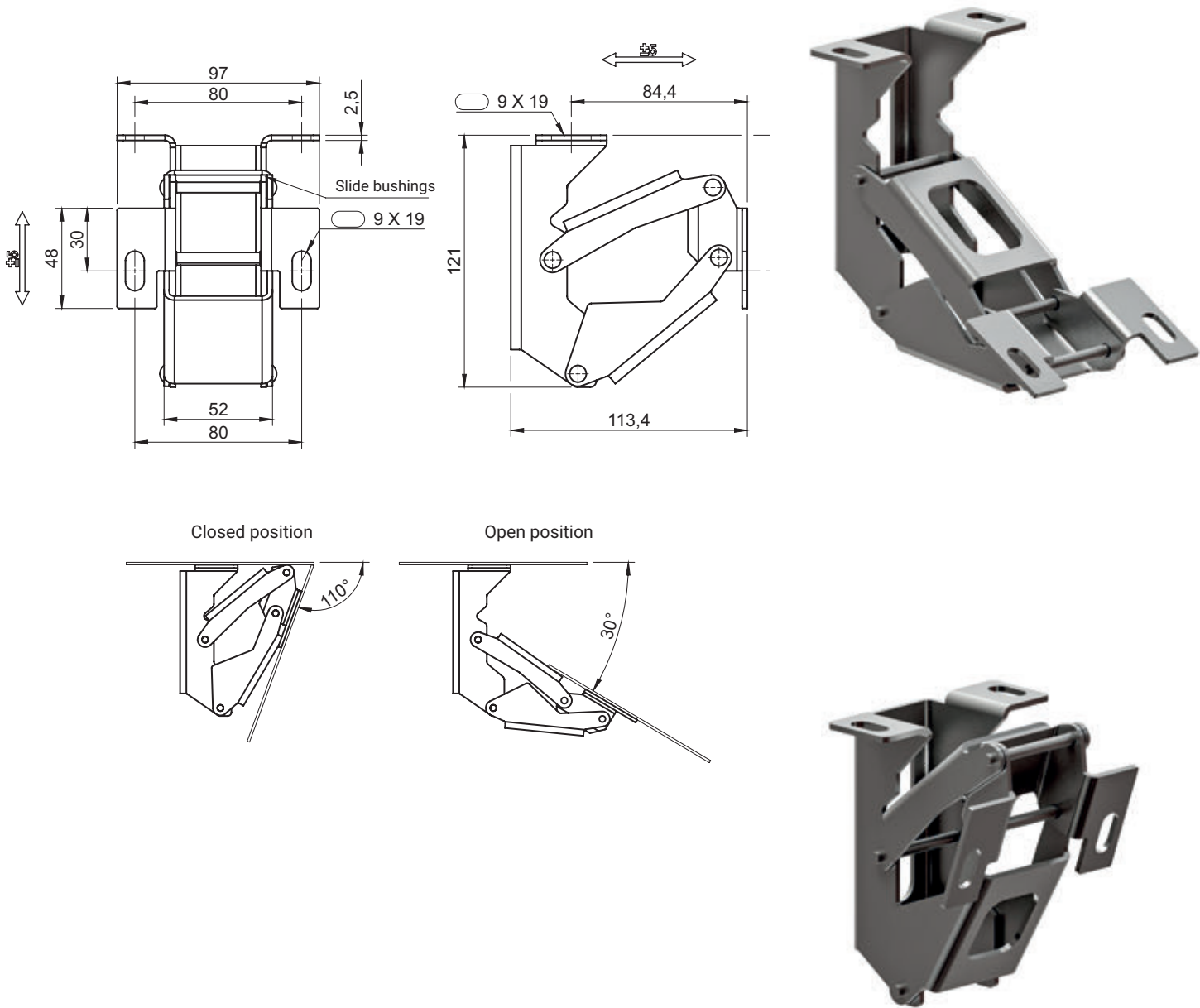
Left hinge



All hinge pivot axes are supported by slide bearings

| CATALOGUE NUMBER | VERSION | MATERIAL        |
|------------------|---------|-----------------|
| 3.ST301.001SN    | Right   | Stainless steel |
| 3.ST301.002SN    | Left    |                 |

# Hinge 3.ST302



All hinge pivot axes are supported by slide bearings

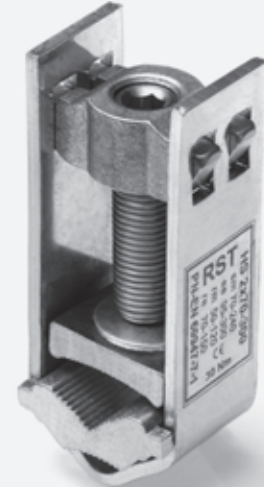
| CATALOGUE NUMBER | MATERIAL        |
|------------------|-----------------|
| 3.ST302.001SN    | Stainless steel |



**3B-51**

| Internal hinges

[www.roztocze.eu](http://www.roztocze.eu)



1

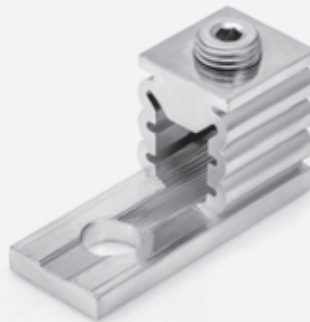
Locking  
systems

2

Locks  
Latches

3

Hinges



4

Clamps

5

Accessories



6

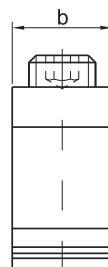
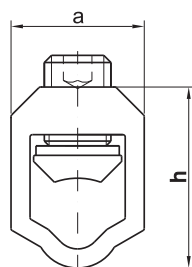
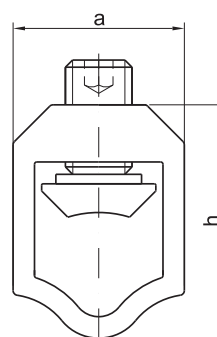
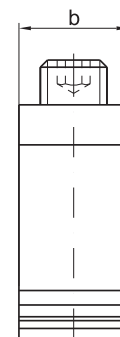
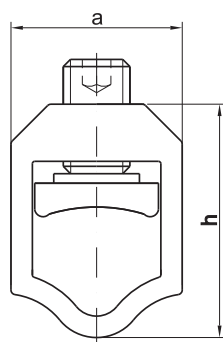
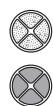
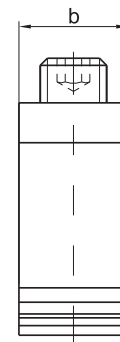
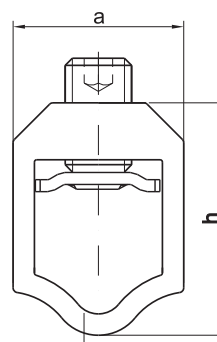
Gasketing  
profiles

7

Custom  
products



25-120SW

35-240SW  
50-240SW35-240SW-C  
50-240SW-C70-300SW  
95-300SW25-120SW-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 <sup>2</sup> ] |        |        |        | NOMINAL<br>CROSS-SECTION<br>[mm <sup>2</sup> ] | MAX<br>TIGHTENING<br>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                                            | 30                               | 35         | 23,2 | 49 |
| 50-240SW-C  | 50-240                           | 50-240 | 35-95  | 35-120 | 150                                            | 30                               | 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



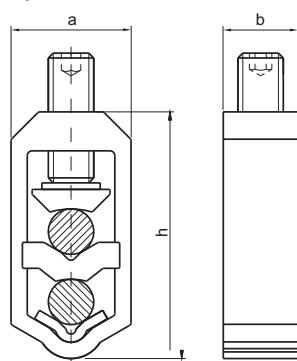
# Screw clamps v-klema type Double aluminium



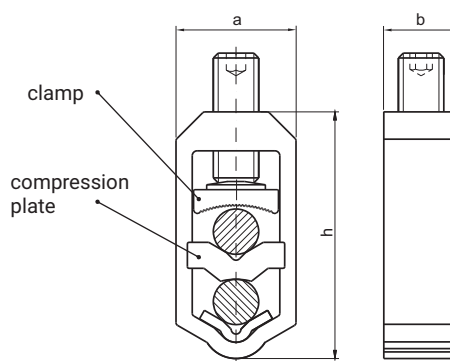
ROZTOCZE

4

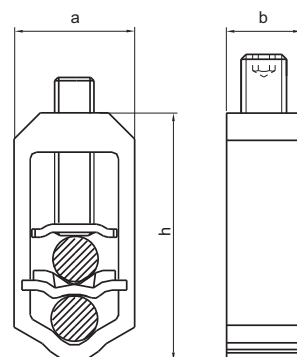
2/25-120SW  
2/50-240SW  
2/25-120SW-D  
2/50-240SW-D



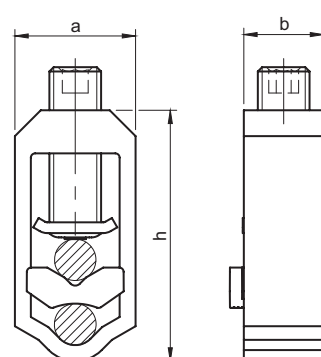
2/70-300SW  
2/70-300SW-E



2/25-120SW-B  
2/35-300SW-B



2/25-120SW-E



sm - multiwire sector shaped conductor (flexible)

rm - round multiwire conductor (flexible)

se - sector shaped conductor (rigid)

re - round conductor (rigid)

| DETAIL       | CROSS-SECTION [mm <sup>2</sup> ] |        |        |        | NOMINAL<br>CROSS-SECTION<br>[mm <sup>2</sup> ] | MAX<br>TIGHTENING<br>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-D | 25-120                           | 25-120 | 16-95  | 16-95  | 95                                             | 20                              | 28         | 18 | 58 |
| 2/50-240SW-D | 35-185                           | 35-240 | 35-120 | 35-150 | 150                                            | 30                              | 37         | 23 | 76 |
| 2/70-300SW-E | 70-240                           | 95-300 | 50-120 | 70-150 | 150                                            | 30                              | 37         | 23 | 76 |
| 2/25-120SW-E | 25-120                           | 25-120 | 16-95  | 16-95  | 95                                             | 20                              | 28         | 18 | 58 |

|                   | 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  |                  |                    |                          |              |
|                   | 2/25-120SW-D       | 2/50-240SW-D     | 2/70-300SW-E       | 2/25-120SW-E             |              |
| clamp             | brass- zinc plated | ZAMAK tin-plated | brass- zinc plated | spring steel zinc-plated |              |
| compression plate | ZAMAK tin-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

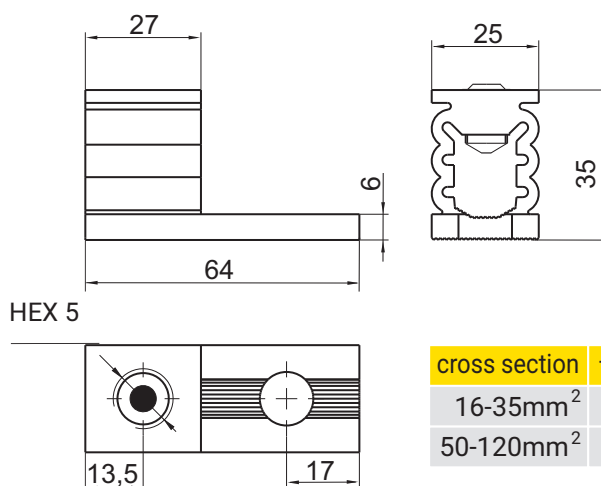
www.roztocze.eu

Screw clamps |

4-2



## 16-120 SW



| cross section         | tightening torque |
|-----------------------|-------------------|
| 16-35mm <sup>2</sup>  | 12 Nm             |
| 50-120mm <sup>2</sup> | 25 Nm             |

For the multiwire sector shaped conductor **rm** the need to use the tip of the sleeve DIN 46228/4

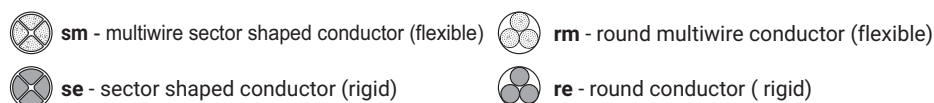
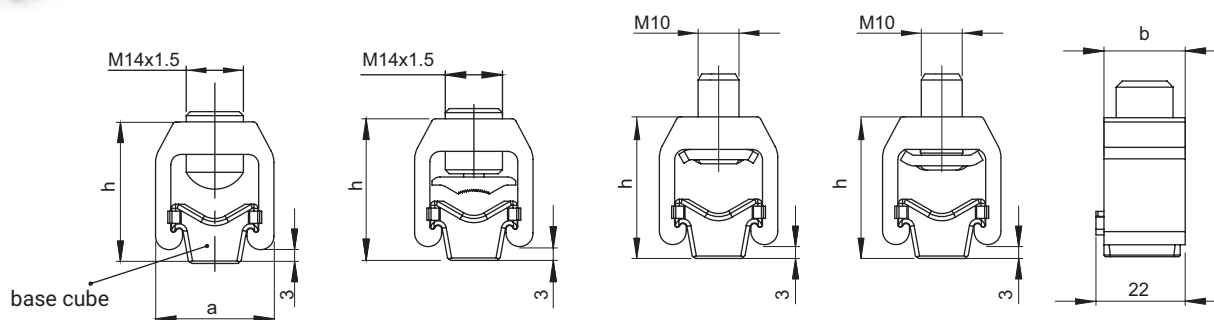


## 10-150.SW.A

## 10-150.SW.B

## 10-150.SW.C1

## 10-150.SW.C2



| DETAIL      | CROSS-SECTION [mm <sup>2</sup> ] |        |        |        | NOMINAL<br>CROSS-SECTION<br>[mm <sup>2</sup> ] | MAX<br>TIGHTENING<br>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 |

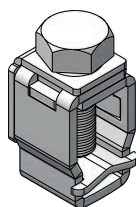
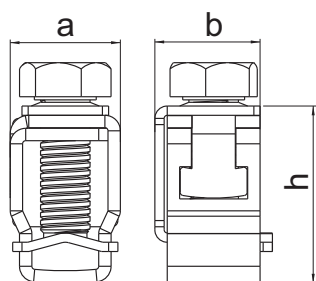
|           | 16-120SW           | 10-150.SW.A      | 10-150.SW.B      | 10-150.SW.C1/C2          |
|-----------|--------------------|------------------|------------------|--------------------------|
| clamp     | -                  | -                | brass tin-plated | spring steel zinc-plated |
| base cube | -                  | Brass tin-plated |                  |                          |
| housing   | aluminium (AlMgSi) |                  |                  |                          |
| screw     | brass tin-plated   |                  |                  | steel zinc-plated        |

\* SW - hexagon head socked.

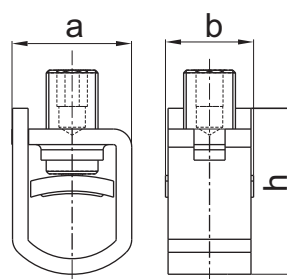
\* Screw clamps have safety sign 'B' WG PN-EN 60947-7-1, (IEC 60947-7-1)

# Screw clamps v-klema type HM, HS steel single

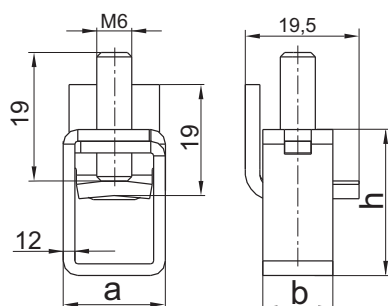
HM 6-50



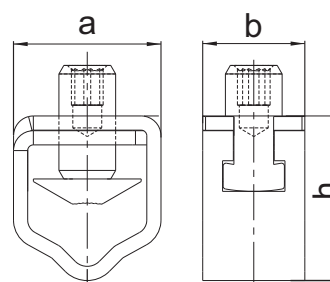
HS 10-95



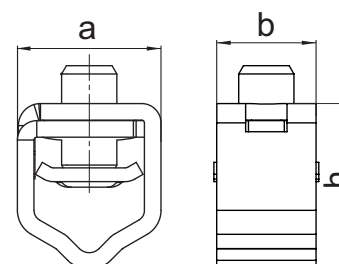
HS 6-50



HM 10-95/A HM 10-95/C  
HM 25-150/A HM 25-150/B



HM 10-95/B

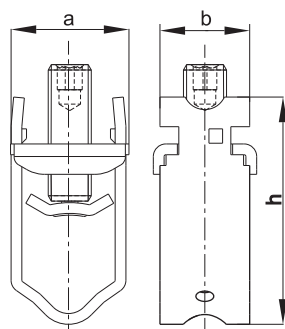
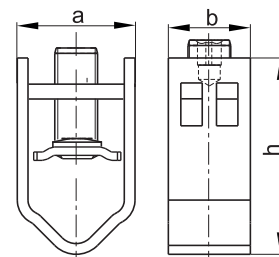
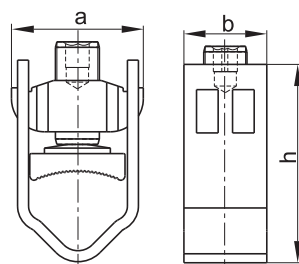
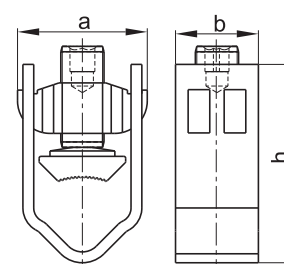
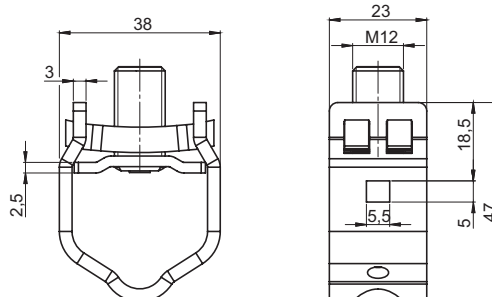


- sm** - multiwire sector shaped conductor (flexible)
 **rm** - round multiwire conductor (flexible)
- se** - sector shaped conductor (rigid)
 **re** - round conductor (rigid)

| DETAIL      | CROSS-SECTION [mm <sup>2</sup> ] |        |        |        | NOMINAL<br>CROSS-SECTION<br>[mm <sup>2</sup> ] | MAX<br>TIGHTENING<br>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 tin-plated | spring steel zinc-plated | Brass tin-plated         | Brass tin-plated | Brass tin-plated  |
| 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)

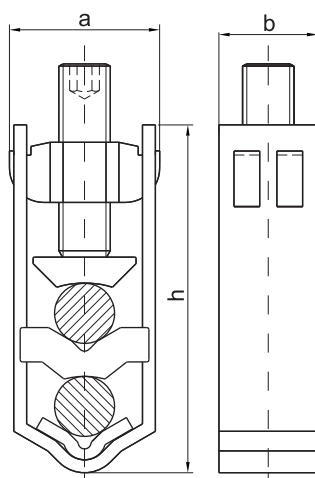
| DETAIL             | CROSS-SECTION [mm <sup>2</sup> ] |         |         |         | NOMINAL<br>CROSS-SECTION<br>[mm <sup>2</sup> ] | MAX<br>TIGHTENING<br>TORQUE [Nm] | DIMENSIONS |    |    |
|--------------------|----------------------------------|---------|---------|---------|------------------------------------------------|----------------------------------|------------|----|----|
|                    | sm                               | se      | rm      | re      |                                                |                                  | a          | b  | h  |
| <b>HS 25-240</b>   | 50-240                           | 50-240  | 25-185  | 25-95   | 240                                            | 30                               | 33         | 25 | 63 |
| <b>HS 50-240</b>   | 50-185                           | 50-240  | 35-120  | 35-150  | 150                                            | 40                               | 35         | 22 | 55 |
| <b>HS 70-300</b>   | 70-240                           | 95-300  | 50-150  | 70-185  | 185                                            | 40                               | 35         | 22 | 55 |
| <b>HS 35-300-B</b> | 35-240                           | 50-300  | 35-300  | 35-185  | 185                                            | 40                               | 35         | 22 | 55 |
| <b>HS 50-300-B</b> | 50-240                           | 70-300  | 50-300  | 50-185  | 185                                            | 40                               | 35         | 22 | 55 |
| <b>HS 120-300</b>  | 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 tin-plated |           | Spring steel zinc-plated |             |                 |
| screw   | Steel zinc-plated        |                  |           |                          |             |                 |
| nut     | Steel zinc-plated        | Brass tin-plated |           | Steel zinc-plated        |             |                 |

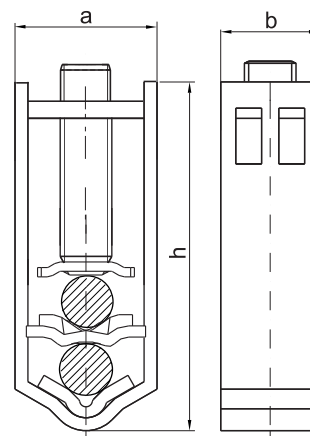
\* Screw clamps have safety sign 'B' WG PN-EN 60947-7-1, (IEC 60947-7-1)

# Screw clamps v-klema type HS steel double

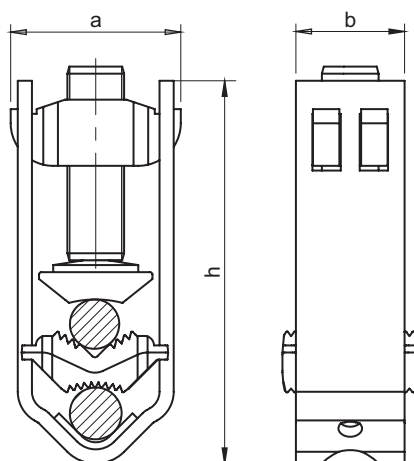
HS 2/50-240



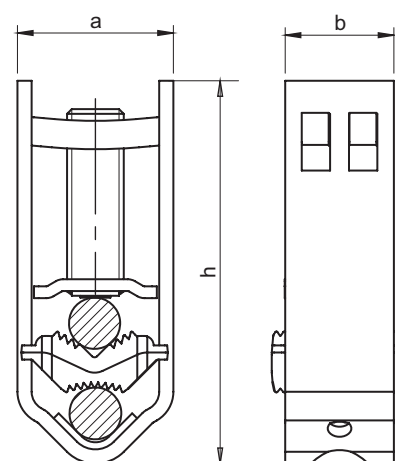
HS 2/50-240-B



HS 2/50-240-D



HS 2/50-240-E

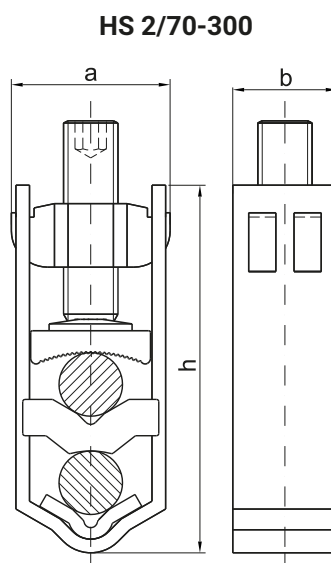


-  **sm** - multiwire sector shaped conductor (flexible)   
  **rm** - round multiwire conductor (flexible)  
 **se** - sector shaped conductor (rigid)   
  **re** - round conductor (rigid)

| DETAIL        | CROSS-SECTION [mm <sup>2</sup> ] |        |        |        | NOMINAL<br>CROSS-SECTION<br>[mm <sup>2</sup> ] | MAX<br>TIGHTENING<br>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-D | 50-185                           | 50-240 | 35-150 | 35-185 | 185                                            | 40                               | 36         | 23 | 81 |
| HS 2/50-240-E | 35-240                           | 35-300 | 35-300 | 50-185 | 185                                            | 40                               | 35         | 23 | 81 |

|                   | HS 2/50-240              | HS 2/50-240-B            | HS 2/50-240-D    | HS 2/50-240-E    |
|-------------------|--------------------------|--------------------------|------------------|------------------|
| clamp             | Brass tin-plated         | steel zinc-plated        | ZAMAK tin-plated |                  |
| housing           | spring steel zinc-plated |                          |                  |                  |
| screw             | steel zinc-plated        |                          |                  |                  |
| compression plate | Brass tin-plated         |                          | ZAMAK tin-plated |                  |
| nut               | Brass tin-plated         | spring steel zinc-plated |                  | Brass tin-plated |

\* Screw clamps have safety sign 'B' WG PN-EN 60947-7-1, (IEC 60947-7-1)



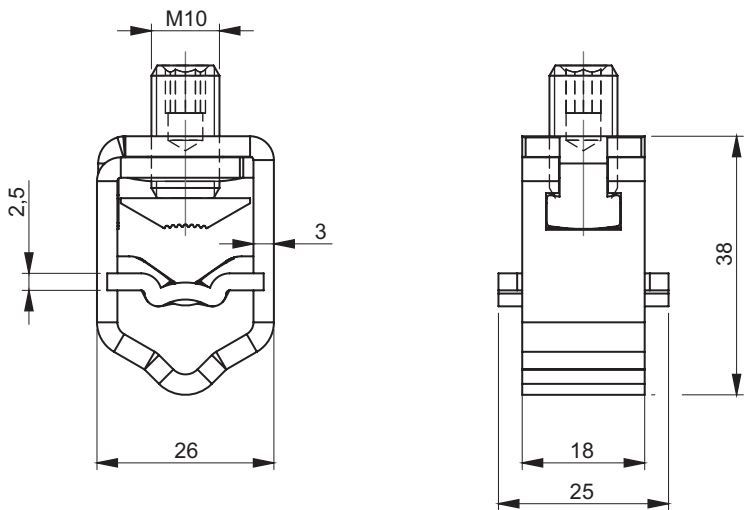
-  **sm** - multiwire sector shaped conductor (flexible)    
  **rm** - round multiwire conductor (flexible)
-  **se** - sector shaped conductor (rigid)    
  **re** - round conductor (rigid)

| DETAIL             | CROSS-SECTION [mm <sup>2</sup> ] |        |        |        | NOMINAL<br>CROSS-SECTION<br>[mm <sup>2</sup> ] | MAX<br>TIGHTENING<br>TORQUE [Nm] | DIMENSIONS |    |    |
|--------------------|----------------------------------|--------|--------|--------|------------------------------------------------|----------------------------------|------------|----|----|
|                    | sm                               | se     | rm     | re     |                                                |                                  | a          | b  | h  |
| <b>HS 2/70-300</b> | 70-240                           | 95-300 | 50-120 | 70-150 | 185                                            | 30                               | 35         | 22 | 81 |

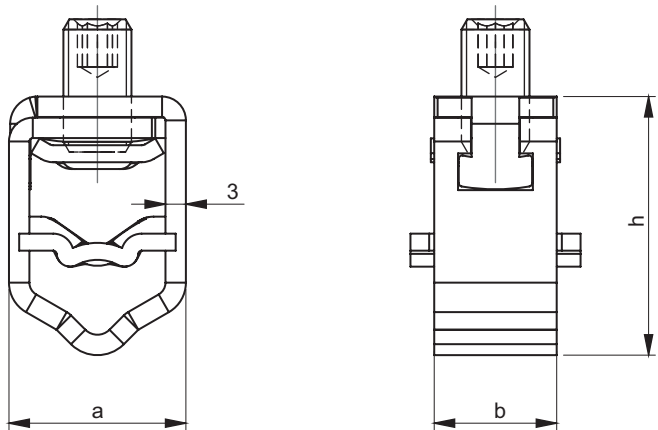
|                          | <b>HS 2/70-300</b>       |
|--------------------------|--------------------------|
| <b>clamp</b>             | Brass tin-plated         |
| <b>housing</b>           | spring steel zinc-plated |
| <b>screw</b>             | steel zinc-plated        |
| <b>compression plate</b> | Brass tin-plated         |
| <b>nut</b>               | Brass tin-plated         |

\* Screw clamps have safety sign 'B' WG PN-EN 60947-7-1, (IEC 60947-7-1)

HM 2/10-70-A



HM 2/10-70-B



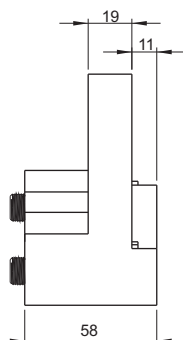
-  **sm** - multiwire sector shaped conductor (flexible)     **rm** - round multiwire conductor (flexible)  
 **se** - sector shaped conductor (rigid)     **re** - round conductor (rigid)

| DETAIL       | CROSS-SECTION [mm <sup>2</sup> ] |       |       |       | MAX<br>TIGHTENING<br>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 |

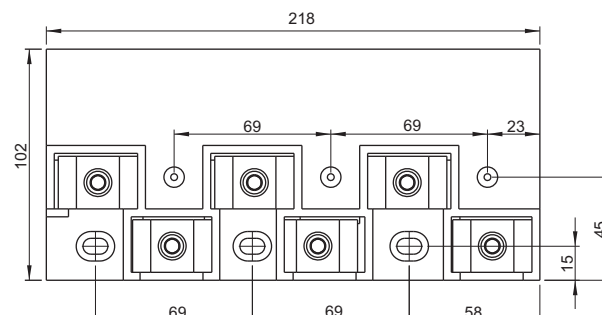
|                   | HM 2/10-70-A      | HM 2/10-70-B      |
|-------------------|-------------------|-------------------|
| Clamp             | Brass tin-plated  | Steel zinc-plated |
| Housing           | Steel zinc-plated | Steel zinc-plated |
| Screw             | Steel zinc-plated | Steel zinc-plated |
| Compression plate | Copper tinned     | Copper tinned     |

\* Screw clamps have safety sign 'B' WG PN-EN 60947-7-1, (IEC 60947-7-1)





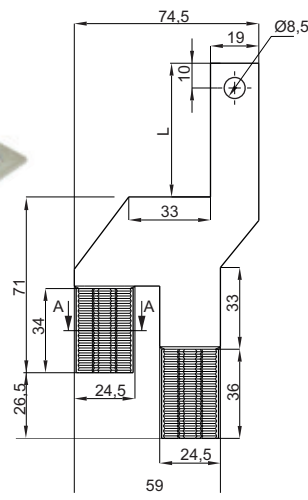
Connecting device RBK LZ6V



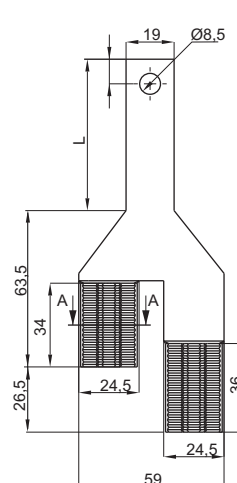
Terminals for connecting device 4.601.001



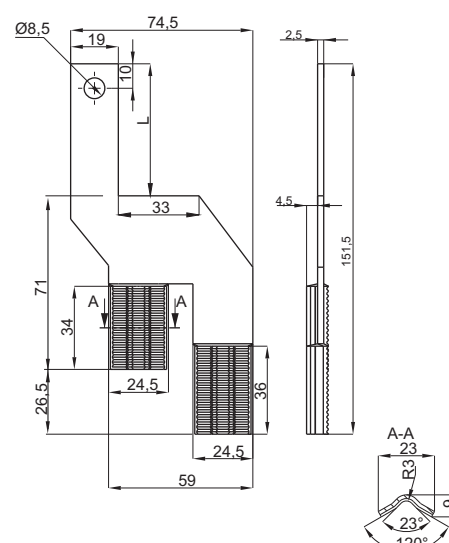
4.601.101, 4.601.201



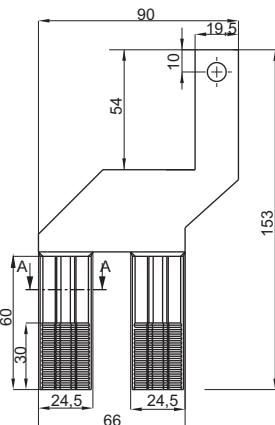
4.601.102



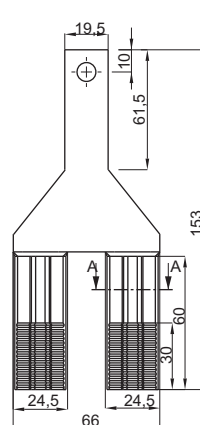
4.601.103, 4.601.203



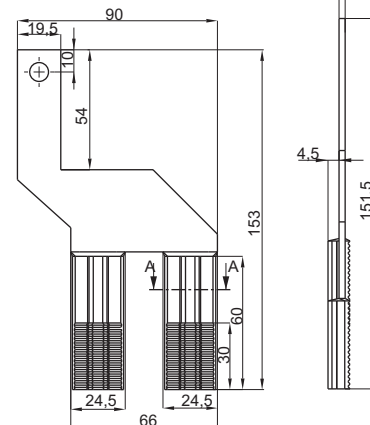
4.601.401



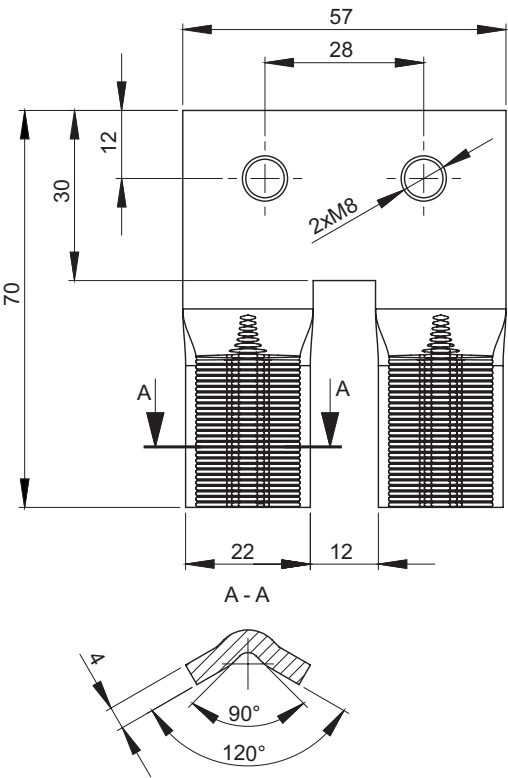
4.601.402



4.601.403

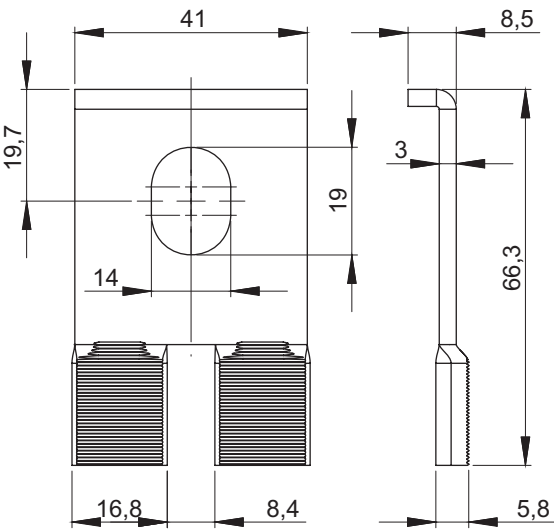


| CATALOGUE NUMBER | NAME                   | MATERIAL                     | L [mm] |
|------------------|------------------------|------------------------------|--------|
| 4.601.001        | Connecting device LZ6V | Polyamide PA6 - colour white | -      |
| 4.601.101        | Terminals              | Tin-plated copper            | 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 | Tin-plated copper |

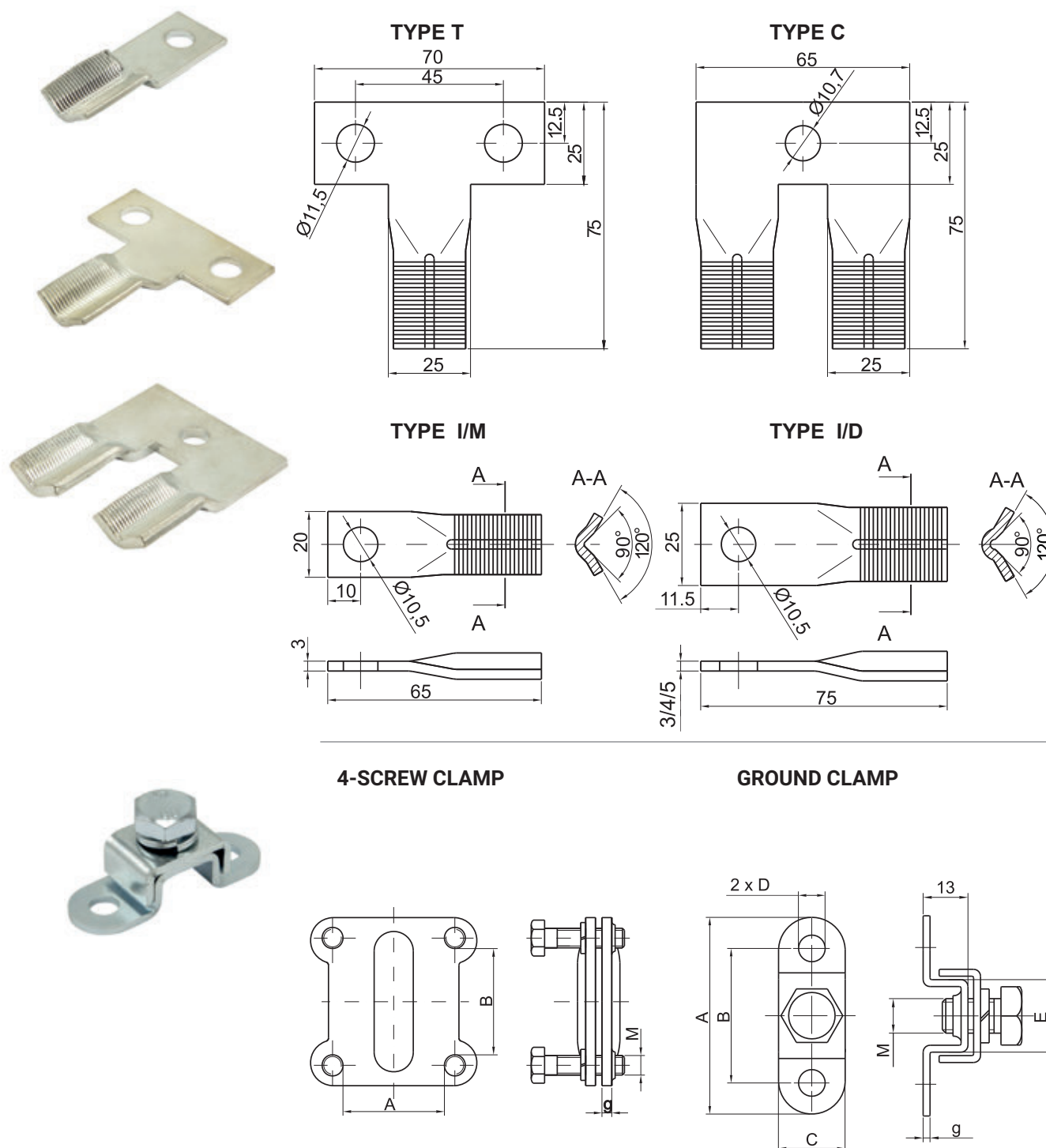
Terminal is dedicated to clamps pg.: 4-1 (in main catalogue) except 25-120 SW, 25-120 SW-B; 4-2 except 2,25-120 SW, 2/25-120 SW-B; 4-5; 4-6 (in main catalogue) except HS 2/70-240-C.



| CATALOGUE NO. | DETAIL   | MATERIAL          |
|---------------|----------|-------------------|
| 4.603.004     | Terminal | Steel zinc plated |

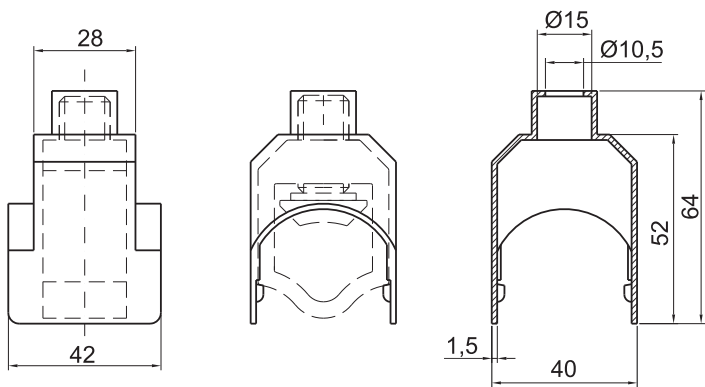
Terminal is dedicated to clamps HS 10-95 (pg. 4-4 in main catalogue)





| CAT. NUMBER    | NAME                                              | MATERIAL          | A  | B  | C  | D     | E  | g   | M      |
|----------------|---------------------------------------------------|-------------------|----|----|----|-------|----|-----|--------|
| 4.406.001      | Ground clamp                                      | Steel zinc plated | 53 | 39 | 18 | ø 6,5 | 19 | 2   | M8x16  |
| 4.406.002      |                                                   |                   | 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 |                   |    |    |    |       |    |     |        |

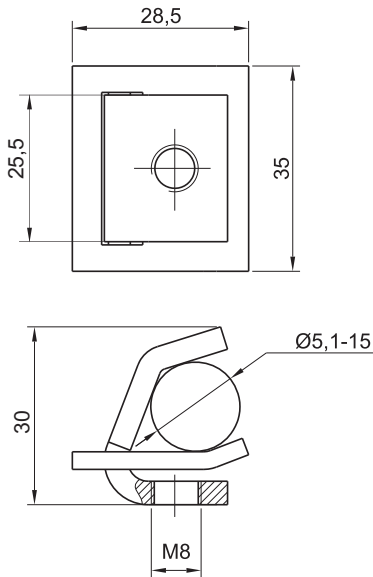
V-KLEMY COVERS



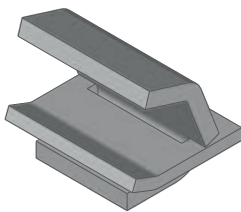
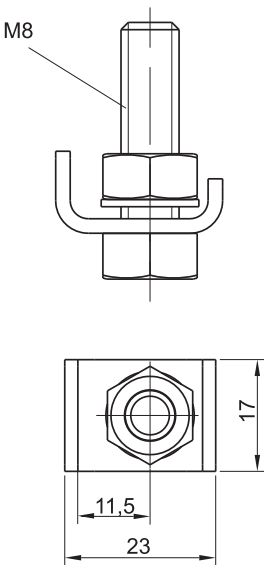
| CTALOGUE NUMBER | NAME          | MATERIAL      | COLORS [X]                                                                                                           |
|-----------------|---------------|---------------|----------------------------------------------------------------------------------------------------------------------|
| 4.520.001.0X    | V-klema cover | PA6-polyamide | <div>01 black</div> <div>02 blue</div> <div>03 red</div> <div>04 green</div> <div>05 yellow</div> <div>06 grey</div> |

**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

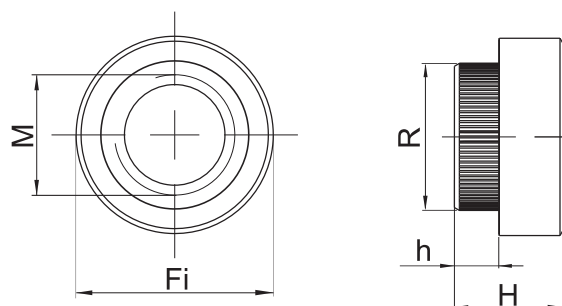


GROUND HOLDER  
4.403.001

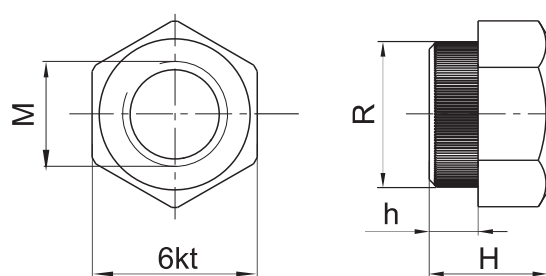


| CTALOGUE NUMBER | NAME             | MATERIAL                             |
|-----------------|------------------|--------------------------------------|
| 4.402.001       | Linear clamp ZLG | Stainless steel                      |
| 4.403.001       | Ground clamp ZU  | Stainless steel or steel zinc plated |

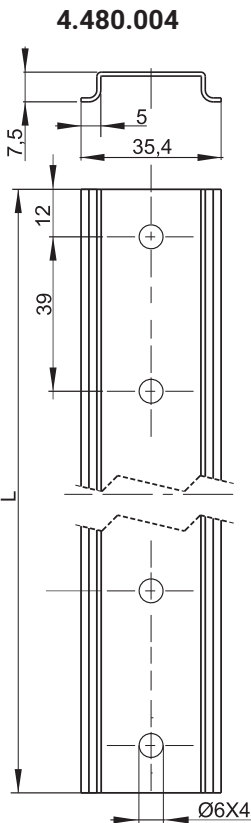
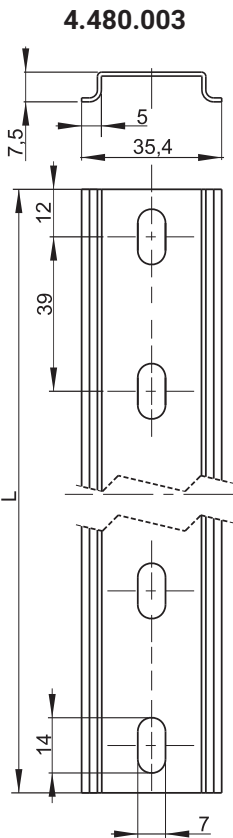
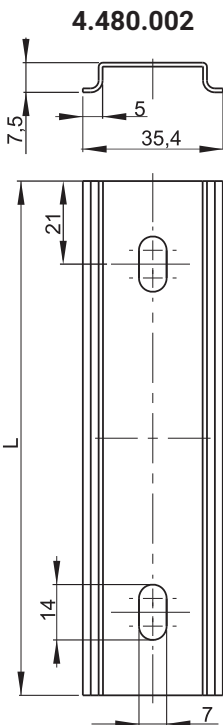
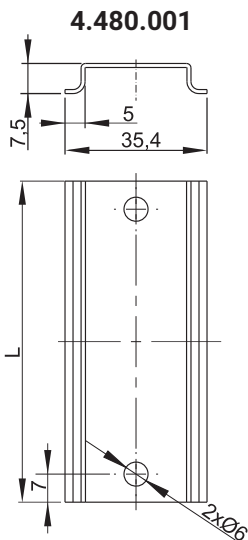
## ROUND NUT



## 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    |

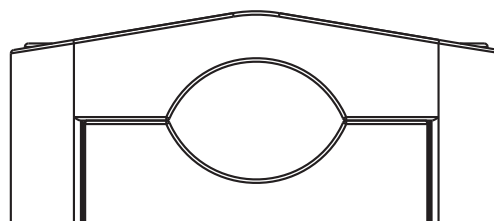


| CAT. NUMBER | DIMENSION L | MATERIAL            |
|-------------|-------------|---------------------|
| 4.480.001   | 80          | Steel - zinc plated |
| 4.480.002.L | 130         | Steel - zinc plated |
| 4.480.002.L | 140         | Steel - zinc plated |
| 4.480.002.L | 260         | Steel - zinc plated |
| 4.480.003   | 360         | Steel - zinc plated |
| 4.480.004   | 360         | Steel - zinc plated |

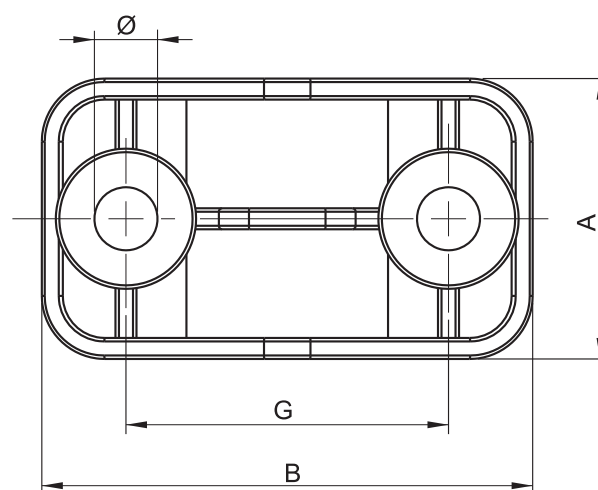
NOTICE: Other dimensions on request



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 PA6<br>colour RAL | 17-27    | 9          | 40 | 70    | 46 |
| 4.461.001   | Clasp ø40 |                             | 25-46    | 12         | 58 | 97    | 68 |
| 4.462.001   | Clasp ø75 |                             | 47-73    | 13         | 60 | 126,5 | 95 |

## Accessories



## Locking systems

Locks  
Latches

## Hinges

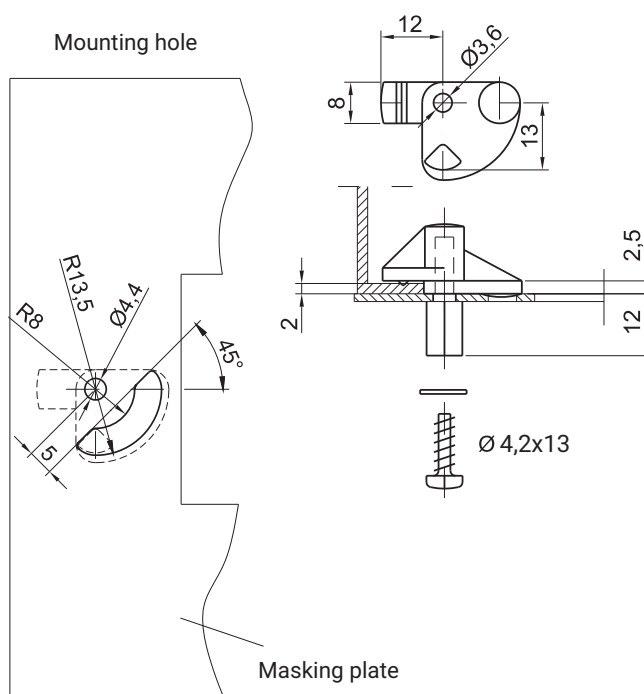
## Clamps

5

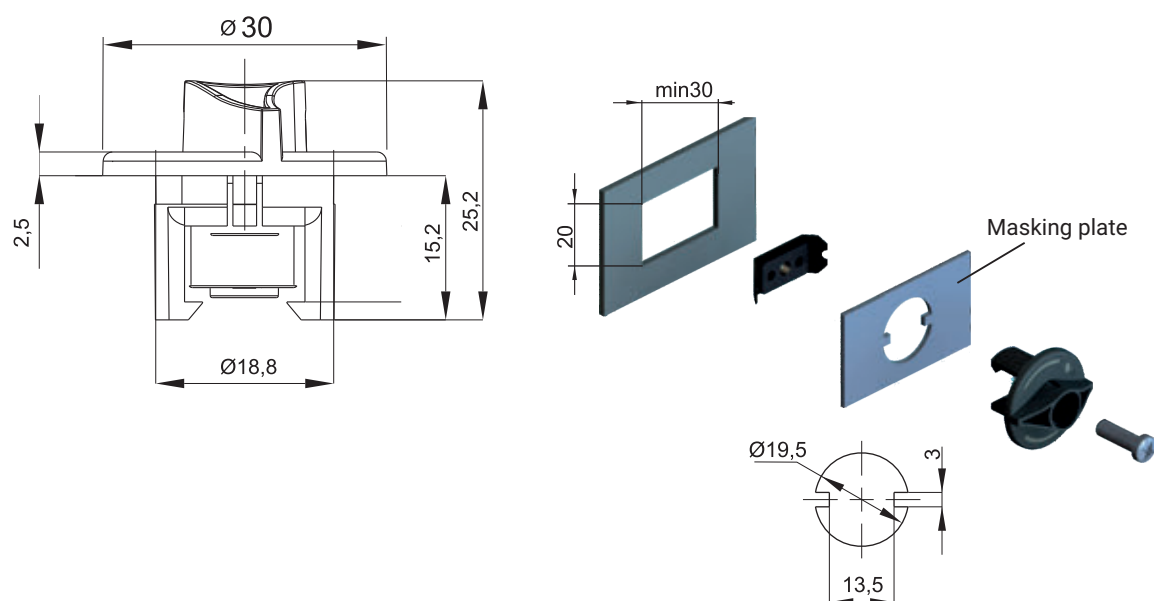
## Accessories

## Gasketing profiles

Custom  
products

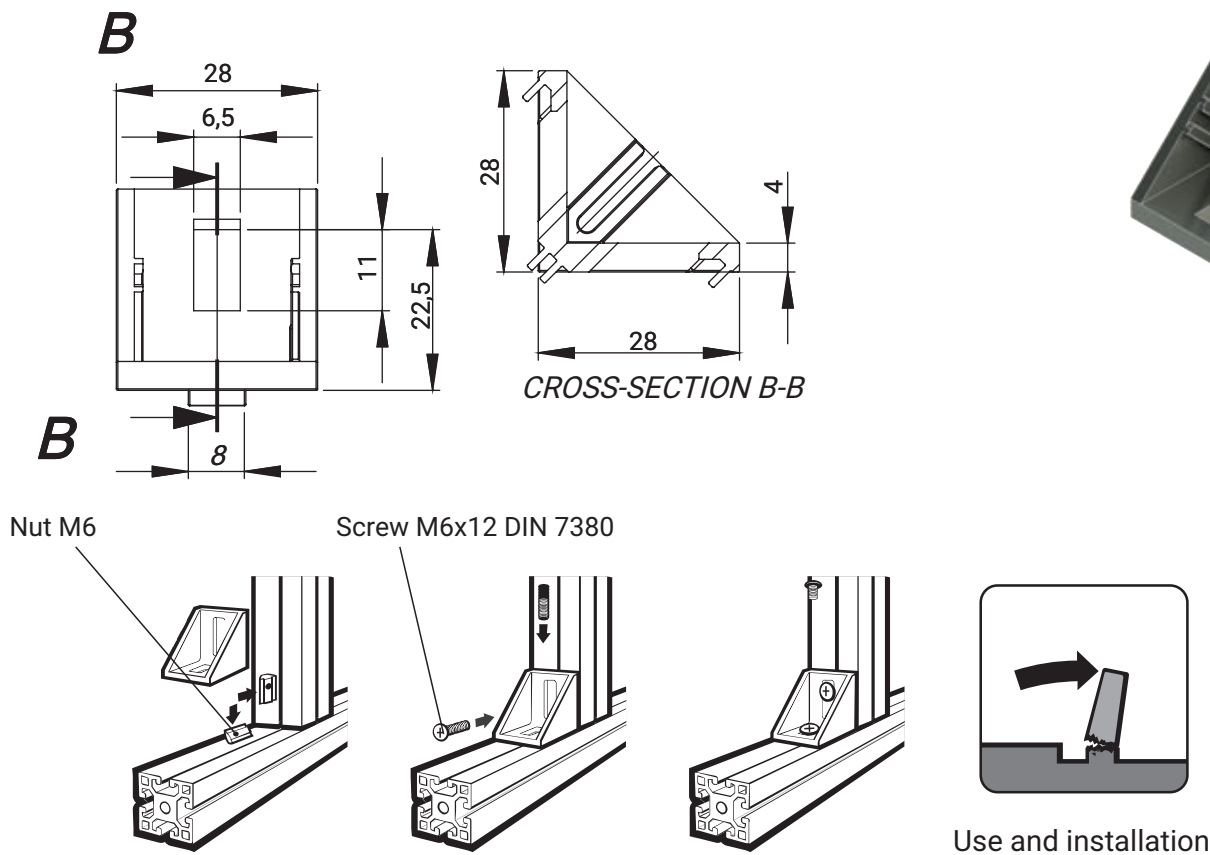


| CAT. NUMBER | NAME                 | MATERIAL  |
|-------------|----------------------|-----------|
| 4.415.001   | Masking plate holder | Polyamide |



| CAT. NUMBER | NAME                 | MATERIAL  |
|-------------|----------------------|-----------|
| 4.414.001   | Masking plate holder | Polyamide |

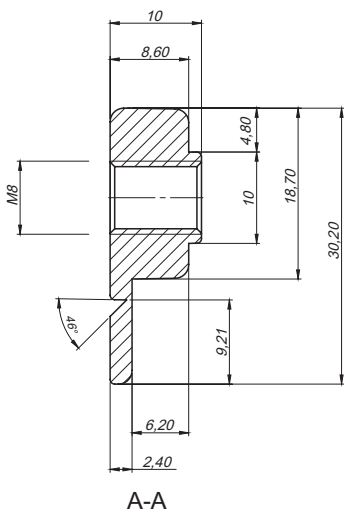
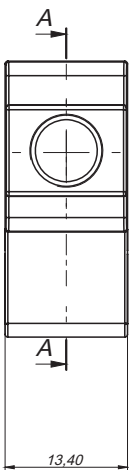
\* possibility order parts according to RAL



| 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 |

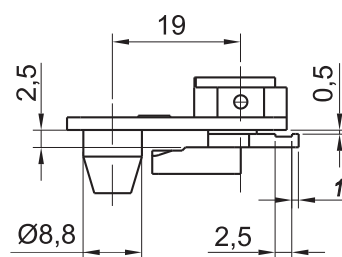
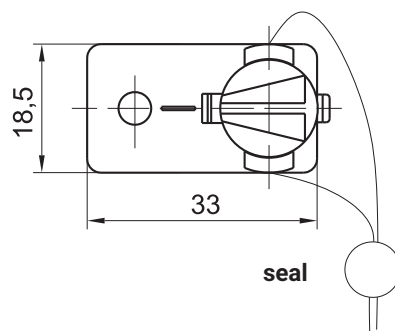
\* possibility to make a different color

Installation nut

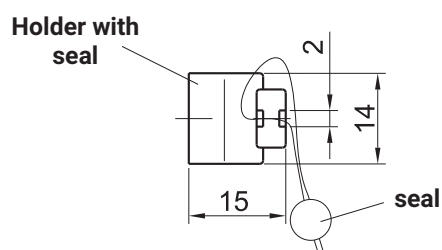
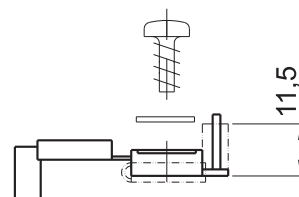
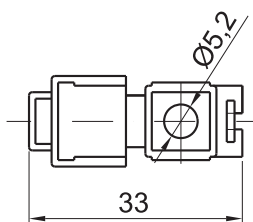


| CAT. NUMBER | MATERIAL |
|-------------|----------|
| 4.501.001   | ZAMAK    |

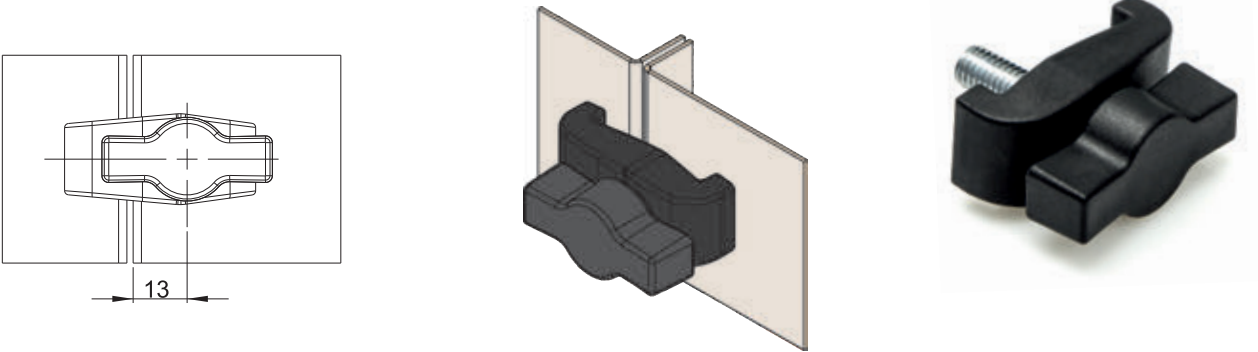




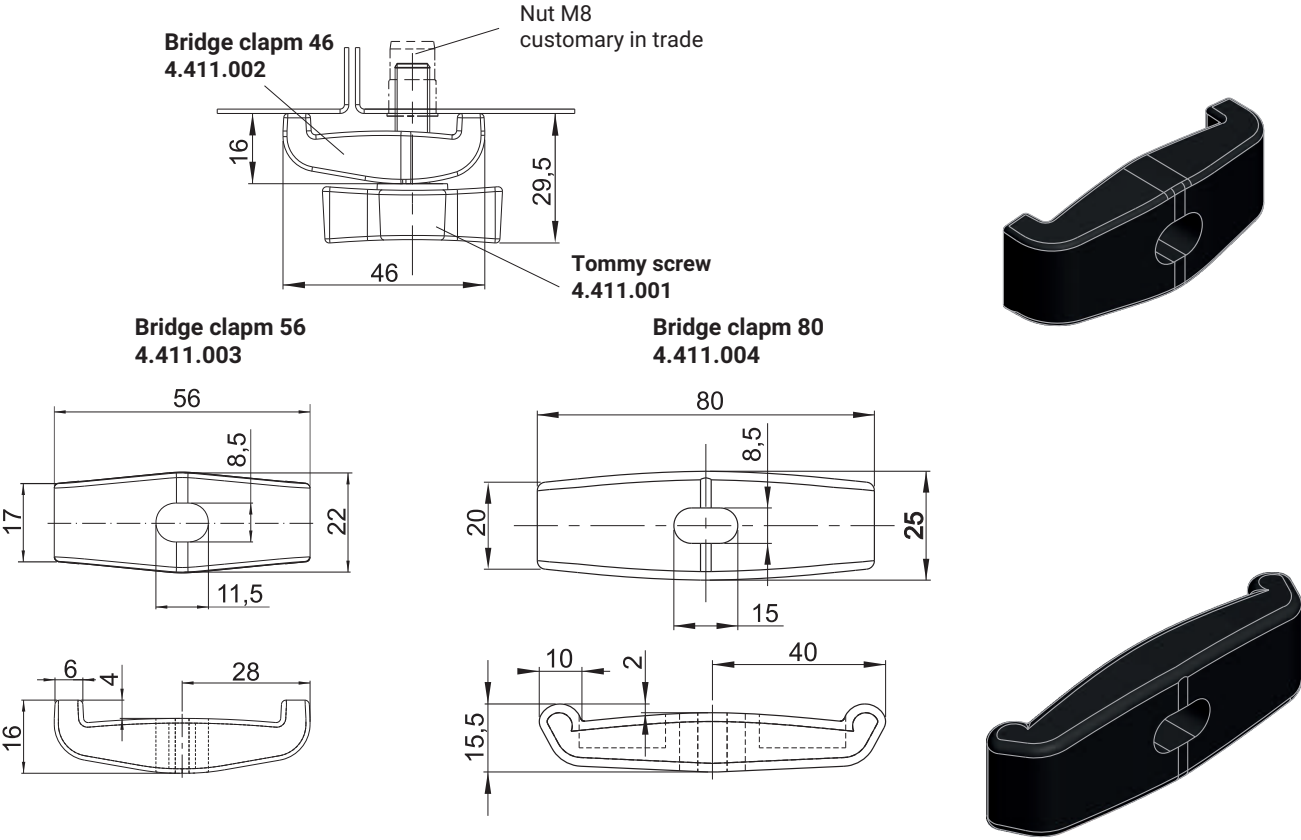
| CAT. NUMBER | NAME             | MATERIAL  |
|-------------|------------------|-----------|
| 4.417.001   | Holder with seal | Polyamide |



| CAT. NUMBER | NAME             | MATERIAL  |
|-------------|------------------|-----------|
| 4.416.001   | Holder with seal | Polyamide |



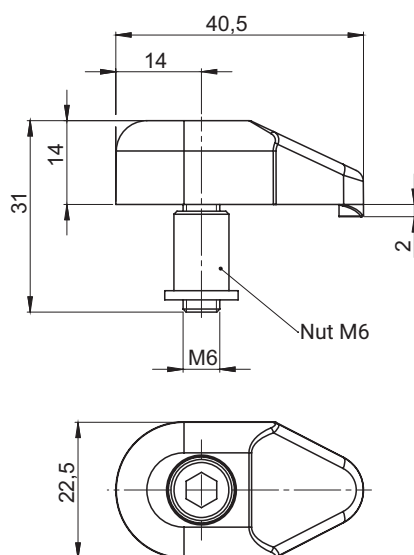
| CAT. NUMBER | NAME        | MATERIAL                                 |
|-------------|-------------|------------------------------------------|
| 4.411.001   | Tommy screw | Polyamide-PA6 GF30 RAL/Steel zinc plated |



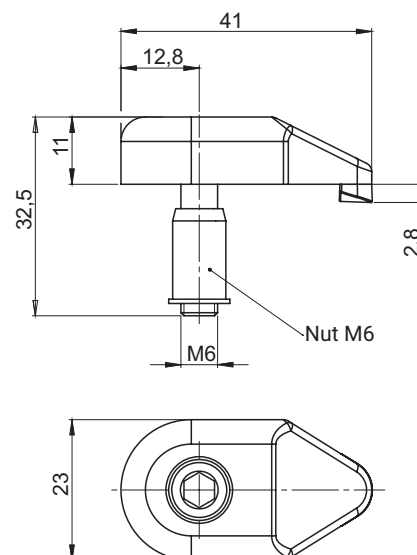
| CAT. NUMBER | NAME            | MATERIAL              |
|-------------|-----------------|-----------------------|
| 4.411.002   | Bridge clamp 46 | Polyamide<br>PA6 Gf30 |
| 4.411.003   | Bridge clamp 56 |                       |
| 4.411.004   | Bridge clamp 80 |                       |



4.419.001

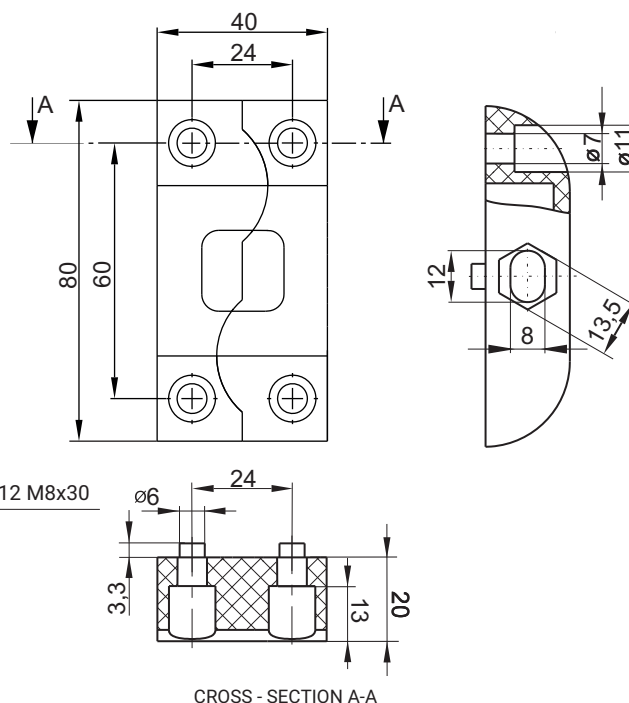
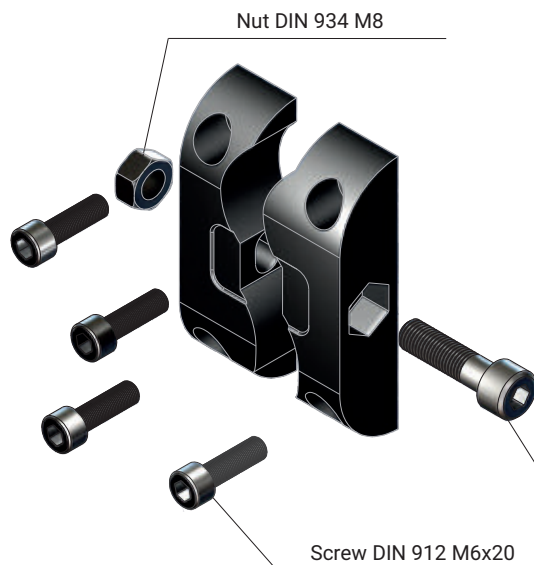


4.419.002



| 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] |
|---------------------|----------------------|------------|
|                     |                      | RAL 9005   |
| Connector 4.429.001 | Polyamide - PA6 GF30 | 07         |

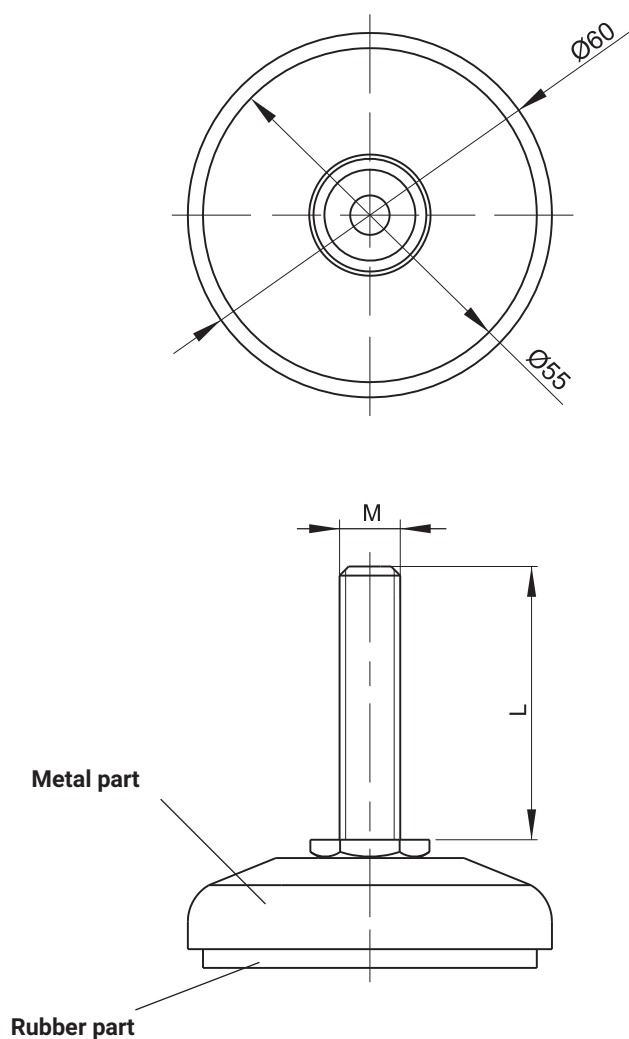
## ADJUSTABLE FEET

4.431.001

4.431.002

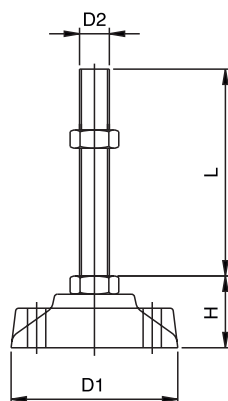
4.431.003

4.431.008



| 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   |
| 4.431.008   | 12        | 100 | Adjustable foot | Steel zinc plated, Rubber |
| 4.431.008SN | 12        | 100 | Adjustable foot | Stainless steel, Rubber   |
| 4.431.009   | 10        | 150 | Adjustable foot | Steel zinc plated, Rubber |
| 4.431.009SN | 10        | 150 | Adjustable foot | Stainless steel, Rubber   |
| 4.431.010   | 12        | 150 | Adjustable foot | Steel zinc plated, Rubber |
| 4.431.010SN | 12        | 150 | Adjustable foot | Stainless steel, Rubber   |

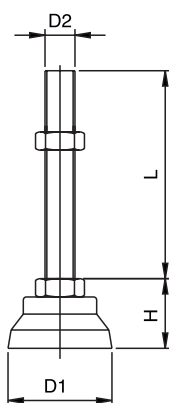
## 4.510.001



| 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



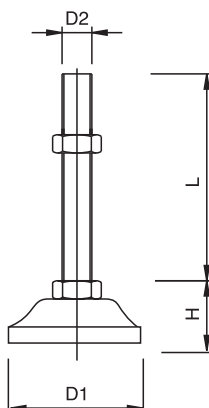
| NAME            | COMPONENTS |      |    | MATERIAL            |       |
|-----------------|------------|------|----|---------------------|-------|
| Adjustable foot | Screw      |      |    | Steel zinc plated   |       |
|                 | Base       |      |    | Polyamide           |       |
| 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   |            | 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

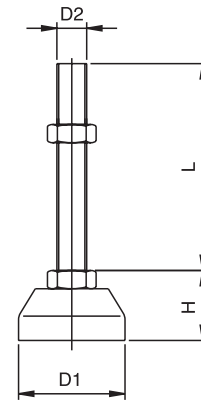
| NAME            | COMPONENTS |     |    | MATERIAL            |        |
|-----------------|------------|-----|----|---------------------|--------|
| Adjustable foot | Screw      |     |    | Stainless steel 304 |        |
|                 | Base       |     |    | Stainless steel 304 |        |
| 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,<br>200,250    | 600kg |  |
| 4.513.002.XXX   |            | M20  | 46 | 75,100,150,<br>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   | 75         | M16  | 42 | 100,150                | 600kg |  |
| 4.513.006.XXX   |            | M20  | 46 | 100,150                | 800kg |  |

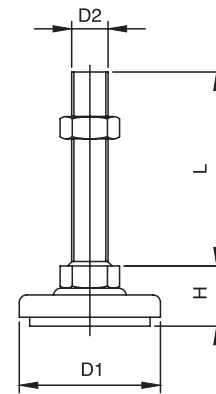
: where XXX=L



## 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<br>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 |  |

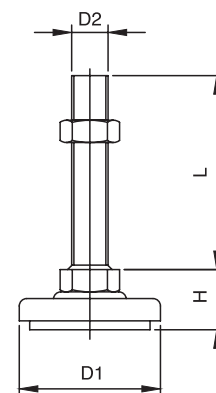
: where XXX=L



## 4.515.001

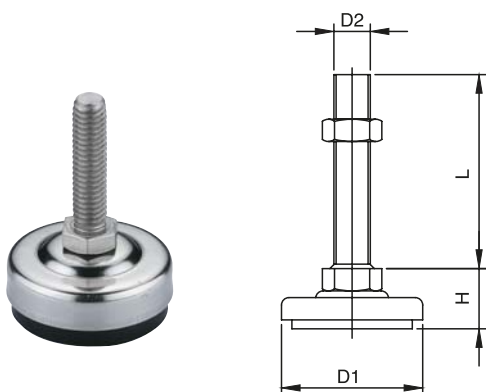
| NAME            | COMPONENTS |      |    | MATERIAL                                 |       |  |
|-----------------|------------|------|----|------------------------------------------|-------|--|
| Adjustable foot | Screw      |      |    | Steel zinc plated                        |       |  |
|                 | 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<br>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



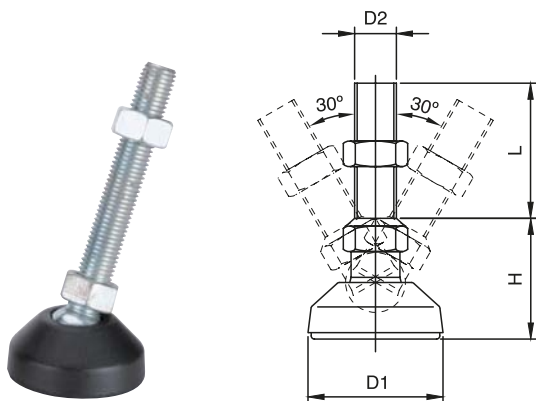
TX-102-2

## 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 |

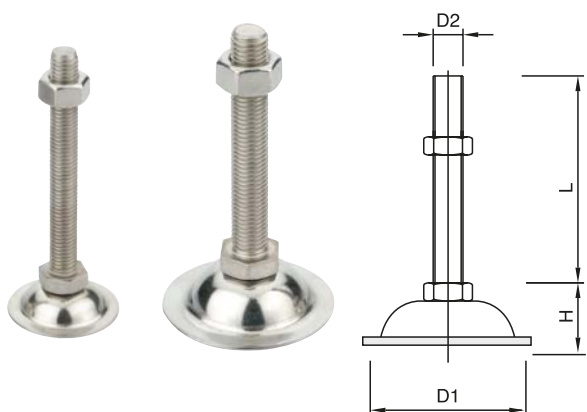
: where XXX=L

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 |

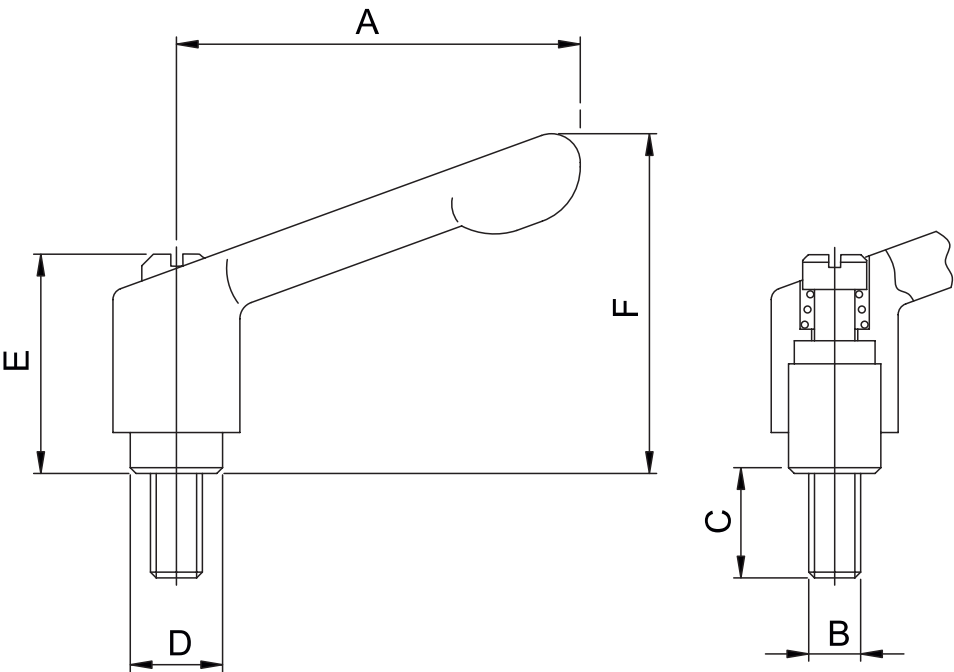
: where XXX=L

## 4.518.001



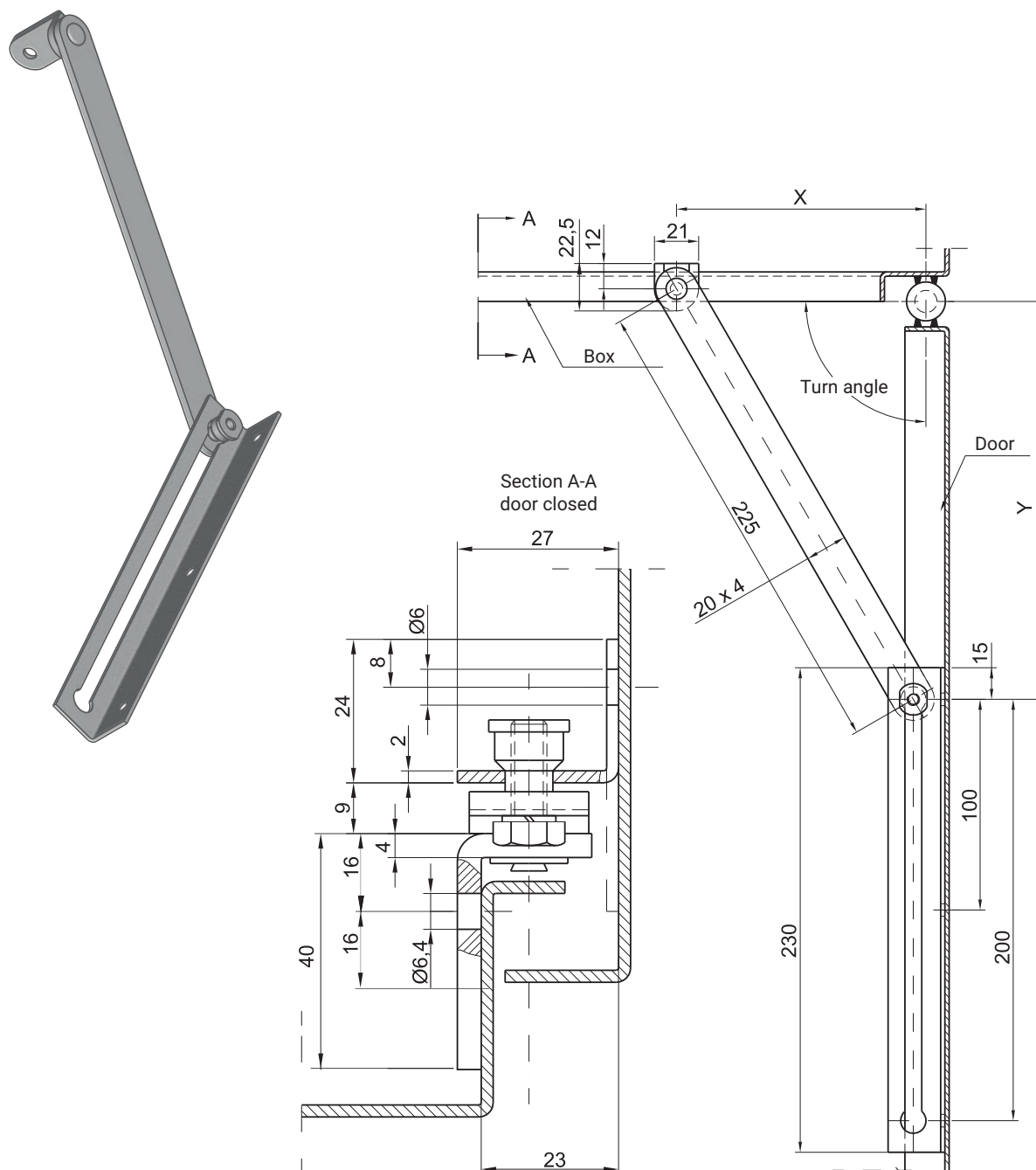
| NAME            | COMPONENTS |      |    | MATERIAL            |       |
|-----------------|------------|------|----|---------------------|-------|
| Adjustable foot | Screw      |      |    | Stainless steel 304 |       |
|                 | Base       |      |    | Stainless steel 304 |       |
| 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

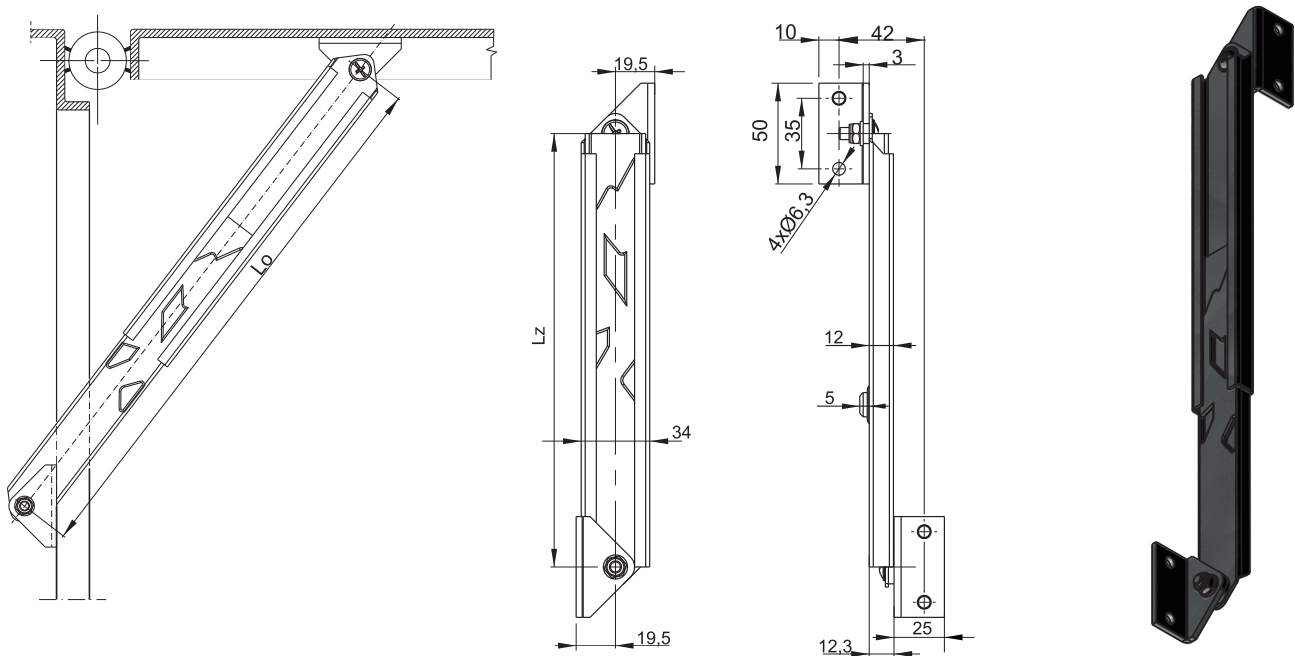


| (mm)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   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| Adjustable lever                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       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| CAT. NUMBER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   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| 4.530.A.B.C-X<br><div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div><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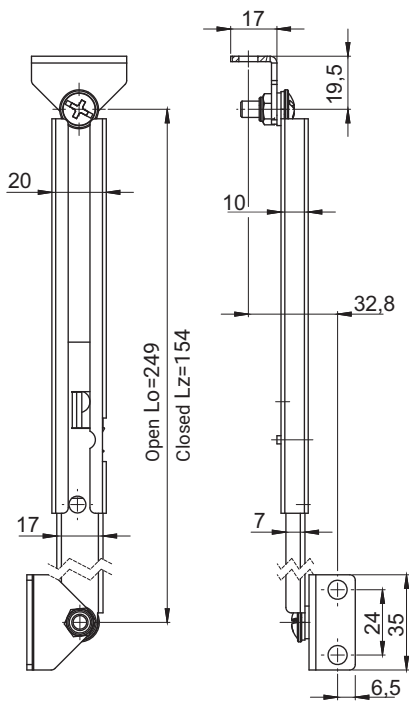
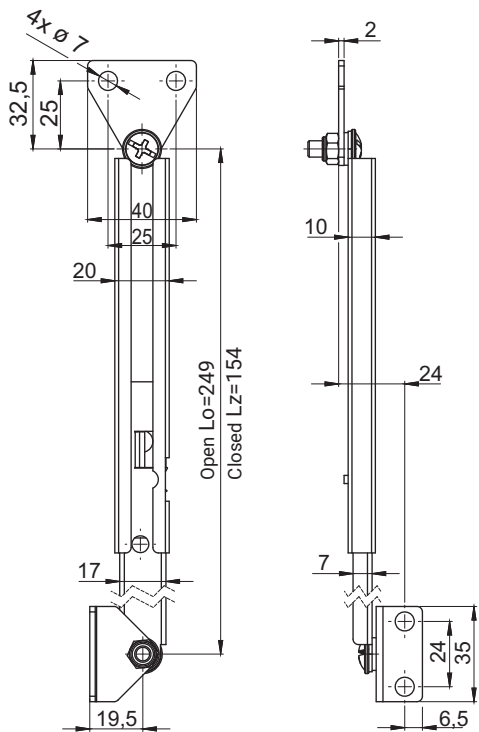
| CAT. NUMBER | NAME          | MATERIAL          | TURN ANGLE | DIMENSION [mm] |     | MIN. DOOR WIDTH |
|-------------|---------------|-------------------|------------|----------------|-----|-----------------|
|             |               |                   |            | X              | Y   |                 |
| 4.401.001   | Door blockade | Steel zinc plated | 90°        | 140            | 176 | 399             |
|             |               |                   | 105°       | 120            | 162 | 385             |
|             |               |                   | 120°       | 110            | 149 | 372             |
|             |               |                   | 135°       | 100            | 144 | 367             |



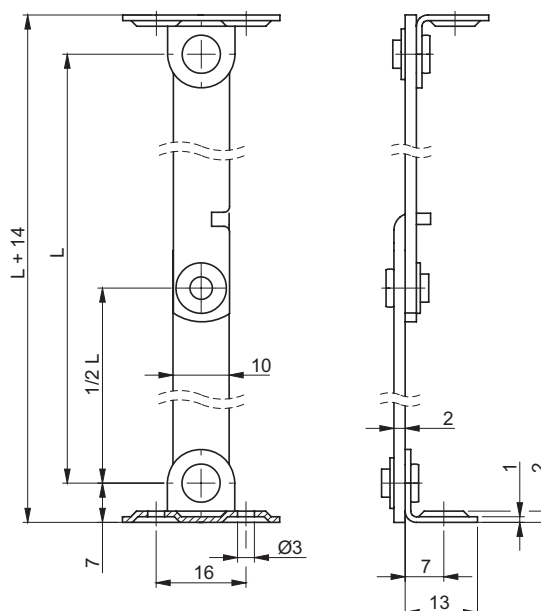
| CAT. NUMBER | NAME                | MATERIAL          | Lz - closed | Lo - open |
|-------------|---------------------|-------------------|-------------|-----------|
| 4.401.101   | Telescopic blockade | Steel zinc plated | 215         | 335       |
| 4.401.102   |                     |                   | 395         | 695       |

Version A

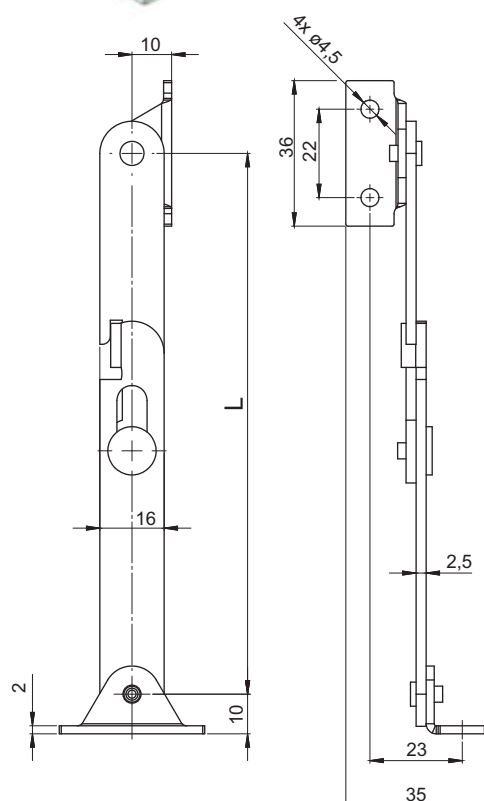
Version B



| CATALOGUE NO. | VERSION | DETAL                  | VERSION | MATERIAL          |
|---------------|---------|------------------------|---------|-------------------|
| 4.401.105     | A       | Telescopic<br>blockade | Left    | Steel zinc plated |
| 4.401.106     |         |                        | Right   |                   |
| 4.401.107     | B       |                        | Left    |                   |
| 4.401.108     |         |                        | Right   |                   |

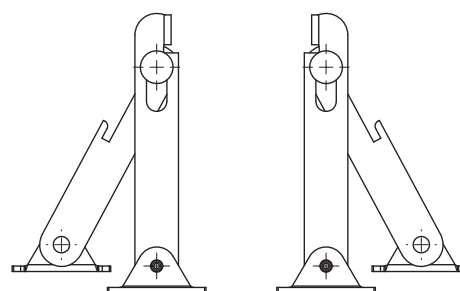


| CATALOGUE NUMBER | Dimension L [mm] | MATERIAL          |
|------------------|------------------|-------------------|
| 4.401.200        | 292              | Steel zinc plated |
| 4.401.201        | 252              |                   |
| 4.401.202        | 202              |                   |
| 4.401.203        | 135              |                   |
| 4.401.200SN      | 292              | Stainless steel   |
| 4.401.201SN      | 252              |                   |
| 4.401.202SN      | 202              |                   |
| 4.401.203SN      | 135              |                   |



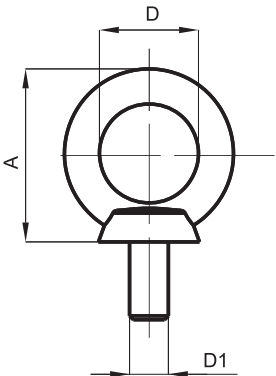
Left version

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   | 202 | Steel zinc plated |
| 4.401.303SN   |         |     | Stainless steel   |
| 4.401.304     | Left    | 135 | 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   |

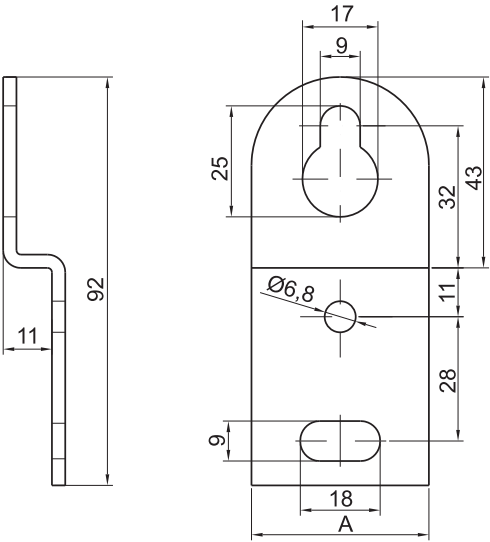
Screw 4.430. ...



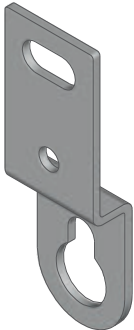
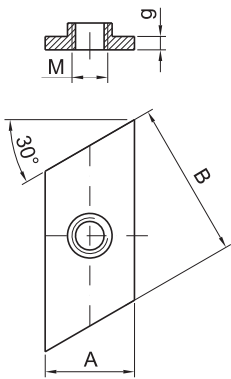
| Version   | D1  | A    | D     |
|-----------|-----|------|-------|
| 4.430.001 | M8  | 37   | ø20,5 |
| 4.430.002 | M10 | 44,5 | ø25,5 |
| 4.430.003 | M12 | 53,5 | ø29,8 |
| 4.430.004 | M14 | 64   | ø34,5 |
| 4.430.005 | M16 | 64   | ø34,5 |

| CAT. NUMBER | MATERIAL          |
|-------------|-------------------|
| 4.430....   | Steel zinc plated |

BOX HOLDER  
4.410....



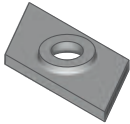
TRAPEZIUM NUT  
4.409....



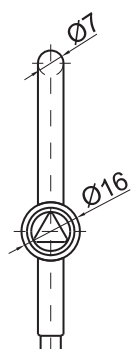
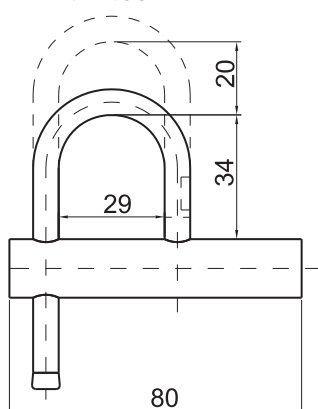
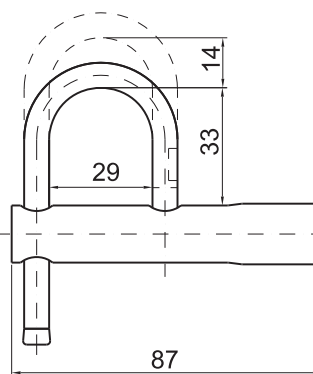
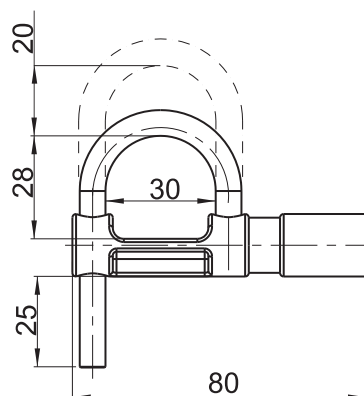
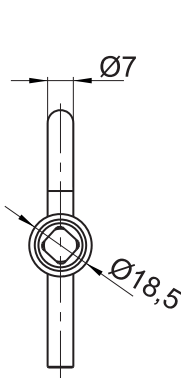
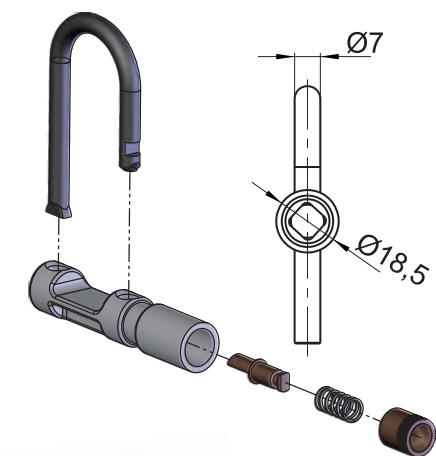
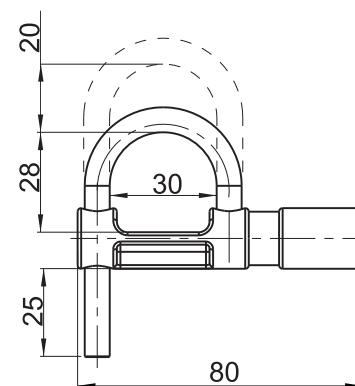
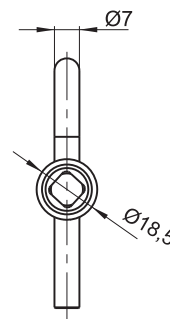
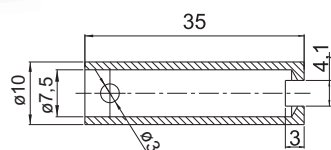
BOX HOLDER  
LOWER



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   |               |                   | 40 | 3   | - | -  |

stainless  
steel**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****INSERTS [X]****4.KD.001, 4.KDSN.001, 4.KDZN.001**

T9



KW8



KW6



C9

| 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       |

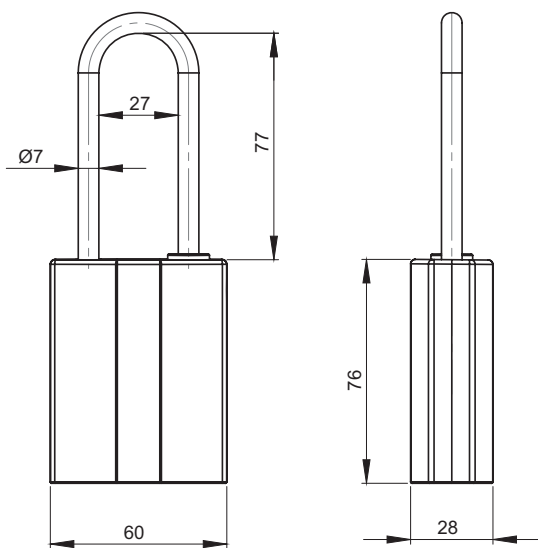
**How to order :**

Type of lock

Type of insert [X]

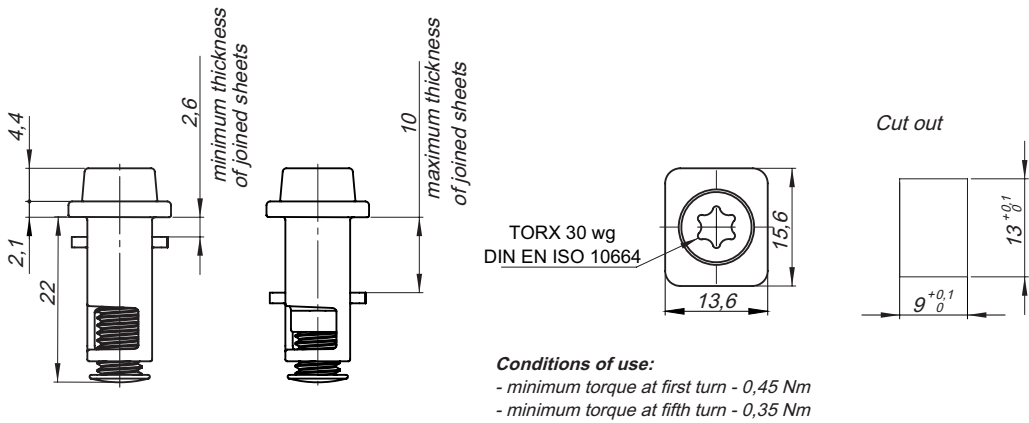
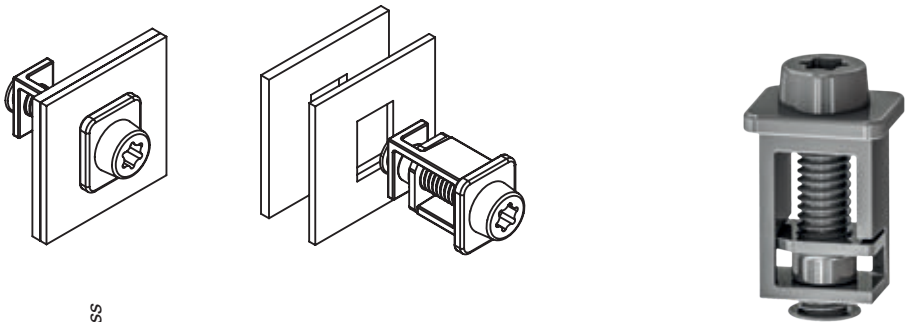
4.KDZN.001 — KW8

Padlock 4.KDZN.100  
Quick connector 4.600



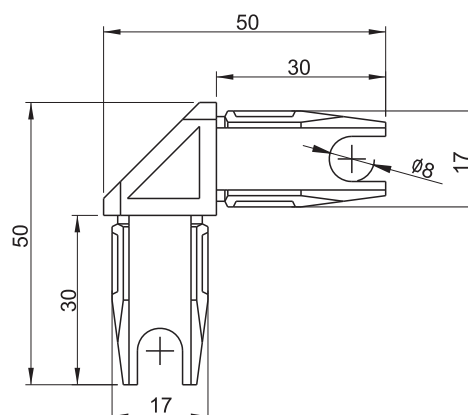
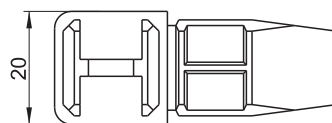
| CATALOGUE NUMBER | COMPONENTS | MATERIAL          | FINISH [C] |
|------------------|------------|-------------------|------------|
|                  |            |                   | RAL9005    |
| 4.KDZN.100       | Body       | ZAMAK             | 04         |
|                  | Shackle    | Steel zinc plated | -          |

Paddlock is equipped with a special shaped insert type D13.

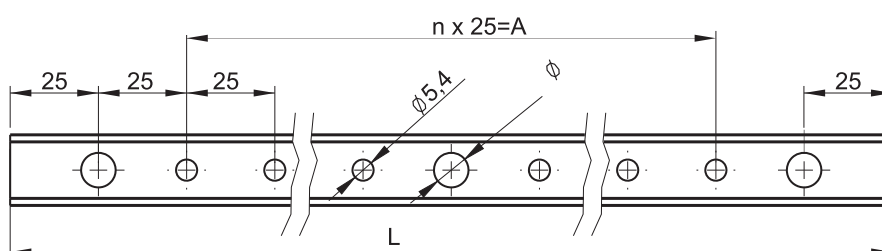
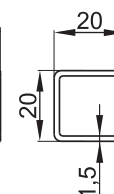
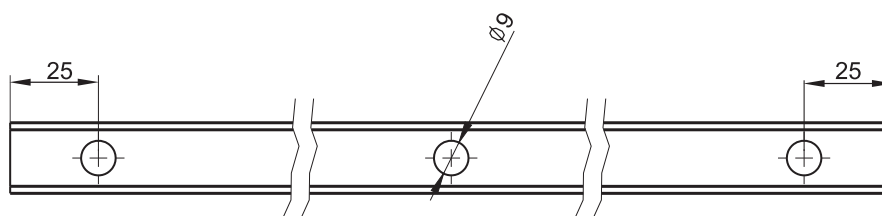
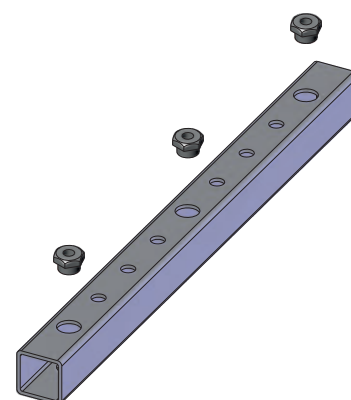


Conditions of use:  
- minimum torque at first turn - 0,45 Nm  
- minimum torque at fifth turn - 0,35 Nm

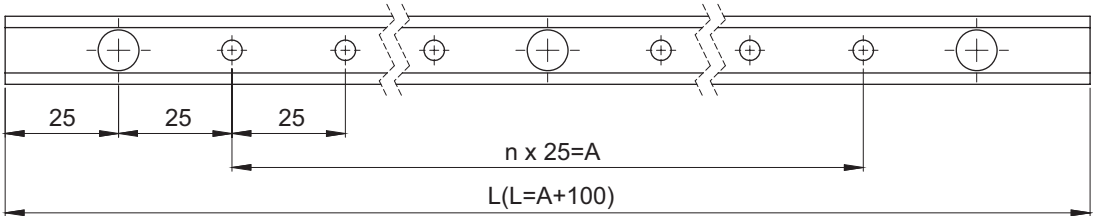
| CATALOGUE NUMBER | COMPONENTS | MATERIAL          |
|------------------|------------|-------------------|
| 4.600.001        | Body       | Znal zinc plated  |
|                  | Screw, Nut | Steel zinc plated |

Frame connector **4.422.001**

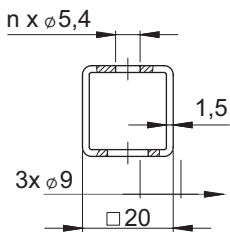
Profile



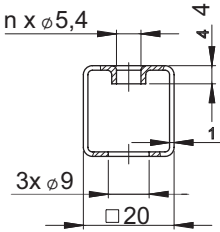
| CAT. NUMBER   | MATERIAL          | NAME            | DIMENSION L | nx25=A         |
|---------------|-------------------|-----------------|-------------|----------------|
| 4.422.001     | Zamak-zinc plated | Frame connector | -           | -              |
| 4.422.002     | Steel zinc plated | Nut M6x         | -           | -              |
| 4.450.01.1850 | Steel zinc plated | Profile         | 1850        | 70 x 25 = 1750 |
| 4.450.01.1650 |                   |                 | 1650        | 62 x 25 = 1550 |
| 4.450.01.1450 |                   |                 | 1450        | 54 x 25 = 1350 |
| 4.450.01.1050 |                   |                 | 1050        | 38 x 25 = 950  |
| 4.450.01.0600 |                   |                 | 600         | 20 x 25 = 500  |
| 4.450.01.0400 |                   |                 | 400         | 12 x 25 = 300  |



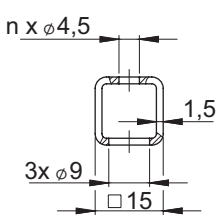
Version 001



Version 002

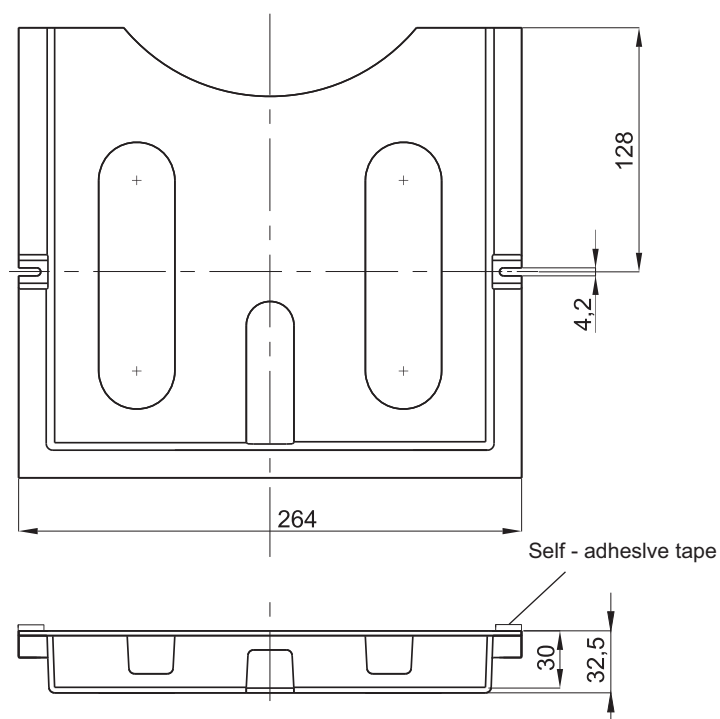


Version 003

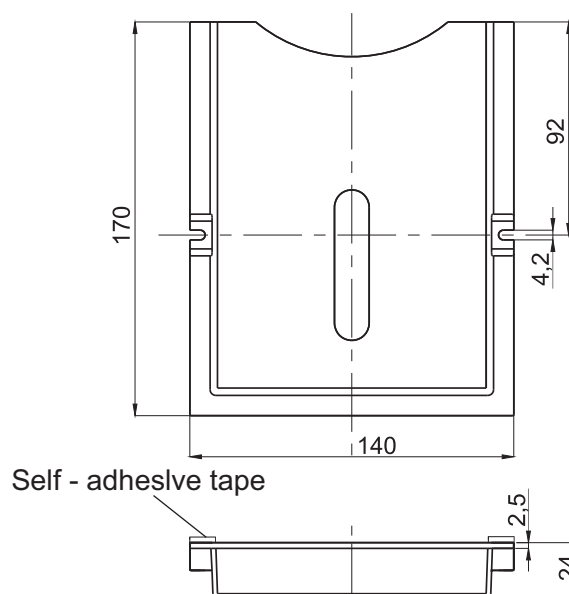


| CATALOGUE NO.  |                |               | DIMENSION<br>L | n x 25 = A     | MATERIAL             |
|----------------|----------------|---------------|----------------|----------------|----------------------|
| VERSION        |                |               |                |                |                      |
| 001            | 002            | 003           |                |                |                      |
| -              | 4.450.002.1900 | -             | 1900           | 72 x 25 = 1850 | Steel zinc<br>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  |                      |

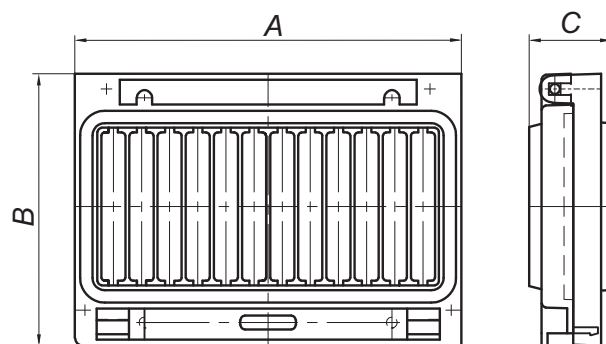


Pocket A4 **4.420.001**

| CATALOGUE NUMBER | NAME               | MATERIAL | FINISH [C]     |
|------------------|--------------------|----------|----------------|
| 4.420.001        | Document pocket A4 | ABS      | RAL 7035<br>08 |

Pocket A6 **4.420.002**

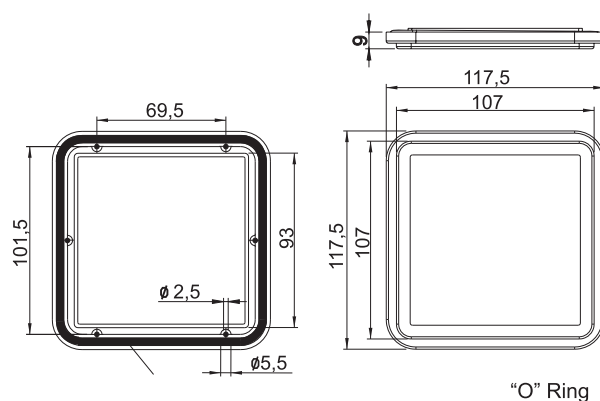
| CATALOGUE NUMBER | NAME               | MATERIAL | FINISH [C]     |
|------------------|--------------------|----------|----------------|
| 4.420.002        | Document pocket A6 | ABS      | RAL 7035<br>08 |



| 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 |

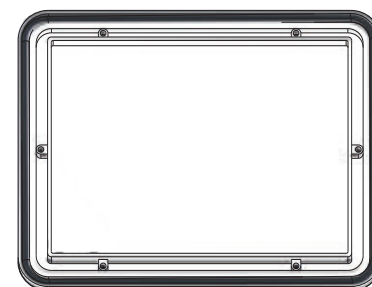
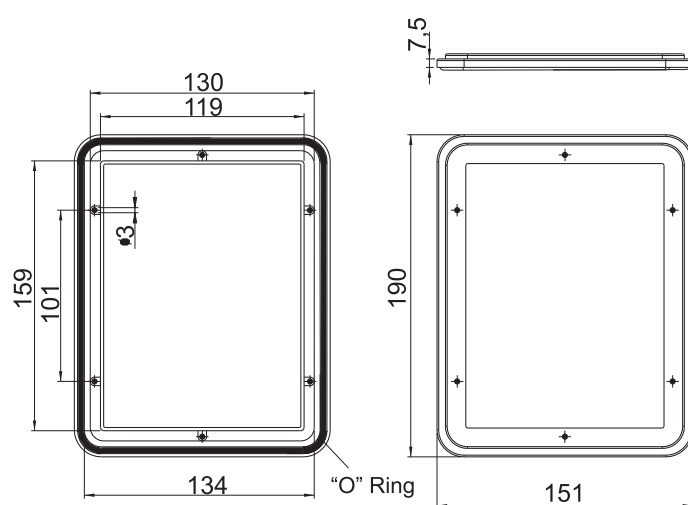


WINDOW 117 x 117

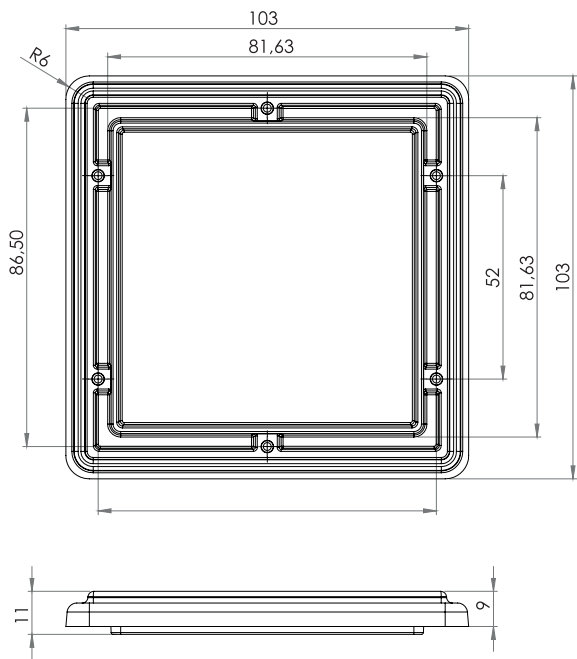


| CAT. NUMBER | NAME             | MATERIAL      |
|-------------|------------------|---------------|
| 4.423.001   | Window 117 x 117 | Polycarbonate |

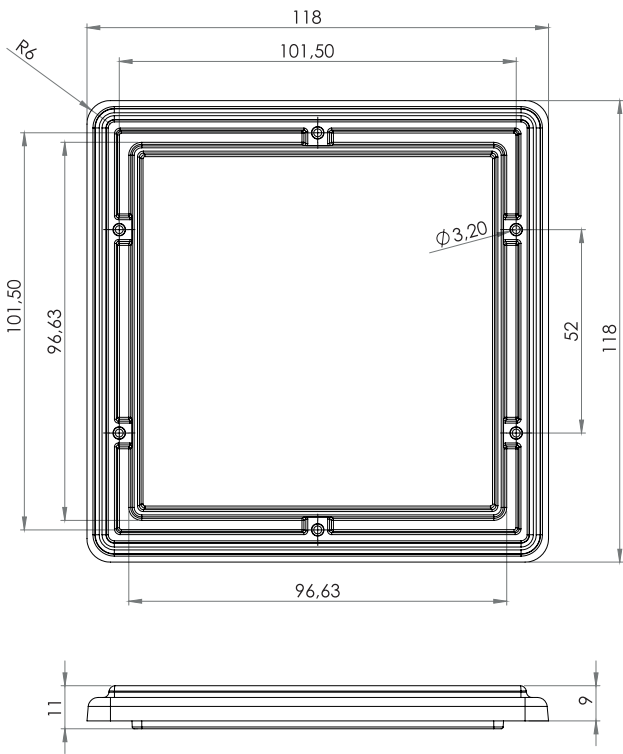
WINDOW 151 x 190



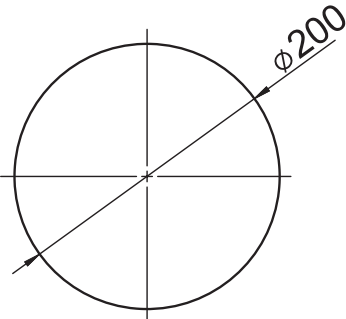
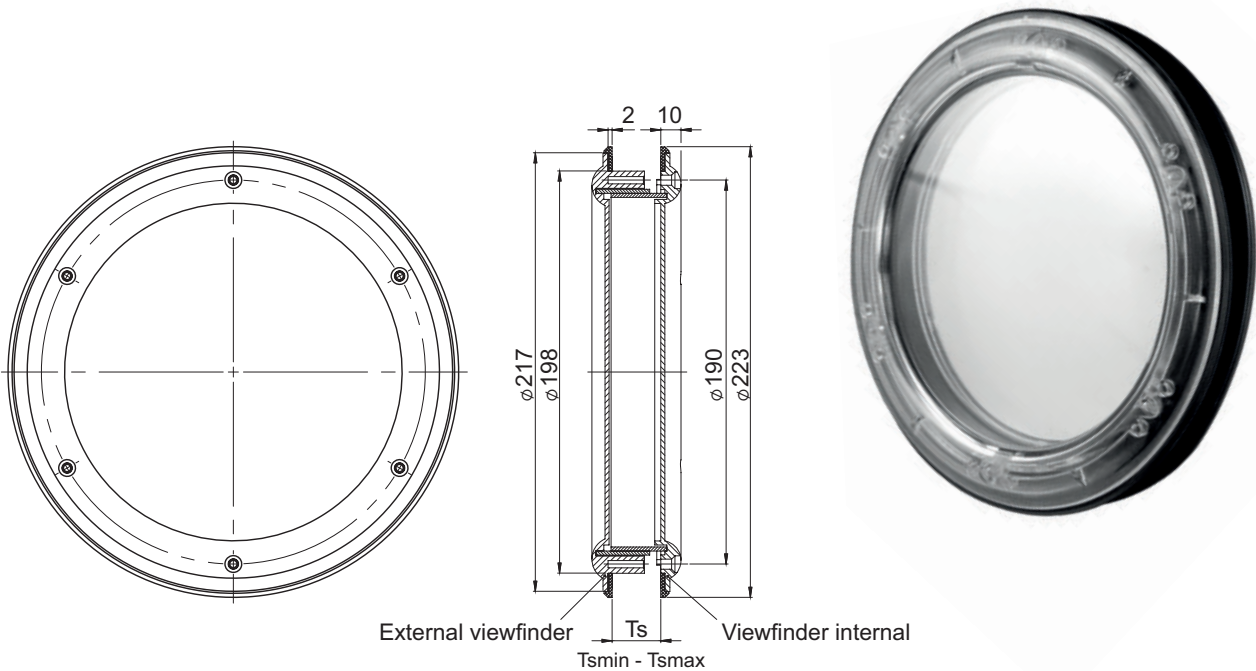
| CAT. NUMBER | NAME             | MATERIAL      |
|-------------|------------------|---------------|
| 4.423.002   | Window 151 x 190 | Polycarbonate |



| CAT. NUMBER | COLOUR      | MATERIAL      |
|-------------|-------------|---------------|
| 4.423.003   | Transparent | Polycarbonate |



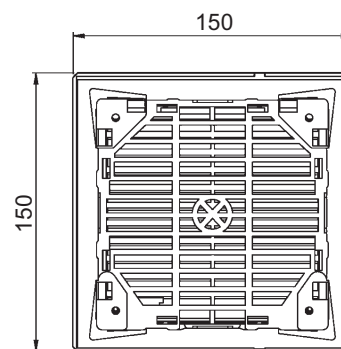
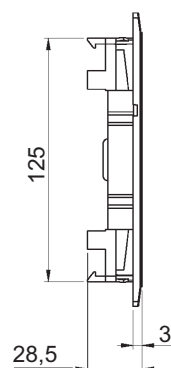
| CAT. NUMBER | COLOUR      | MATERIAL      |
|-------------|-------------|---------------|
| 4.423.004   | Transparent | Polycarbonate |



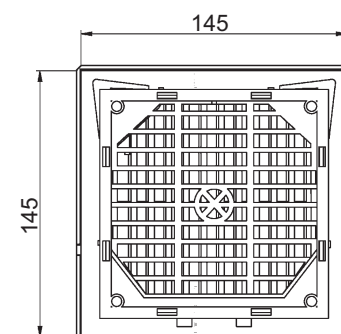
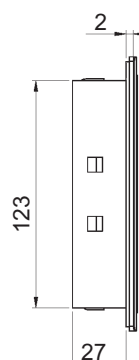
cut out

| CATALOGUE NO. | DIMENSION Ts | 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     |                   | Adjusting ring | Poliamid      |

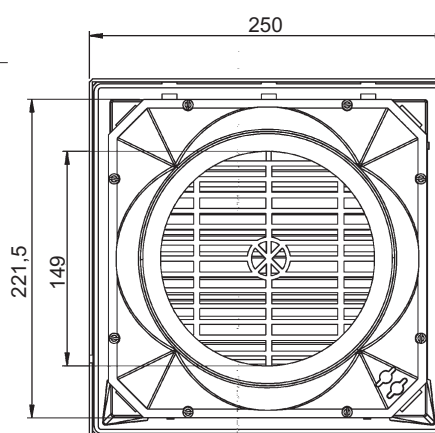
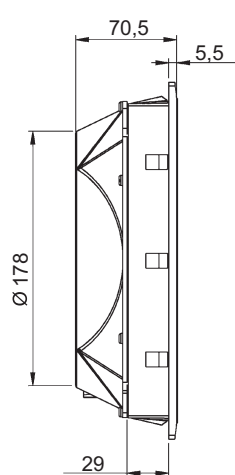
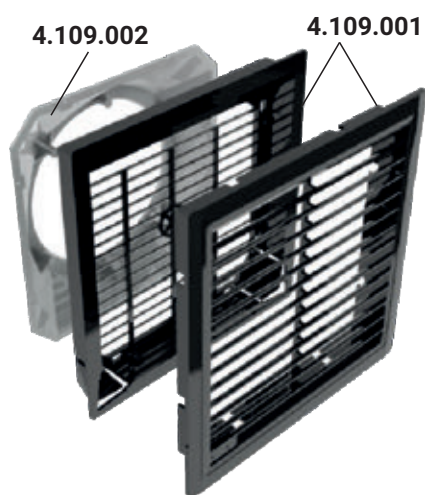
Tsmin - Tmax - the range of thickness adjustment of inspection window



| 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      |            |          |

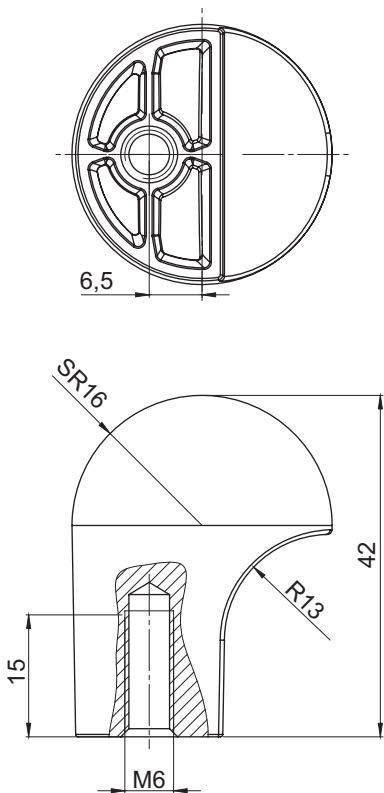
How to order:

Catalogue number

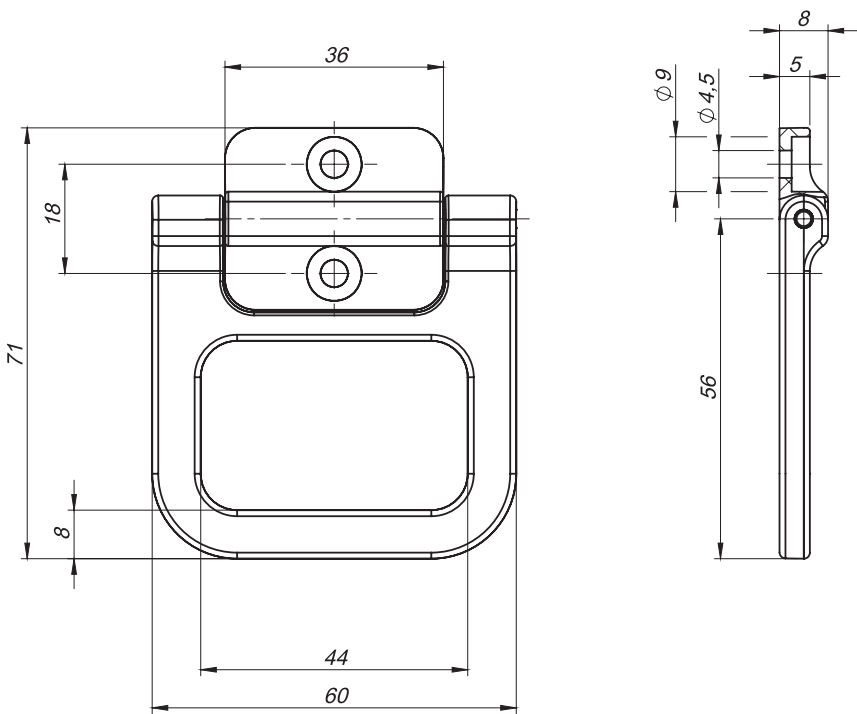
Finish

4.107.001

C



| CATALOGUE NO. | DETAL  | MATERIAL | FINISH [C] |    |
|---------------|--------|----------|------------|----|
|               |        |          | Chrome     | 01 |
|               |        |          | Brass      | 12 |
|               |        |          | No coating | 0  |
| 4.250.001     | Handle | ZAMAK 5  |            |    |



| CATALOGUE NO. | COMPONENTS   | MATERIAL          | FINISH [C] |
|---------------|--------------|-------------------|------------|
|               |              |                   | RAL 9005   |
| 4.444.005     | Holder, Base | Polyamide         | 07         |
|               | Pin          | Steel zinc plated | -          |



4.440.001

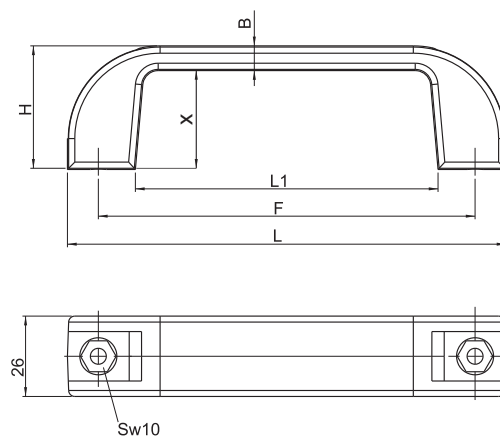
4.440.002

4.440.003

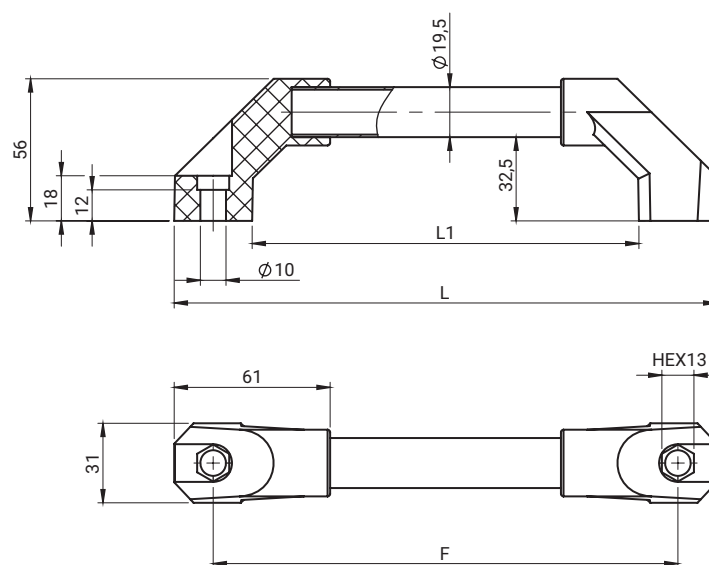


4.440.004

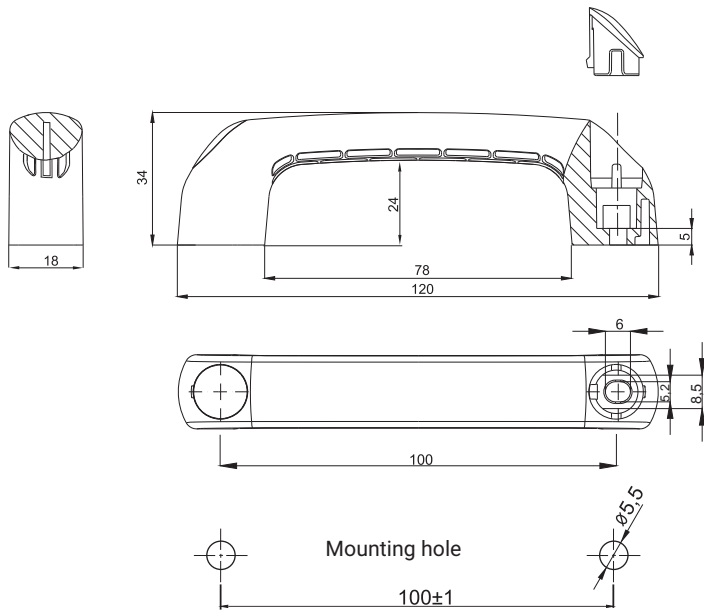
4.440.005



| 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<br>GF30 | 07         |
| 4.440.002   | 134       | 114  | 88,5 | 45 | 10,50 | 34 |                   |            |
| 4.440.003   | 144       | 122  | 94   | 42 | 12    | 30 |                   |            |
| 4.440.004   | 150       | 131  | 108  | 45 | 7     | 38 |                   |            |
| 4.440.005   | 170       | 150  | 118  | 54 | 7     | 42 |                   |            |



| CAT. NUMBER | DIMENSION |     |     | MATERIAL                            | HOLDER FINISH [C] |
|-------------|-----------|-----|-----|-------------------------------------|-------------------|
|             | F         | L   | L1  |                                     | RAL 9005          |
| 4.441.001   | 200       | 224 | 154 | Holder Polyamide<br>Handle Aluminum | 07                |
| 4.441.002   | 300       | 324 | 254 |                                     |                   |
| 4.441.003   | 400       | 424 | 354 |                                     |                   |
| 4.441.004   | 500       | 524 | 454 |                                     |                   |



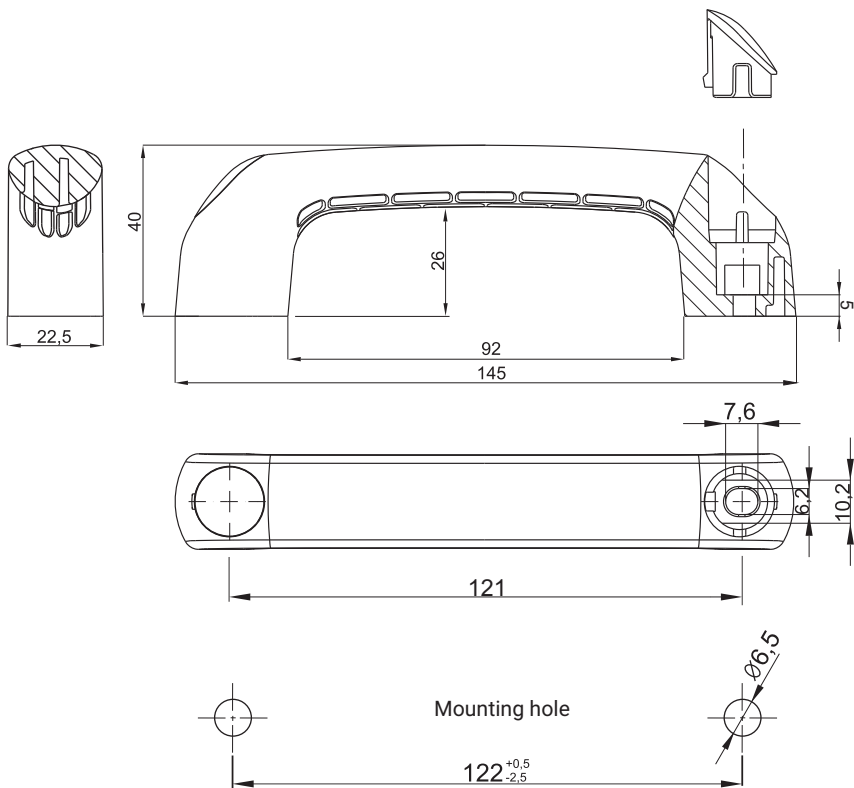
Handle PA 4.444.001



| PLUG COLORS |        |
|-------------|--------|
| 01          | black  |
| 02          | blue   |
| 03          | red    |
| 04          | green  |
| 05          | yellow |
| 06          | grey   |

| CAT. NUMBER  | MATERIAL                    | LOAD CAPACITY |
|--------------|-----------------------------|---------------|
| 4.444.001... | Polyamide PA6 GF30 RAL 9005 | 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  | MATERIAL                    | LOAD CAPACITY |
|--------------|-----------------------------|---------------|
| 4.444.002... | Polyamide PA6 GF30 RAL 9005 | 54 kg         |

Note: handle colors on request

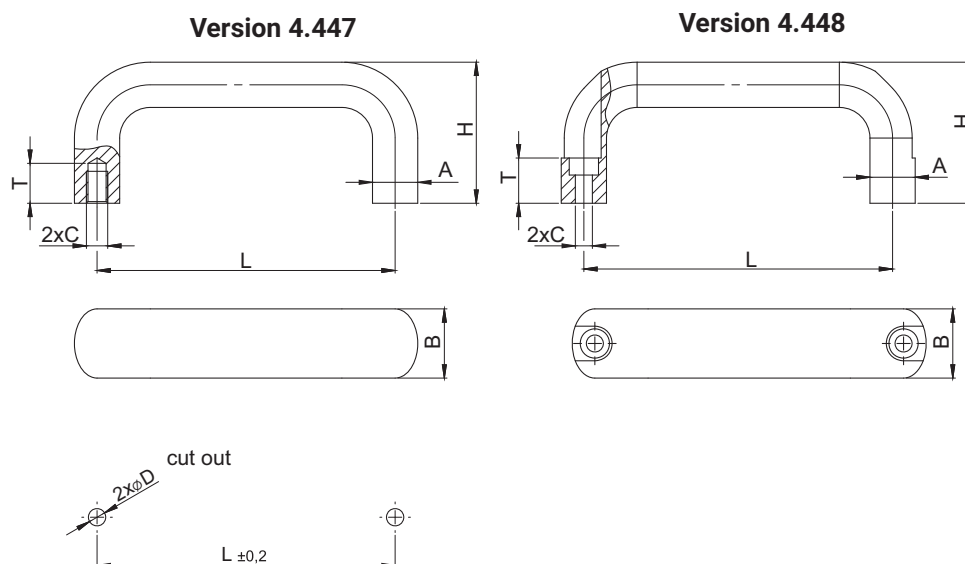
How to order:

Catalogue number 4.444.001 — C

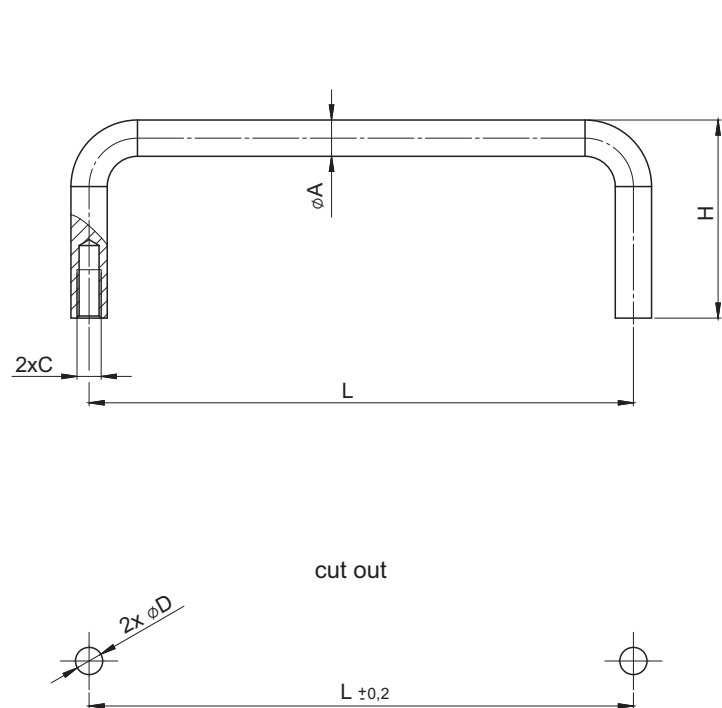
Plug color \_\_\_\_\_

| Mounting screws | 4.444.001 M5 | 4.444.002 M6 |
|-----------------|--------------|--------------|
|                 | DIN 933      |              |
|                 | DIN 7984     |              |
|                 | DIN 965      |              |
| Mounting screws | DIN 84       |              |

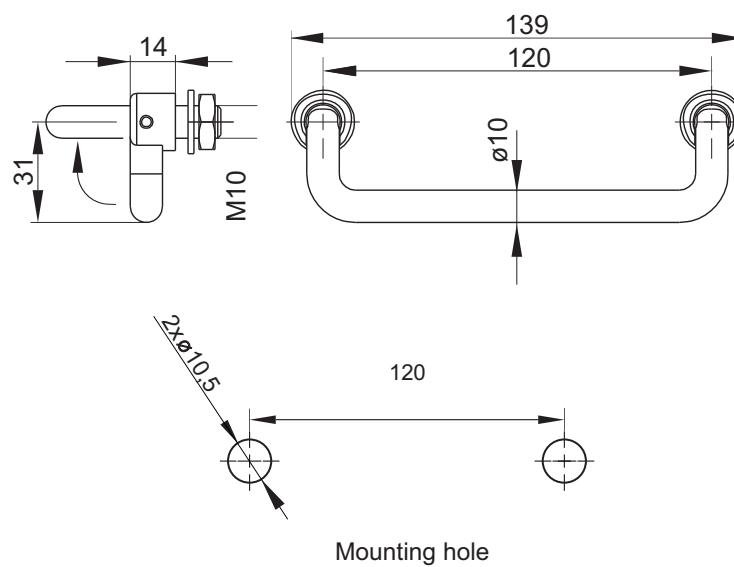




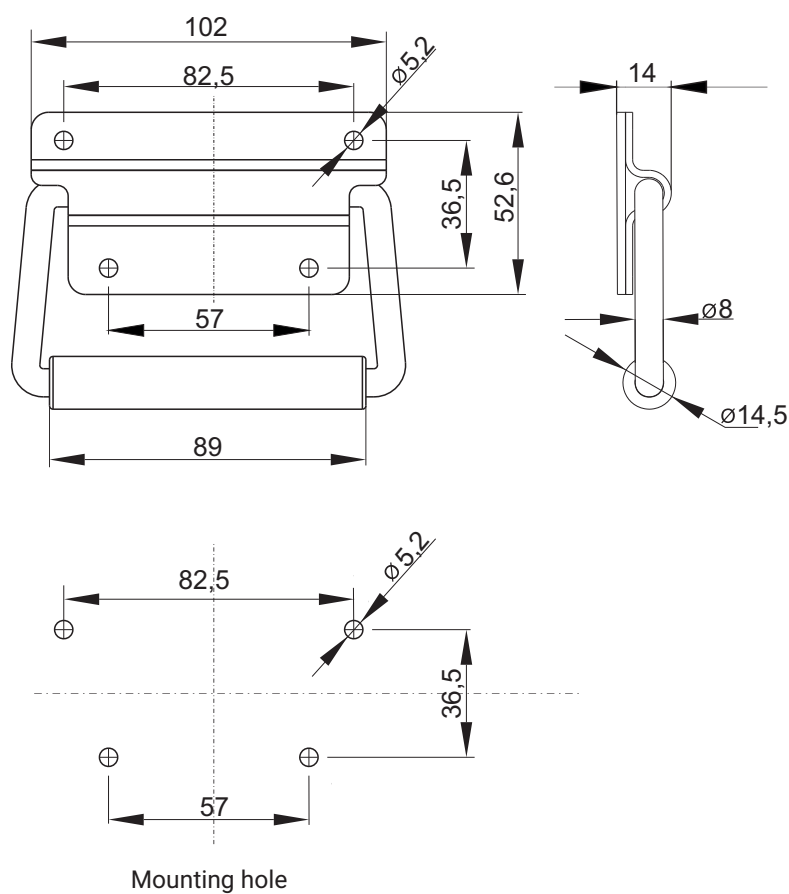
| CATALOGUE NO. | DIMENSIONS |    |    |    |    |      |     | MATERIAL              | FINISH  |
|---------------|------------|----|----|----|----|------|-----|-----------------------|---------|
|               | L          | H  | A  | B  | T  | C    | D   |                       |         |
| VERSION 4.447 |            |    |    |    |    |      |     |                       |         |
| 4.447.001     | 100        | 47 | 13 | 20 | 10 | M6   | 6,6 | Aluminum              | Natural |
| 4.447.002     | 112        | 49 |    |    |    |      |     |                       |         |
| 4.447.003     | 128        | 51 |    |    |    |      |     |                       |         |
| 4.447.004     | 160        | 51 |    |    |    |      |     |                       |         |
| 4.447.005     | 112        | 53 | 17 | 26 | 12 | M8   | 9   |                       |         |
| 4.447.006     | 128        | 55 |    |    |    |      |     |                       |         |
| 4.447.007     | 160        | 57 |    |    |    |      |     |                       |         |
| 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 |                       |         |
| 4.447.102     | 112        | 49 |    |    |    |      |     |                       |         |
| 4.447.103     | 128        | 51 |    |    |    |      |     |                       |         |
| 4.447.104     | 160        | 51 | 17 | 26 | 12 | M8   | 9   |                       |         |
| 4.447.105     | 112        | 53 |    |    |    |      |     |                       |         |
| 4.447.106     | 128        | 55 |    |    |    |      |     |                       |         |
| 4.447.107     | 160        | 57 |    |    |    |      |     |                       |         |
| 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 |                       |         |
| 4.447.302     | 112        |    |    |    |    |      |     |                       |         |
| 4.447.303     | 112        |    |    |    |    |      |     | 55                    | 17      |
| 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        |    | 55 | 17 | 26 | 12   | M8  | 9                     |         |
| 4.447.308     | 192        |    |    |    |    |      |     |                       |         |
| 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 | 17 | 26 | 17 | ø6,4 | 6,6 | Aluminum              | Natural |
| 4.448.002     | 132        | 55 |    |    |    |      |     |                       |         |
| 4.448.003     | 164        | 57 |    |    |    |      |     |                       |         |
| 4.448.004     | 196        | 57 |    |    |    |      |     |                       |         |
| 4.448.101     | 116        | 53 |    |    |    |      |     | 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   |

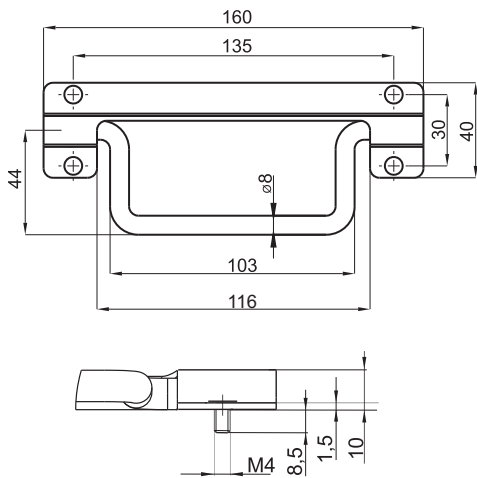


| CAT. NUMBER | COMPONENTS   | MATERIAL        |
|-------------|--------------|-----------------|
| 4.444.003   | Holder, Base | Stainless steel |

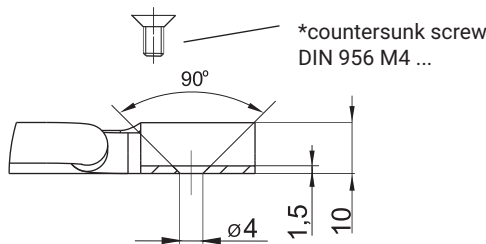


| CAT. NUMBER | COMPONENTS           | MATERIAL          |
|-------------|----------------------|-------------------|
| 4.444.004   | Holder, Base, Spring | Steel zinc plated |

Metal handle 4.442



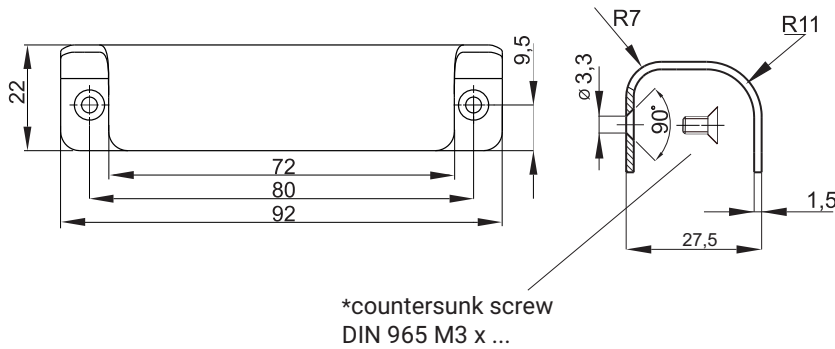
| CAT. NUMBER | COMPONENTS   | MATERIAL          |
|-------------|--------------|-------------------|
| 4.442.001   | Holder, Base | Stainless steel   |
| 4.442.003   | Holder, Base | Steel zinc plated |



\* - 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



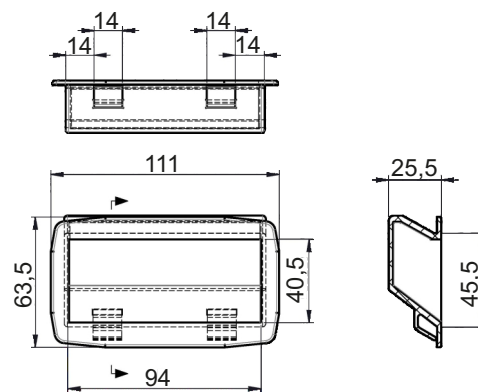
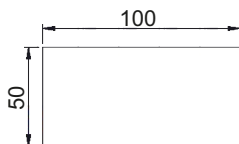
\* - not included in the handle

| 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   | -          | -        |

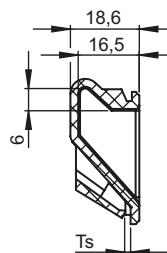
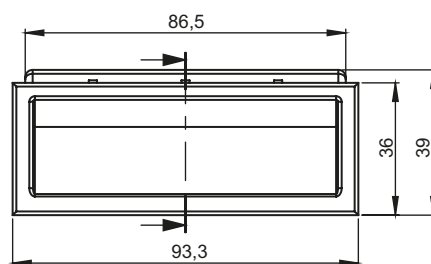
How to order: 4.443.001 — C  
Catalogue number  
Finish



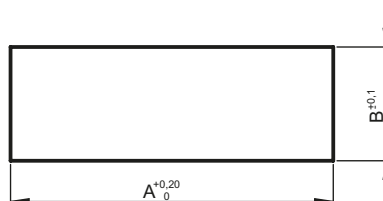
Mounting holes

Thickness of metal sheet  $T_s$ 

| CAT. NUMBER | $T_s$     | MATERIAL      | FINISH [C] |
|-------------|-----------|---------------|------------|
|             |           |               | RAL 9005   |
| 4.102.001   | 1,2 - 1,6 | Polyamide PA6 | 07         |
| 4.102.003   | 0,8 - 1,2 | Polyamide PA6 | 07         |



Mounting holes



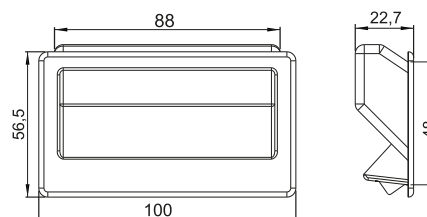
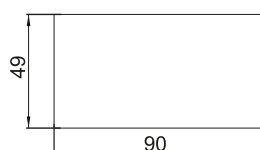
| $T_s$      | A  | B    |
|------------|----|------|
| 1,2 - 1,6  | 87 | 30,7 |
| 1,75 - 2,2 | 87 | 31,5 |

 $T_s$  - Thickness of metal sheet

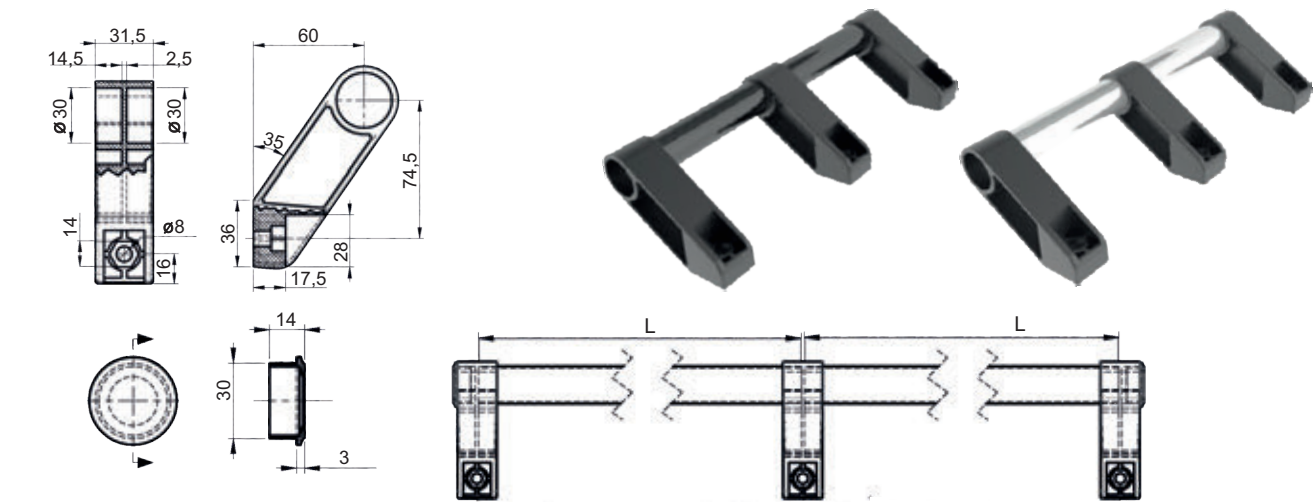
| CAT. NUMBER | MATERIAL | FINISH [C] |
|-------------|----------|------------|
|             |          | RAL 9005   |
| 4.102.002   | ABS      | 07         |



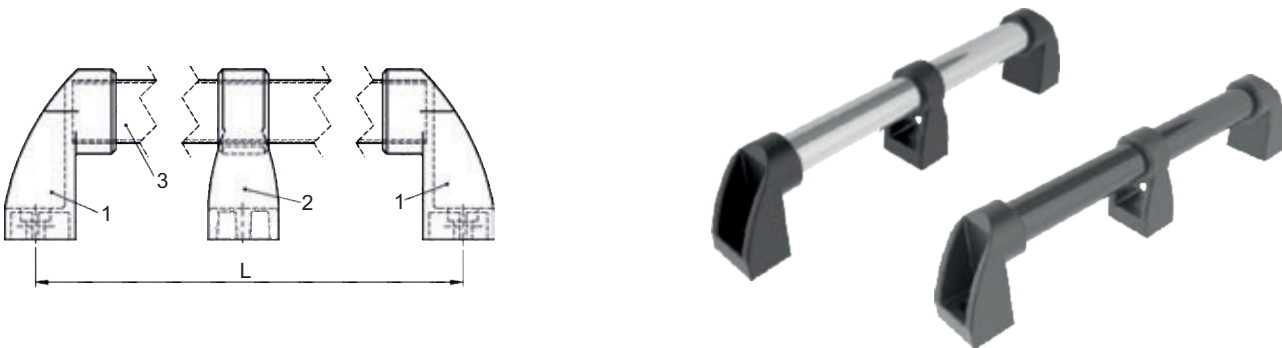
Mounting holes

Thickness of metal sheet  $T_s = 1,0 - 2,5\text{mm}$ 

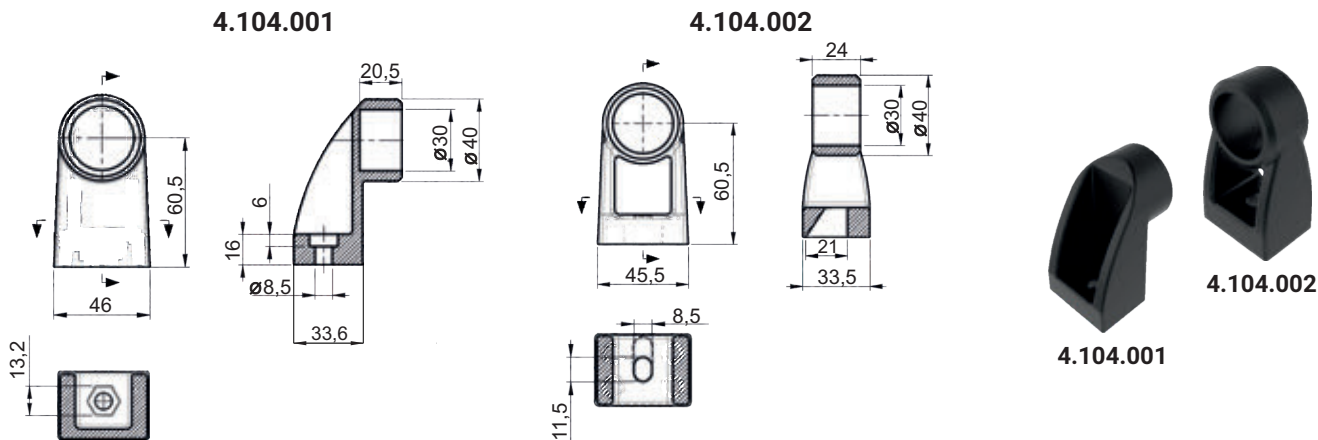
| CAT. NUMBER | MATERIAL      | FINISH [C] |
|-------------|---------------|------------|
|             |               | RAL 9005   |
| 4.470.001   | Polyamide PA6 | 07         |



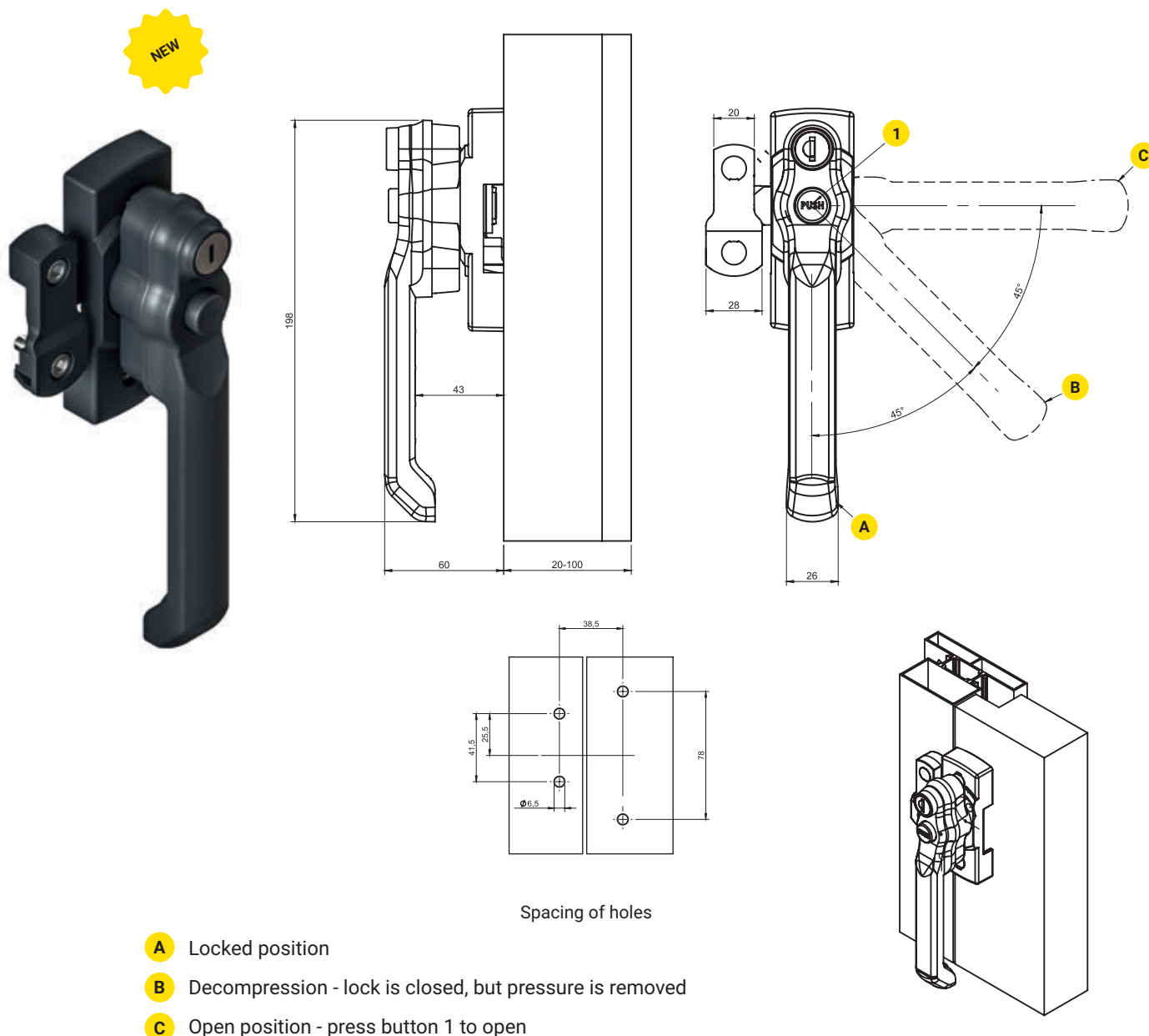
| CAT. NUMBER  | COMPONENTS | MATERIAL      | FINISH [C] |          |
|--------------|------------|---------------|------------|----------|
|              |            |               | RAL 9005   |          |
| 4.103        | Handle     | Polyamide PA6 | 07         |          |
|              | Bar        | 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         |  |



## Specification::

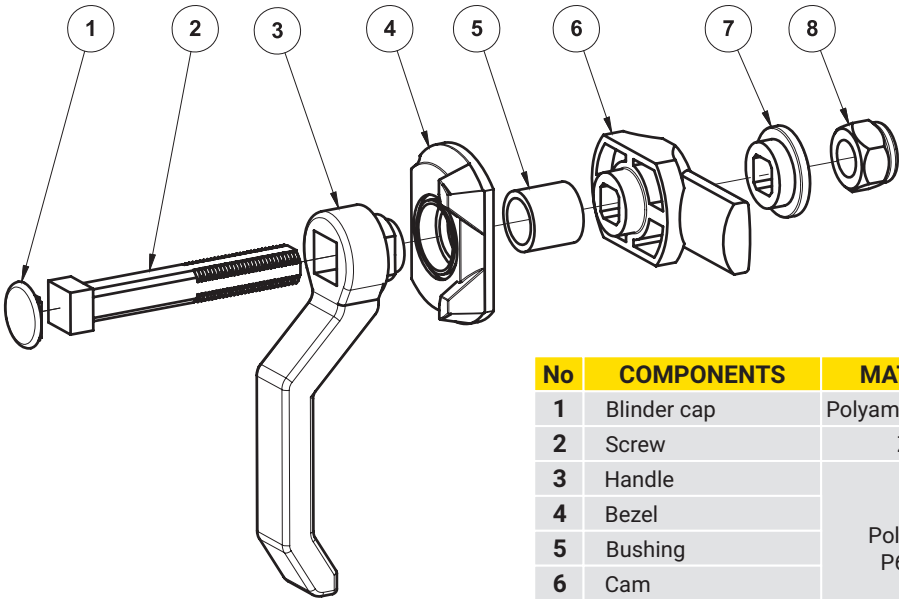
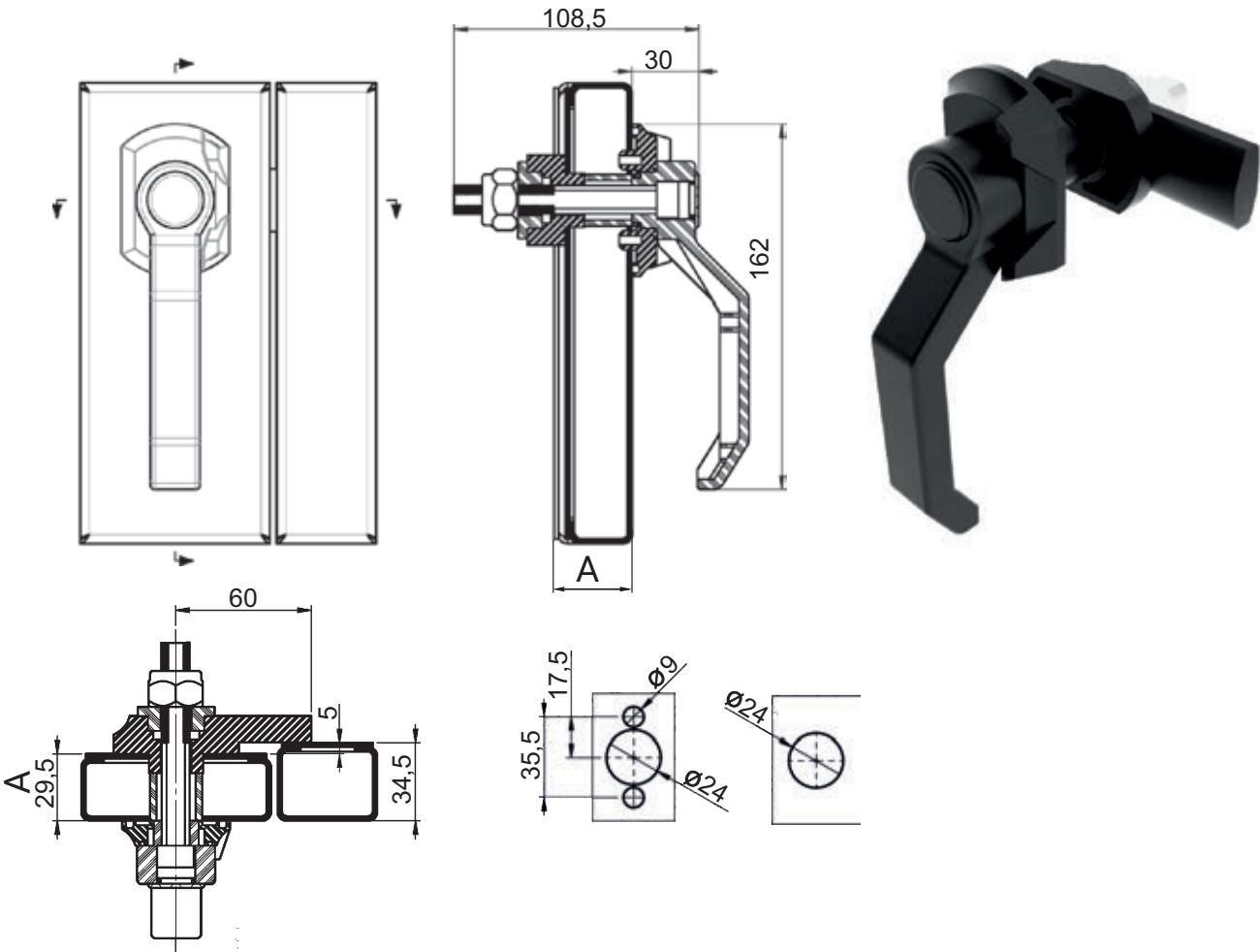
- Locks 4.110.001 and 4.110.002 with a leakage function - protection of the cabinet user against uncontrolled opening of the door due to overpressure in the climate control panel. It allows for pressure compensation before opening the door. Locks 4.110.003 and 4.110.004 (without a button) do not have a leakage function before opening the lock..
- Resistance of the lock to pressure of 5000 N/mm<sup>2</sup>.
- The lock can be mounted on doors with a thickness of 20-100 mm.

| CATALOGUE NO. | VERSION      |                     | COMPONENTS                     | MATERIALS |
|---------------|--------------|---------------------|--------------------------------|-----------|
| 4.110.001     | lockable*    | with push button    | Handle<br>Base<br>Catch<br>Cam | PA6GF30   |
| 4.110.002     | not lockable | with push button    |                                | ZAMAK     |
| 4.110.003     | lockable*    | without push button |                                | ZAMAK     |
| 4.110.004     | not lockable | without push button |                                | Steel     |

\* - possibility to use different key codes

| Accessories

www.roztocze.eu

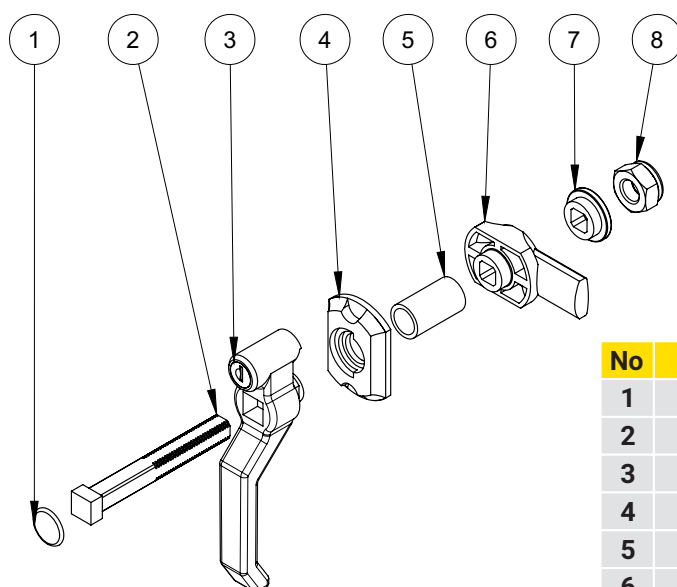
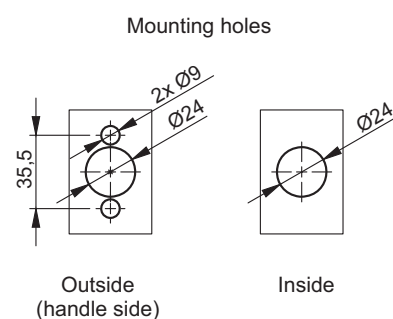
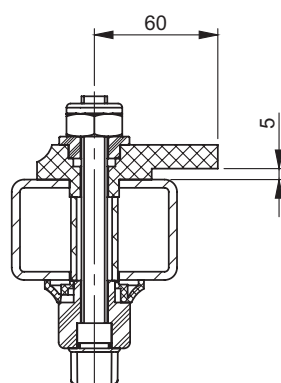
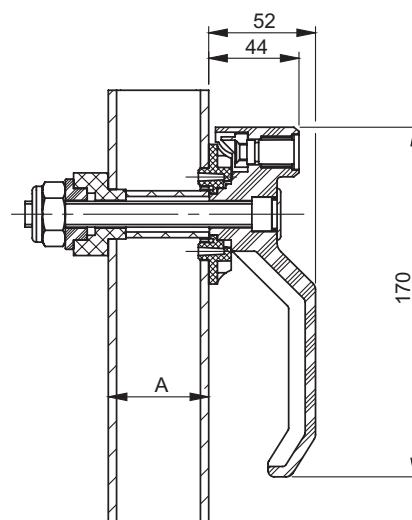
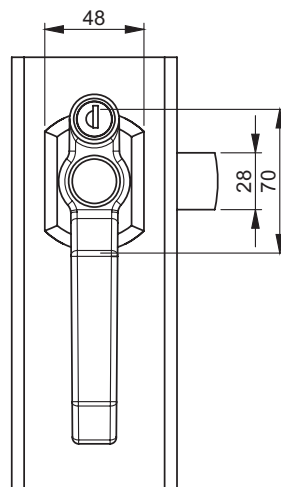


| No | COMPONENTS  | MATERIAL          |
|----|-------------|-------------------|
| 1  | Blinder cap | Polyamide P6GF30  |
| 2  | Screw       | ZnAl              |
| 3  | Handle      | Polyamide P6GF30  |
| 4  | Bezel       |                   |
| 5  | Bushing     |                   |
| 6  | Cam         |                   |
| 7  | Washer      | Steel zinc plated |
| 8  | Nut         |                   |

| A<br>Thickness door | 180° Sign | 90° turn<br>Right | 90° turn<br>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        |            |

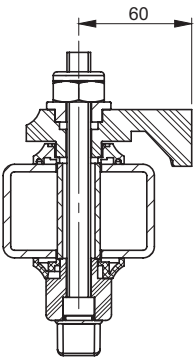
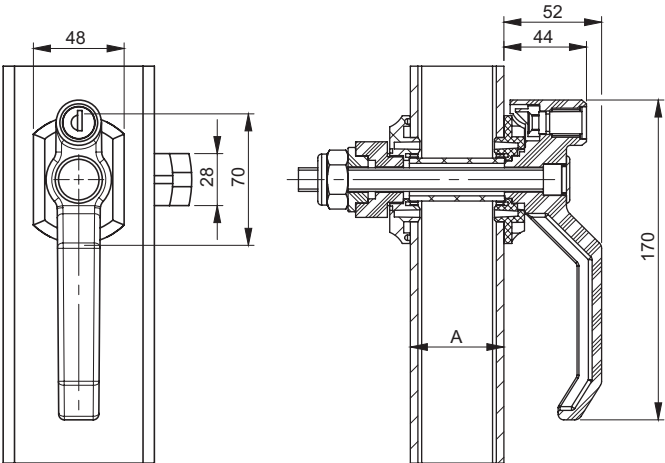
Left and right version on request. Delivery time 4-6 weeks.



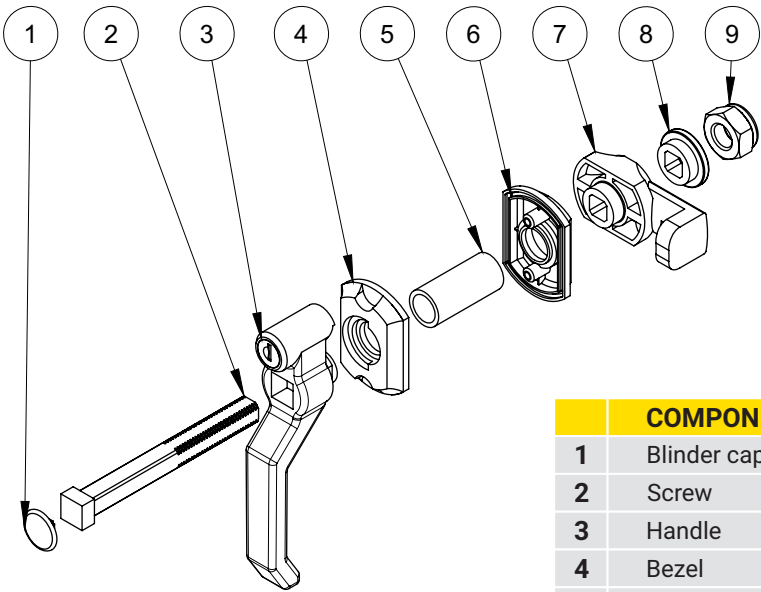
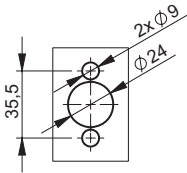


| No | COMPONENTS  | MATERIAL          |
|----|-------------|-------------------|
| 1  | Blinder cap | Polyamide P6GF30  |
| 2  | Screw       | ZnAl              |
| 3  | Handle      | Polyamide P6GF30  |
| 4  | Bezel       |                   |
| 5  | Bushing     |                   |
| 6  | Cam         |                   |
| 7  | Washer      | Steel zinc plated |
| 8  | Nut         |                   |

| CATALOGUE NUMBER | MAX. DOOR THICKNESS A [mm] | FINISH [C] |
|------------------|----------------------------|------------|
|                  |                            | RAL 9005   |
| 4.105.101        | 30                         | 07         |
| 4.105.102        | 50                         |            |
| 4.105.103        | 70                         |            |

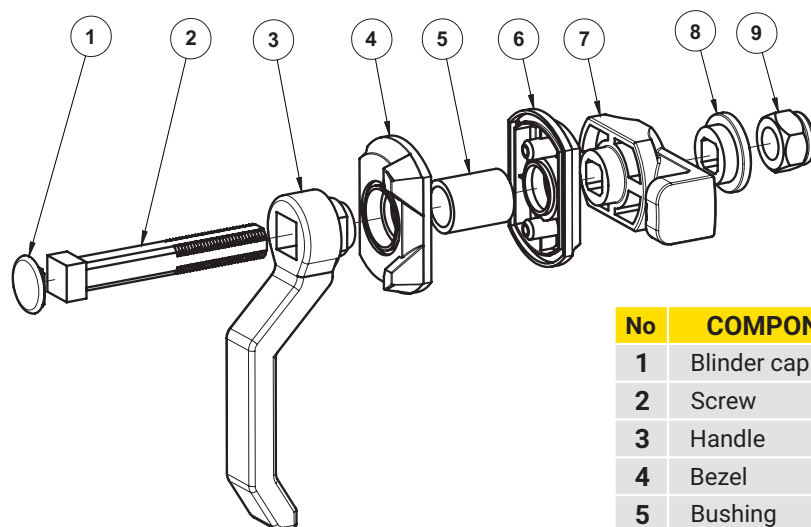
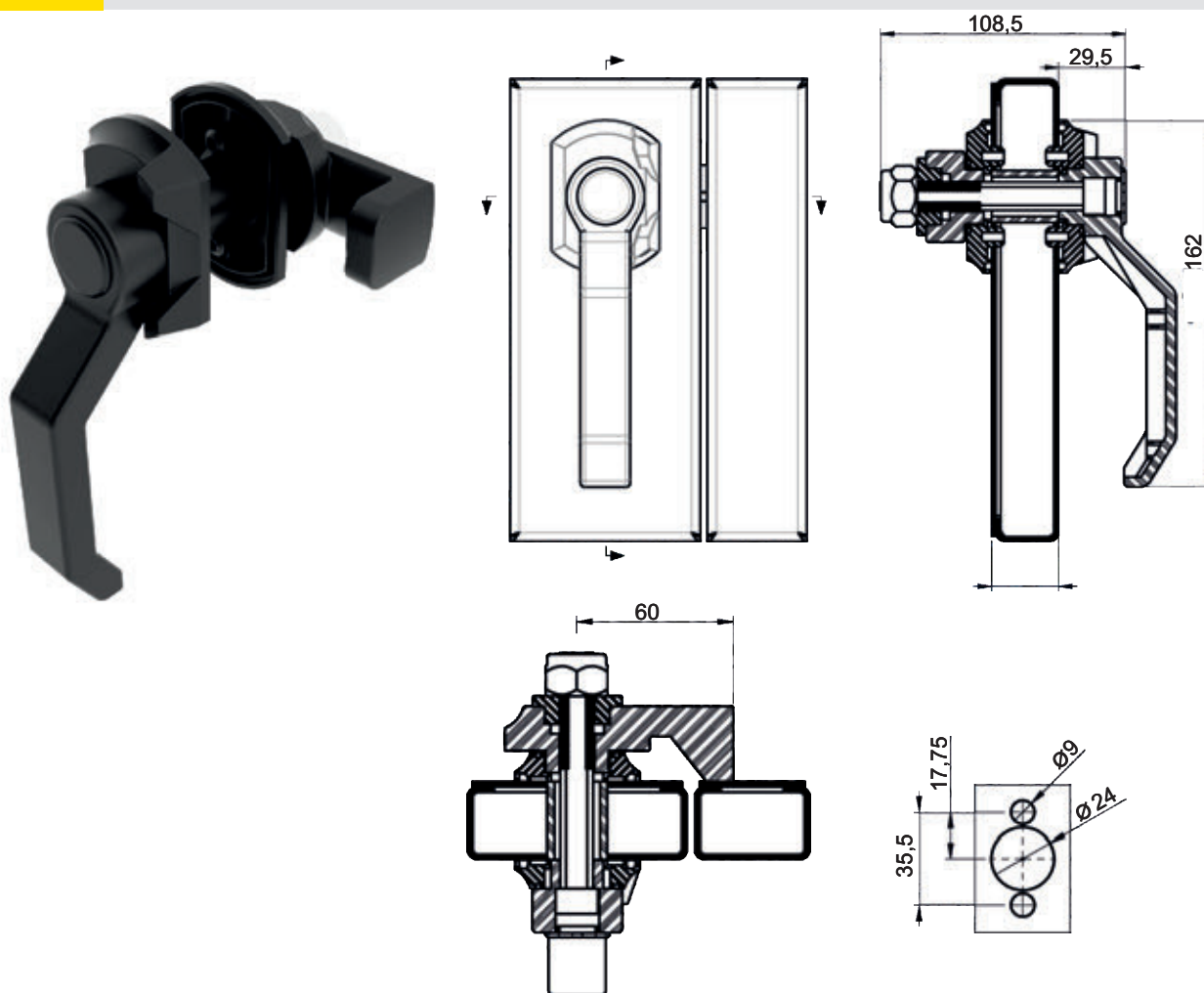


Mounting holes



|   | COMPONENTS  | MATERIAL          |
|---|-------------|-------------------|
| 1 | Blinder cap | Polyamide P6GF30  |
| 2 | Screw       | ZnAl              |
| 3 | Handle      | Polyamide P6GF30  |
| 4 | Bezel       |                   |
| 5 | Bushing     |                   |
| 6 | Cam         |                   |
| 7 | Washer      | Steel zinc plated |
| 8 | Nut         |                   |

| CATALOGUE NUMBER | MAX. DOOR THICKNESS A [mm] | FINISH [C] |
|------------------|----------------------------|------------|
|                  |                            | RAL 9005   |
| 4.106.101        | 25                         | 07         |
| 4.106.102        | 40                         |            |
| 4.106.103        | 50                         |            |



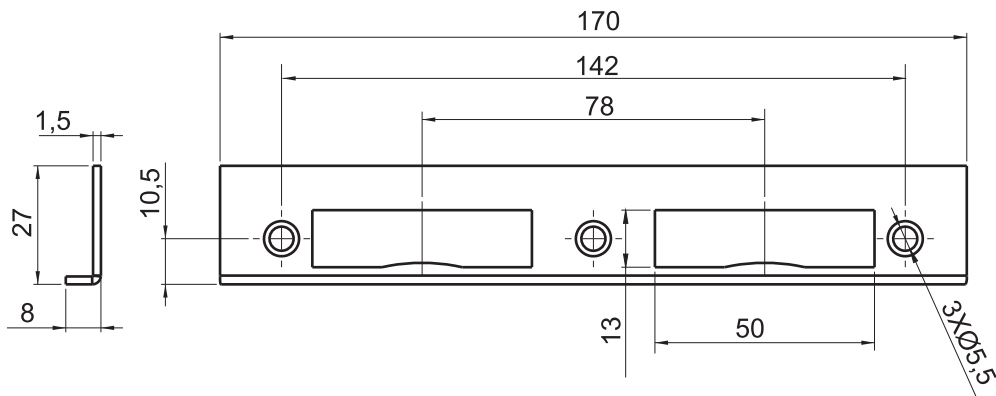
| No | COMPONENTS  | MATERIAL          |
|----|-------------|-------------------|
| 1  | Blinder cap | Polyamide P6GF30  |
| 2  | Screw       | Steel zinc plated |
| 3  | Handle      | Polyamide P6GF30  |
| 4  | Bezel       |                   |
| 5  | Bushing     |                   |
| 6  | Bezel       |                   |
| 7  | Cam         |                   |
| 8  | Washer      | Steel zinc plated |
| 9  | Nut         |                   |

| A<br>Thickness door | 180° Sign | 90° turn<br>Right | 90° turn<br>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        |            |

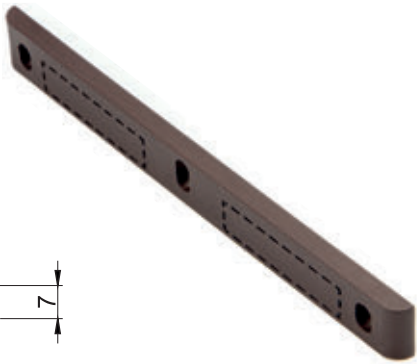
Left and right version on request. Delivery time 4-6 weeks.



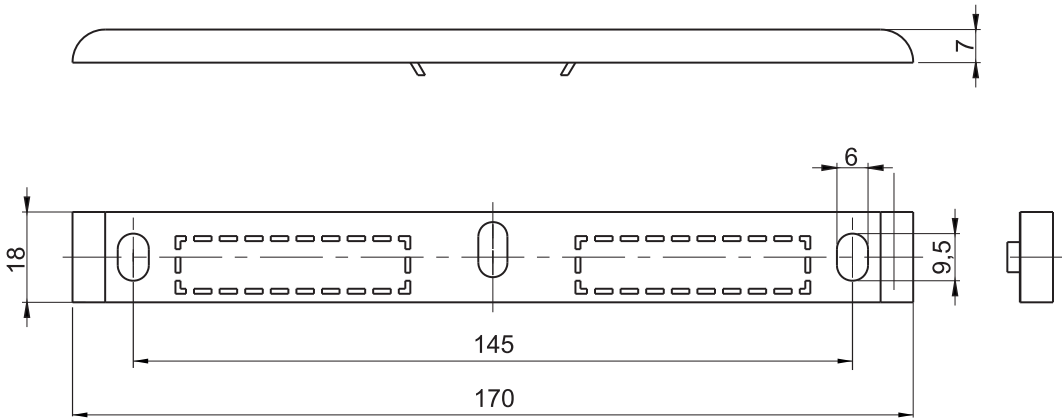
Latching element



| CAT. NUMBER | MATERIAL          |
|-------------|-------------------|
| 4.471.001   | Steel zinc plated |

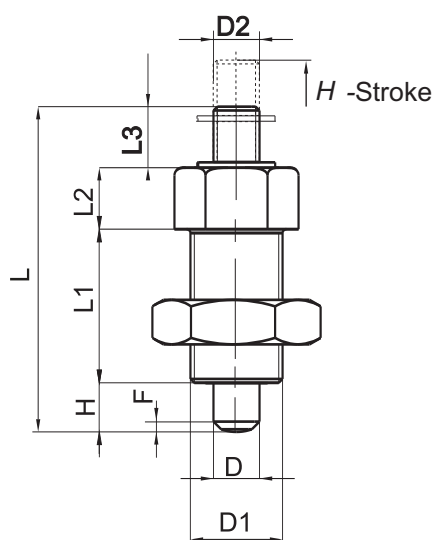


Masking element



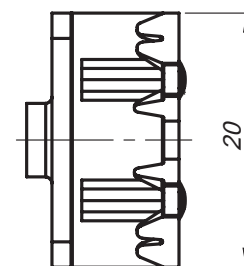
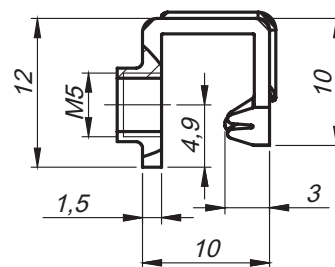
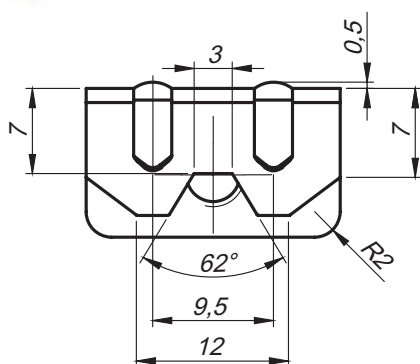
| CAT. NUMBER | MATERIAL                        |
|-------------|---------------------------------|
| 4.472.001   | Polipropylen - PP color - brown |

## Fixing pivot 4.427.001, 4.427.002



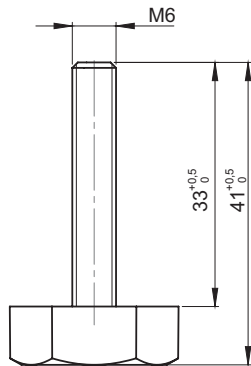
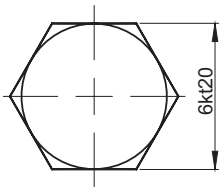
|           | D1        | D2 | D  | L  | L1 | L2 | L3 | H   | F         |
|-----------|-----------|----|----|----|----|----|----|-----|-----------|
| 4.427.001 | M12 x 1,5 | M6 | ø6 | 42 | 20 | 8  | 8  | 6   | 1 x 45°   |
| 4.427.002 | M10 x 1   | M4 | ø5 | 37 | 17 | 7  | 7  | 5,6 | 0,7 x 45° |

| CAT. NUMBER            | COMPONENTS | MATERIAL         |
|------------------------|------------|------------------|
| 4.427.001<br>4.427.002 | Nut        | Steel - oxidized |
|                        | Housing    |                  |
|                        | Pin        |                  |
|                        | Cir clip   |                  |

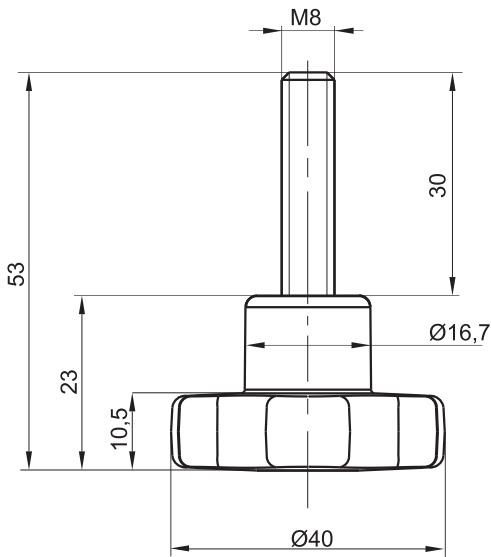


Complete clamp has a screw M5x8

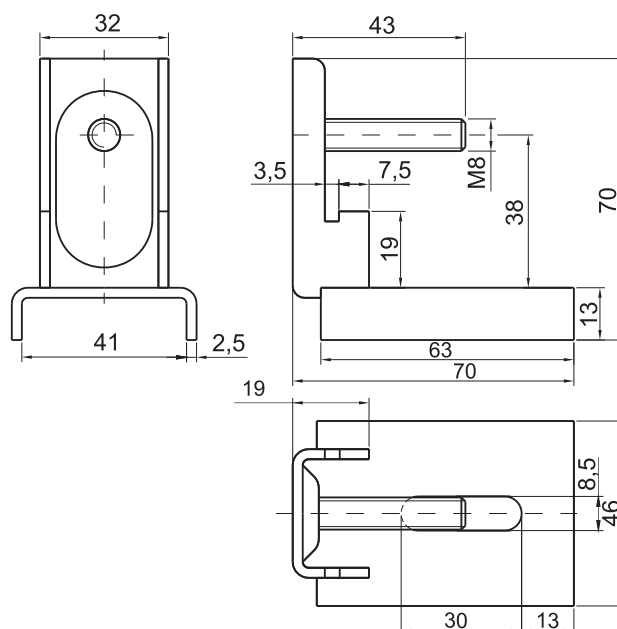
| CAT. NUMBER | MATERIAL          |
|-------------|-------------------|
| 4.426.001   | Steel zinc plated |



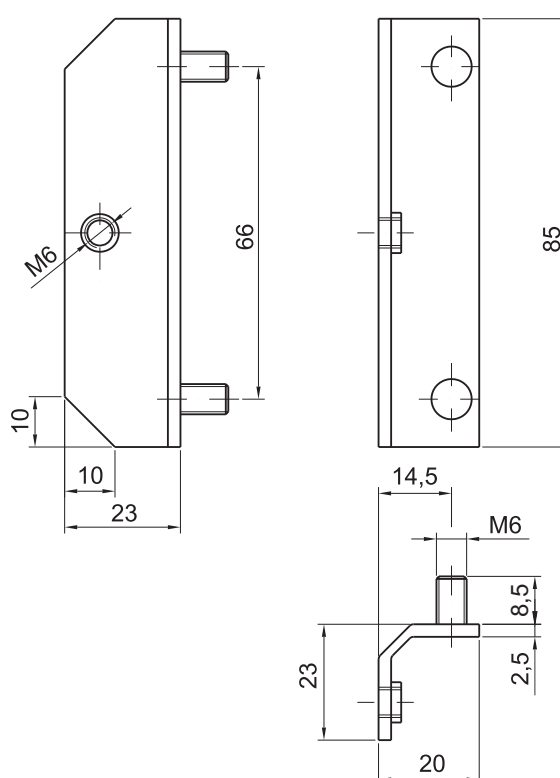
| CAT. NUMBER | COMPONENTS | MATERIAL          | FINISH [C] |
|-------------|------------|-------------------|------------|
|             |            |                   | RAL 9005   |
| 4.404.001   | Knob       | Polyamide PA6     | 07         |
|             | Screw      | Steel zinc plated |            |



| CAT. NUMBER | COMPONENTS | MATERIAL           | FINISH [C] |
|-------------|------------|--------------------|------------|
|             |            |                    | RAL 9005   |
| 4.428.001   | Handle     | Polyamide PA6 GF30 | 07         |
|             | Screw      | Steel - oxidizing  |            |

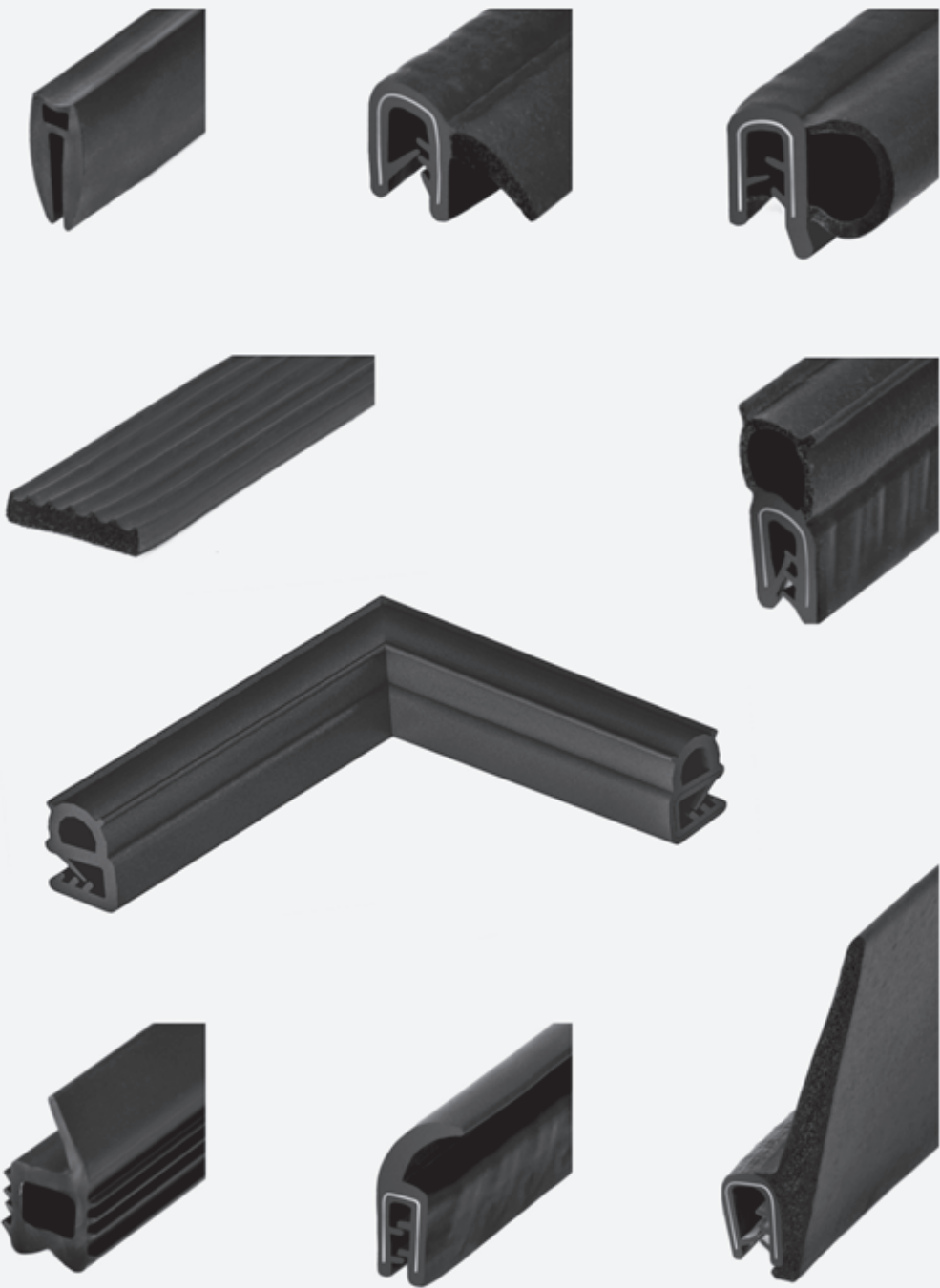


| CAT. NUMBER | NAME                  | MATERIAL          |
|-------------|-----------------------|-------------------|
| 4.412.001   | Masking plate bracket | Steel zinc plated |



| CAT. NUMBER | NAME   | MATERIAL          |
|-------------|--------|-------------------|
| 4.413.001   | Holder | Steel zinc plated |

# Gasketing profiles



1

Locking  
systems

2

Locks  
Latches

3

Hinges

4

Clamps

5

Accessories

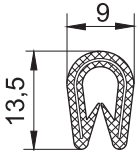
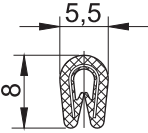
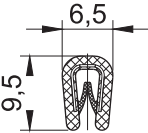
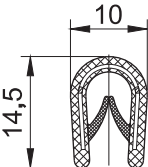
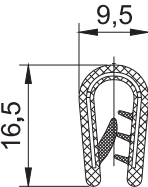
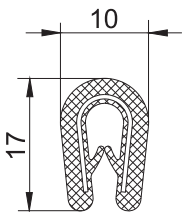
6

Gasketing  
profiles

7

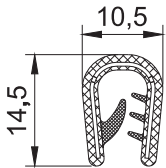
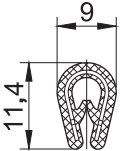
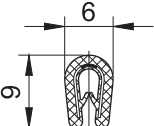
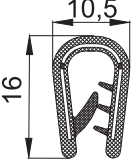
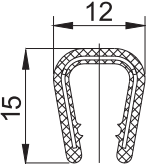
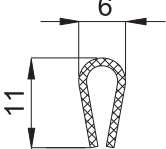
Custom  
products



|                                                                                     | Design<br>(section of gasket)                                                       | Code             | Clamping<br>range [mm] | Colour | Material | Sales unit [m] |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|------------------|------------------------|--------|----------|----------------|
|    |    | <b>UT-4</b>      | 1,0-4,0                | C      | PCV      | 100            |
|    |    | <b>UT-4.2</b>    | 1,0-1,5                | C      | PCV      | 100            |
|   |   | <b>UT-4.3.01</b> | 1,0-2,0                | C      | PCV      | 100            |
|                                                                                     |                                                                                     | <b>UT-4.3.02</b> | 1,0-2,0                | B      | PCV      | 100            |
|                                                                                     |                                                                                     | <b>UT-4.3.06</b> | 1,0-2,0                | S      | PCV      | 100            |
|  |  | <b>UT-4.4.01</b> | 1,0-4,0                | C      | PCV      | 100            |
|                                                                                     |                                                                                     | <b>UT-4.4.02</b> | 1,0-4,0                | B      | PCV      | 100            |
|                                                                                     |                                                                                     | <b>UT-4.4.04</b> | 1,0-4,0                | SC     | PCV      | 100            |
|                                                                                     |                                                                                     | <b>UT-4.4.05</b> | 1,0-4,0                | SJ     | PCV      | 100            |
|  |  | <b>UT-4.5.2</b>  | 1,0-2,5                | C      | PCV      | 100            |
|                                                                                     |                                                                                     | <b>UT-4.5.4</b>  | 2,0-4,0                | C      | PCV      | 100            |
|                                                                                     |                                                                                     | <b>UT-4.5.6</b>  | 4,0-6,0                | C      | PCV      | 100            |
|  |  | <b>UT-4.6</b>    | 1,0-4,0                | C      | PCV      | 100            |

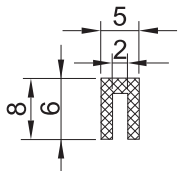
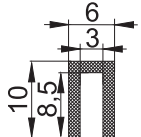
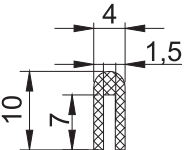
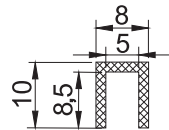
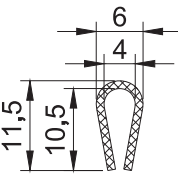
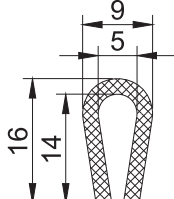
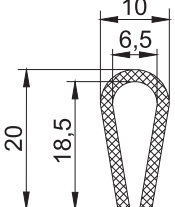
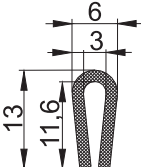
**C** - black, **B** - white, **S** - gray, **SJ** - bright gray, **SC** - dark gray

\* Time of delivery 5-6 weeks

|                                                                                     | Design<br>(section of gasket)                                                       | Code      | Clamping<br>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                | S      | 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             |

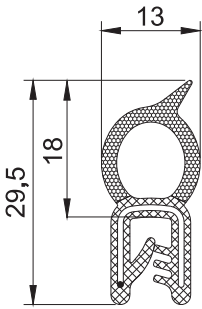
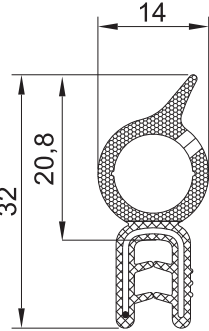
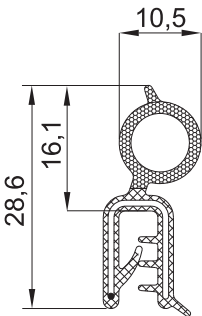
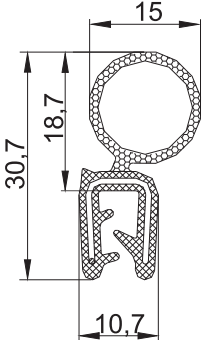
C - black, B - white, S - gray, SJ - bright gray, SC - dark gray

\* Time of delivery 5-6 weeks

|                                                                                     | Design<br>(section of gasket)                                                       | Code   | Clamping<br>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            |

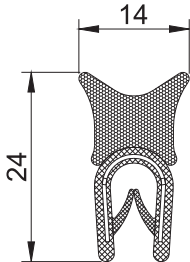
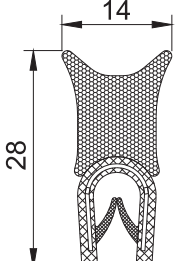
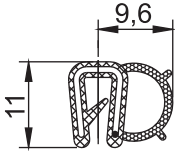
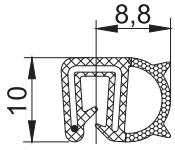
C - black, B - white, S - gray, SJ - bright gray, SC - dark gray

\* Time of delivery 5-6 weeks

|                                                                                     | Design<br>(section of gasket)                                                       | Code    | Clamping<br>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     | 50             |
|  |  | UT-35   | 1,0-2,5                | C      | EPDM     | 50             |
|  |  | UT-35.1 | 1,0-3,0                | C      | EPDM     | 50             |

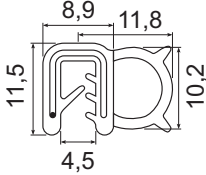
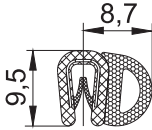
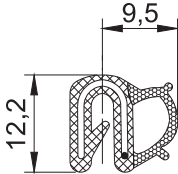
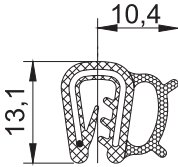
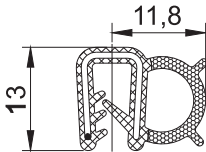
C - black, B - white, S - gray, SJ - bright gray, SC - dark gray  
 \* Time of delivery 5-6 weeks

 - EPDM  - PVC

|                                                                                     | Design<br>(section of gasket)                                                       | Code           | Clamping<br>range [mm] | Colour | Material    | Sales unit [m] |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------------|------------------------|--------|-------------|----------------|
|    |    | <b>UT-31</b>   | 1,0-4,0                | C      | EPDM<br>PCV | 50             |
|   |   | <b>UT-31.2</b> | 1,0-4,0                | C      | EPDM<br>PCV | 50             |
|  |  | <b>UT-33.2</b> | 1,0-2,0                | C      | EPDM        | 50             |
|  |  | <b>UT-33.3</b> | 1,0-2,5                | C      | EPDM        | 100            |

C - black, B - white, S - gray, SJ - bright gray, SC - dark gray  
 \* Time of delivery 5-6 weeks

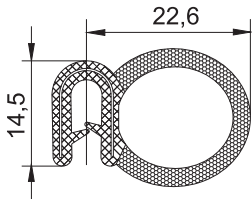
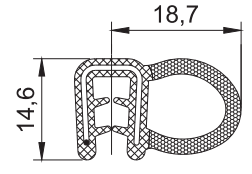
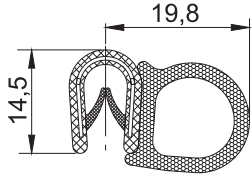
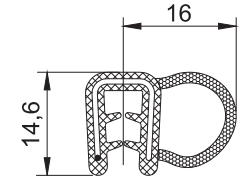
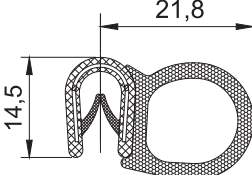
 - EPDM     - PVC

|                                                                                     | Design<br>(section of gasket)                                                       | Code    | Clamping<br>range [mm] | Colour | Material    | Sales unit [m] |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------|------------------------|--------|-------------|----------------|
|    |    | UT-33.4 | 1,0-2,5                | C      | EPDM        | 100            |
|    |    | UT-34   | 1,0-2,0                | C      | EPDM<br>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

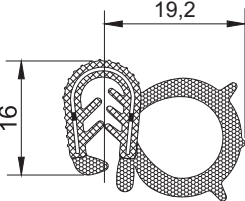
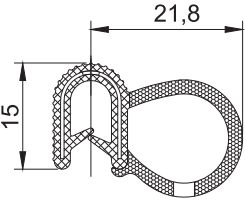
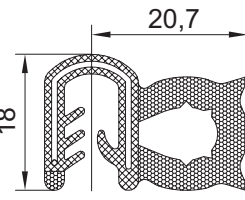
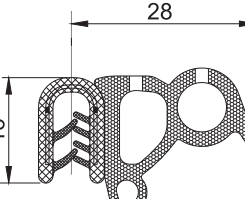
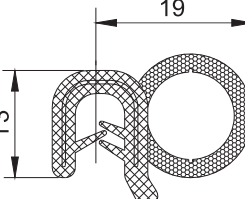
 - EPDM     - PVC



|                                                                                     | Design<br>(section of gasket)                                                       | Code          | Clamping<br>range [mm] | Colour | Material    | Sales unit [m] |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------|------------------------|--------|-------------|----------------|
|    |    | <b>UT-8</b>   | 1,0-4,0                | C      | EPDM        | 25             |
|    |    | <b>UT-8.2</b> | 1,5-3,0                | C      | EPDM        | 25             |
|   |  | <b>UT-8.3</b> | 1,0-4,0                | C      | EPDM<br>PCV | 50             |
|  |  | <b>UT-8.4</b> | 1,5-3,0                | C      | EPDM        | 50             |
|  |  | <b>UT-8.5</b> | 2,0-5,0                | C      | EPDM<br>PCV | 50             |

C - black, B - white, S - gray, SJ - bright gray, SC - dark gray  
 \* Time of delivery 5-6 weeks

 - EPDM     - PVC

|                                                                                     | Design<br>(section of gasket)                                                       | Code     | Clamping<br>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-8.8   | 3,5-5,0                | C      | EPDM        | 3000           |
|  |  | UT-9.2   | 1,0-2,5                | C      | EPDM<br>PCV | 50             |
|                                                                                     |                                                                                     | UT-9.4   | 2,5-4,0                | C      | EPDM<br>PCV | 50             |
|                                                                                     |                                                                                     | UT-9.6   | 4,0-6,0                | C      | EPDM<br>PCV | 50             |
|  |  | UT-10.3  | 6,0                    | C      | EPDM<br>PCV | 100            |

C - black, B - white, S - gray, SJ - bright gray, SC - dark gray  
 \* Time of delivery 5-6 weeks

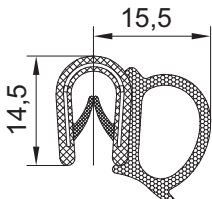
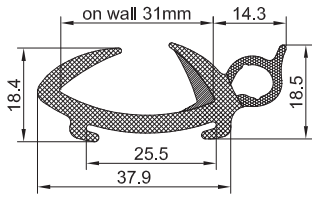
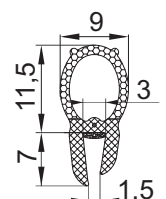
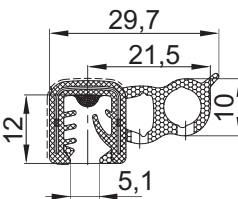


- EPDM



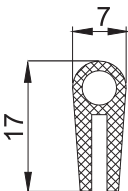
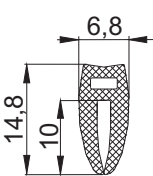
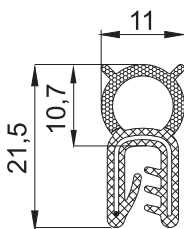
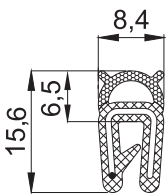
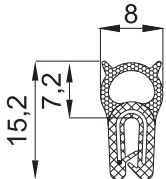
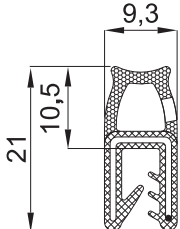
- PVC



|                                                                                     | Design<br>(section of gasket)                                                       | Code         | Clamping<br>range [mm] | Colour | Material | Sales unit [m] |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------|------------------------|--------|----------|----------------|
|    |    | <b>UT-70</b> | 1,0-4,0                | C      | EPDM     | 50             |
|    |   | <b>UTB-1</b> | -                      | C      | EPDM     | 100            |
|  |  | <b>UTB-2</b> | 1,5                    | C      | EPDM     | 5000           |
|  |  | <b>UTB-9</b> | 5,0-6,0                | C      | EPDM     | 100            |

C - black, B - white, S - gray, SJ - bright gray, SC - dark gray  
 \* Time of delivery 5-6 weeks

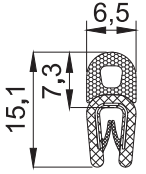
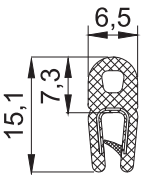
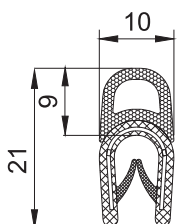
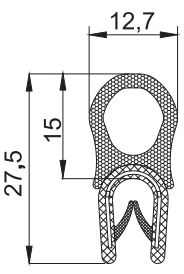
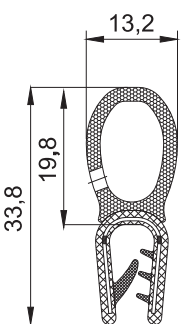
 - EPDM  - PVC

|                                                                                     | Design<br>(section of gasket)                                                       | Code          | Clamping<br>range [mm] | Colour | Material | Sales unit [m] |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------|------------------------|--------|----------|----------------|
|    |    | <b>UT-26A</b> | 2,0-3,0                | C      | EPDM     | 100            |
|    |    | <b>UT-27</b>  | 1,8                    | C      | EPDM     | 50             |
|   |   | <b>UT-32</b>  | 1,0-3,0                | C      | EPDM     | 50             |
|  |  | <b>UT-38</b>  | 1,0-2,0                | C      | EPDM     | 50             |
|  |  | <b>UT-42</b>  | 0,5-1,5                | C      | EPDM     | 50             |
|  |  | <b>UT-51</b>  | 1,0-3,0                | C      | EPDM     | 50             |

C - black, B - white, S - gray, SJ - bright gray, SC - dark gray

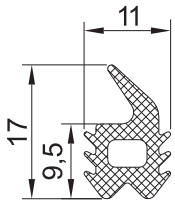
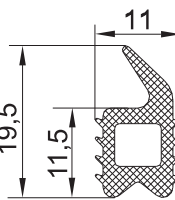
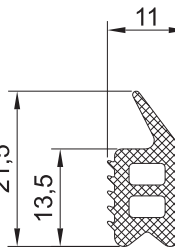
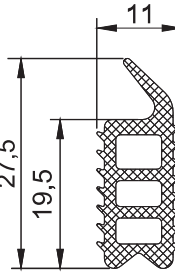
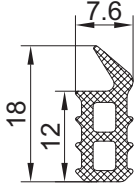
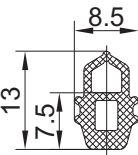
\* Time of delivery 5-6 weeks

 - EPDM
  - PVC

|                                                                                     | Design<br>(section of gasket)                                                       | Code             | Clamping<br>range [mm] | Colour | Material    | Sales unit [m] |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|------------------|------------------------|--------|-------------|----------------|
|    |    | <b>UT-43</b>     | 1,0-2,0                | C      | EPDM<br>PCV | 100            |
|    |    | <b>UT-43B</b>    | 1,0-2,0                | C      | EPDM        | 102            |
|   |  | <b>UT-43.3</b>   | 1,0-4,0                | C      | EPDM<br>PCV | 50             |
|  |  | <b>UT-43.4</b>   | 1,0-4,0                | C      | EPDM<br>PCV | 50             |
|  |  | <b>UT-43.5.2</b> | 1,0-2,5                | C      | EPDM<br>PCV | 50             |
|                                                                                     |                                                                                     | <b>UT-43.5.4</b> | 2,0-4,0                | C      | EPDM<br>PCV | 50             |
|                                                                                     |                                                                                     | <b>UT-43.5.6</b> | 4,0-6,0                | C      | EPDM<br>PCV | 50             |

C - black, B - white, S - gray, SJ - bright gray, SC - dark gray  
 \* Time of delivery 5-6 weeks

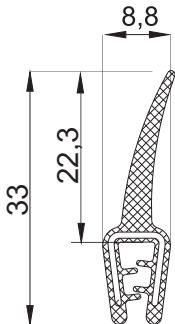
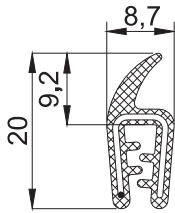
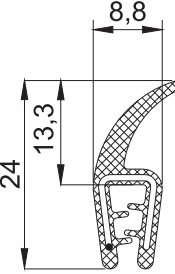
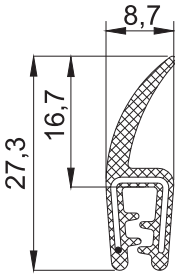
 - EPDM     - PVC

|                                                                                     | Design<br>(section of gasket)                                                       | Code   | Clamping<br>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          |
|  |  | UT-7.4 | -                      | C      | EPDM     | 100            |
|  |  | UT-7.5 | -                      | C      | EPDM     | 1500           |

C - black, B - white, S - gray, SJ - bright gray, SC - dark gray

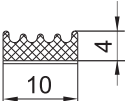
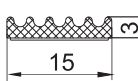
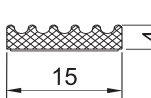
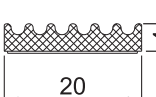
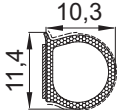
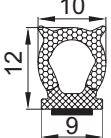
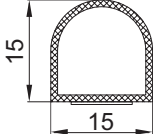
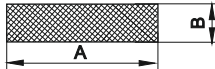
\* Time of delivery 5-6 weeks

 - EPDM - PVC

|                                                                                     | Design<br>(section of gasket)                                                       | Code           | Clamping<br>range [mm] | Colour | Material | Sales unit [m] |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------------|------------------------|--------|----------|----------------|
|    |    | <b>UT-80</b>   | 1,0-3,0                | C      | EPDM     | 50             |
|   |   | <b>UT-80.2</b> | 1,0-2,0                | C      | EPDM     | 100            |
|  |  | <b>UT-80.3</b> | 1,0-2,5                | C      | EPDM     | 100            |
|  |  | <b>UT-80.4</b> | 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<br>(section of gasket)                                                       | Code                | Clamping<br>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             |
|  |  | UTK-10.11           | -                      | C                       | EPDM     | 100            |
|  |  | UTK-10.12           | -                      | C                       | EPDM     | 100            |
|  |  | USDE-15.15          | -                      | C                       | EPDM     | 100            |
|  |  | <b>No of gasket</b> | <b>A</b><br>width [mm] | <b>B</b><br>height [mm] | C        | EPDM           |
|                                                                                     |                                                                                     | USPE-05.03          | 5                      | 3                       |          |                |
|                                                                                     |                                                                                     | USPE-08.02          | 8                      | 2                       |          |                |
|                                                                                     |                                                                                     | USPE-08.03          | 8                      | 3                       |          |                |
|                                                                                     |                                                                                     | USPE-10.02          | 10                     | 2                       |          |                |
|                                                                                     |                                                                                     | USPE-10.03          | 10                     | 3                       |          |                |
|                                                                                     |                                                                                     | USPE-10.04          | 10                     | 4                       |          |                |
|                                                                                     |                                                                                     | USPE-10.05          | 10                     | 5                       |          |                |
|                                                                                     |                                                                                     | USPE-12.03          | 12                     | 3                       |          |                |
|                                                                                     |                                                                                     | USPE-12.04          | 12                     | 4                       |          |                |
|                                                                                     |                                                                                     | USPE-15.03          | 15                     | 3                       |          |                |
|                                                                                     |                                                                                     | USPE-15.04          | 15                     | 4                       |          |                |
|                                                                                     |                                                                                     | USPE-16.08          | 16                     | 8                       |          |                |
|                                                                                     |                                                                                     | USPE-18.05          | 18                     | 5                       |          |                |
|                                                                                     |                                                                                     | USPE-20.03          | 20                     | 3                       |          |                |
|                                                                                     |                                                                                     | USPE-20.05          | 20                     | 5                       |          |                |

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\* Time of delivery 5-6 weeks

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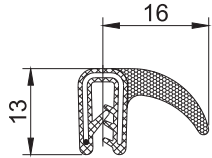
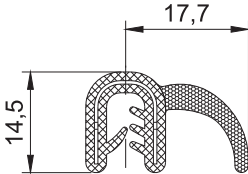
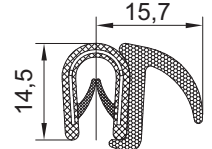
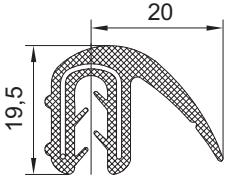
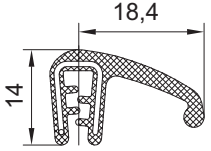
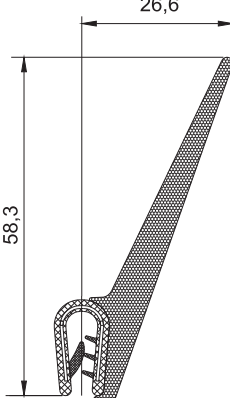
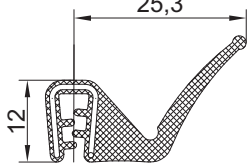
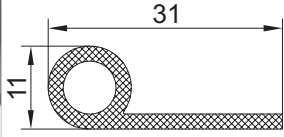
- EPDM



- PVC

Gasketing profiles |



|                                                                                     | Design<br>(section of gasket)                                                       | Code           | Clamping<br>range [mm] | Colour | Material    | Sales unit [m] |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------------|------------------------|--------|-------------|----------------|
|    |    | <b>UT-81.1</b> | 1,0-2,0                | C      | EPDM<br>PCV | 100            |
|    |    | <b>UT-81.2</b> | 1,25-2,0               | C      | EPDM<br>PCV | 100            |
|    |    | <b>UT-81.3</b> | 1,0-4,0                | C      | EPDM        | 50             |
|   |   | <b>UT-81.4</b> | 1,0-3,5                | C      | EPDM        | 2500           |
|  |  | <b>UT-81.5</b> | 1,0-2,5                | C      | EPDM        | 100            |
|  |  | <b>UT-82.2</b> | 1,0-2,5                | C      | EPDM<br>PCV | 25             |
|                                                                                     |                                                                                     | <b>UT-82.4</b> | 2,0-4,0                | C      | EPDM<br>PCV | 25             |
|                                                                                     |                                                                                     | <b>UT-82.6</b> | 4,0-6,0                | C      | EPDM<br>PCV | 25             |
|  |  | <b>UT-83</b>   | 1,0-2,5                | C      | EPDM        | 3000           |
|  |  | <b>UTP-137</b> | -                      | C      | EPDM        | 100            |

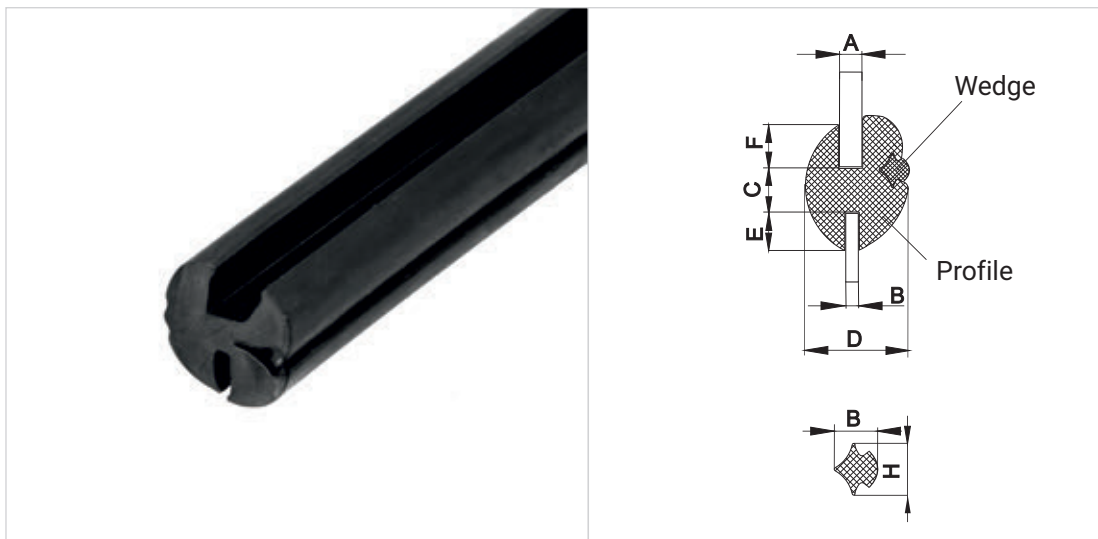
C - black, B - white, S - gray, SJ - bright gray, SC - dark gray

\* Time of delivery 5-6 weeks

| Gasketing profiles

 - EPDM
 - PVC

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| Code      | 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 |          |

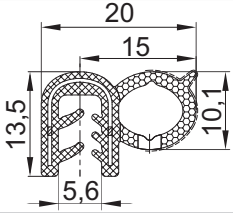
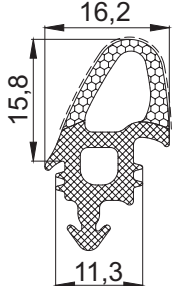
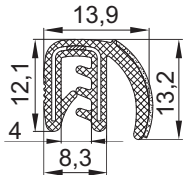
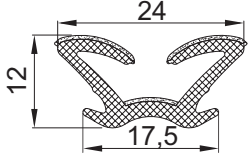
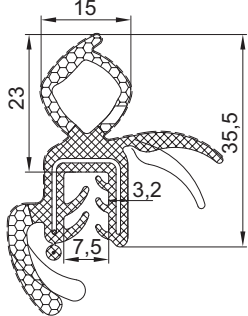
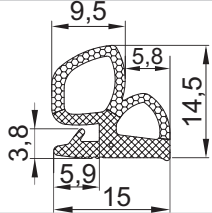
| Wedge    | H   | B   | Material | Colour |
|----------|-----|-----|----------|--------|
| US-328   | 7,0 | 6,0 | EPDM     | C      |
| US-328.1 | 5,5 | 4,5 |          |        |
| US-328.2 | 9,5 | 7,5 |          |        |

Notice:  
strengthening frame profile should be ordered  
with the wedge  
\* wedge fixing tools to order with the manufacturer

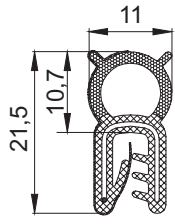
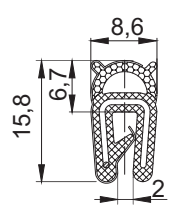
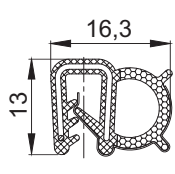
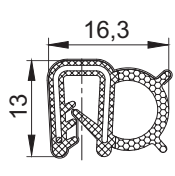
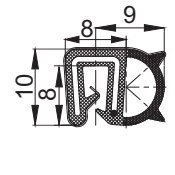
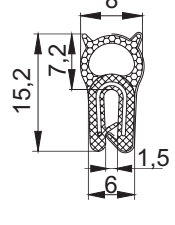


C - black, B - white, S - gray, SJ - bright gray, SC - dark gray  
\* Time of delivery 5-6 weeks



|                                                                                     | Design<br>(section of gasket)                                                       | Code   | Clamping<br>range [mm] | Colour | Material | Sales unit [m] |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------|------------------------|--------|----------|----------------|
|    |    | UTG-1  | 3,0-4,5                | C      | EPDM     | 100            |
|    |    | UTG-2  | -                      | C      | EPDM     | 100            |
|   |   | UTF-1  | 1,0-2,5                | C      | EPDM     | 100            |
|  |  | UTF-2  | -                      | C      | EPDM     | 100            |
|  |  | UTGF-1 | 2,5-5,0                | C      | EPDM     | 100            |
|  |  | UTGF-2 | -                      | C      | EPDM     | 100            |

Sealing profiles with shielding electromagnetic interference / RFI signals.

|                                                                                     | Design<br>(section of gasket)                                                       | Code        | Clamping<br>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            |
|  |  | UT-57B.EMV  | 2,0                    | C      | EPDM*    | 100            |
|  |  | UT-33.3.EMV | 1,0-2,5                | C      | EPDM*    | 100            |
|  |  | UT-42.EMV   | 0,5-1,5                | 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

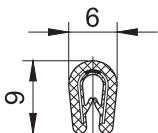
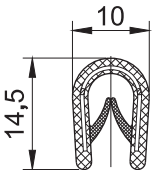
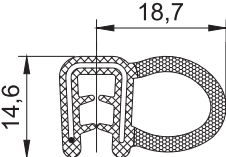
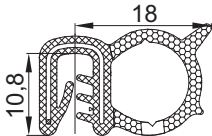
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Gasketing profiles |

Sealing profiles from UR group meets railway norm **EN 45545-2**

solid rubber (50,60,70 Shore A), classification R22/R23 HL3

sponge rubber (density 0,8 g / cm<sup>3</sup>), classification R22/R23 HL2

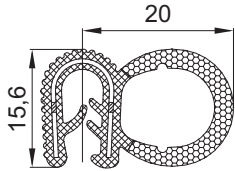
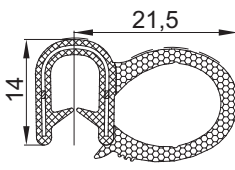
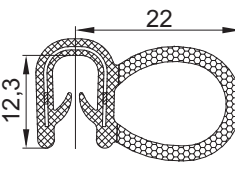
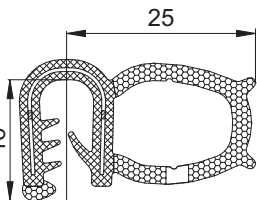
|                                                                                     | Design<br>(section of gasket)                                                       | Code             | Clamping<br>range [mm] | Colour | Material            | Sales unit [m] |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|------------------|------------------------|--------|---------------------|----------------|
|    |    | <b>UR-4.9.01</b> | 1,0-2,0                | C      | EPDM                | 100            |
|   |  | <b>UR-4.4.01</b> | 1,0-4,0                | C      | Hexflame<br>45-1000 | 100            |
|  |  | <b>UR-8.2</b>    | 1,5-3,0                | C      | EPDM                | 100            |
|  |  | <b>UR-8.8</b>    | 1,0-3,0                | C      | PCV                 | 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 railway norm EN 45545-2

solid rubber (50,60,70 Shore A), classification R22/R23 HL3  
sponge rubber (density 0,8 g / cm<sup>3</sup>), classification R22/R23 HL2

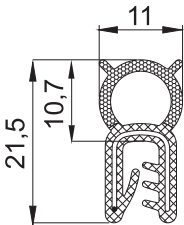
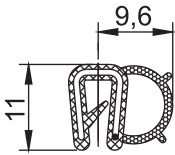
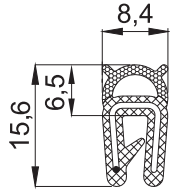
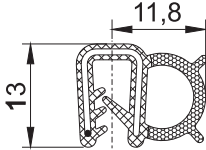
|                                                                                     | Design<br>(section of gasket)                                                       | Code    | Clamping<br>range [mm] | Colour | Material | Sales unit [m] |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------|------------------------|--------|----------|----------------|
|    |    | UR-8.9  | 2,0-3,5                | C      | PCV      | 100            |
|   |   | UR-8.10 | 1,0-4,0                | C      | PCV      | 100            |
|  |  | UR-8.11 | 1,0-4,0                | C      | PCV      | 100            |
|  |  | UR-8.12 | 3,0-4,5                | C      | PCV      | on request     |

C - black, B - white, S - gray, SJ - bright gray, SC - dark gray  
\* Time of delivery 5-6 weeks

Sealing profiles from UR group meets railway norm **EN 45545-2**

solid rubber (50,60,70 Shore A), classification R22/R23 HL3

sponge rubber (density 0,8 g / cm<sup>3</sup>), classification R22/R23 HL2

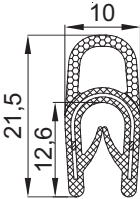
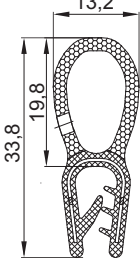
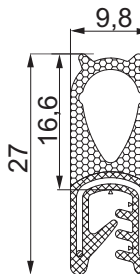
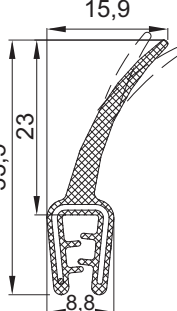
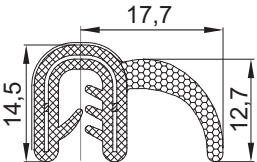
|                                                                                     | Design<br>(section of gasket)                                                       | Code           | Clamping<br>range [mm] | Colour | Material | Sales unit [m] |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------------|------------------------|--------|----------|----------------|
|    |    | <b>UR-32</b>   | 1,0-3,0                | C      | EPDM     | 100            |
|   |  | <b>UR-33.2</b> | 1,0-2,0                | C      | EPDM     | 100            |
|  |  | <b>UR-38</b>   | 1,0-2,0                | C      | EPDM     | 100            |
|  |  | <b>UR-57A</b>  | 2,0                    | 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 railway norm EN 45545-2

solid rubber (50,60,70 Shore A), classification R22/R23 HL3  
sponge rubber (density 0,8 g / cm<sup>3</sup>), classification R22/R23 HL2

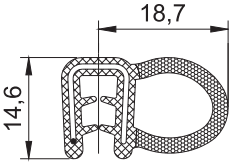
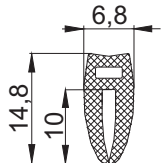
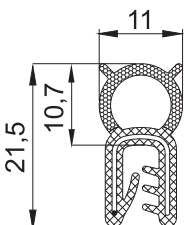
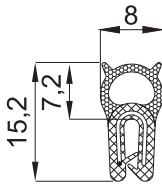
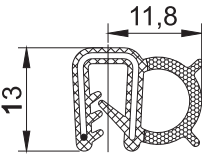
|                                                                                     | Design<br>(section of gasket)                                                       | Code    | Clamping<br>range [mm] | Colour | Material | Sales unit [m] |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------|------------------------|--------|----------|----------------|
|    |    | UR-43.3 | 1,0-4,0                | C      | PCV      | on request     |
|   |   | UR-43.5 | 1,5-3,0                | C      | PCV      | on request     |
|  |  | UR-43.6 | 2,0-4,0                | C      | EPDM     | 100            |
|  |  | UR-80.5 | 1,0-2,0                | C      | PCV      | on request     |
|  |  | UR-81.3 | 1,25-2,0               | C      | PCV      | on request     |

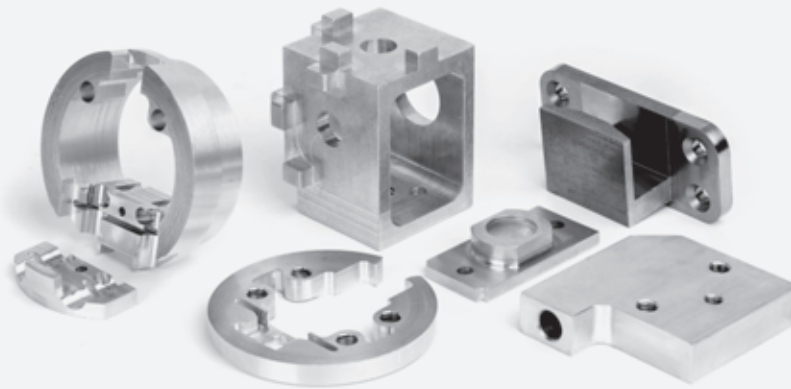
C - black, B - white, S - gray, SJ - bright gray, SC - dark gray

\* Time of delivery 5-6 weeks



VDI 6022 - standard defining hygienic requirements for air handling units and air-conditioning units

|                                                                                     | Design<br>(section of gasket)                                                       | Code       | Clamping<br>range [mm] | Colour | Material | Sales unit [m] |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|------------|------------------------|--------|----------|----------------|
|    |    | UT-8.2.VDI | 1,5-3,0                | C      | EPDM     | 25             |
|   |   | UT-27.VDI  | 1,8                    | C      | EPDM     | 50             |
|  |  | UT-32.VDI  | 1,0-3,0                | C      | EPDM     | 50             |
|  |  | UT-42.VDI  | 0,5-1,5                | C      | EPDM     | 50             |
|  |  | UT-57A.VDI | 2,0                    | C      | EPDM     | 50             |



1

Locking  
systems

2

Locks  
Latches



3

Hinges

4

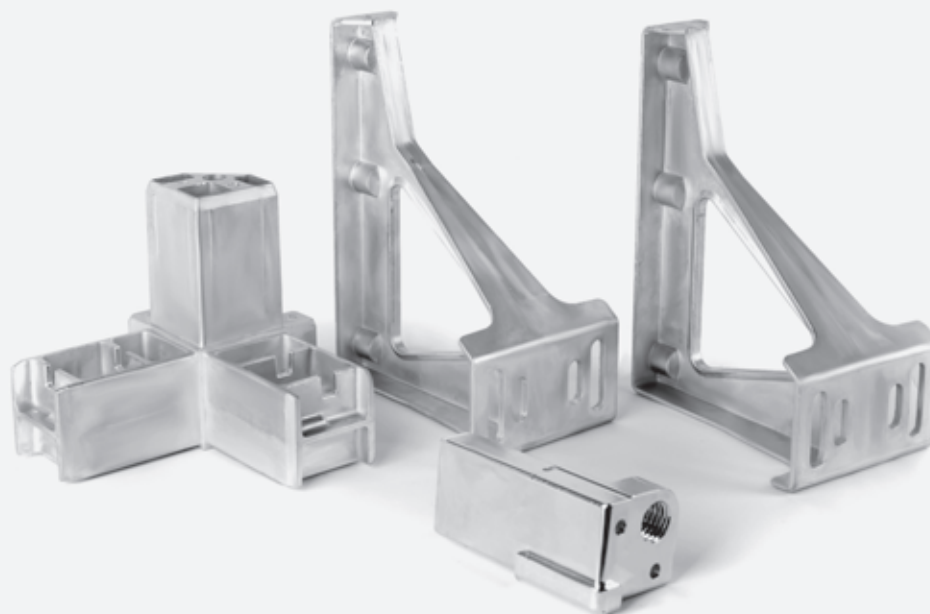
Clamps

5

Accessories

6

Gasketing  
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7

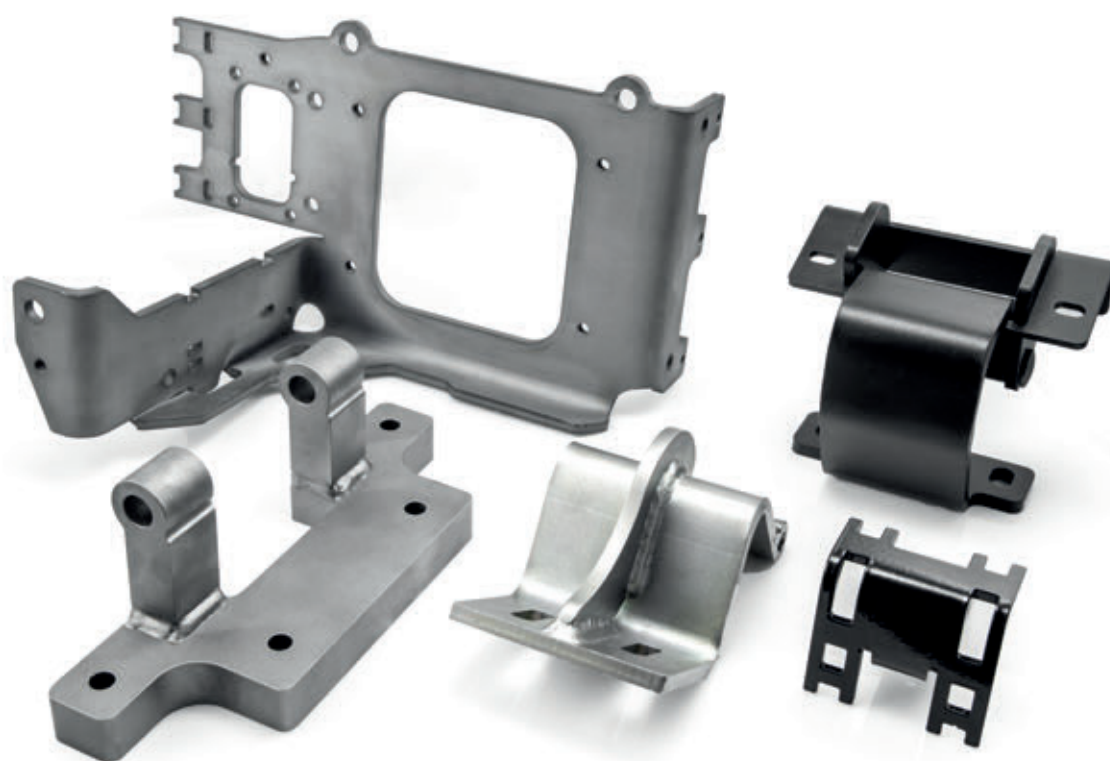
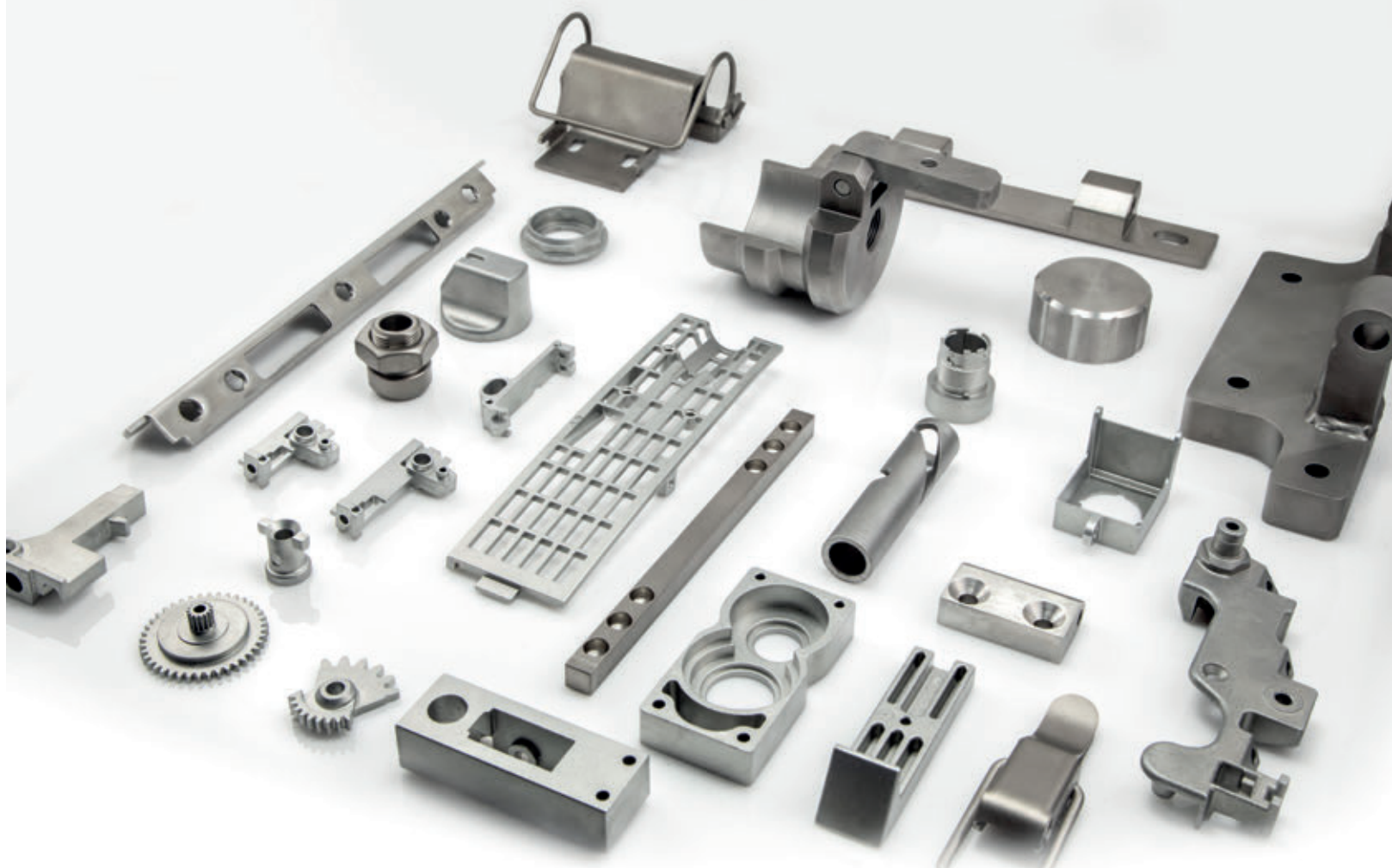
Custom  
products







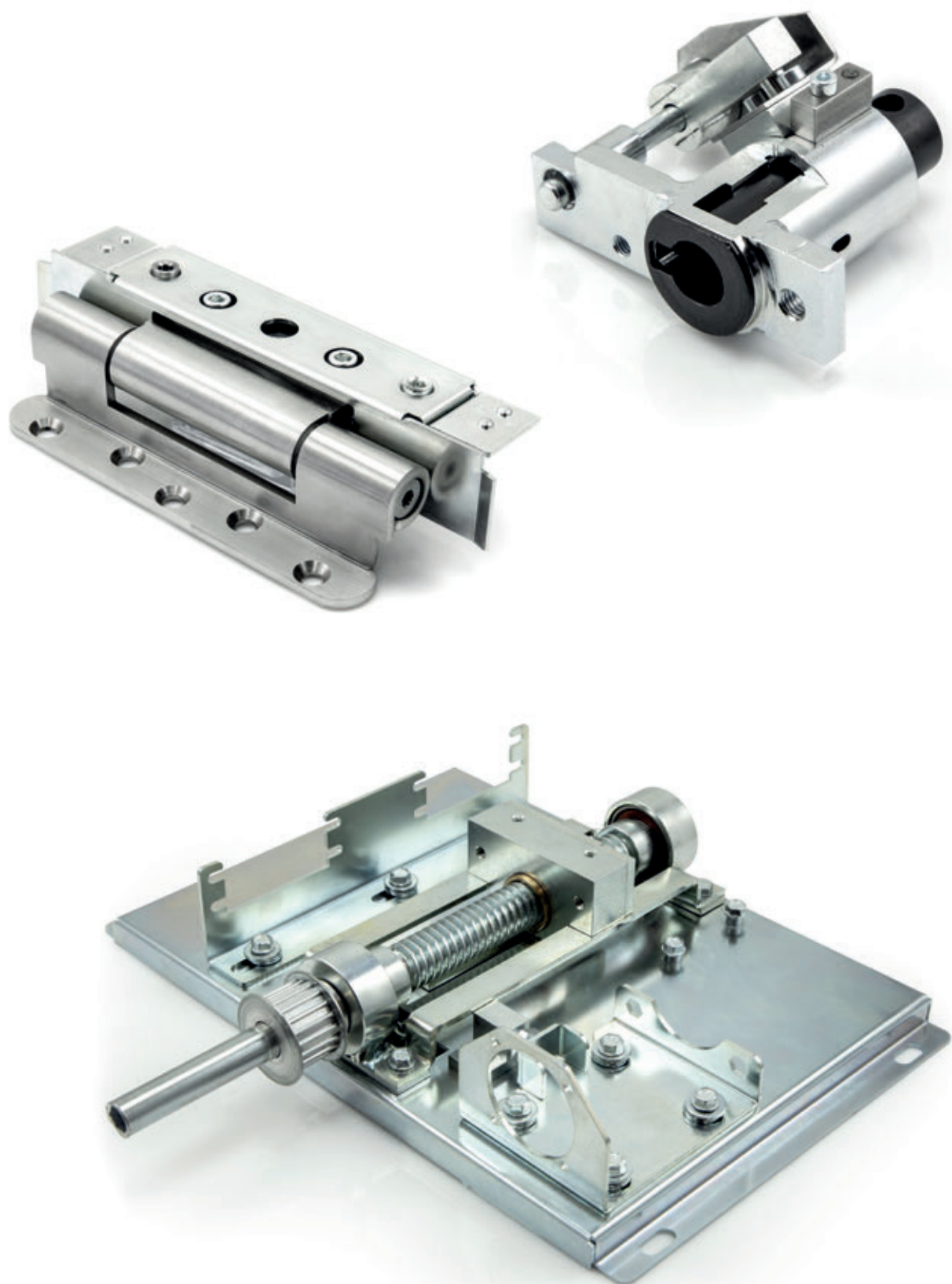


















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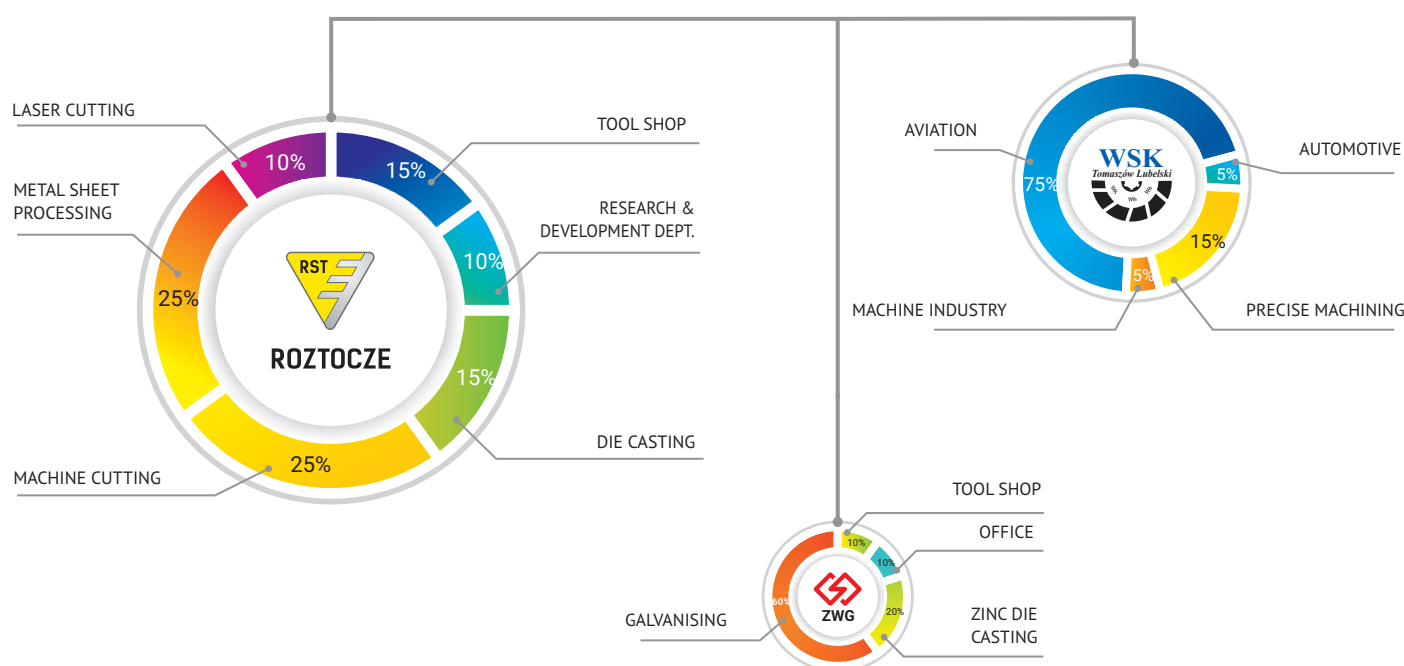






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