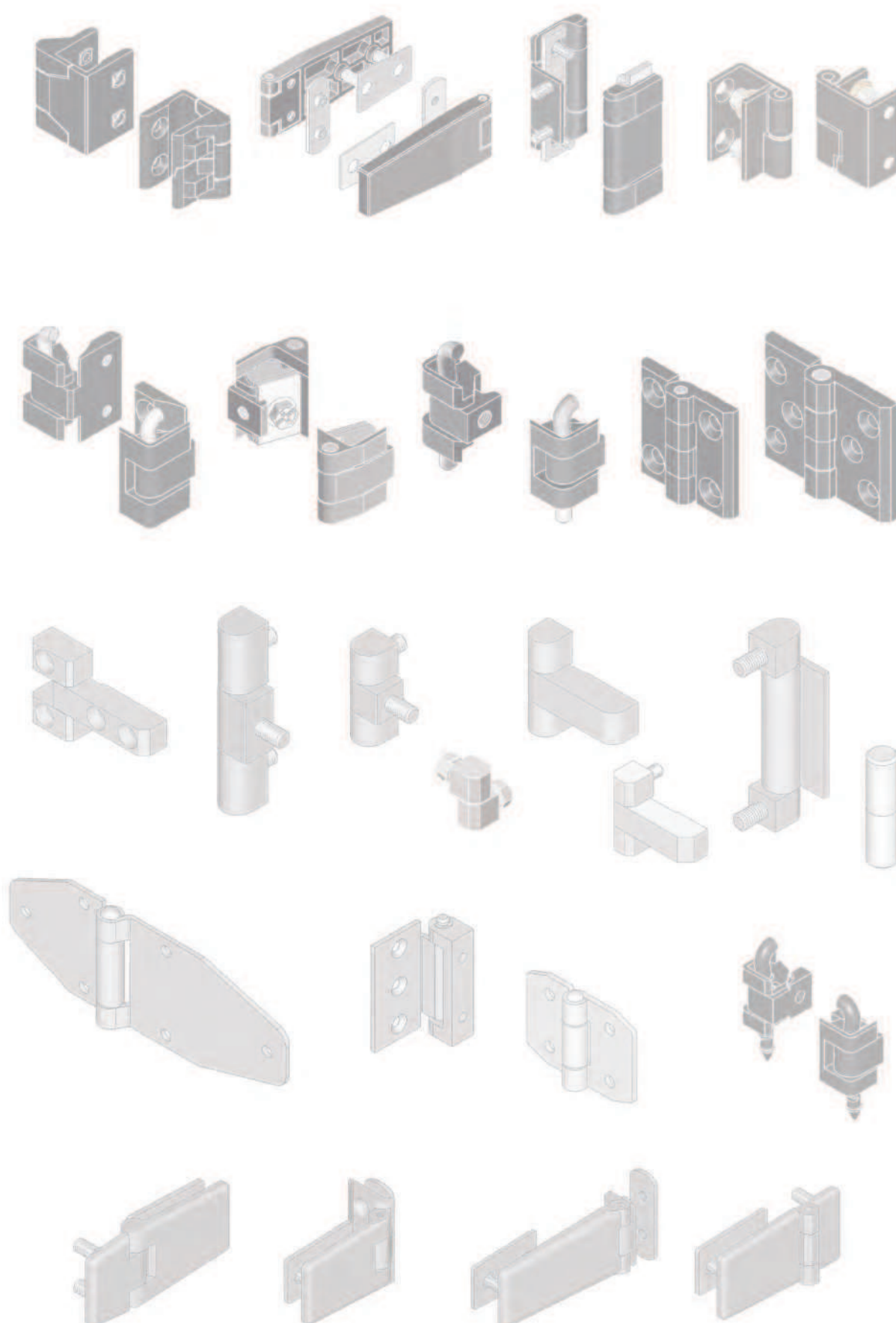
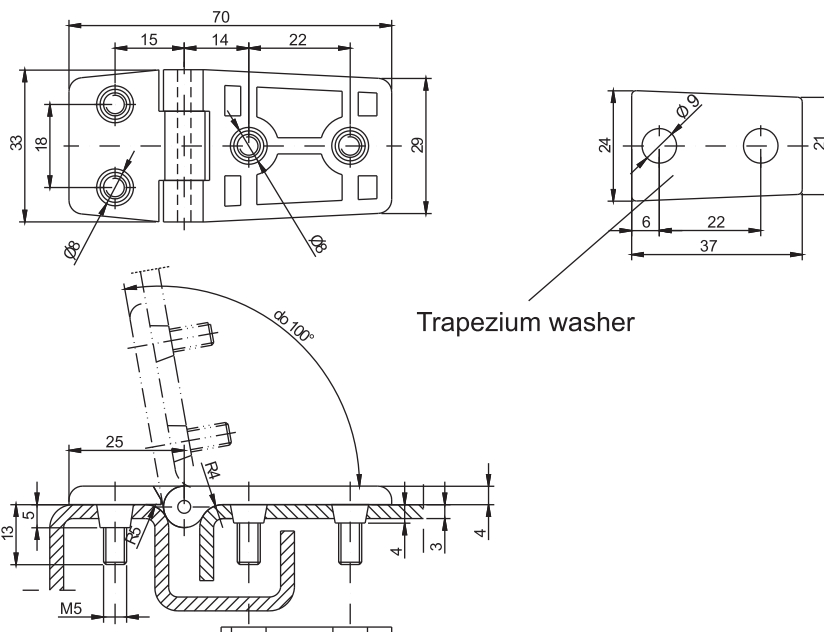
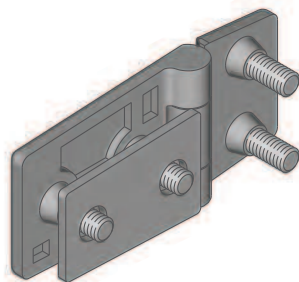
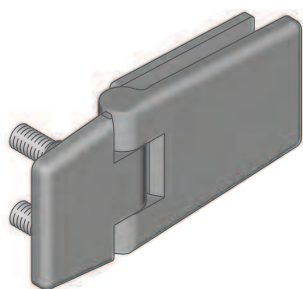




# EXTERNAL HINGES

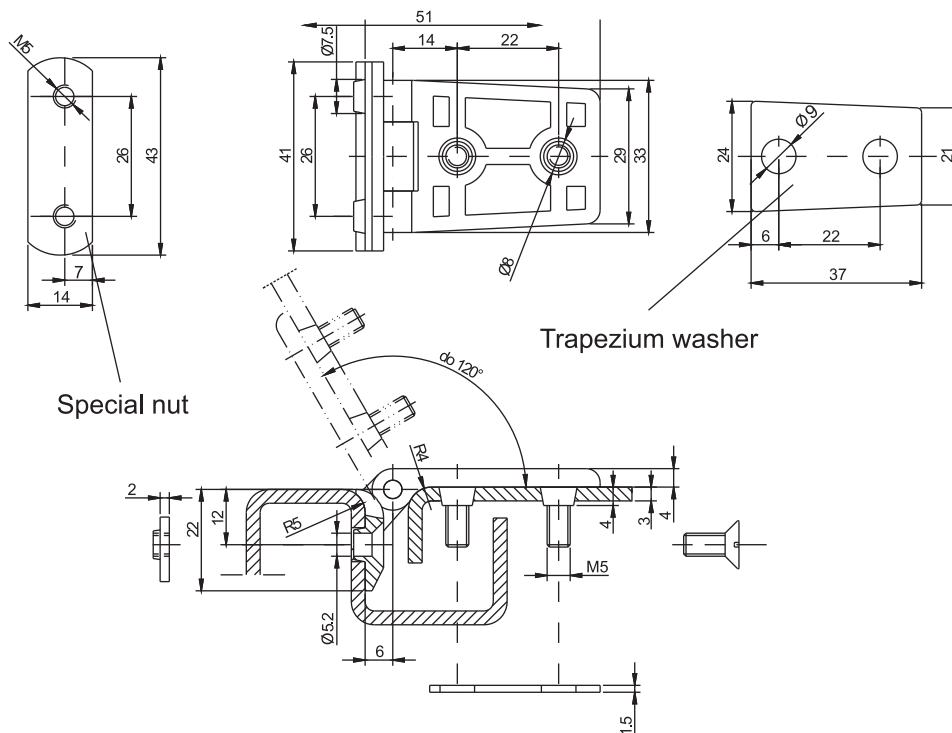
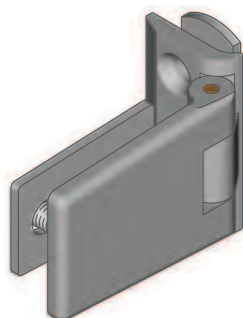
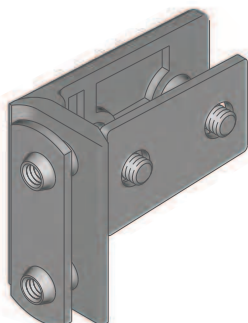
3A



Trapezium washer

| CATALOGUE NUMBER | FINISH            | COMPONENTS           | MATERIAL          |
|------------------|-------------------|----------------------|-------------------|
| 3.ZN1.001        | RAL 9005, 7035, * | Holder, Base,<br>Pin | ZAMAK 5           |
|                  |                   | Washer, nut          | Steel zinc plated |

When ordering, specify the color or finishing type



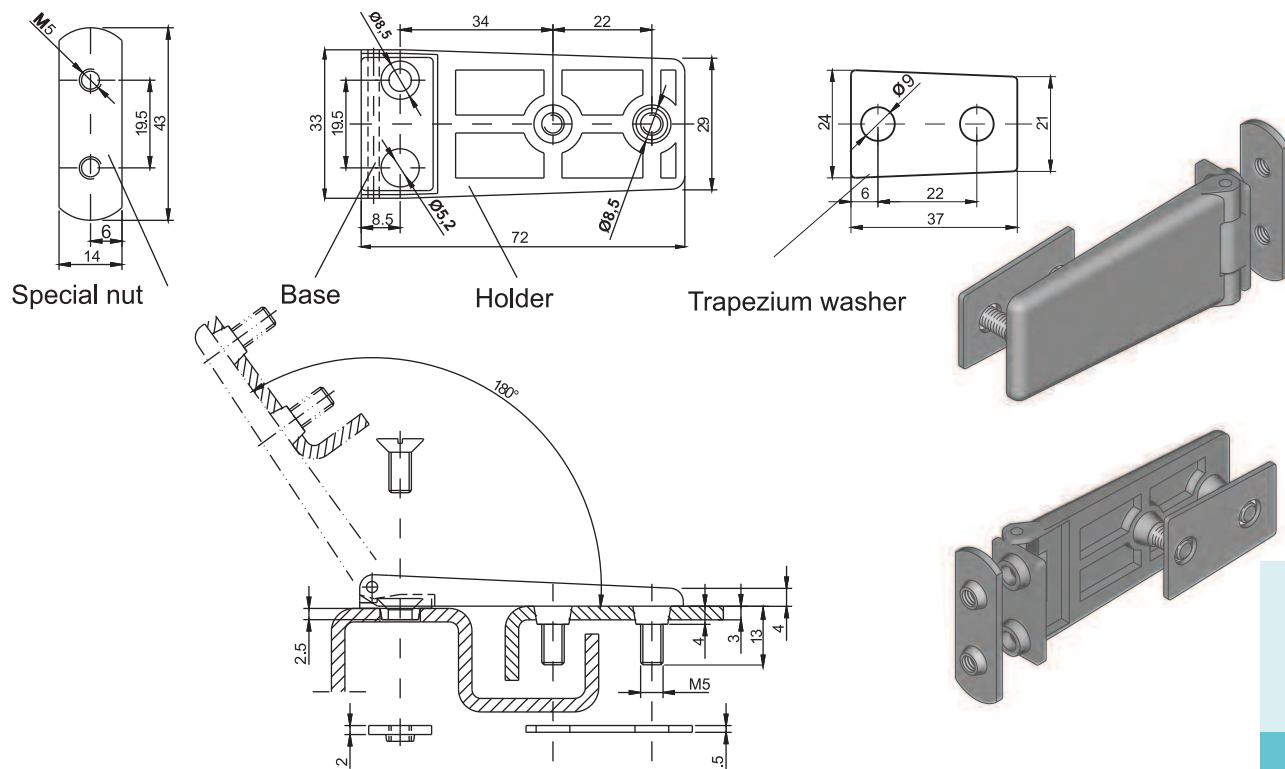
Special nut

Trapezium washer

| CATALOGUE NUMBER | FINISH            | COMPONENTS           | MATERIAL          |
|------------------|-------------------|----------------------|-------------------|
| 3.ZN2.001        | RAL 9005, 7035, * | Holder, Base,<br>Pin | ZAMAK 5           |
|                  |                   | Washer, nut          | Steel zinc plated |

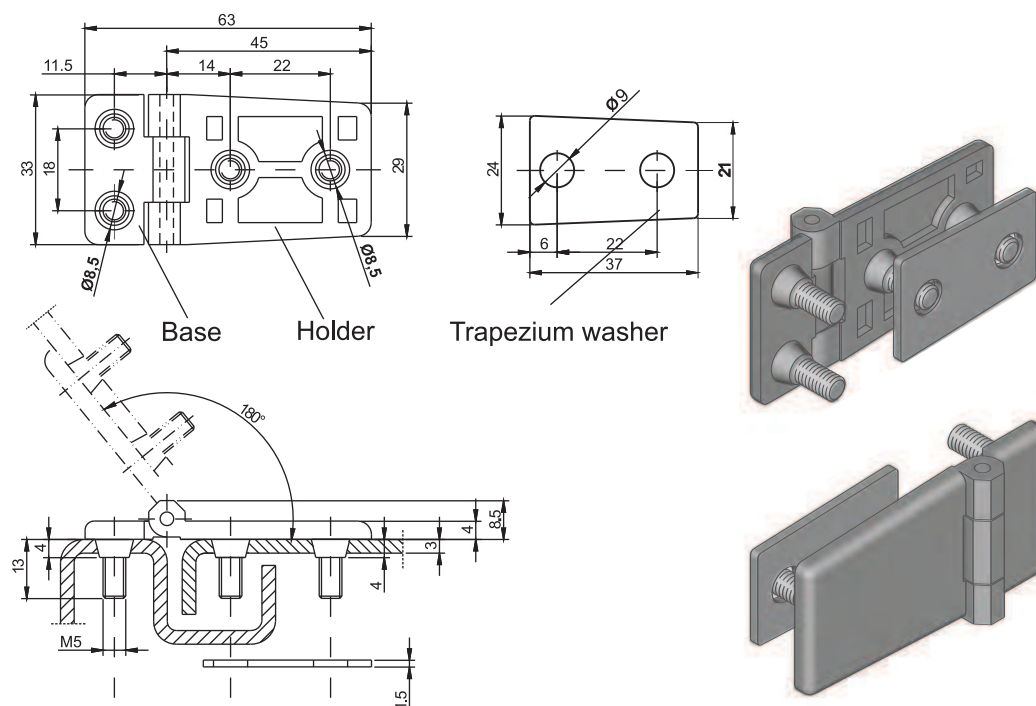
\* possibility to make a different color

When ordering, specify the color or finishing type



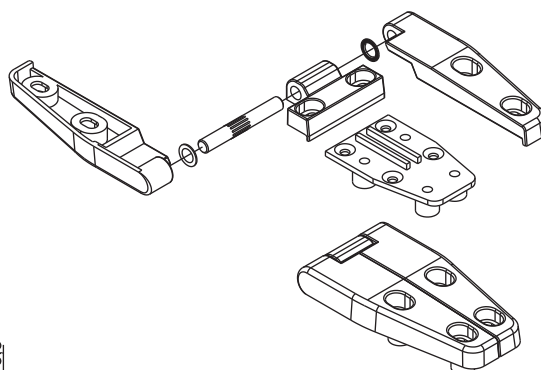
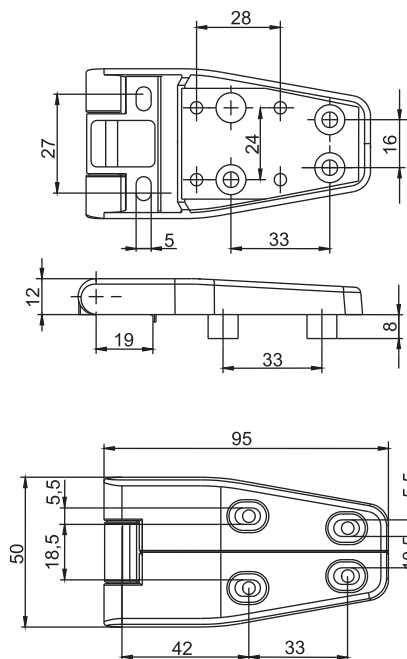
| CATALOGUE NUMBER | FINISH            | COMPONENTS         | MATERIAL          |
|------------------|-------------------|--------------------|-------------------|
| 3.ZN3.001        | RAL 9005, 7035, * | Holder, Base,      | ZAMAK 5           |
|                  |                   | Pin<br>Washer, nut | Steel zinc plated |

When ordering, specify the color or finishing type



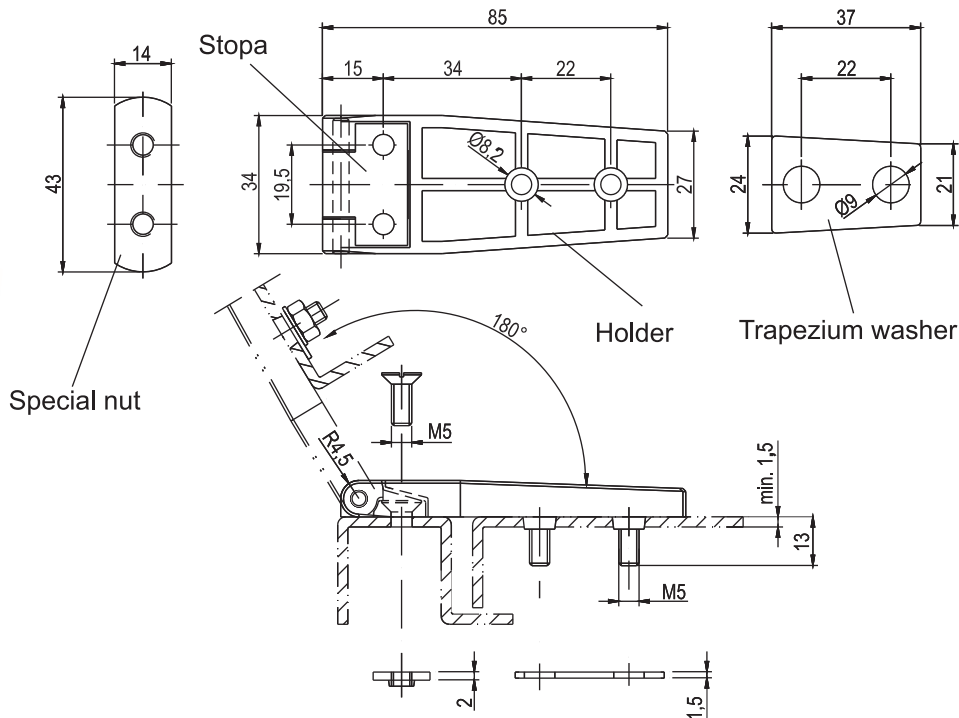
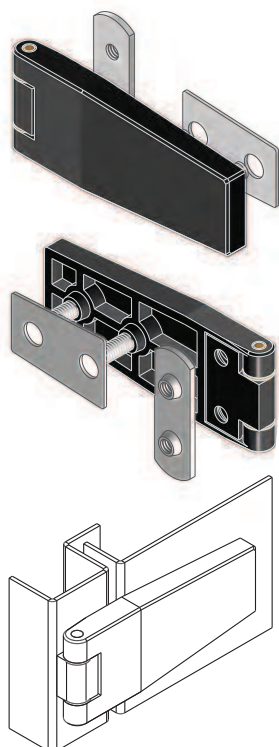
| CATALOGUE NUMBER | FINISH            | COMPONENTS         | MATERIAL          |
|------------------|-------------------|--------------------|-------------------|
| 3.ZN4.001        | RAL 9005, 7035, * | Holder, Base,      | ZAMAK 5           |
|                  |                   | Pin<br>Washer, nut | Steel zinc plated |

\* possibility to make a different color  
When ordering, specify the color or finishing type

**NEW**


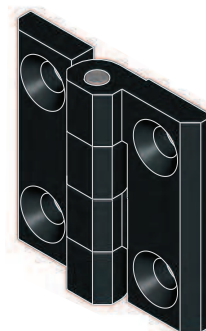
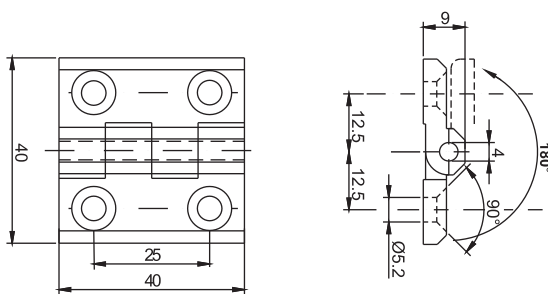
| CATALOGUE NUMBER | FINISH         | COMPONENTS         | MATERIAL          |
|------------------|----------------|--------------------|-------------------|
| 3.ZN115.001      | RAL 9005, 7035 | Holder, Base,      | ZAMAK 5           |
|                  |                | Pin<br>Washer, nut | Steel zinc plated |

When ordering, specify the color or finishing type



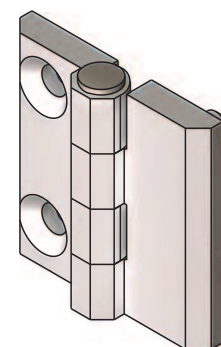
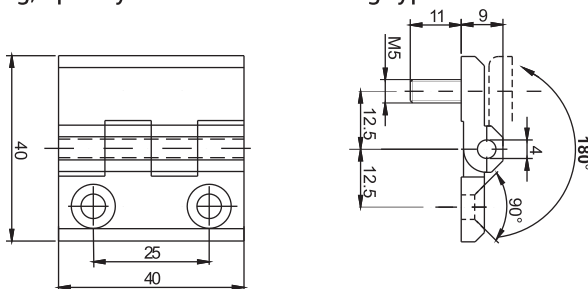
| CATALOGUE NUMBER | FINISH         | COMPONENTS         | MATERIAL          |
|------------------|----------------|--------------------|-------------------|
| 3.ZN110.001      | RAL 9005, 7035 | Holder, Base,      | ZAMAK 5           |
|                  |                | Pin<br>Washer, nut | Steel zinc plated |

When ordering, specify the color or finishing type



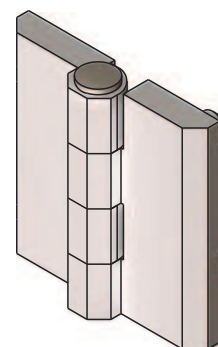
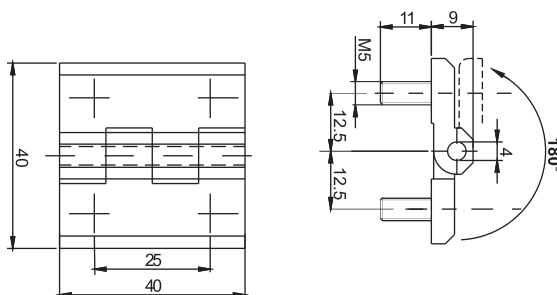
| CATALOGUE NUMBER | FINISH                  | COMPONENTS   | MATERIAL        |
|------------------|-------------------------|--------------|-----------------|
| 3.ZN60.001       | Chrome<br>RAL 9005,7035 | Holder, Base | ZAMAK 5         |
| 3.ZN60.003       | Burnish                 | Holder, Base | Stainless steel |

When ordering, specify the color or finishing type



| CATALOGUE NUMBER | FINISH                   | COMPONENTS   | MATERIAL             |
|------------------|--------------------------|--------------|----------------------|
| 3.ZN60.004       | Chrome<br>RAL 9005, 7035 | Holder, Base | ZAMAK 5              |
|                  |                          | Screw        | Steel zinc plated, * |

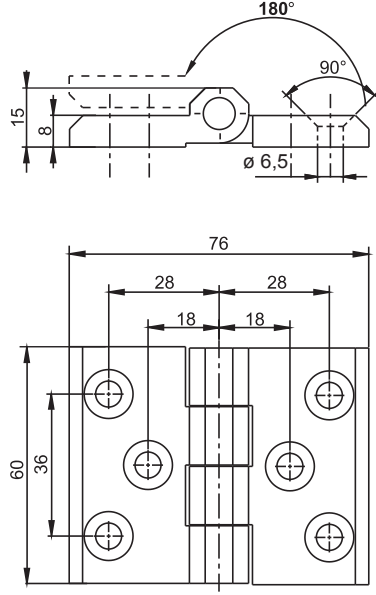
When ordering, specify the color or finishing type



| CATALOGUE NUMBER | FINISH                   | COMPONENTS   | MATERIAL             |
|------------------|--------------------------|--------------|----------------------|
| 3.ZN60.002       | Chrome<br>RAL 9005, 7035 | Holder, Base | ZAMAK 5              |
|                  |                          | Screw        | Steel zinc plated, * |

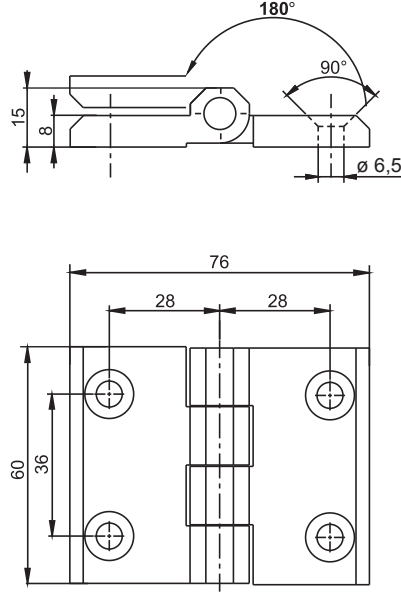
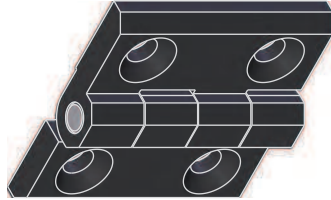
\* possibility to order stainless steel pin.

When ordering, specify the color or finishing type



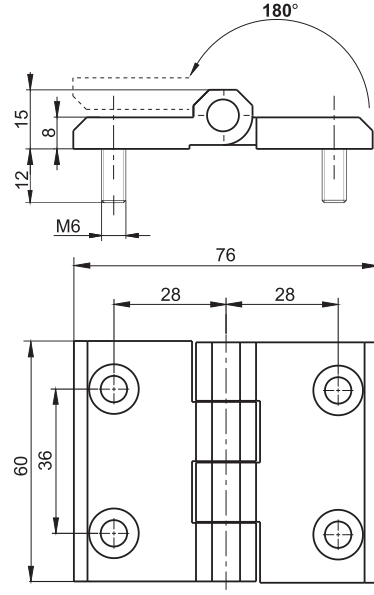
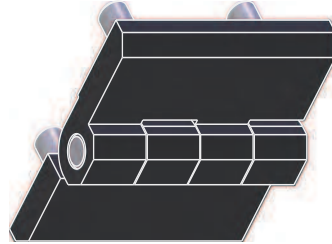
| CATALOGUE NUMBER | FINISH                   | COMPONENTS   | MATERIAL |
|------------------|--------------------------|--------------|----------|
| 3.ZN66.001       | Chrome<br>RAL 9005, 7035 | Holder, Base | ZAMAK 5  |

When ordering, specify the color or finishing type



| CATALOGUE NUMBER | FINISH                   | COMPONENTS   | MATERIAL |
|------------------|--------------------------|--------------|----------|
| 3.ZN66.002       | Chrome<br>RAL 9005, 7035 | Holder, Base | ZAMAK 5  |

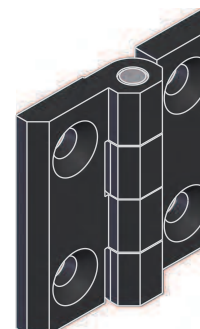
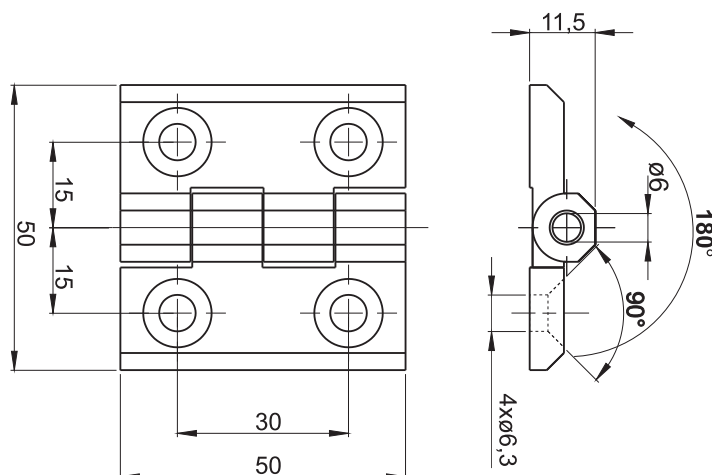
When ordering, specify the color or finishing type



| CATALOGUE NUMBER | FINISH                   | COMPONENTS            | MATERIAL                        |
|------------------|--------------------------|-----------------------|---------------------------------|
| 3.ZN66.003       | Chrome<br>RAL 9005, 7035 | Holder, Base<br>Screw | ZAMAK 5<br>Steel zinc plated, * |

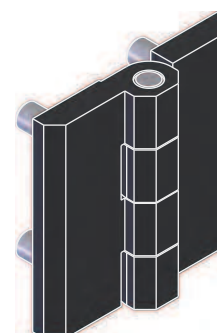
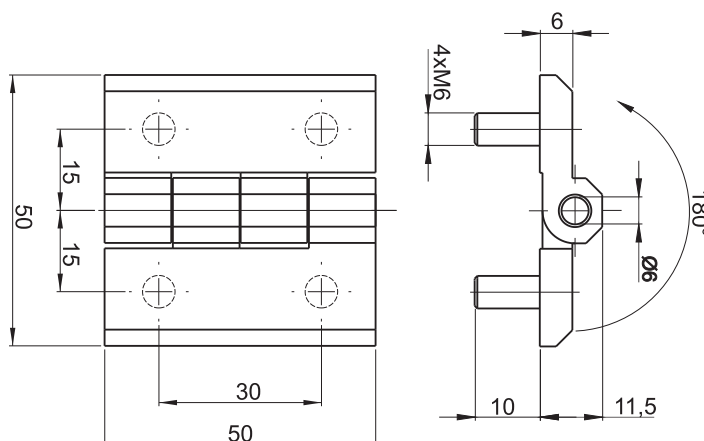
\* possibility to order stainless steel pin.

When ordering, specify the color or finishing type



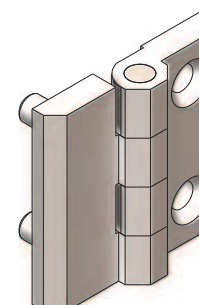
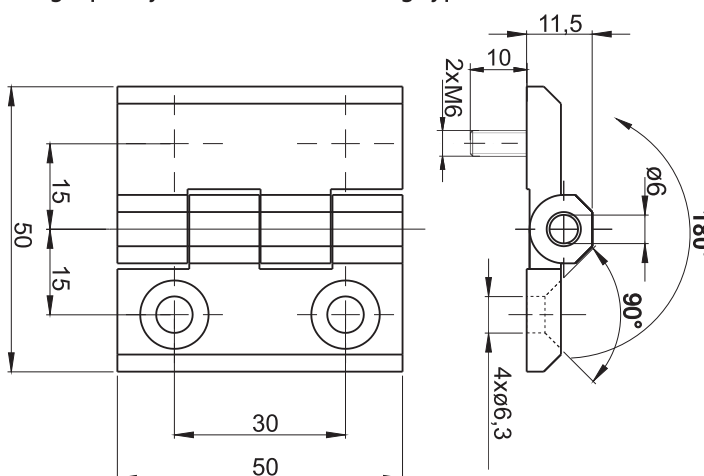
| CATALOGUE NUMBER | FINISH                  | COMPONENTS   | MATERIAL        |
|------------------|-------------------------|--------------|-----------------|
| 3.ZN65.001       | Chrome<br>RAL 9005,7035 | Holder, Base | ZAMAK 5         |
|                  |                         | Screw        | Stainless steel |

When ordering, specify the color or finishing type



| CATALOGUE NUMBER | FINISH                   | COMPONENTS   | MATERIAL             |
|------------------|--------------------------|--------------|----------------------|
| 3.ZN65.002       | Chrome<br>RAL 9005, 7035 | Holder, Base | ZAMAK 5              |
|                  |                          | Screw        | Steel zinc plated, * |

When ordering, specify the color or finishing type

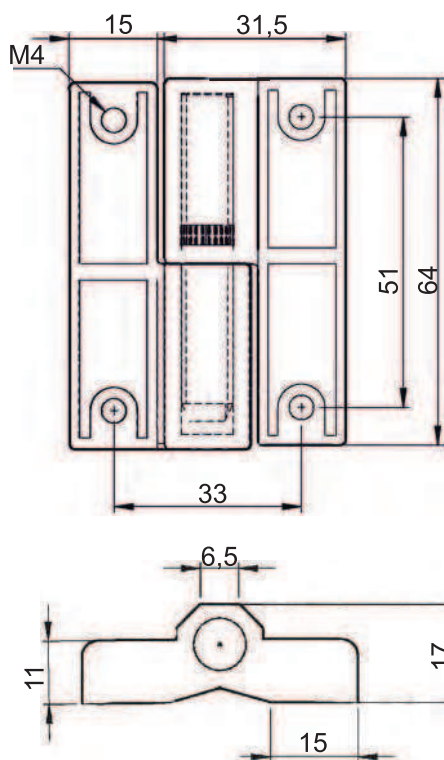


| CATALOGUE NUMBER | FINISH                   | COMPONENTS   | MATERIAL             |
|------------------|--------------------------|--------------|----------------------|
| 3.ZN65.003       | Chrome<br>RAL 9005, 7035 | Holder, Base | ZAMAK 5              |
|                  |                          | Screw        | Steel zinc plated, * |

\* possibility to order stainless steel pin.

When ordering, specify the color or finishing type

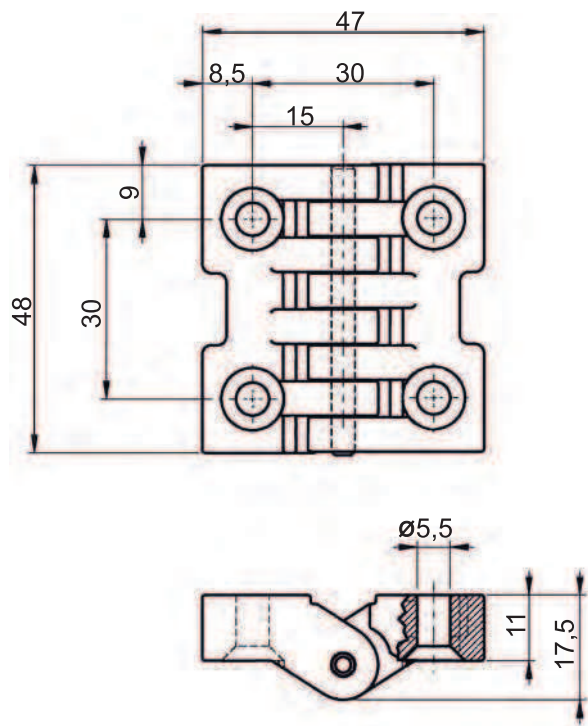
NEW



| CATALOGUE NUMBER | FINISH                  | COMPONENTS   | MATERIAL          |
|------------------|-------------------------|--------------|-------------------|
| 3.526.001        | Chrome<br>RAL 9005,7035 | Holder, Base | ZAMAK 5           |
|                  |                         | Pin          | Steel zinc plated |

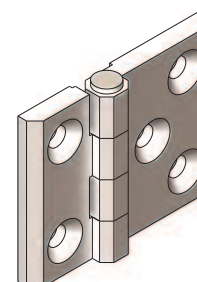
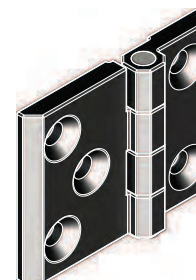
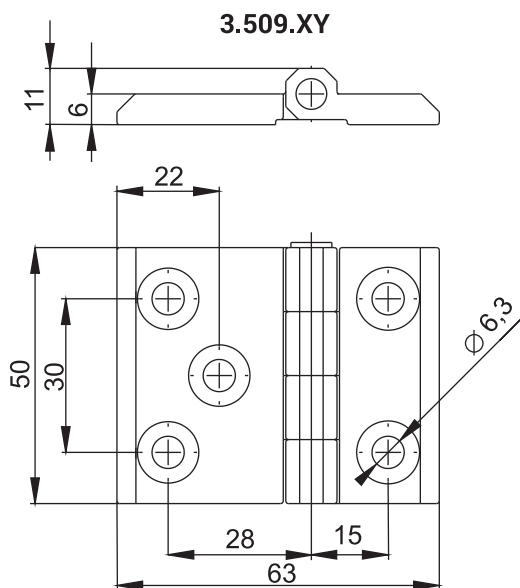
NEW

When ordering, specify the color or finishing type

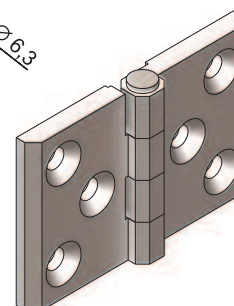
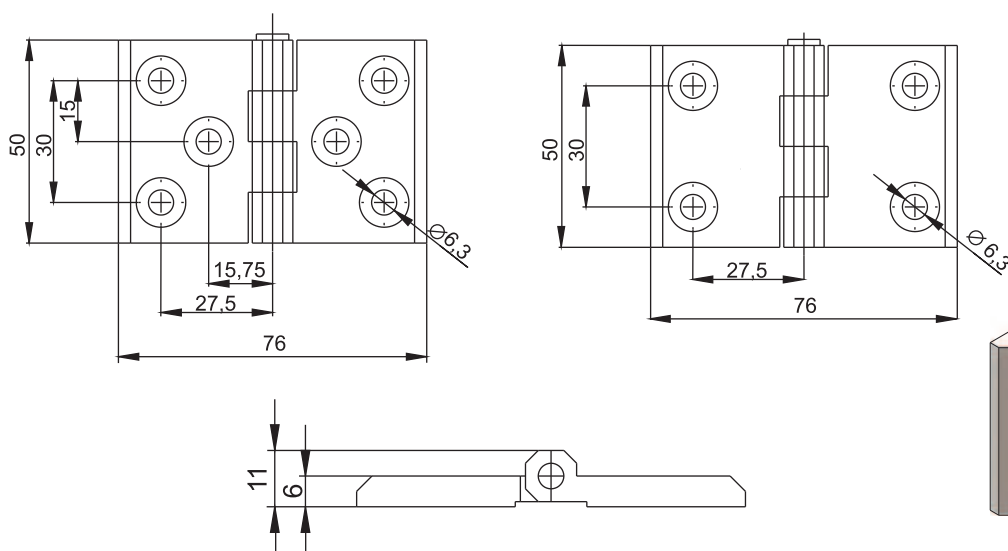


| CATALOGUE NUMBER | FINISH                   | COMPONENTS   | MATERIAL          |
|------------------|--------------------------|--------------|-------------------|
| 3.527.001        | Chrome<br>RAL 9005, 7035 | Holder, Base | Polyamide         |
|                  |                          | Pin          | Steel zinc plated |

When ordering, specify the color or finishing type



**3.510.XY**



where:

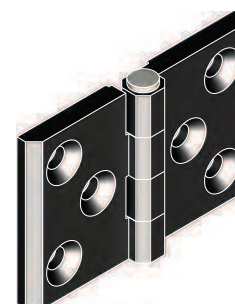
X - the way of assembling the hinge

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

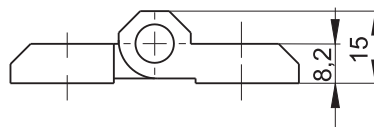
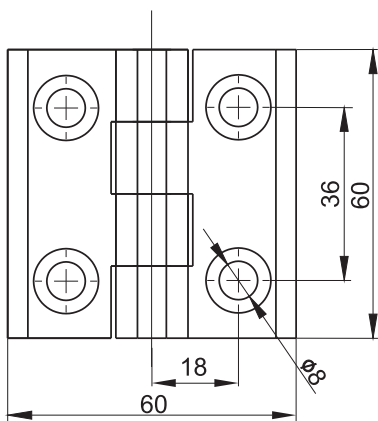
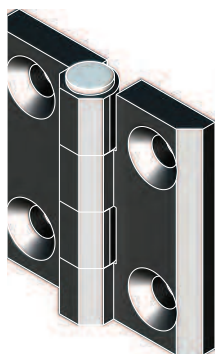
Y - finish

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

| HINGE    | FINISH |    |    |
|----------|--------|----|----|
| 3.509.XY | 11     | 12 | -  |
|          | 21     | 22 | 23 |
| 3.510.XY | 01     | 02 | -  |



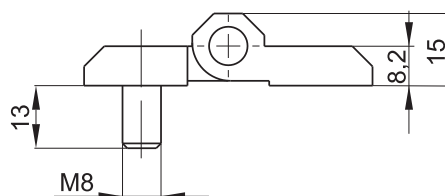
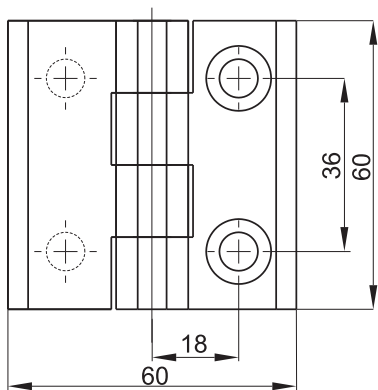
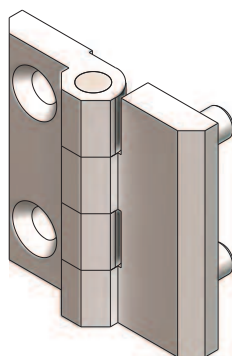
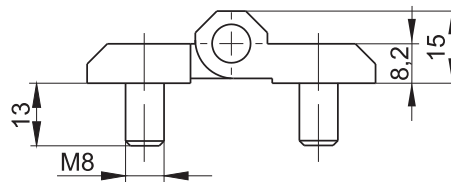
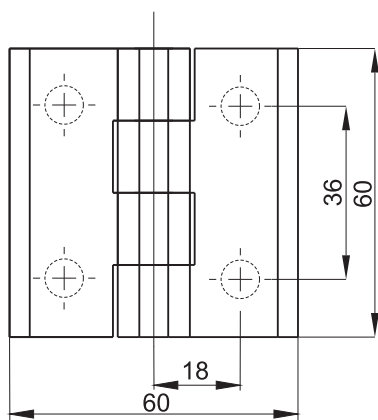
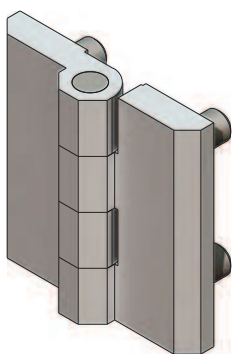
| CATALOGUE NUMBER     | COMPONENTS   | MATERIAL          |
|----------------------|--------------|-------------------|
| 3.509.XY<br>3.510.XY | Holder, Base | ZAMAK 5           |
|                      | Pin          | Steel zinc plated |



Use screws M8 DIN965

HINGES

3A



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

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

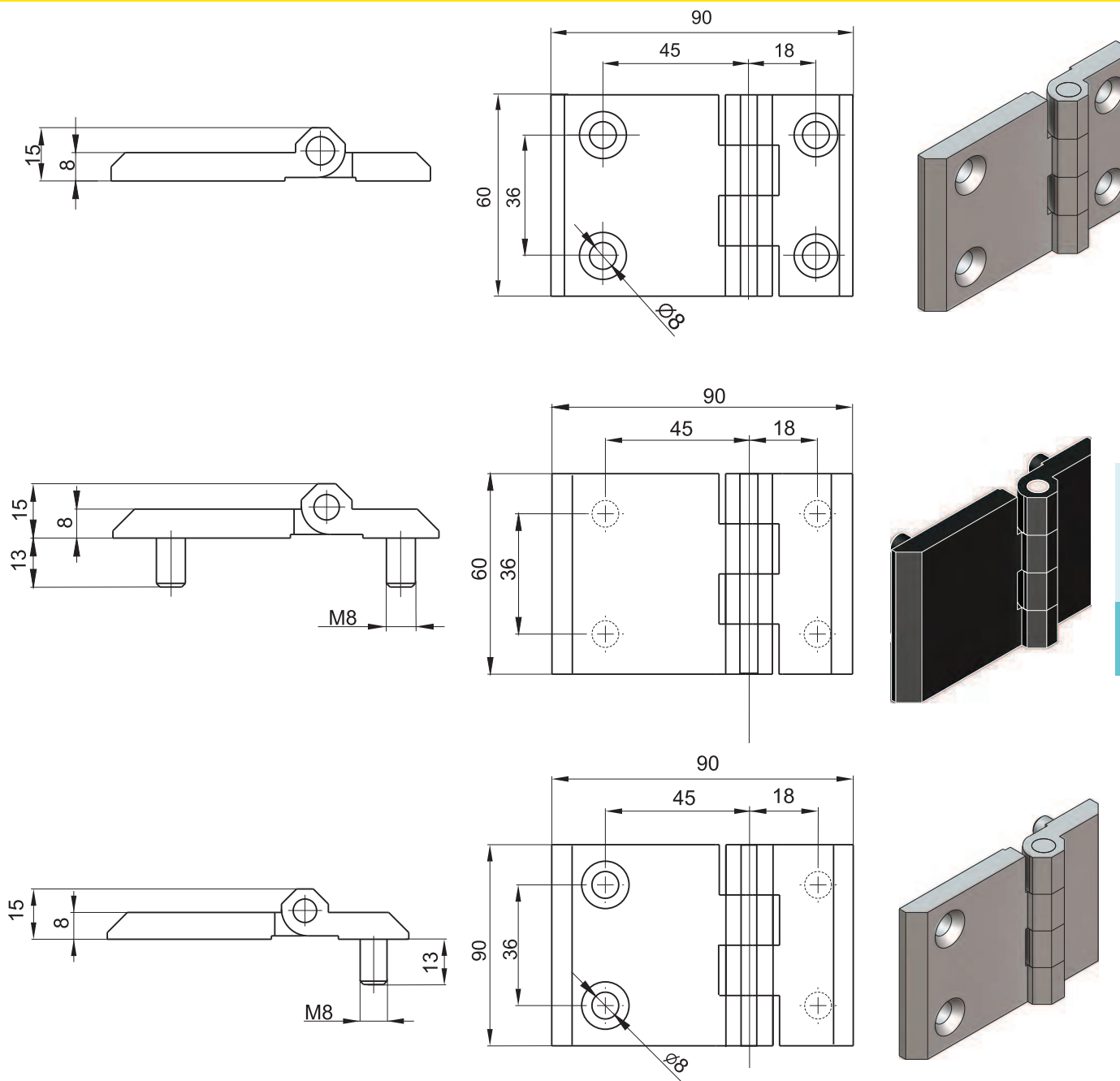
Y - finish

1 - Chrome

2 - RAL 9005

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

\* possibility to order stainless steel pin.



HINGES

3A

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

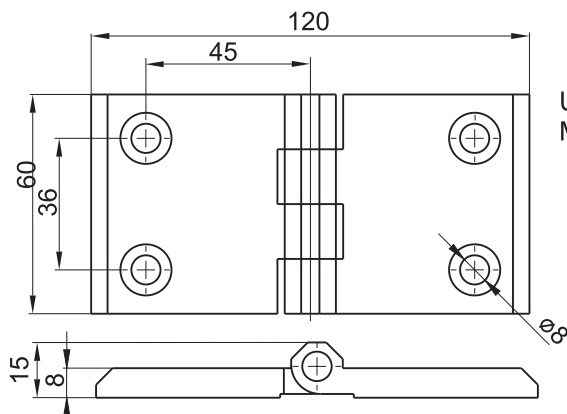
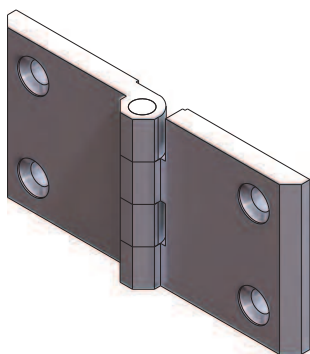
1 - Chrome

2 - RAL 9005

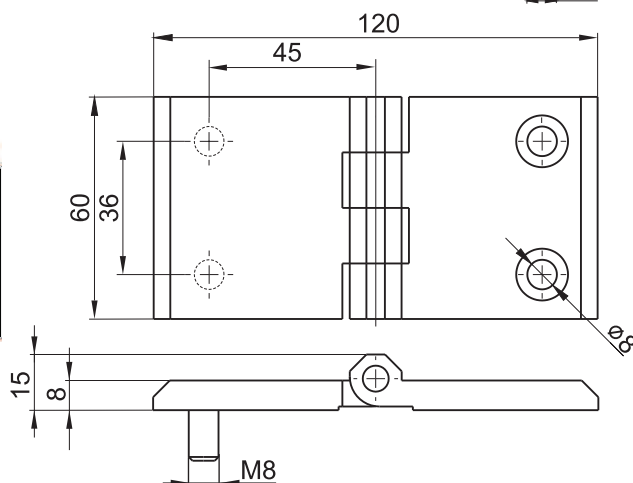
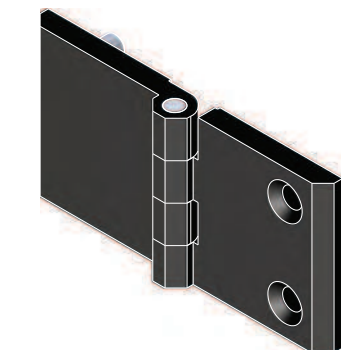
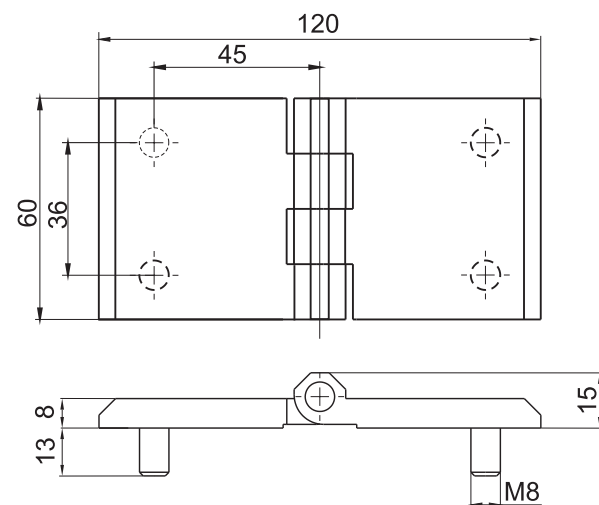
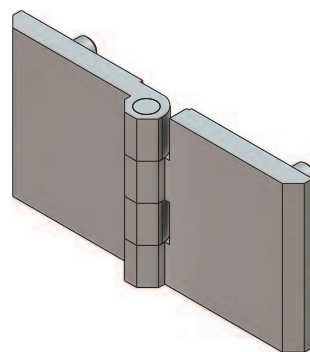
| HINGE    | FINISH |    |
|----------|--------|----|
| 3.512.XY | 11     | 12 |
|          | 21     | 22 |
|          | 31     | 32 |

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

\* possibility to order stainless steel pin.



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

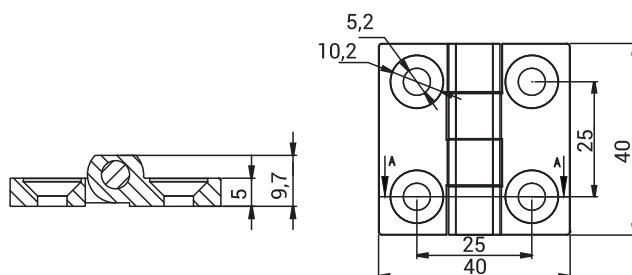
1 - Chrome

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 |

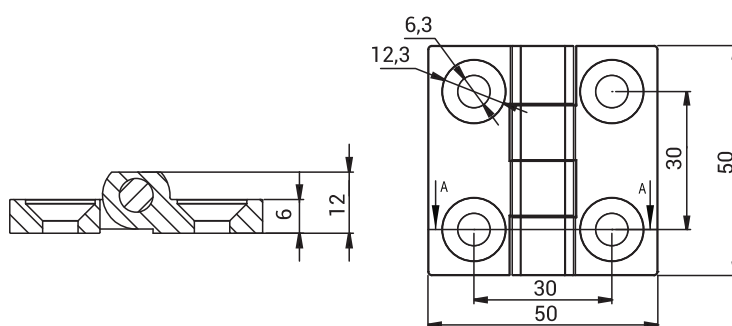
\* possibility to order stainless steel pin.



NEW

S  
stainless steel

| CATALOGUE NUMBER | FINISH   | COMPONENTS   | MATERIAL        |
|------------------|----------|--------------|-----------------|
| 3.540.001        | RAL 9005 | Holder, Base | Stainless steel |



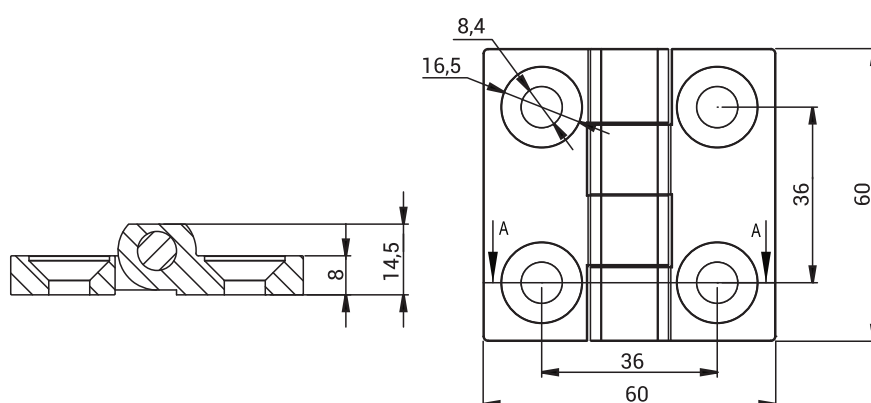
NEW

S  
stainless steel

HINGES

3A

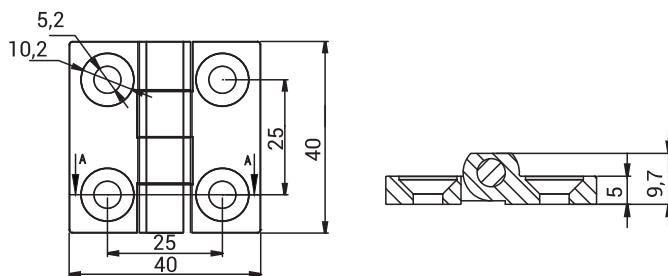
| CATALOGUE NUMBER | FINISH   | COMPONENTS   | MATERIAL        |
|------------------|----------|--------------|-----------------|
| 3.540.002        | RAL 9005 | Holder, Base | Stainless steel |



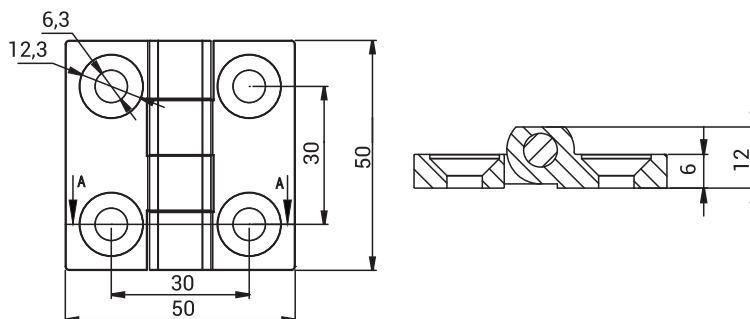
NEW

S  
stainless steel

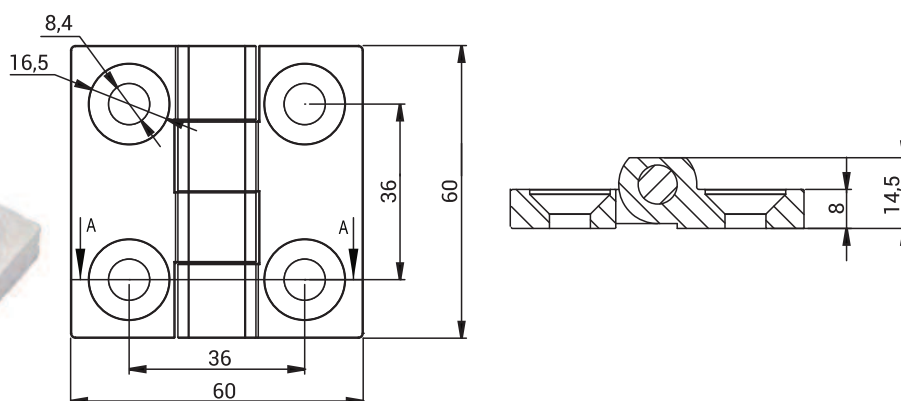
| CATALOGUE NUMBER | FINISH   | COMPONENTS   | MATERIAL        |
|------------------|----------|--------------|-----------------|
| 3.540.003        | RAL 9005 | Holder, Base | Stainless steel |



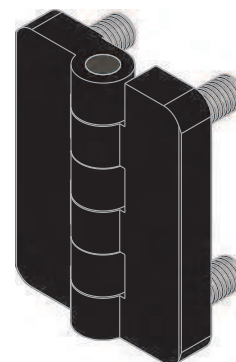
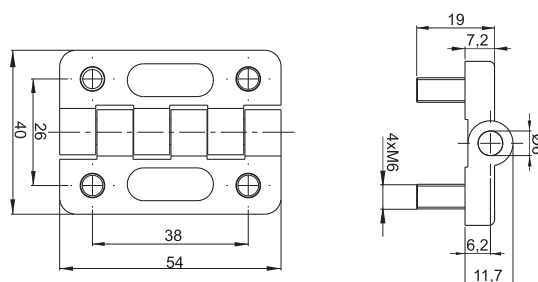
| CATALOGUE NUMBER | FINISH  | COMPONENTS   | MATERIAL        |
|------------------|---------|--------------|-----------------|
| 3.541.001        | Burnish | Holder, Base | Stainless steel |



| CATALOGUE NUMBER | FINISH  | COMPONENTS   | MATERIAL        |
|------------------|---------|--------------|-----------------|
| 3.541.002        | Burnish | Holder, Base | Stainless steel |



| CATALOGUE NUMBER | FINISH  | COMPONENTS   | MATERIAL        |
|------------------|---------|--------------|-----------------|
| 3.541.003        | Burnish | Holder, Base | Stainless steel |



| CATALOGUE NUMBER | FINISH   | COMPONENTS   | MATERIAL          |
|------------------|----------|--------------|-------------------|
| 3.ZN68.001*      | RAL 9005 | Holder, Base | ZAMAK 5           |
|                  |          | Pin          | Steel zinc plated |

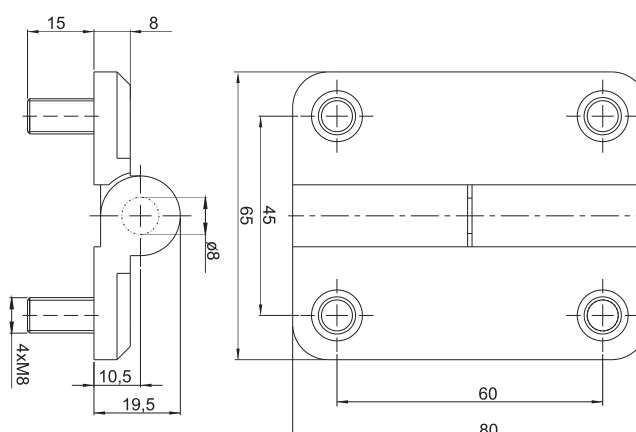
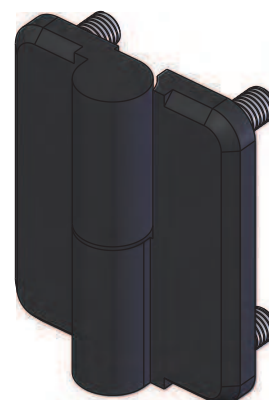


VERSION RIGHT

3.ZN67.001  
3.ZN67.003

VERSION LEFT

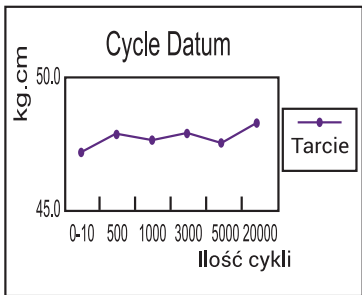
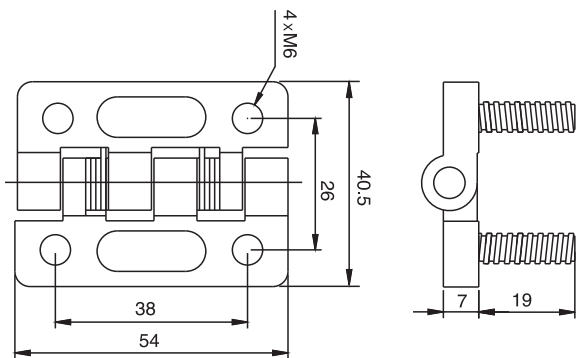
3.ZN67.002  
3.ZN67.004



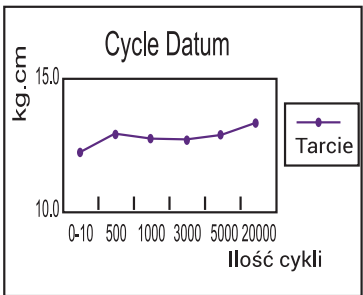
| CATALOGUE NUMBER | FINISH   | COMPONENTS   | MATERIAL          |
|------------------|----------|--------------|-------------------|
| 3.ZN67.001*      | RAL 9005 | Holder, Base | ZAMAK 5           |
| 3.ZN67.002*      |          | Pin          | Steel zinc plated |
| 3.ZN67.003*      | RAL 7035 | Holder,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

\* possibility to order stainless steel pin.

NEW



Hinge 3.543.001

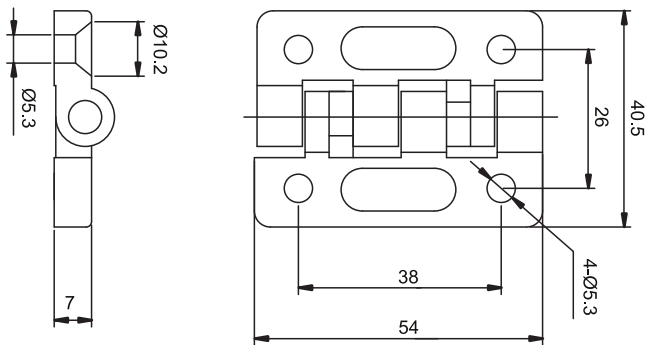


Hinge 3.543.002

| Type      | Torque             |
|-----------|--------------------|
| 3.543.001 | 47 kg.cm $\pm$ 15% |
| 3.543.002 | 12 kg.cm $\pm$ 15% |

| CATALOGUE NUMBER | FINISH  | COMPONENTS   | MATERIAL        |
|------------------|---------|--------------|-----------------|
| 3.543.001        | RAL9005 | Holder, Base | ZAMAK5          |
| 3.543.002        |         | Pin          | Stainless steel |

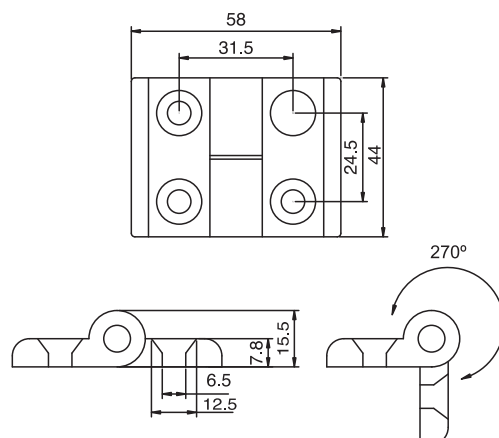
NEW



| CATALOGUE NUMBER | FINISH  | COMPONENTS   | MATERIAL |
|------------------|---------|--------------|----------|
| 3.543.101        | RAL9005 | Holder, Base | ZAMAK5   |

Hinges with linear course of frictional resistance.

NEW

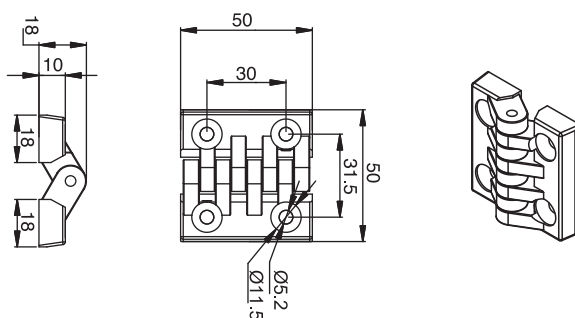
3.544.001  
Version right3.544.002  
Version left

| CATALOGUE NUMBER       | FINISH   | COMPONENTS   | MATERIAL  |
|------------------------|----------|--------------|-----------|
| 3.544.001<br>3.544.002 | RAL 9005 | Holder, Base | Polyamide |

HINGES

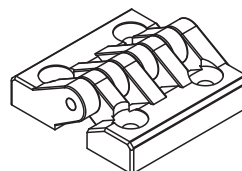
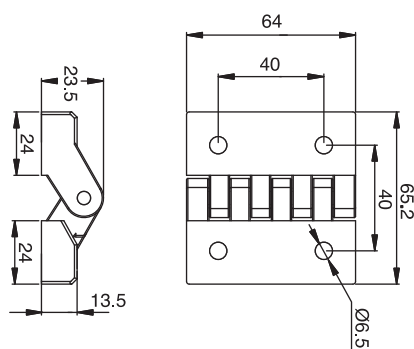
3A

NEW



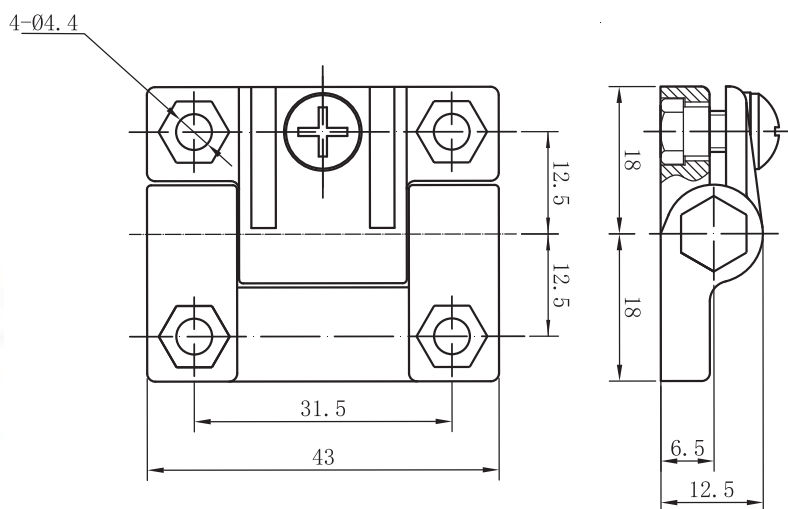
| CATALOGUE NUMBER | FINISH   | COMPONENTS   | MATERIAL  |
|------------------|----------|--------------|-----------|
| 3.545.001        | RAL 9005 | Holder, Base | Polyamide |

NEW



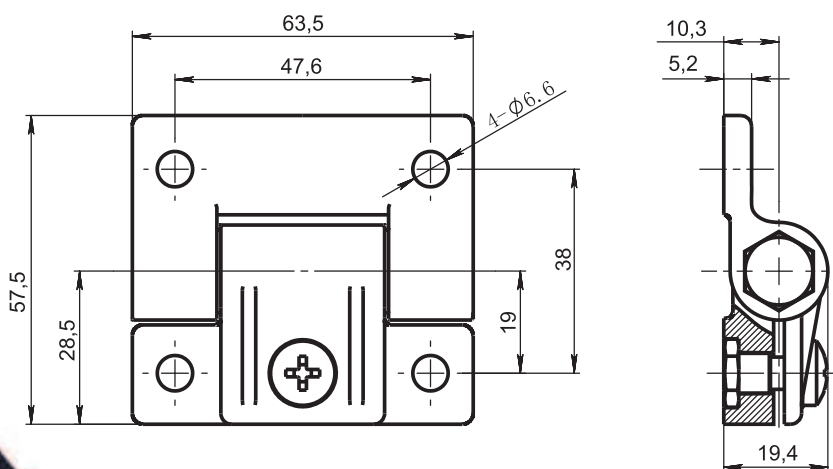
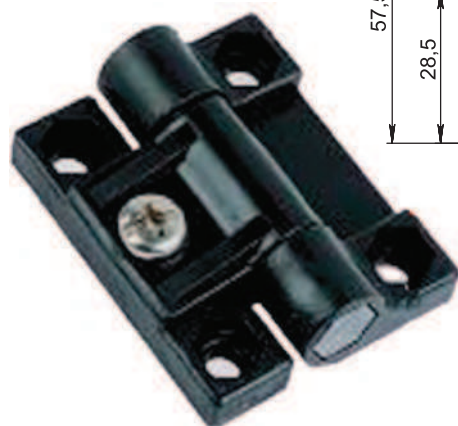
| CATALOGUE NUMBER | FINISH   | COMPONENTS   | MATERIAL  |
|------------------|----------|--------------|-----------|
| 3.545.002        | RAL 9005 | Holder, Base | Polyamide |

NEW



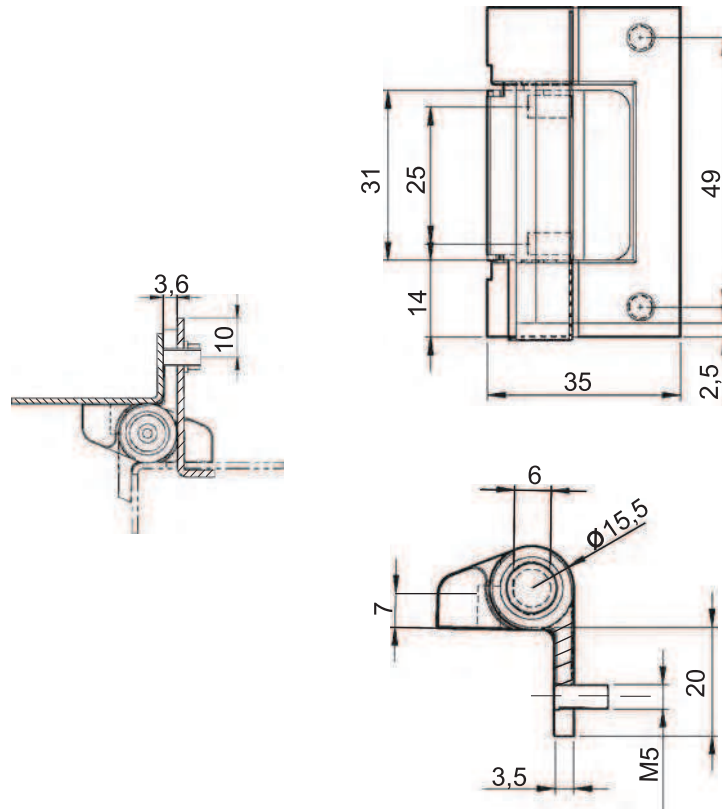
Screw adjustment

| CATALOGUE NUMBER | FINISH   | COMPONENTS   | MATERIAL          |
|------------------|----------|--------------|-------------------|
| 3.516.002        | RAL 9005 | Holder, Base | Polyamide         |
|                  |          | Pin          | Steel zinc plated |



Screw adjustment

| CATALOGUE NUMBER | FINISH   | COMPONENTS   | MATERIAL          |
|------------------|----------|--------------|-------------------|
| 3.516.001        | RAL 9005 | Holder, Base | Polyamide         |
|                  |          | Pin          | Steel zinc plated |



NEW

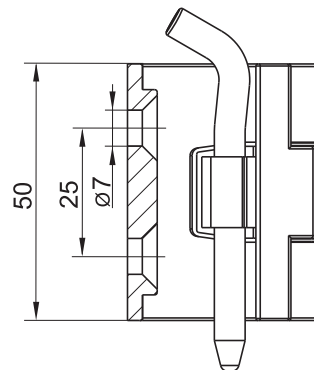
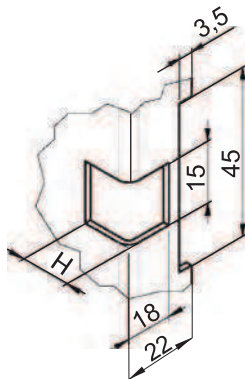


HINGES

3A

| CATALOGUE NUMBER | FINISH             | COMPONENTS   | MATERIAL             |
|------------------|--------------------|--------------|----------------------|
| 3.528.001        | Chrome<br>RAL 9005 | Holder, Base | ZAMAK 5              |
|                  |                    | Pin          | Steel zinc plated, * |

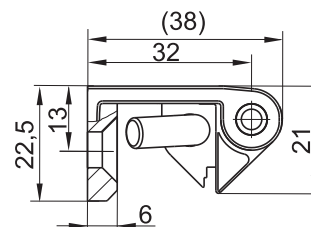
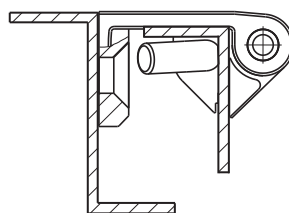
When ordering, specify the color or finishing type



NEW



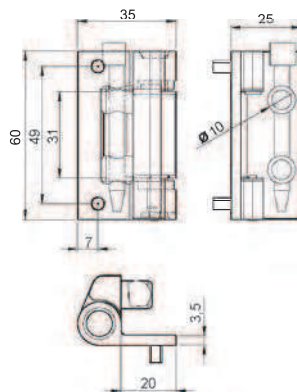
| H [mm] | APPLICATION        |
|--------|--------------------|
| 13     | only sheets 1,5 mm |
| 15     | only sheets 2 mm   |



| CATALOGUE NUMBER | FINISH            | COMPONENTS   | MATERIAL          |
|------------------|-------------------|--------------|-------------------|
| 3.ZN105.001*     | Chrom<br>RAL 9005 | Holder, Base | ZAMAK 5           |
|                  |                   | Pin          | Steel zinc plated |

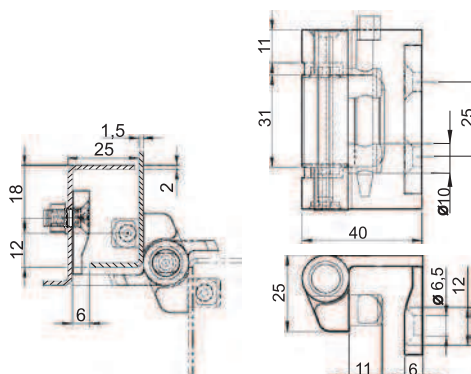
\* possibility to order stainless steel pin.

When ordering, specify the color or finishing type

**NEW**


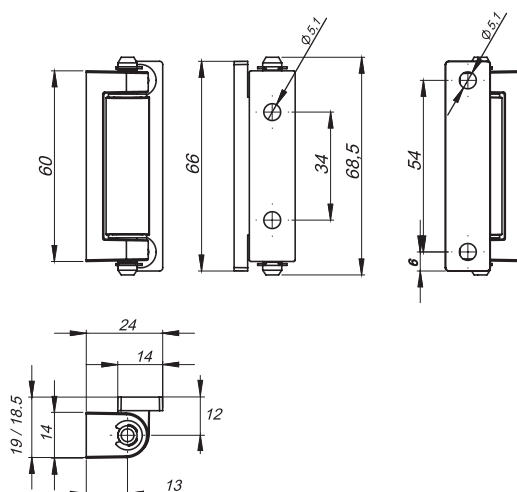
| CATALOGUE NUMBER | FINISH             | COMPONENTS   | MATERIAL            |
|------------------|--------------------|--------------|---------------------|
| 3.529.001*       | Chrome<br>RAL 9005 | Holder, Base | ZAMAK 5             |
|                  |                    | Pin          | Steel zinc plated,* |

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

**NEW**


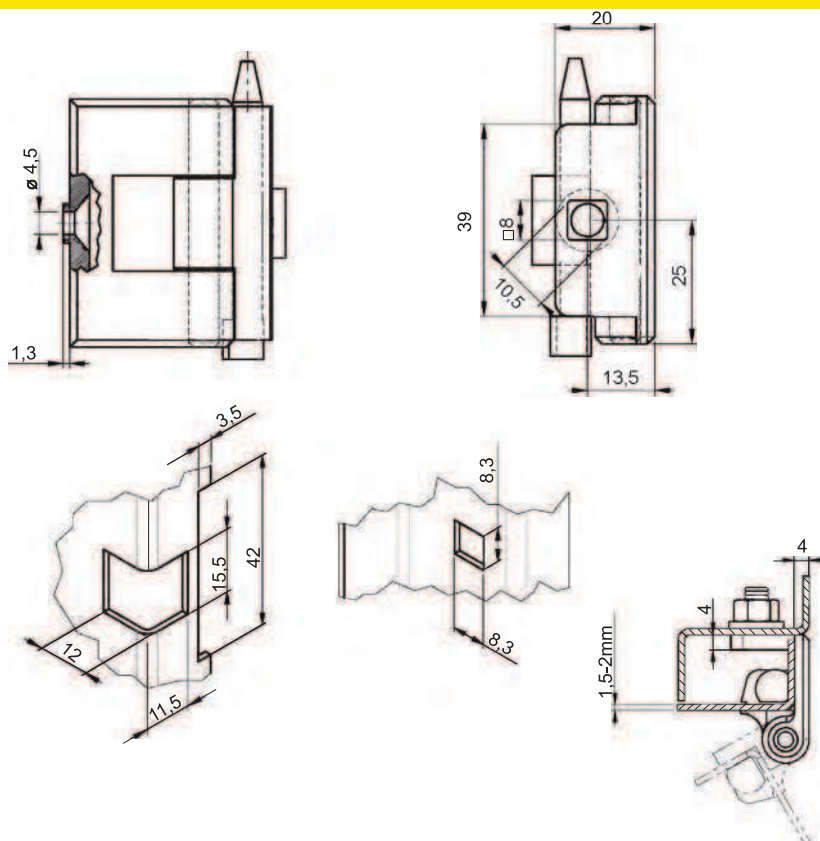
| CATALOGUE NUMBER | FINISH             | COMPONENTS   | MATERIAL          |
|------------------|--------------------|--------------|-------------------|
| 3.530.001**      | Chrome<br>RAL 9005 | Holder, Base | ZAMAK 5           |
|                  |                    | Pin          | Steel zinc plated |

\*\* possible to order polyamide pin.  
When ordering, specify the color or finishing type

**NEW**


| CATALOGUE NUMBER | FINISH            | COMPONENTS   | MATERIAL          |
|------------------|-------------------|--------------|-------------------|
| 3.531.001*       | Chrom<br>RAL 9005 | Holder, Base | ZAMAK 5           |
|                  |                   | Pin          | Steel zinc plated |

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

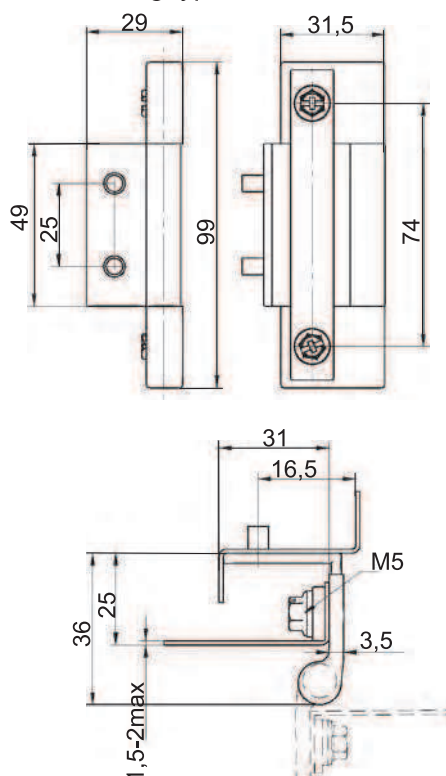


HINGES

3A

| CATALOGUE NUMBER | FINISH             | COMPONENTS   | MATERIAL          |
|------------------|--------------------|--------------|-------------------|
| 3.528.001*       | Chrome<br>RAL 9005 | Holder, Base | ZAMAK 5           |
|                  |                    | Pin          | Steel zinc plated |

When ordering, specify the color or finishing type

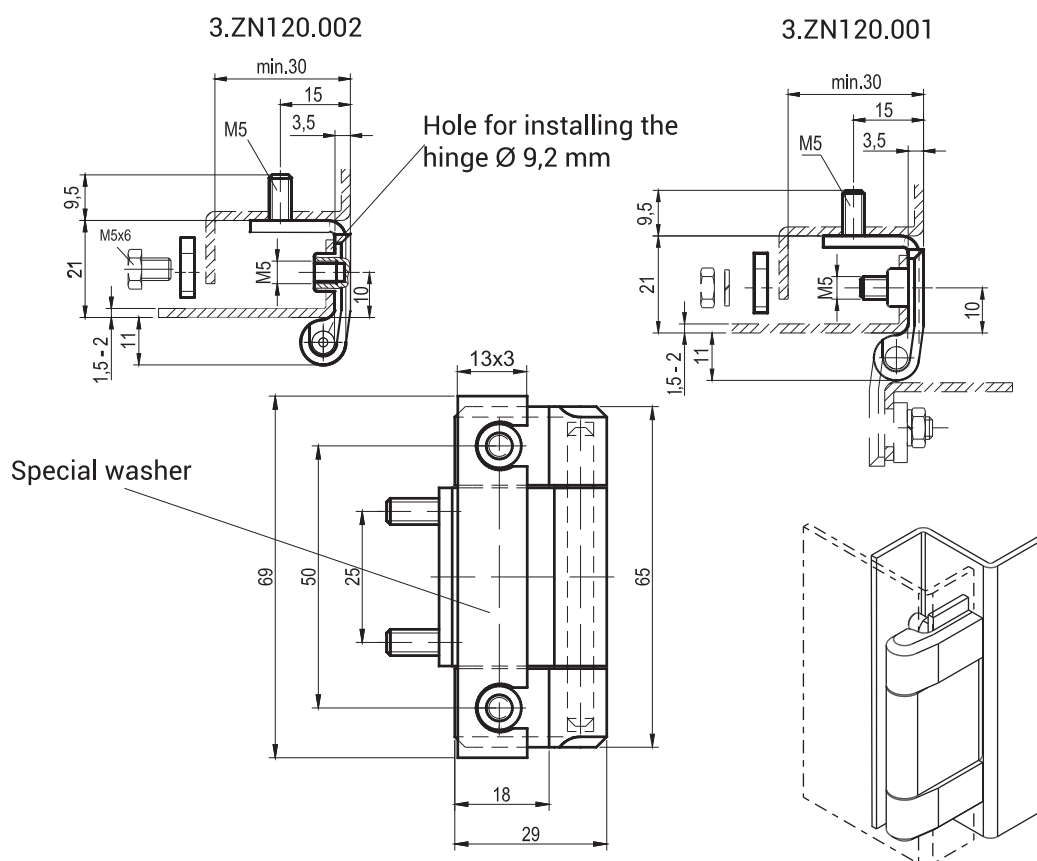
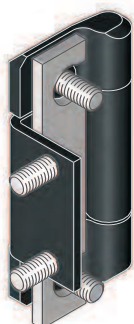
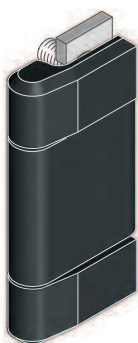


NEW



| CATALOGUE NUMBER | FINISH   | COMPONENTS | MATERIAL          |
|------------------|----------|------------|-------------------|
| 3.536.001        | RAL 9005 | Holder     | ZAMAK 5           |
|                  |          | Base       | Steel zinc plated |

\* possibility to order with polyamide pin

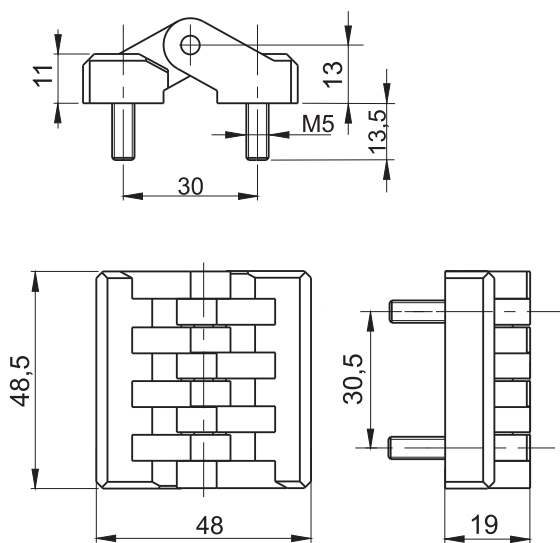
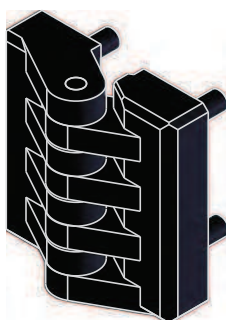


Note:

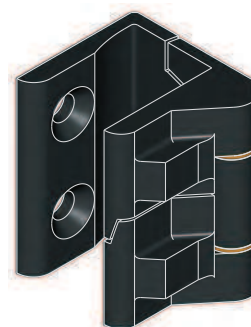
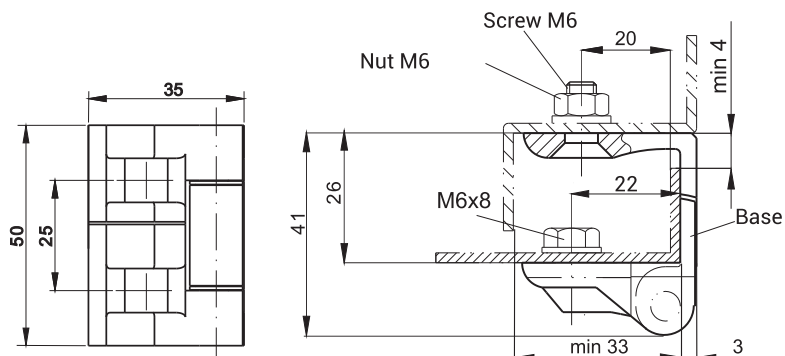
When using the hinge to sheet a thickness of 1 mm, should order special washer having a thickness of 1 mm

| CATALOGUE NUMBER | FINISH   | COMPONENTS   | MATERIAL          |
|------------------|----------|--------------|-------------------|
| 3.ZN120.001      | RAL 9005 | Holder, Base | ZAMAK 5           |
| 3.ZN120.002      | RAL 7035 | Pin          | Steel zinc plated |

When ordering, specify the color or finishing type

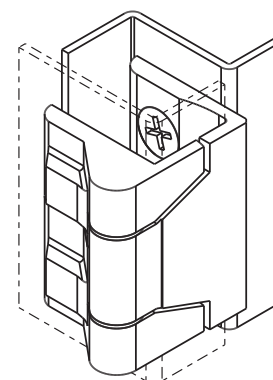
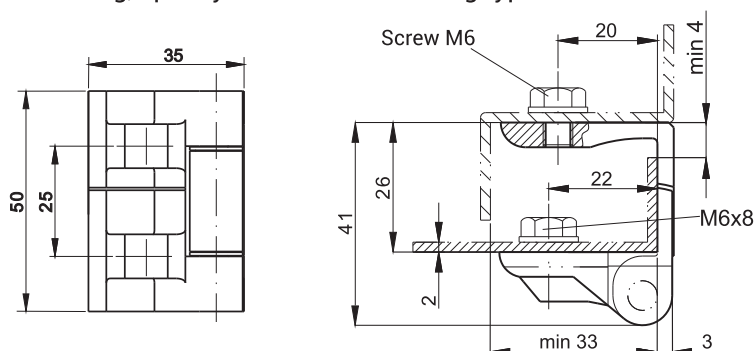


| CATALOGUE NUMBER | FINISH   | COMPONENTS   | MATERIAL        |
|------------------|----------|--------------|-----------------|
| 3.ZN48-PA.001    | RAL 9005 | Holder, Base | Polyamide       |
|                  |          | Pin          | Stainless steel |



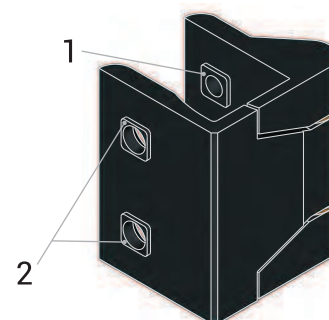
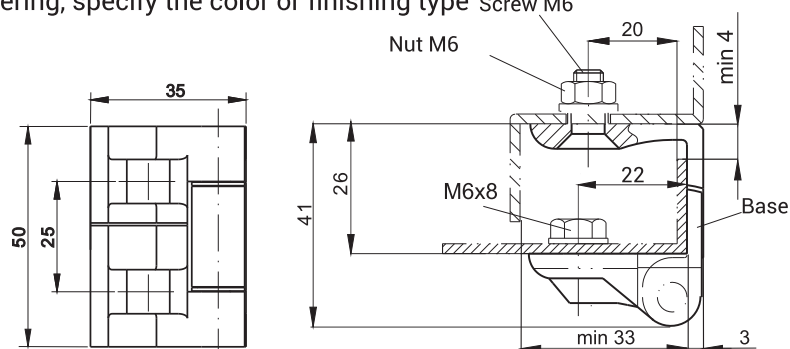
| CATALOGUE NUMBER | FINISH                  | COMPONENTS | MATERIAL          |
|------------------|-------------------------|------------|-------------------|
| 3.ZN130.001      | RAL 9005<br>RAL 7035, * | Holder     | ZAMAK 5           |
|                  |                         | Base       | ZAMAK 5           |
|                  |                         | Pin        | Steel zinc plated |

When ordering, specify the color or finishing type



| CATALOGUE NUMBER | FINISH                  | COMPONENTS | MATERIAL          |
|------------------|-------------------------|------------|-------------------|
| 3.ZN130.002      | RAL 9005<br>RAL 7035, * | Holder     | ZAMAK 5           |
|                  |                         | Base       | ZAMAK 5           |
|                  |                         | Pin        | Steel zinc plated |

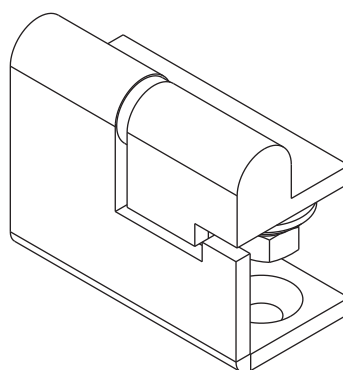
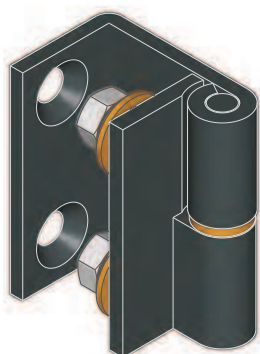
When ordering, specify the color or finishing type



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

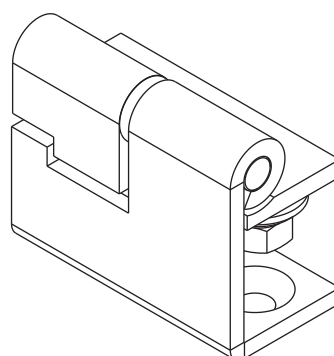
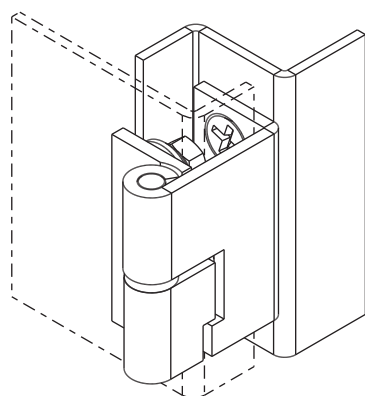
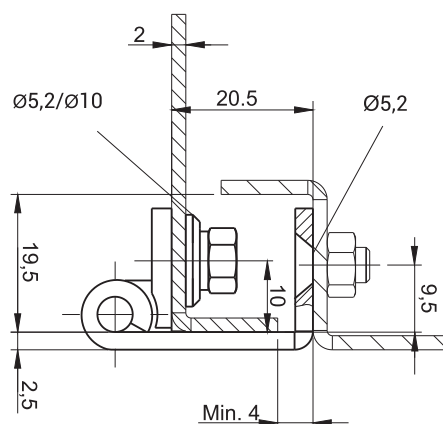
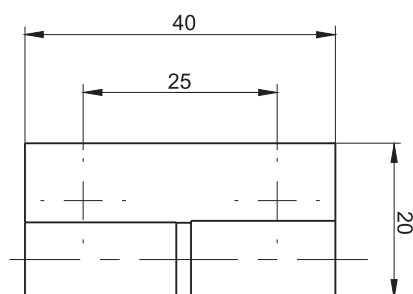
| CATALOGUE NUMBER | FINISH                 | COMPONENTS | MATERIAL          |
|------------------|------------------------|------------|-------------------|
| 3.ZN130.003      | RAL 9005<br>RAL 7035,* | Holder     | ZAMAK 5           |
|                  |                        | Base       | ZAMAK 5           |
|                  |                        | Pin        | Steel zinc plated |

When ordering, specify the color or finishing type


**RIGHT VERSION**

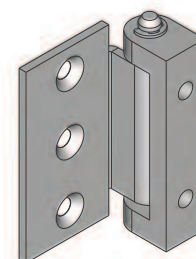
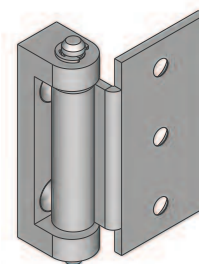
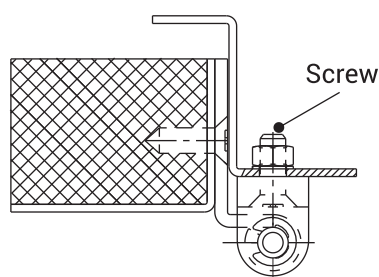
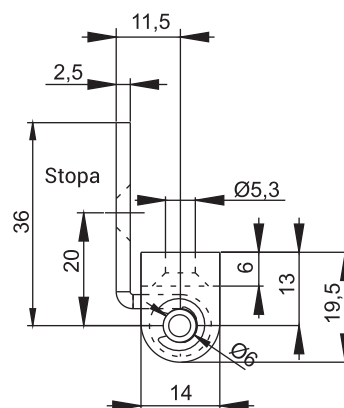
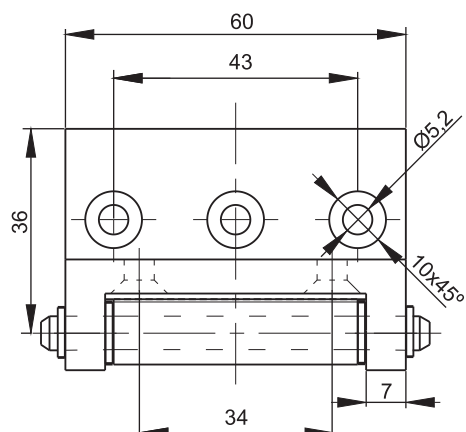
| CATALOGUE NUMBER   | FINISH               | COMPONENTS | MATERIAL          |
|--------------------|----------------------|------------|-------------------|
| <b>3.ZN140.001</b> | RAL 9005<br>RAL 7035 | Holder     | Brass             |
|                    |                      | Base       | Steel zinc plated |
|                    |                      | Pin        | Steel zinc plated |

When ordering, specify the color or finishing type


**LEFT VERSION**


| CATALOGUE NUMBER   | FINISH               | COMPONENTS | MATERIAL          |
|--------------------|----------------------|------------|-------------------|
| <b>3.ZN140.002</b> | RAL 9005<br>RAL 7035 | Holder     | Brass             |
|                    |                      | Base       | Steel zinc plated |
|                    |                      | Pin        | Steel zinc plated |

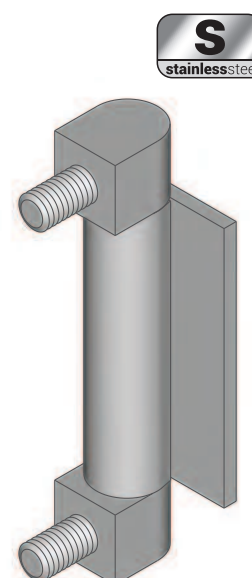
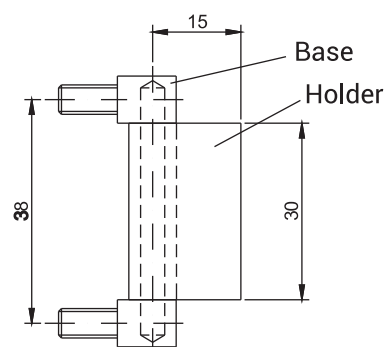
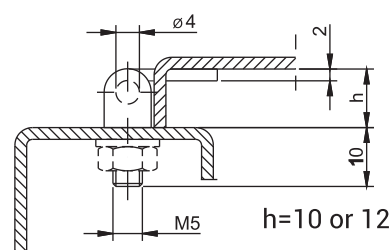
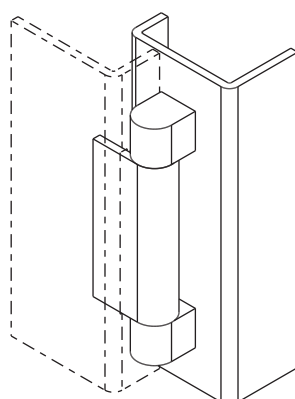
When ordering, specify the color or finishing type



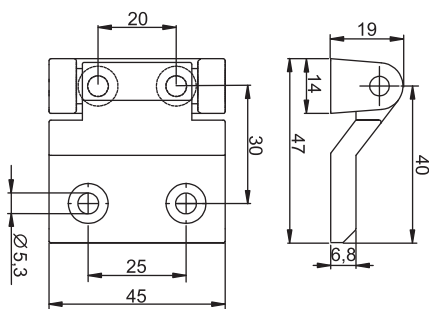
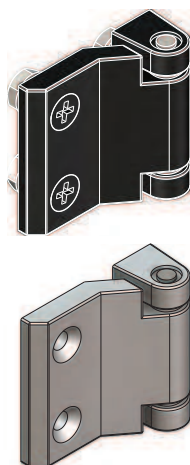
HINGES

3A

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



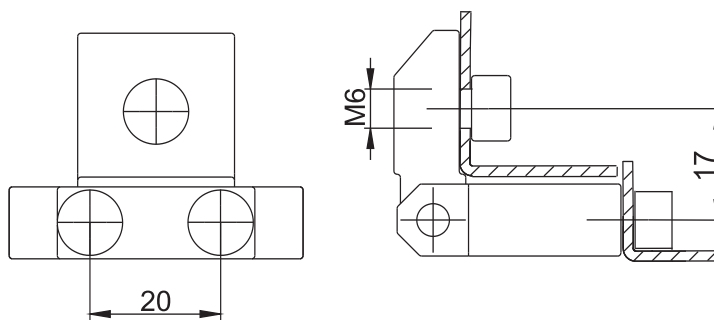
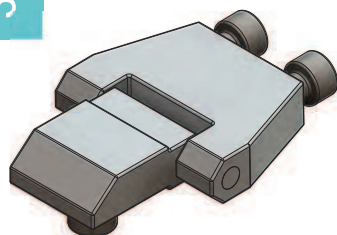
| CATALOGUE NUMBER | COMPONENTS | MATERIAL          |
|------------------|------------|-------------------|
| 3.ST23.001       | Holder     | Steel zinc plated |
|                  | Base, Pin  | Steel zinc plated |
| 3.ST23.001SN     | Holder     | Stainless steel   |
|                  | Base, Pin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



| CATALOGUE NUMBER | FINISH   | COMPONENTS   | MATERIAL          |
|------------------|----------|--------------|-------------------|
| 3.514.001        | Chrome   | Holder, Base | ZAMAK5            |
|                  |          | Pin          | Steel zinc plated |
| 3.514.002        | RAL 9005 | Holder, Base | ZAMAK 5           |
|                  |          | Pin          | Steel zinc plated |

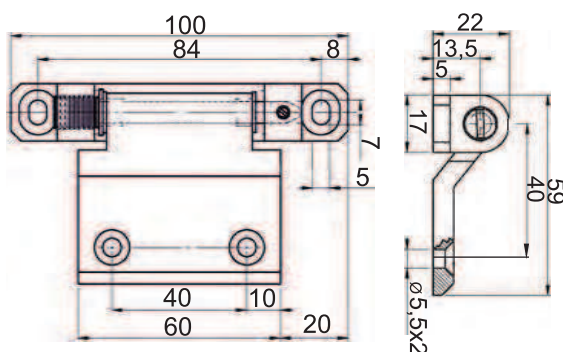
HINGES

3A



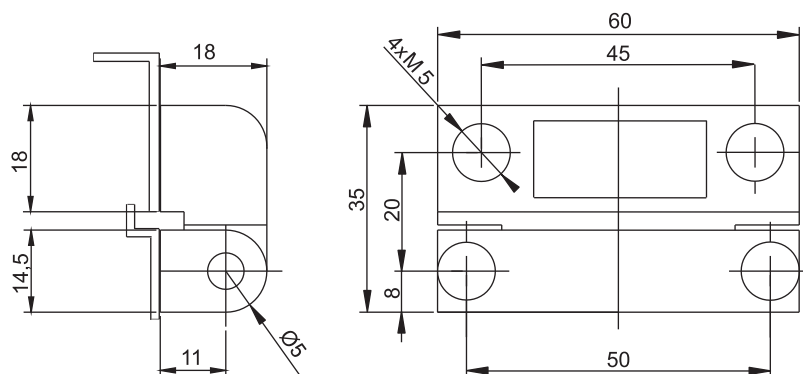
| CATALOGUE NUMBER | FINISH   | COMPONENTS   | MATERIAL          |
|------------------|----------|--------------|-------------------|
| 3.515.001        | Chrome   | Holder, Base | ZAMAK 5           |
|                  |          | Pin          | Steel zinc plated |
| 3.515.002        | RAL 9005 | Holder, Base | ZAMAK 5           |
|                  |          | Pin          | Steel zinc plated |

NEW



| CATALOGUE NUMBER | FINISH   | COMPONENTS | MATERIAL |
|------------------|----------|------------|----------|
| 3.535.001        | RAL 9005 | Holder     | ZAMAK 5  |
|                  | Chrome   | Base       | ZAMAK 5  |

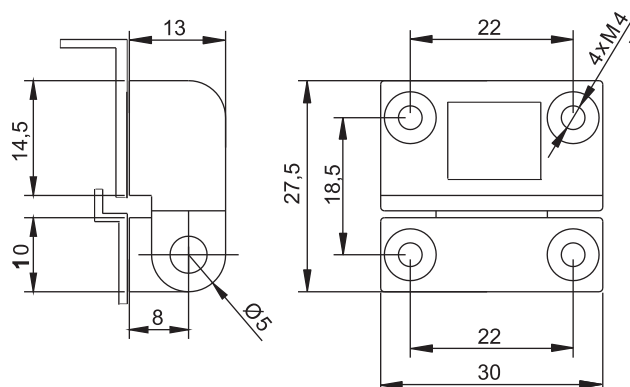
When ordering, specify the color or finishing type



NEW



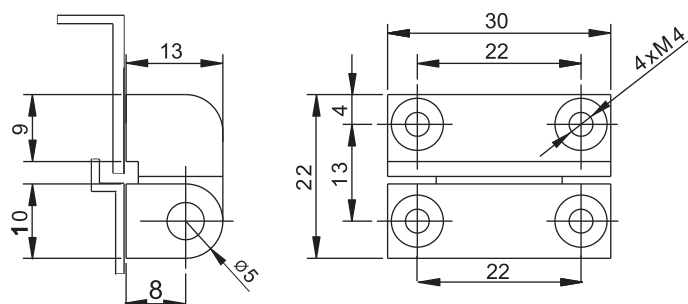
| CATALOGUE NUMBER | HINGE        | FINISH [X]        |          |
|------------------|--------------|-------------------|----------|
|                  |              |                   |          |
| 3.517.001.X      | 3.517.001.X  | 1                 | RAL 9005 |
|                  |              | 2                 | Nickel   |
|                  | COMPONENTS   | MATERIAL          |          |
|                  | Holder, Base | ZAMAK 5           |          |
|                  | Pin          | Steel zinc plated |          |



NEW



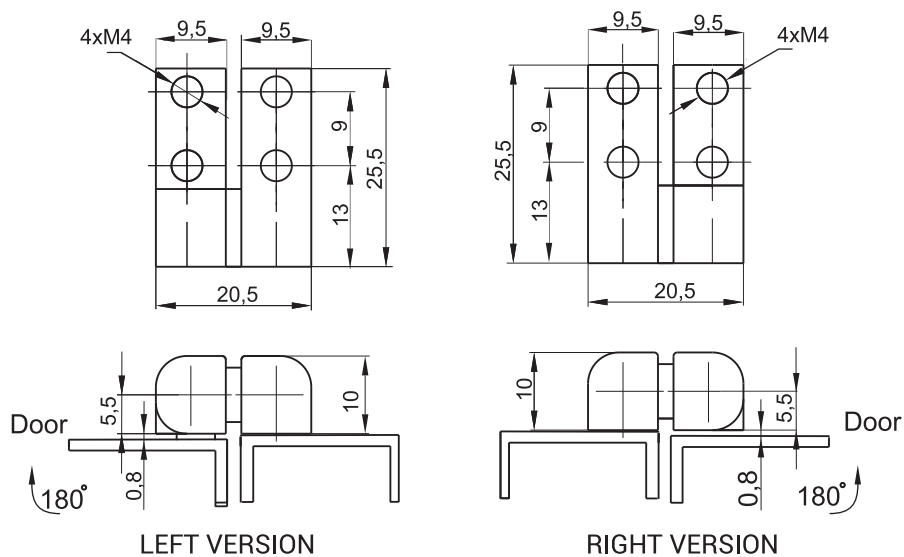
| CATALOGUE NUMBER | HINGE        | FINISH [X]        |          |
|------------------|--------------|-------------------|----------|
|                  |              |                   |          |
| 3.517.002.X      | 3.517.002.X  | 1                 | RAL 9005 |
|                  |              | 2                 | Nickel   |
|                  | COMPONENTS   | MATERIAL          |          |
|                  | Holder, Base | ZAMAK 5           |          |
|                  | Pin          | Steel zinc plated |          |



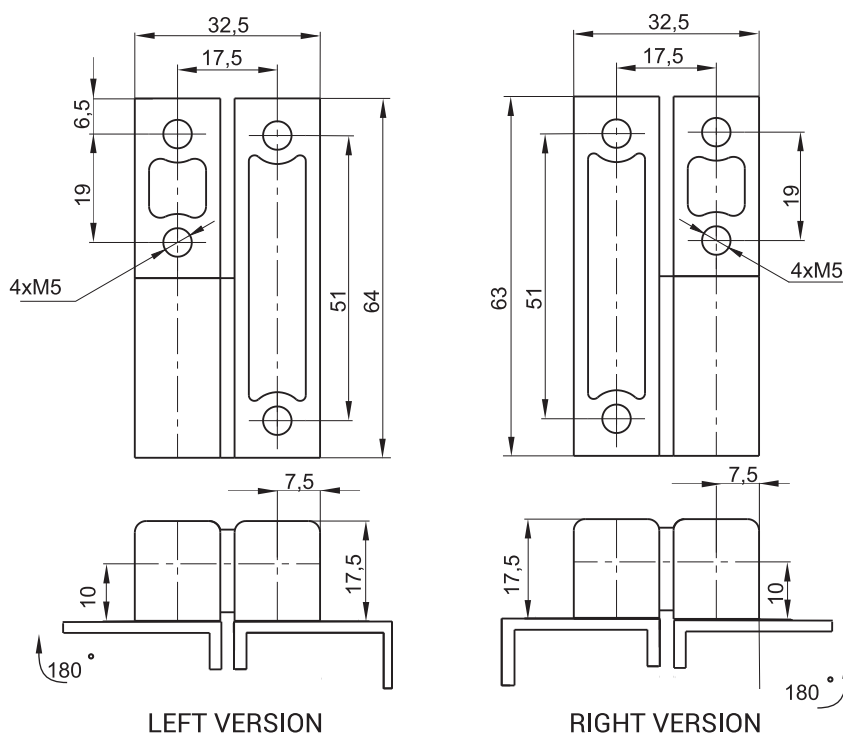
NEW



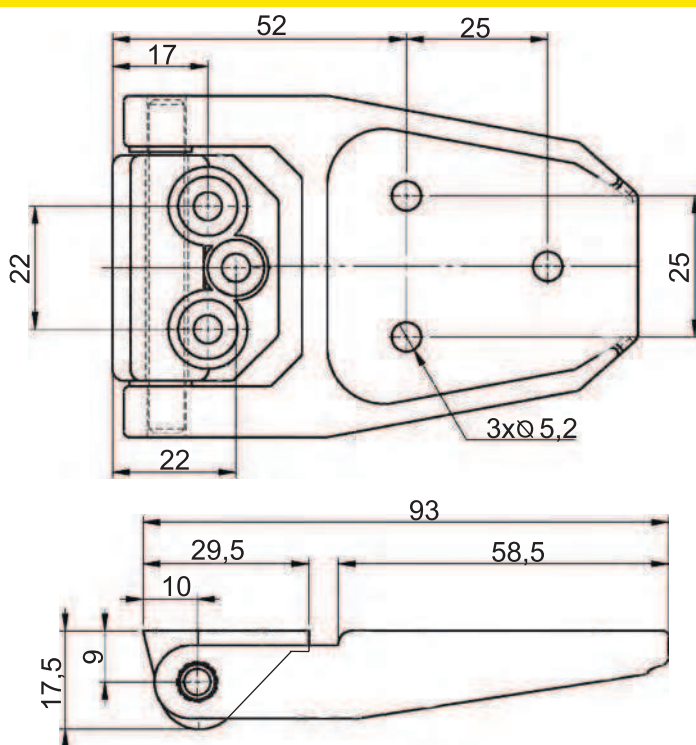
| CATALOGUE NUMBER | HINGE        | FINISH [X]        |          |
|------------------|--------------|-------------------|----------|
|                  |              |                   |          |
| 3.517.003.X      | 3.517.003.X  | 1                 | RAL 9005 |
|                  |              | 2                 | Nickel   |
|                  | COMPONENTS   | MATERIAL          |          |
|                  | Holder, Base | ZAMAK 5           |          |
|                  | Pin          | Steel zinc plated |          |

**NEW**


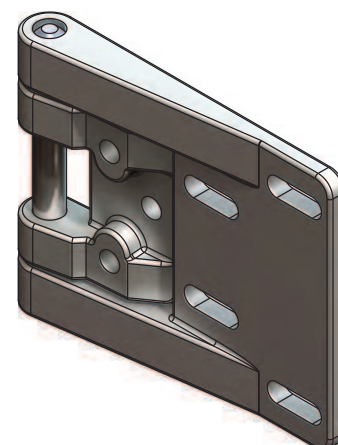
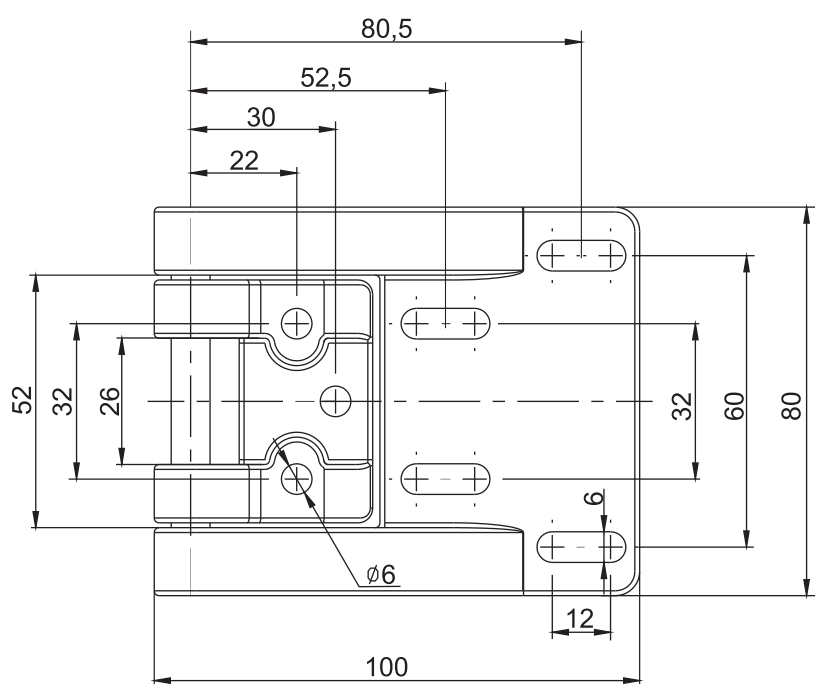
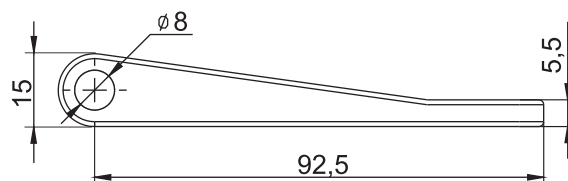
| CATALOGUE NUMBER | VERSION [X] | where:<br>L - left version<br>P - right version |                   |
|------------------|-------------|-------------------------------------------------|-------------------|
| 3.518.001.X      | L           |                                                 |                   |
|                  | P.          |                                                 |                   |
| CATALOGUE NUMBER | FINISH      | COMPONENTS                                      | MATERIAL          |
| 3.518.001        | RAL 9005    | Holder, Base                                    | ZAMAK 5           |
|                  |             | Pin                                             | Steel zinc plated |

**NEW**


| CATALOGUE NUMBER | VERSION [X] | where:<br>L - vleft version<br>P - right version |                   |
|------------------|-------------|--------------------------------------------------|-------------------|
| 3.518.002.X      | L           |                                                  |                   |
|                  | P           |                                                  |                   |
| CATALOGUE NUMBER | FINISH      | COMPONENTS                                       | MATERIAL          |
| 3.518.002        | RAL 9005    | Holder, Base                                     | ZAMAK 5           |
|                  |             | Pin                                              | Steel zinc plated |

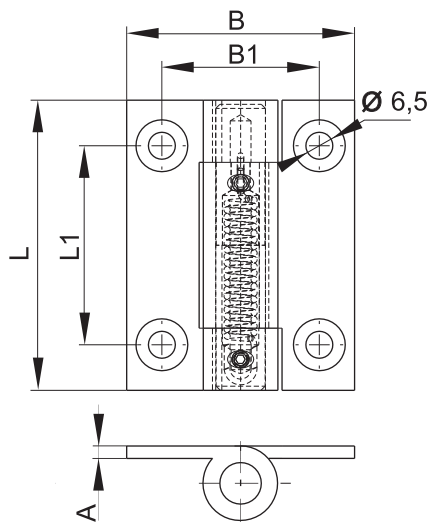
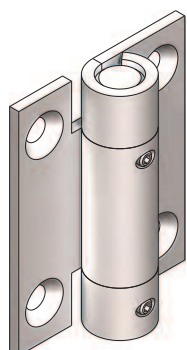


| CATALOGUE NUMBER | FINISH   | COMPONENTS   | MATERIAL  |
|------------------|----------|--------------|-----------|
| 3.534.001        | RAL 9005 | Holder, Base | Polyamide |
|                  |          | Pin          | Polyamide |



| CATALOGUE NUMBER | FINISH                  | COMPONENTS   | MATERIAL          |
|------------------|-------------------------|--------------|-------------------|
| 3.ZN156.001      | RAL 9005,7035<br>Chrome | Holder, Base | ZAMAK 5           |
|                  |                         | Pin          | Steel zinc plated |

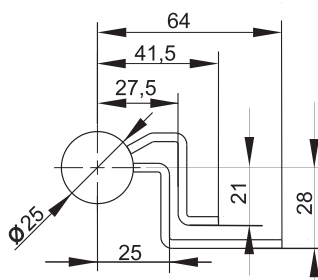
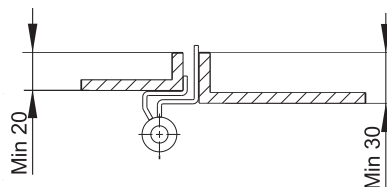
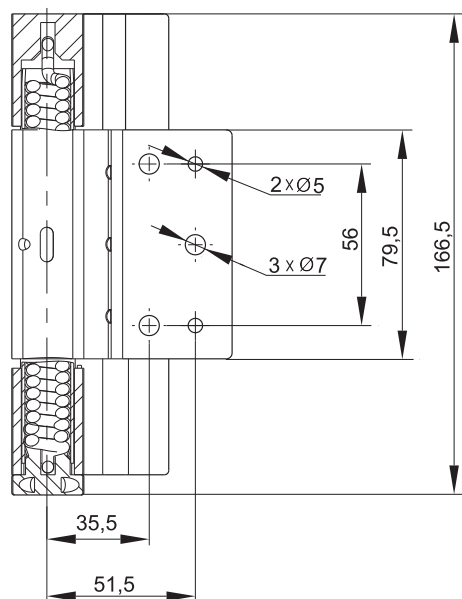
When ordering, specify the color or finishing type

**NEW**


CLOSED POSITION



| HINGE            | X | A            | L  | L1 | B                 | B1 |
|------------------|---|--------------|----|----|-------------------|----|
| 3.ST108.001.OX   | 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 |    |

**NEW**


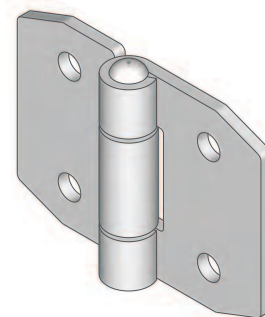
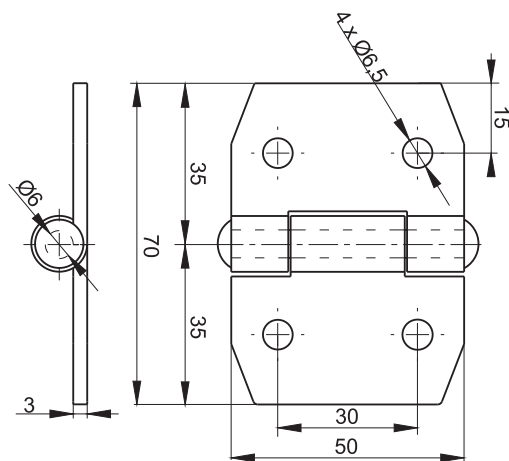
| CATALOGUE NUMBER | VERSION [X] |
|------------------|-------------|
| 3.ST109.001-X    | A           |
|                  | B           |

where:

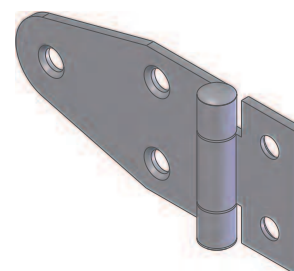
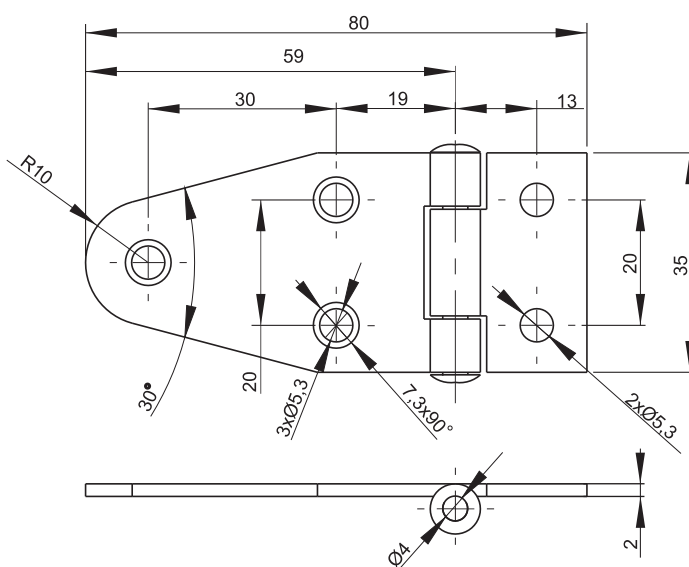
A - A spring hinge provided with a spring causing self-closing door

B - hinge bearing - without spring

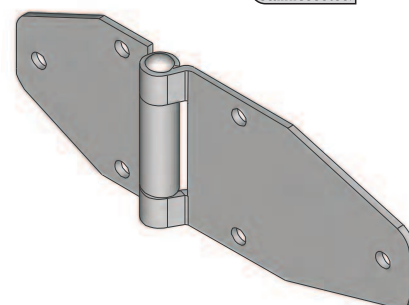
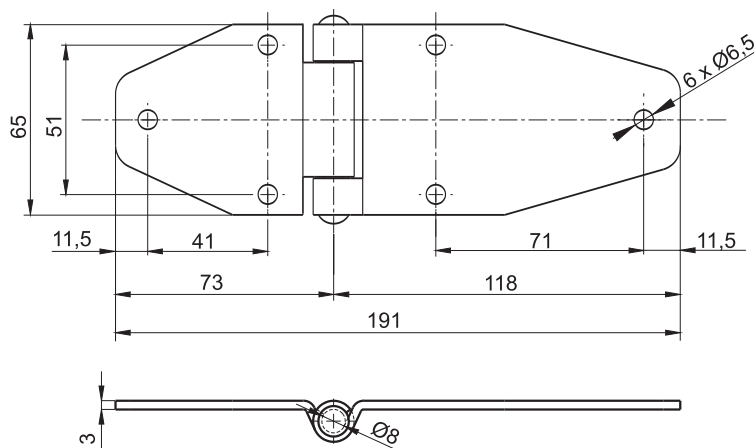
| CATALOGUE NUMBER | COMPONENTS   | MATERIAL          |
|------------------|--------------|-------------------|
| 3.ST109.001      | Holder, Base | Steel zinc plated |
|                  | Pin          | Steel zinc plated |



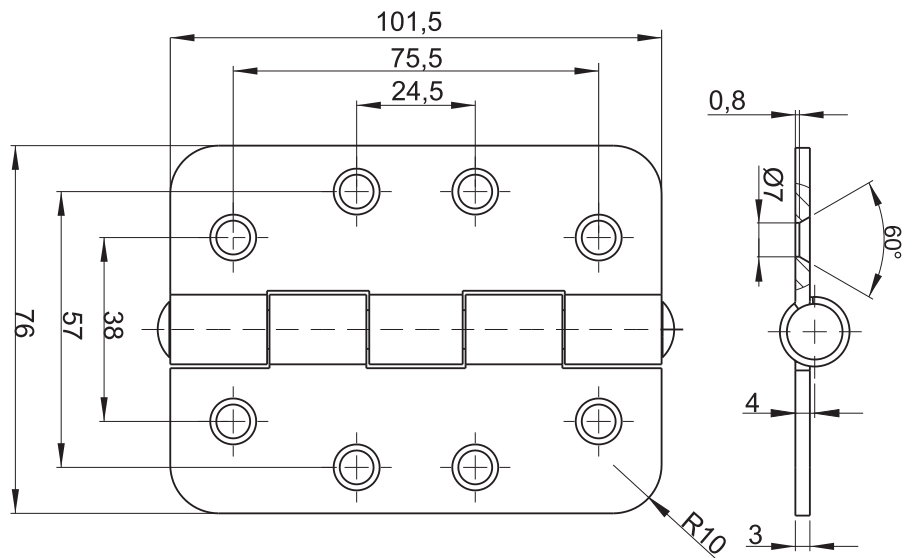
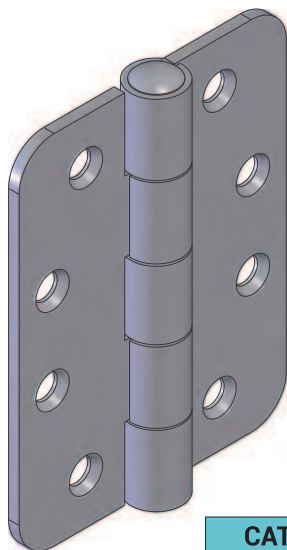
| CATALOGUE NUMBER | COMPONENTS        | MATERIAL          |
|------------------|-------------------|-------------------|
| 3.ST30.001       | Holder, Base, Pin | Steel zinc plated |
| 3.ST30.001SN     | Holder, Base, Pin | Steel zinc plated |



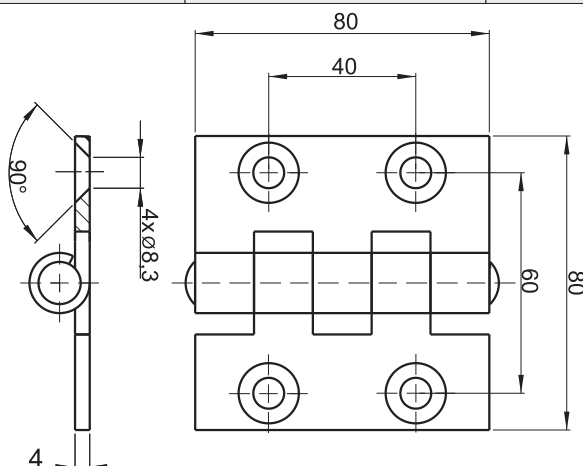
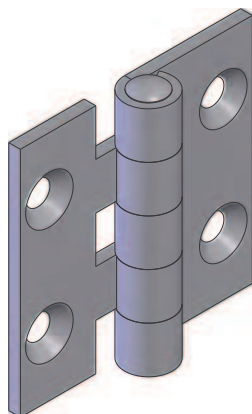
| CATALOGUE NUMBER | COMPONENTS        | MATERIAL          |
|------------------|-------------------|-------------------|
| 3.ST35-1.001     | Holder, Base, Pin | Steel zinc plated |
| 3.ST35-1.001SN   | Holder, Base, Pin | Stainless steel   |



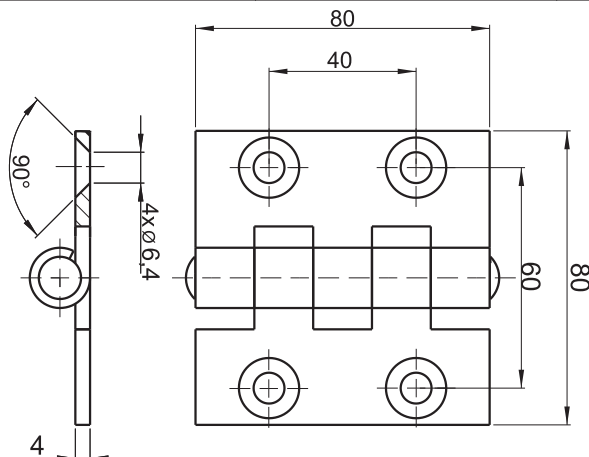
| CATALOGUE NUMBER | COMPONENTS        | MATERIAL          |
|------------------|-------------------|-------------------|
| 3.ST35.001       | Holder, Base, Pin | Steel zinc plated |
|                  | Holder, Base, Pin | Stainless steel   |



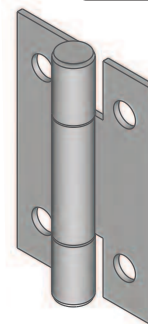
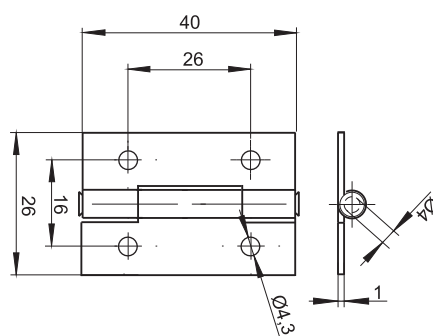
| CATALOGUE NUMBER | COMPONENTS   | MATERIAL        |
|------------------|--------------|-----------------|
| 3.ST35-2.002     | Holder, Base | Stainless steel |
|                  | Pin          | Stainless steel |



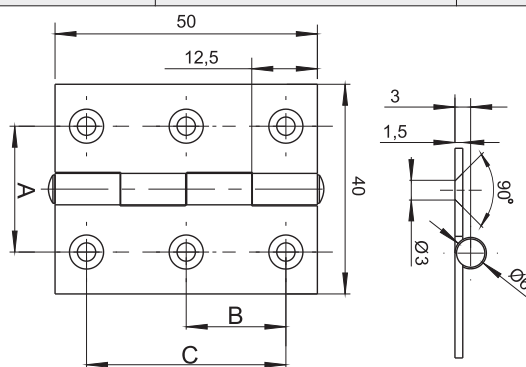
| CATALOGUE NUMBER | COMPONENTS   | MATERIAL          |
|------------------|--------------|-------------------|
| 3.ST58.001       | Holder, Base | Steel zinc plated |
|                  | Pin          | Stainless steel   |



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



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



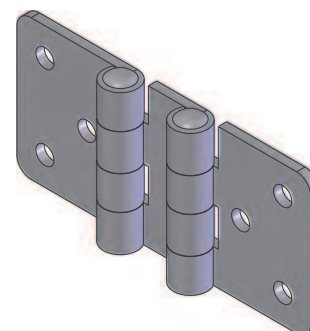
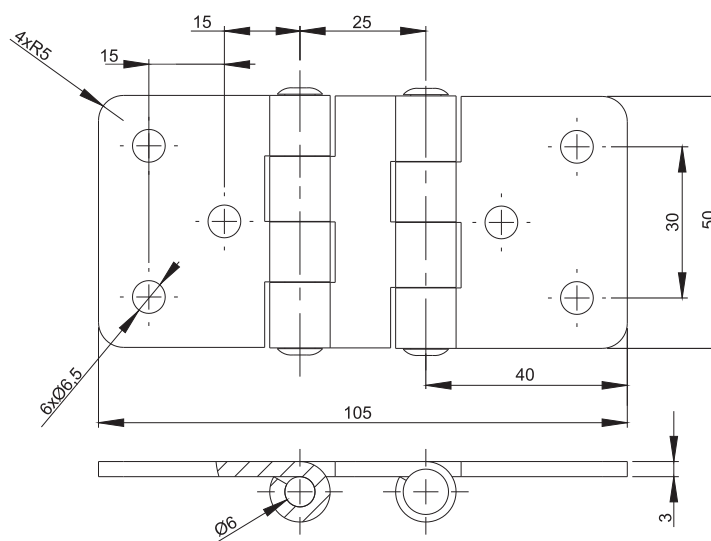
|               | X  | A  | B    | C  |
|---------------|----|----|------|----|
| 3.ST48.00X    | 1  | 24 | 19   | 38 |
| 3.ST48.00X SN | 2  | 23 | 17,5 | 35 |
|               | 3* | 23 | 17,5 | 35 |

where:  
X - indication of the hinge

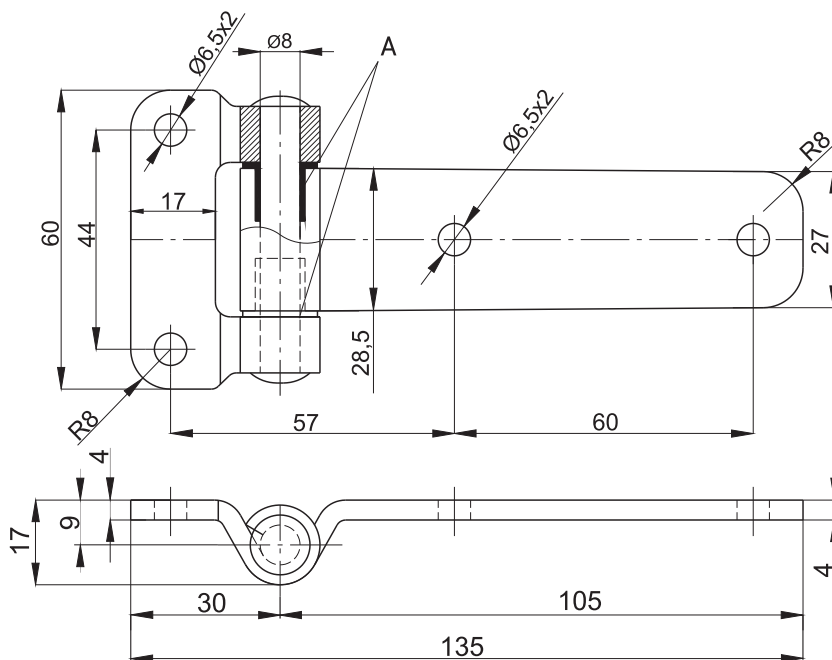
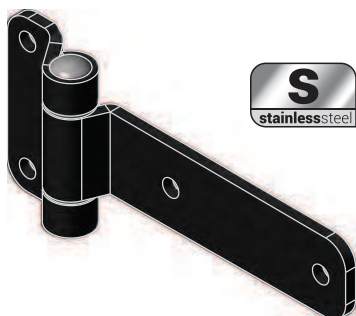
\* -no chamfer on mounting holes

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

When ordering, specify the color or finishing type

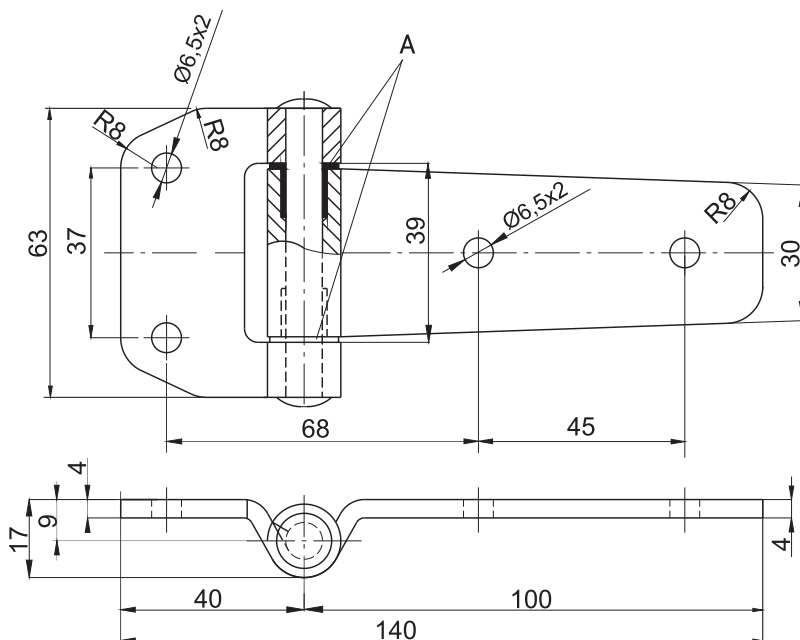
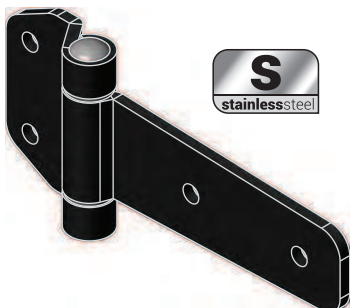


| CATALOGUE NUMBER | COMPONENTS        | MATERIAL          |
|------------------|-------------------|-------------------|
| 3.ST55.001       | Holder, Base, Pin | Steel zinc plated |
| 3.ST55.001SN     | Holder, Base, Pin | Stainless steel   |



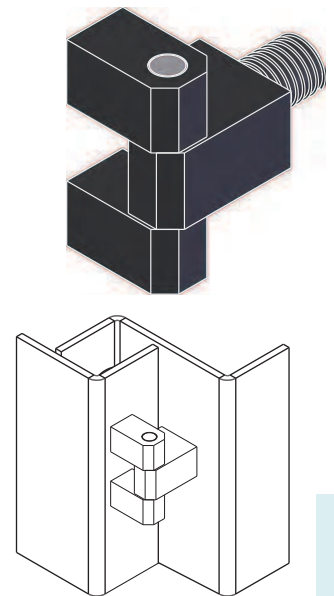
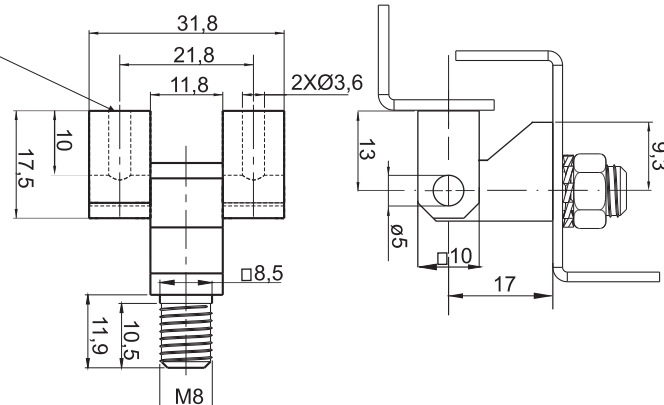
| CATALOGUE NUMBER | FINISH   | COMPONENTS   | MATERIAL          |
|------------------|----------|--------------|-------------------|
| 3.ST56.001       | RAL 9005 | Holder, Base | Steel zinc plated |
|                  |          | Pin          | Stainless steel   |

A - plastic washers



| CATALOGUE NUMBER | FINISH   | COMPONENTS   | MATERIAL          |
|------------------|----------|--------------|-------------------|
| 3.ST56.100       | RAL 9005 | Holder, Base | Steel zinc plated |
|                  |          | Pin          | Stainless steel   |

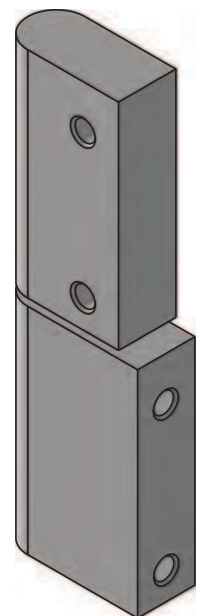
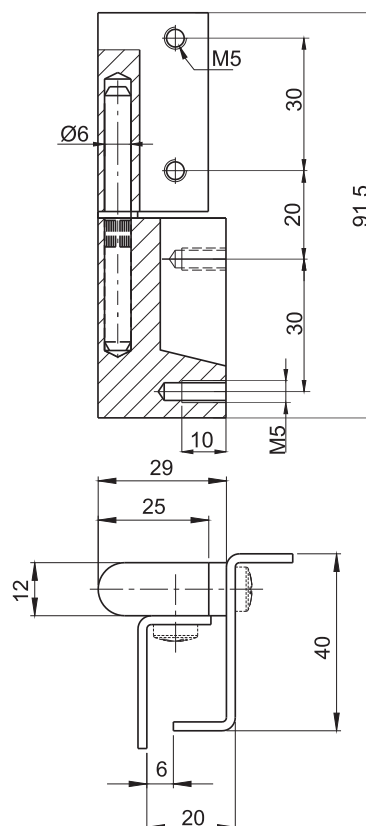
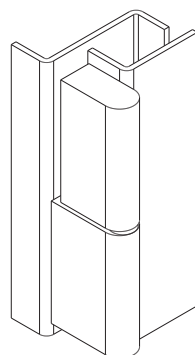
A - plastic washers

Screws M4  
DIN 7516

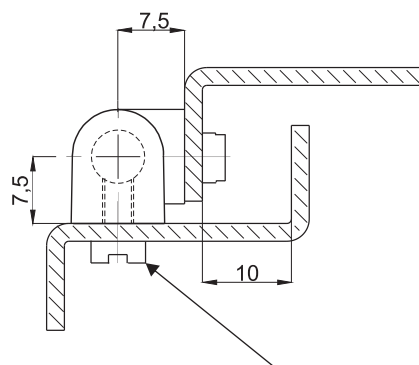
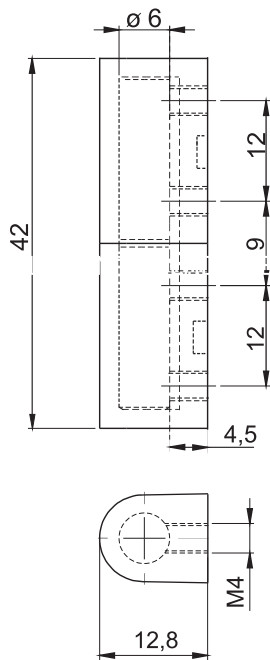
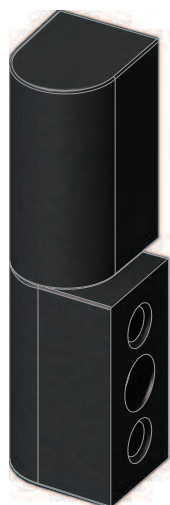
| CATALOGUE NUMBER | FINISH   | COMPONENTS   | MATERIAL             |
|------------------|----------|--------------|----------------------|
| 3.ZN20.001       | RAL 9005 | Holder, Base | ZAMAK 5              |
|                  |          | Pin          | Steel zinc plated, * |

HINGES

3A



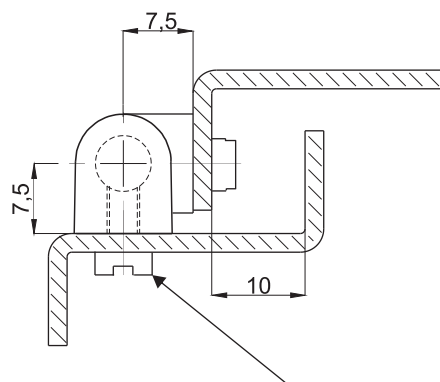
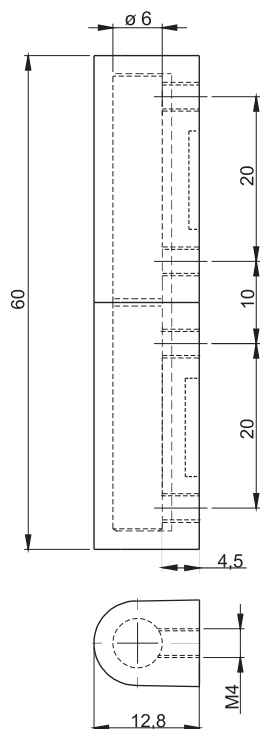
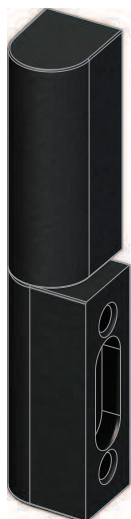
| CATALOGUE NUMBER | FINISH   | COMPONENTS   | MATERIAL          |
|------------------|----------|--------------|-------------------|
| 3.ST49.001       | RAL 9005 | Holder, Base | ZAMAK 5           |
|                  |          | Pin          | Steel zinc plated |



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

| CATALOGUE NUMBER | FINISH   | COMPONENTS   | MATERIAL             |
|------------------|----------|--------------|----------------------|
| 3.ZN155.001      | RAL 9005 | Holder, Base | ZAMAK 5              |
|                  |          | Pin          | Steel zinc plated, * |

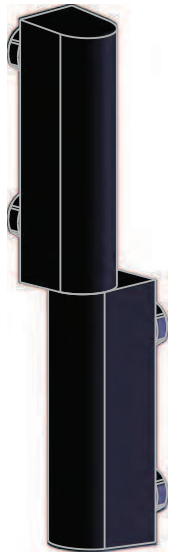
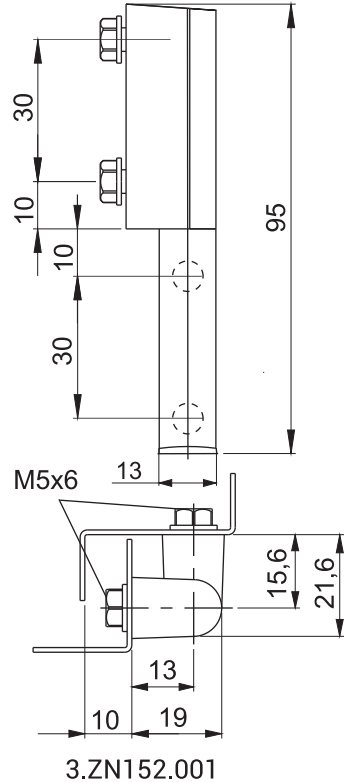
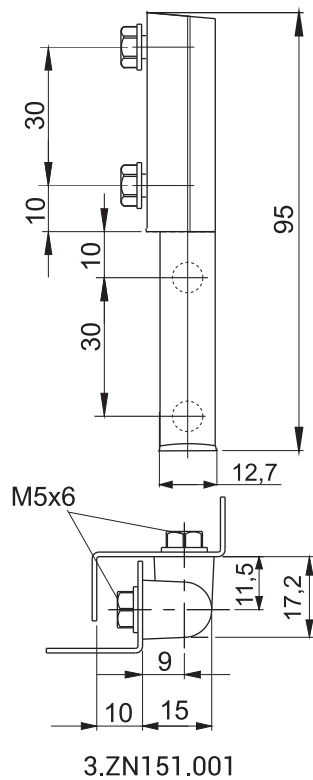
\* posibility to order stainless steel pin.  
\*\*not included order



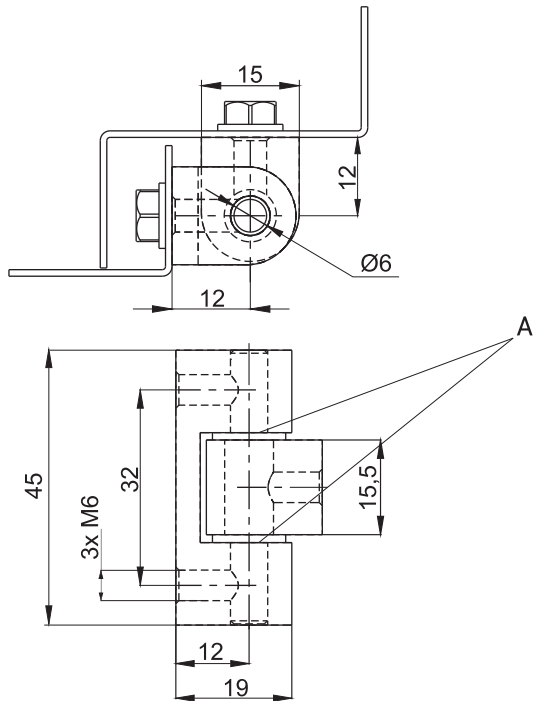
Screws M4 with cylindrial head  
DIN 84, ISO1207 \*\*

| CATALOGUE NUMBER | FINISH   | COMPONENTS   | MATERIAL             |
|------------------|----------|--------------|----------------------|
| 3.ZN155.002      | RAL 9005 | Holder, Base | ZAMAK 5              |
|                  |          | Pin          | Steel zinc plated, * |

\* posibility to order stainless steel pin.  
\*\*not included order

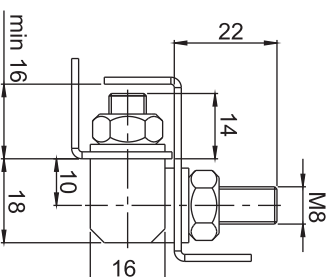
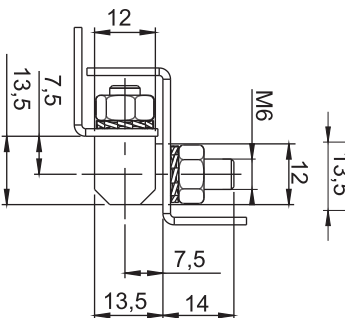
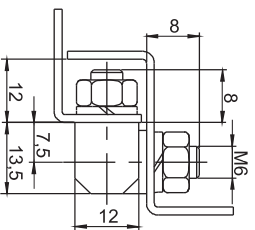
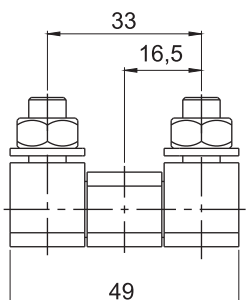
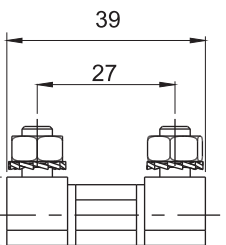
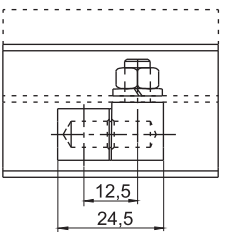
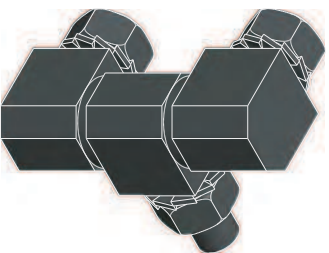


| CATALOGUE NUMBER | FINISH   | COMPONENTS   | MATERIAL        |
|------------------|----------|--------------|-----------------|
| 3.ZN151.001      | RAL 9005 | Holder, Base | Polyamide       |
| 3.ZN152.001      |          | Pin          | Stainless steel |



| CATALOGUE NUMBER | FINISH | COMPONENTS   | MATERIAL        |
|------------------|--------|--------------|-----------------|
| 3.ST53.001       | Chrome | Holder, Base | ZAMAK 5         |
|                  |        | Pin          | Stainless steel |
| 3.ST53.002       | Chrome | Holder, Base | Steel           |
|                  |        | Pin          | Stainless steel |

A - plastic washer

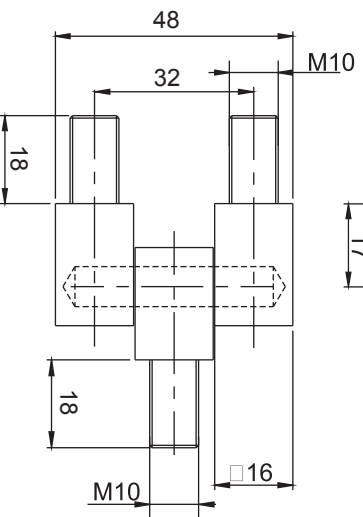
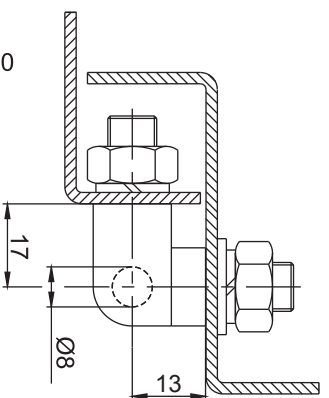
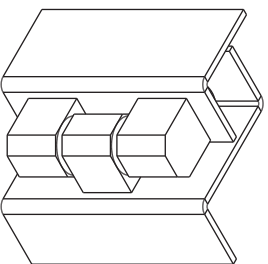
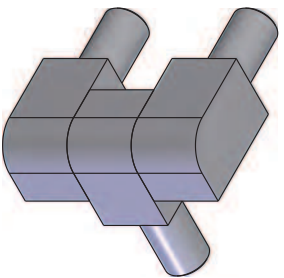


3.STZH2.001

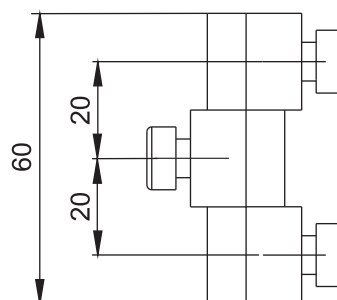
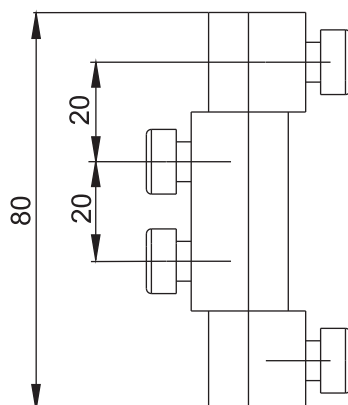
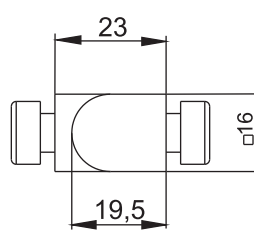
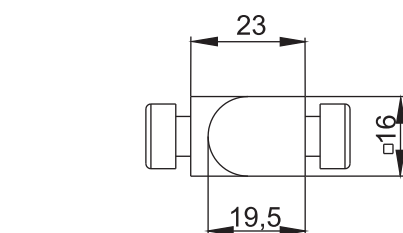
### 3.STZH3.001

3.STZH3-1.001

| 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   |

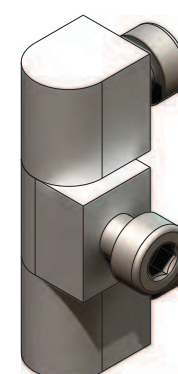
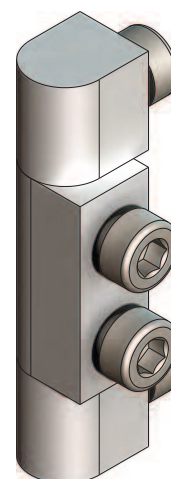


| CATALOGUE NUMBER | COMPONENTS        | MATERIAL          |
|------------------|-------------------|-------------------|
| 3.ST73.001       | Holder, Base, Pin | Steel zinc plated |



3.504.001

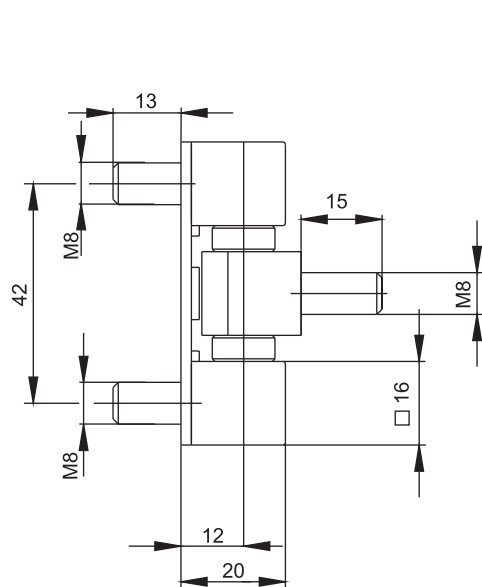
3.505.001



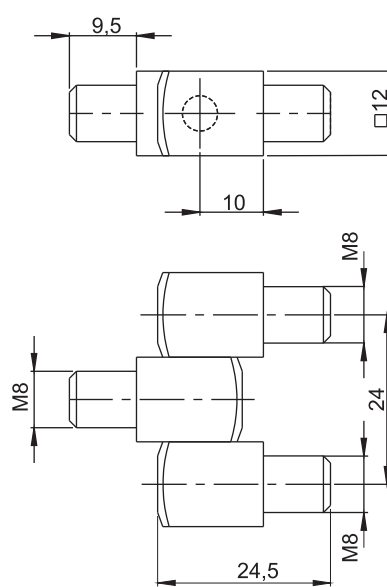
HINGES

3A

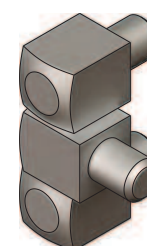
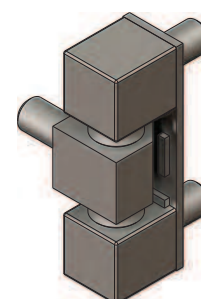
| CATALOGUE NUMBER | FINISH | COMPONENTS   | MATERIAL          |
|------------------|--------|--------------|-------------------|
| 3.504.001        | Chrome | Holder, Base | Brass             |
| 3.505.001        |        | Pin          | Steel zinc plated |



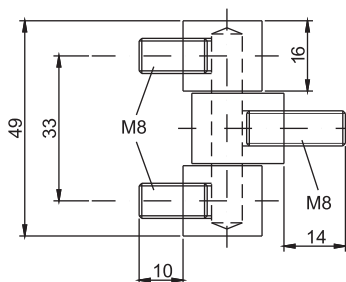
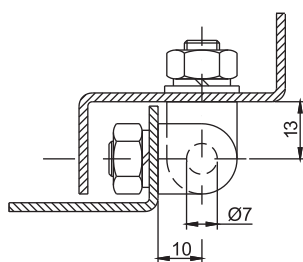
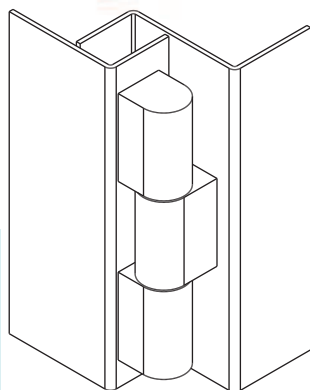
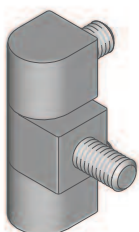
3.506.001



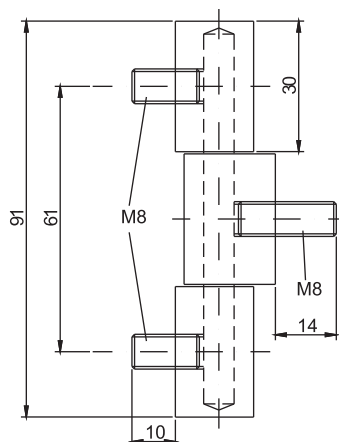
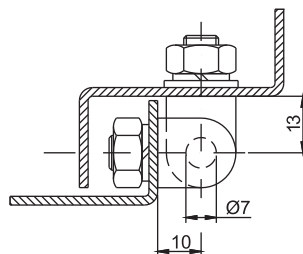
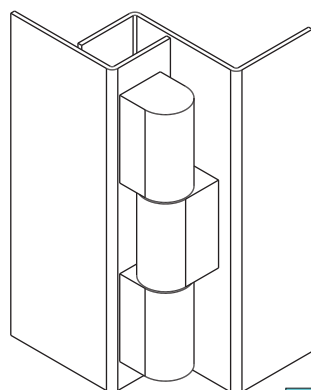
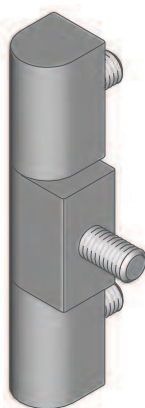
3.507.001



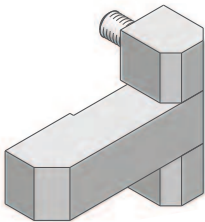
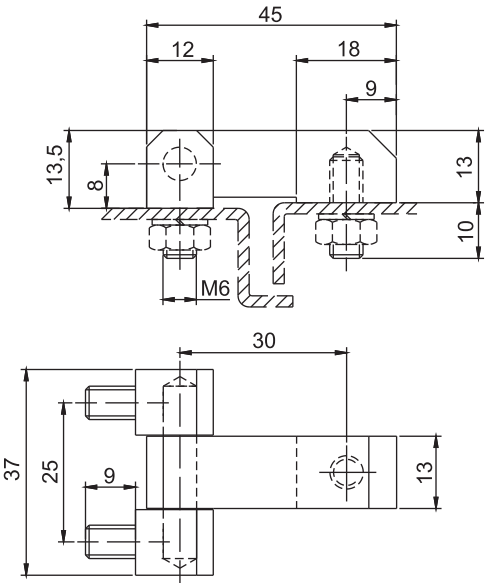
| CATALOGUE NUMBER | FINISH | COMPONENTS   | MATERIAL          |
|------------------|--------|--------------|-------------------|
| 3.506.001        | Nickel | Holder, Base | Brass             |
| 3.507.001        |        | Pin          | Steel zinc plated |



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



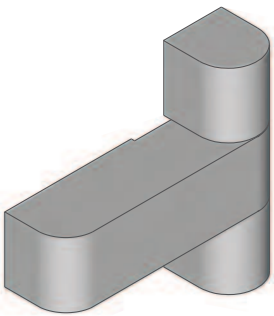
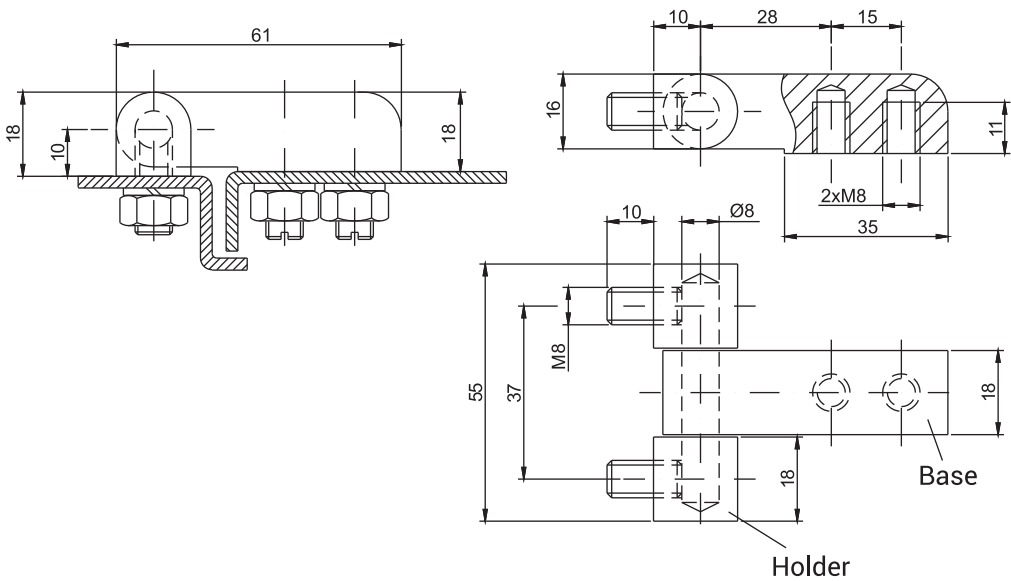
| CATALOGUE NUMBER | COMPONENTS        | MATERIAL          |
|------------------|-------------------|-------------------|
| 3.ST18.001       | Holder, Base, Pin | Steel zinc plated |
| 3.ST18.001SN     | Holder, Base, Pin | Stainless steel   |



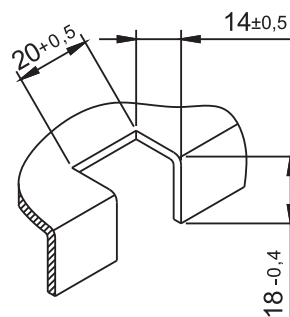
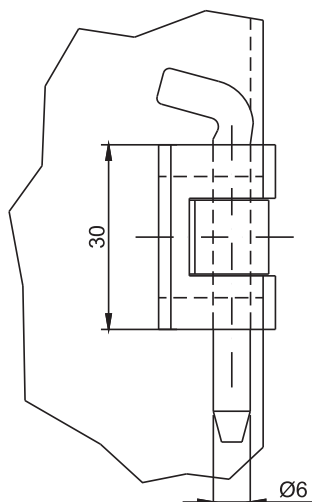
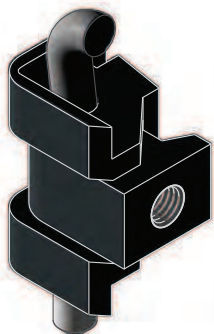
| CATALOGUE NUMBER | COMPONENTS        | MATERIAL          |
|------------------|-------------------|-------------------|
| 3.ST22.001       | Holder, Base, Pin | Steel zinc plated |
| 3.ST22.001SN     | Holder, Base, Pin | Stainless steel   |

HINGES

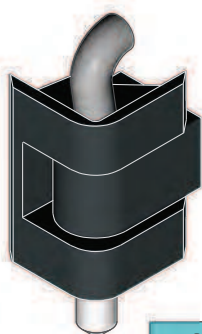
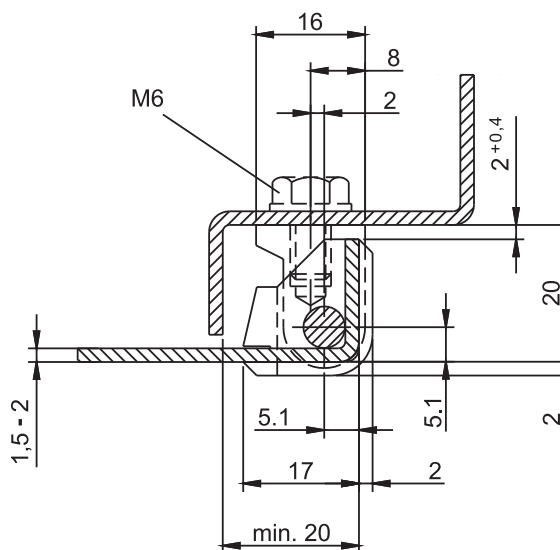
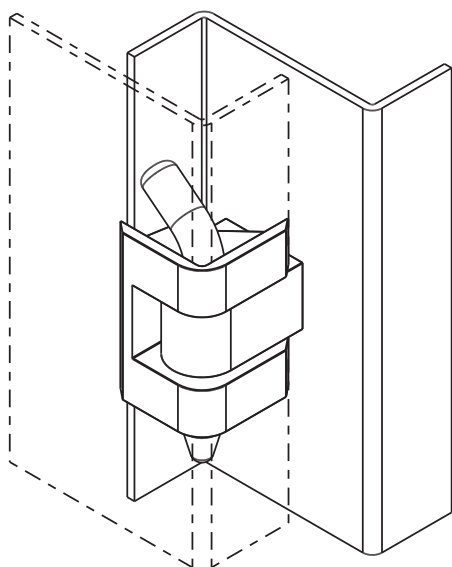
3A



| CATALOGUE NUMBER | COMPONENTS        | MATERIAL          |
|------------------|-------------------|-------------------|
| 3.ST21.001       | Holder, Base, Pin | Steel zinc plated |
| 3.ST21.001SN     | Holder, Base, Pin | Stainless steel   |



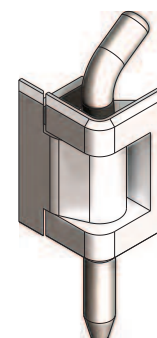
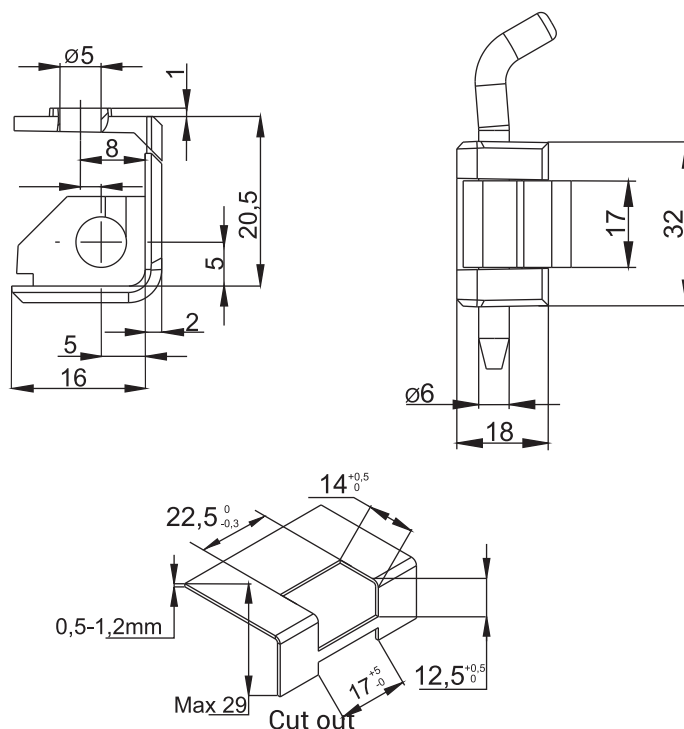
Mouting hole



| CATALOGUE NUMBER | FINISH            | COMPONENTS        | MATERIAL          |
|------------------|-------------------|-------------------|-------------------|
| 3.ZN70.001       | RAL 9005, 7035, * | Holder, Base      | ZAMAK 5           |
|                  |                   | Pin               | Steel zinc plated |
| 3.ZN70.002       | -                 | Holder, Base, Pin | Stainless steel   |

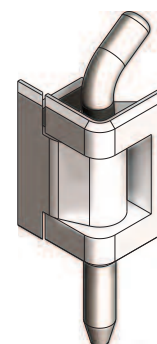
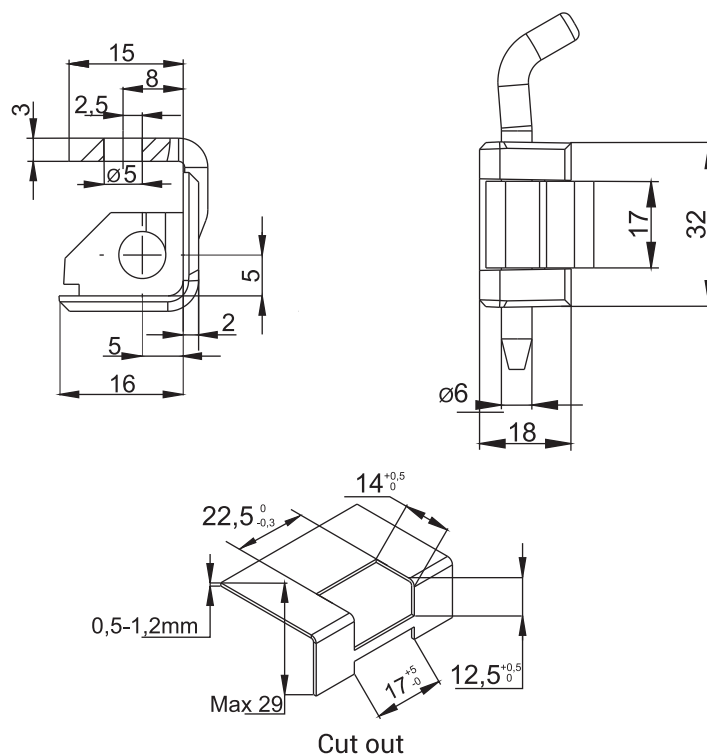
\* possibility to make a different color  
When ordering, specify the color or finishing type

NEW



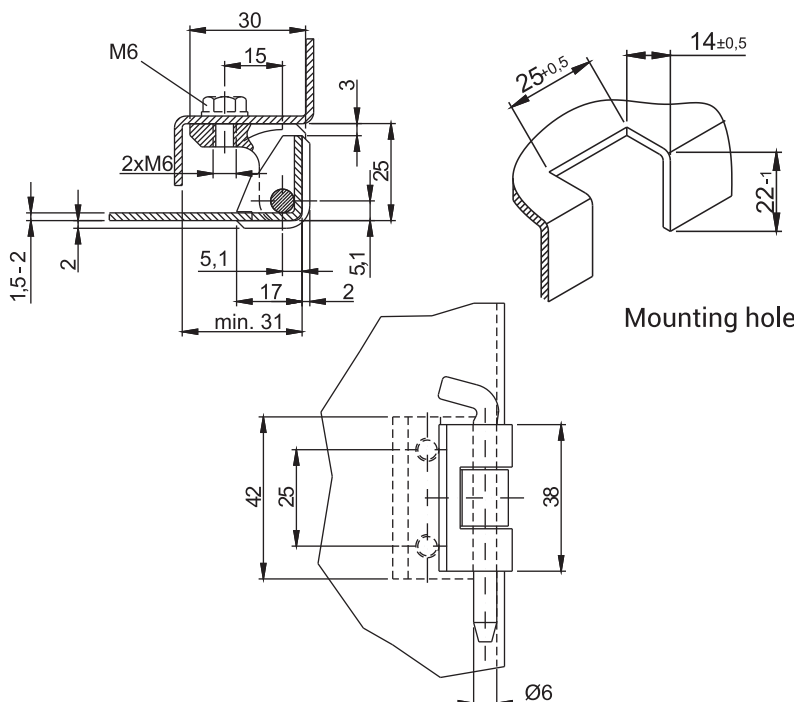
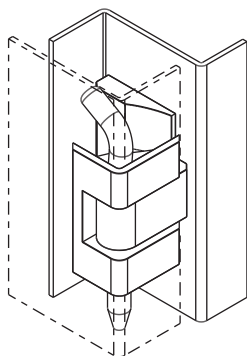
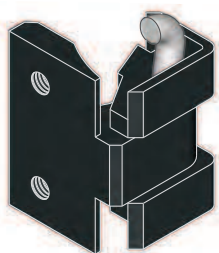
| CATALOGUE NUMBER | FINISH                   | COMPONENTS | MATERIAL |
|------------------|--------------------------|------------|----------|
| 3.ZN75.001       | RAL 9005, 7035<br>Chrome | Holder     | ZAMAK 5  |
|                  |                          | Base       | ZAMAK 5  |

When ordering, specify the color or finishing type



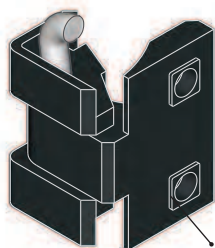
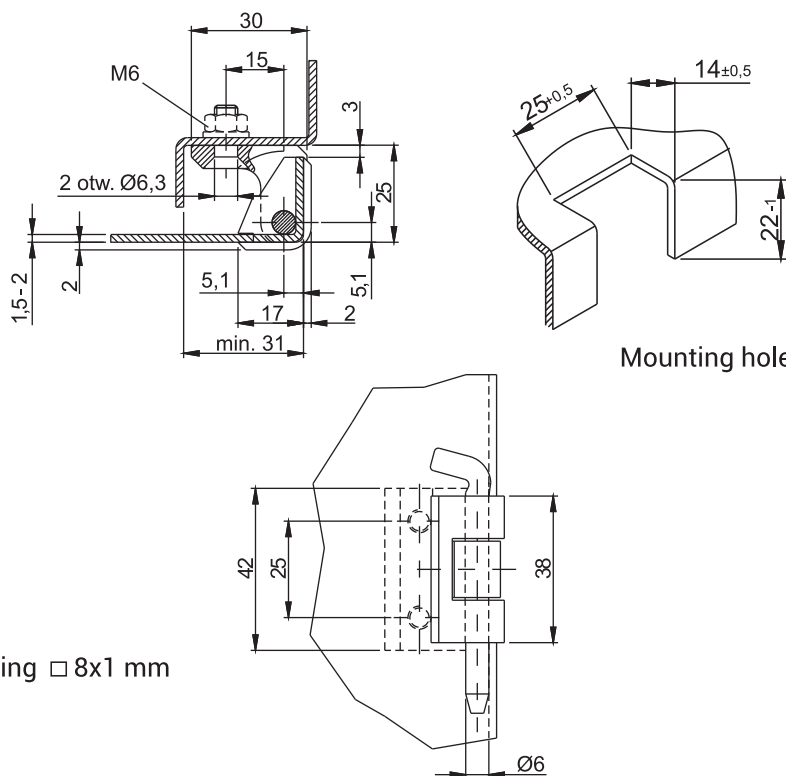
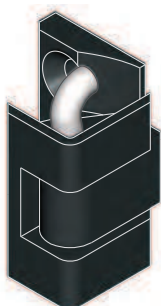
| CATALOGUE NUMBER | FINISH                   | COMPONENTS | MATERIAL          |
|------------------|--------------------------|------------|-------------------|
| 3.ZN75.003       | RAL 9005, 7035<br>Chrome | Holder     | Steel zinc plated |
|                  |                          | Base       | ZAMAK 5           |

When ordering, specify the color or finishing type



| CATALOGUE NUMBER | FINISH            | COMPONENTS   | MATERIAL          |
|------------------|-------------------|--------------|-------------------|
| 3.ZN80.001       | RAL 9005, 7035, * | Holder, Base | ZAMAK 5           |
|                  |                   | Pin          | Steel zinc plated |

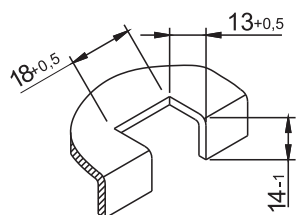
\* possibility to make a different color  
When ordering, specify the color or finishing type



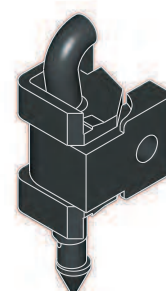
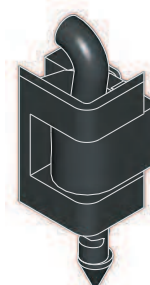
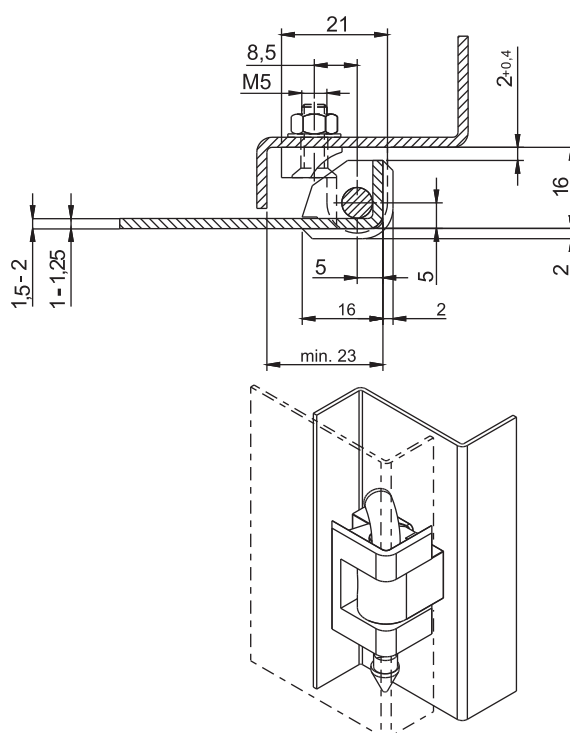
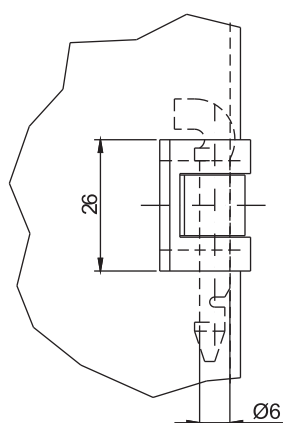
\*\* - with weaning □ 8x1 mm

| CATALOGUE NUMBER | FINISH            | COMPONENTS   | MATERIAL          |
|------------------|-------------------|--------------|-------------------|
| 3.ZN80.002       | RAL 9005, 7035, * | Holder, Base | ZAMAK 5           |
|                  |                   | Pin          | Steel zinc plated |

\* possibility to make a different color  
\*\* possibility to order the hinge with the basewith weaning  
When ordering, specify the color or finishing type

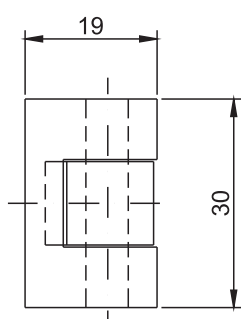


Mounting hole

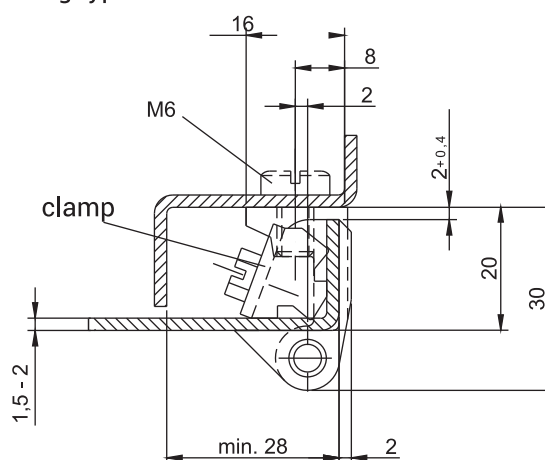
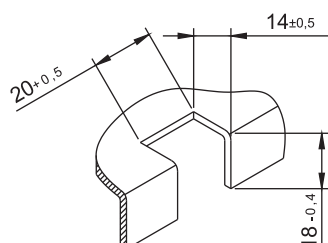


| CATALOGUE NUMBER | FINISH         | COMPONENTS        | MATERIAL  |
|------------------|----------------|-------------------|-----------|
| 3.ZN90.001       | RAL 9005, 7035 | Holder, Base, Pin | Polyamide |

When ordering, specify the color or finishing type



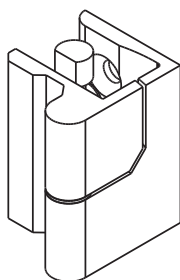
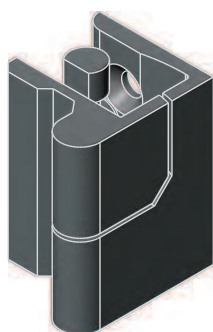
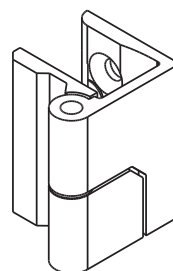
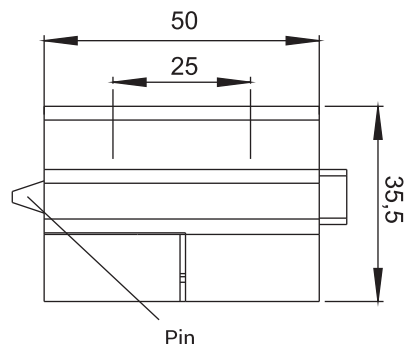
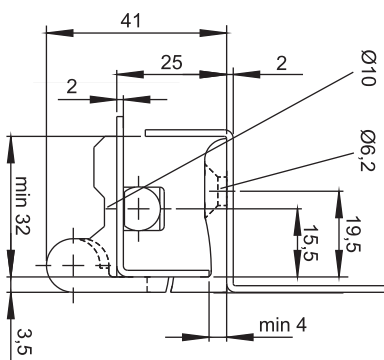
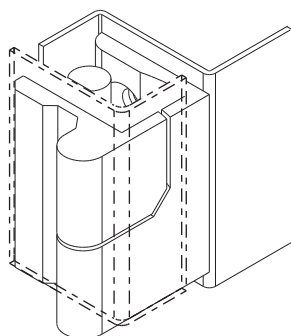
Mounting hole



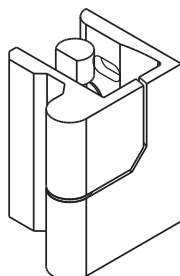
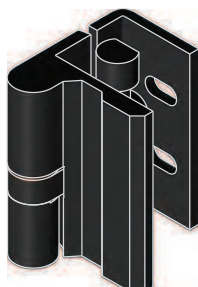
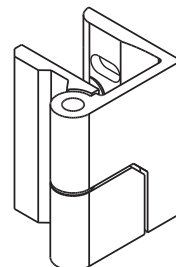
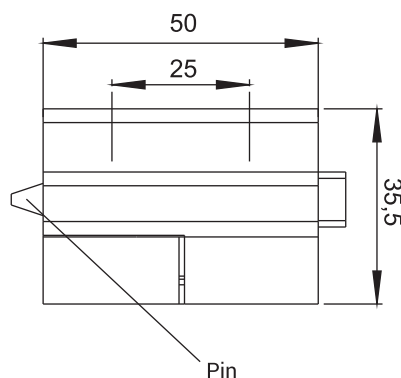
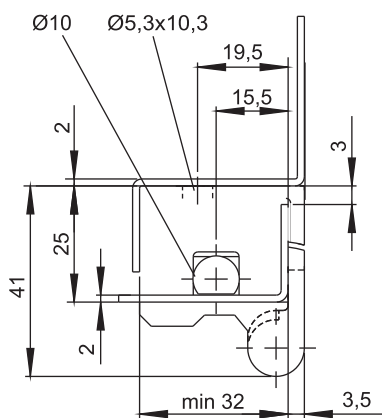
| CATALOGUE NUMBER | FINISH            | COMPONENTS               | MATERIAL          |
|------------------|-------------------|--------------------------|-------------------|
| 3.ZN100.001      | RAL 9005, 7035, * | Holder, Base             | ZAMAK 5           |
|                  |                   | Close tight element, Pin | Steel zinc plated |

\* possibility to make a different color

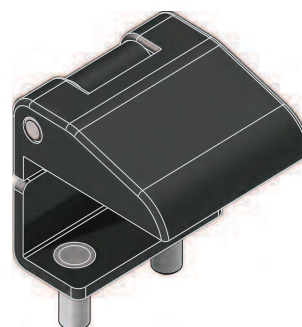
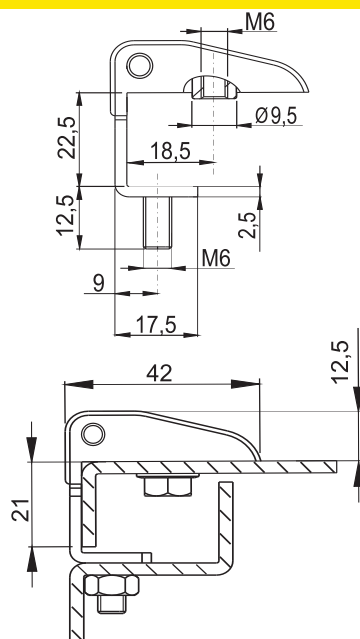
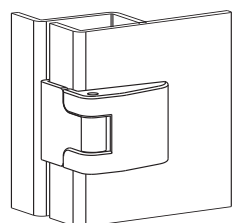
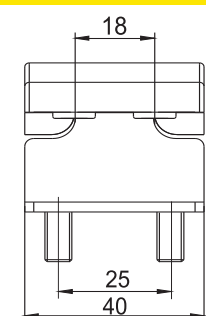
When ordering, specify the color or finishing type


**RIGHT VERSION**

**LEFT VERSION**


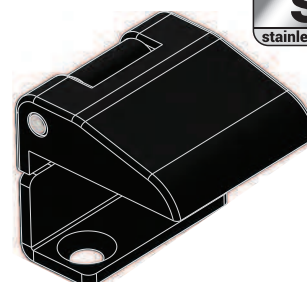
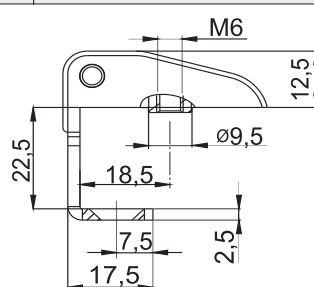
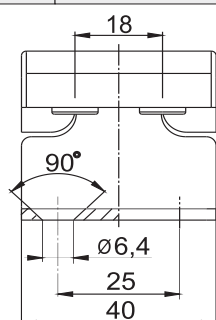
| CATALOGUE NUMBER | FINISH   | COMPONENTS | MATERIAL          |
|------------------|----------|------------|-------------------|
| 3.ZN150.001      | RAL 9005 | Holder     | ZAMAK 5           |
| 3.ZN150.002      |          | Base       | Aluminum          |
|                  |          | Pin, Screw | Steel zinc plated |


**RIGHT VERSION**

**LEFT VERSION**


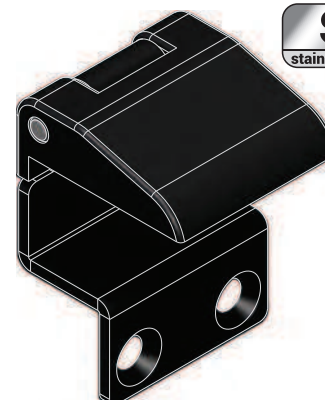
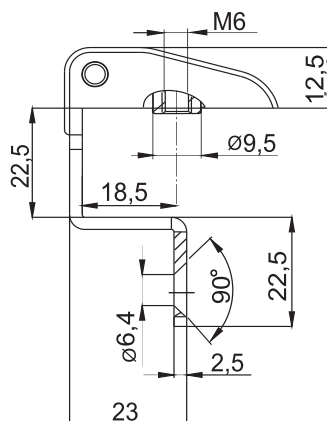
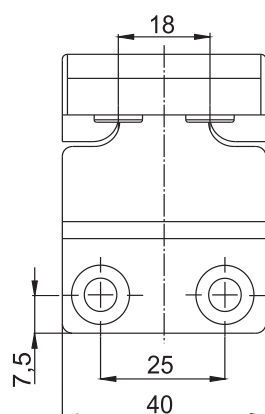
| CATALOGUE NUMBER | FINISH   | COMPONENTS | MATERIAL             |
|------------------|----------|------------|----------------------|
| 3.ZN150.005      | RAL 9005 | Holder     | ZAMAK 5              |
| 3.ZN150.006      |          | Base, Pin  | Steel zinc plated, * |



| CATALOGUE NUMBER | FINISH   | COMPONENTS | MATERIAL          |
|------------------|----------|------------|-------------------|
| 3.ZN154.001      | RAL 9005 | Holder     | ZAMAK 5           |
|                  |          | Base       | Steel zinc plated |
|                  |          | Pin        | Stainless steel   |

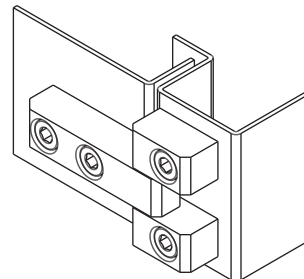
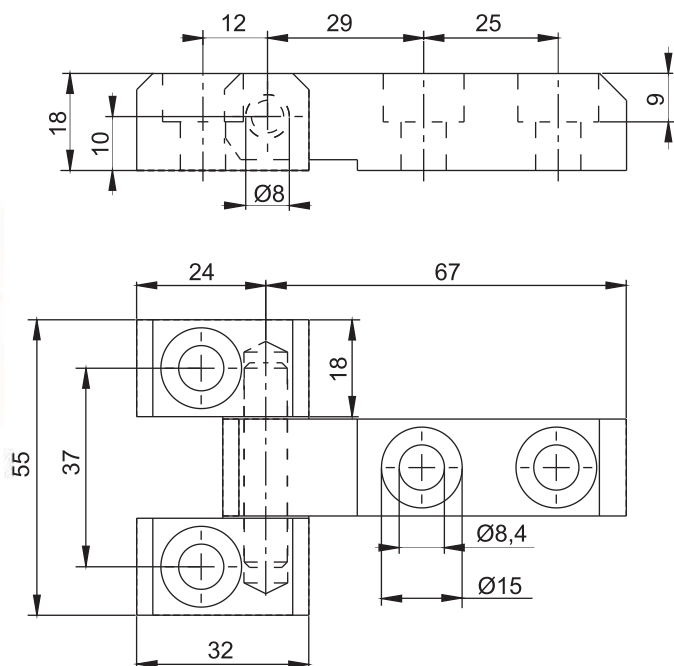
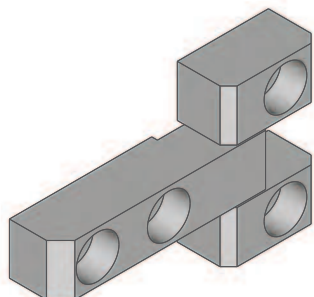


| CATALOGUE NUMBER | FINISH   | COMPONENTS | MATERIAL          |
|------------------|----------|------------|-------------------|
| 3.ZN154.002      | RAL 9005 | Holder     | ZAMAK 5           |
|                  |          | Base       | Steel zinc plated |
|                  |          | Pin        | Stainless steel   |

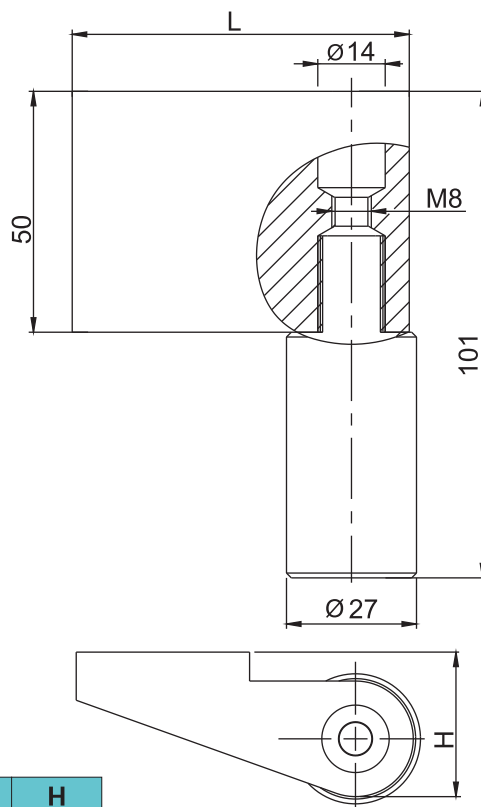
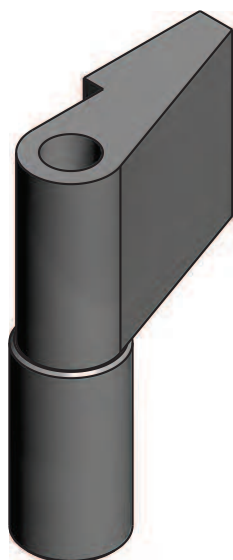


| CATALOGUE NUMBER | FINISH            | COMPONENTS | MATERIAL          |
|------------------|-------------------|------------|-------------------|
| 3.ZN154.003      | RAL 9005, 7035, * | Holder     | ZAMAK 5           |
|                  |                   | Base       | Steel zinc plated |
|                  |                   | Pin        | Stainless steel   |

When ordering, specify the color or finishing type

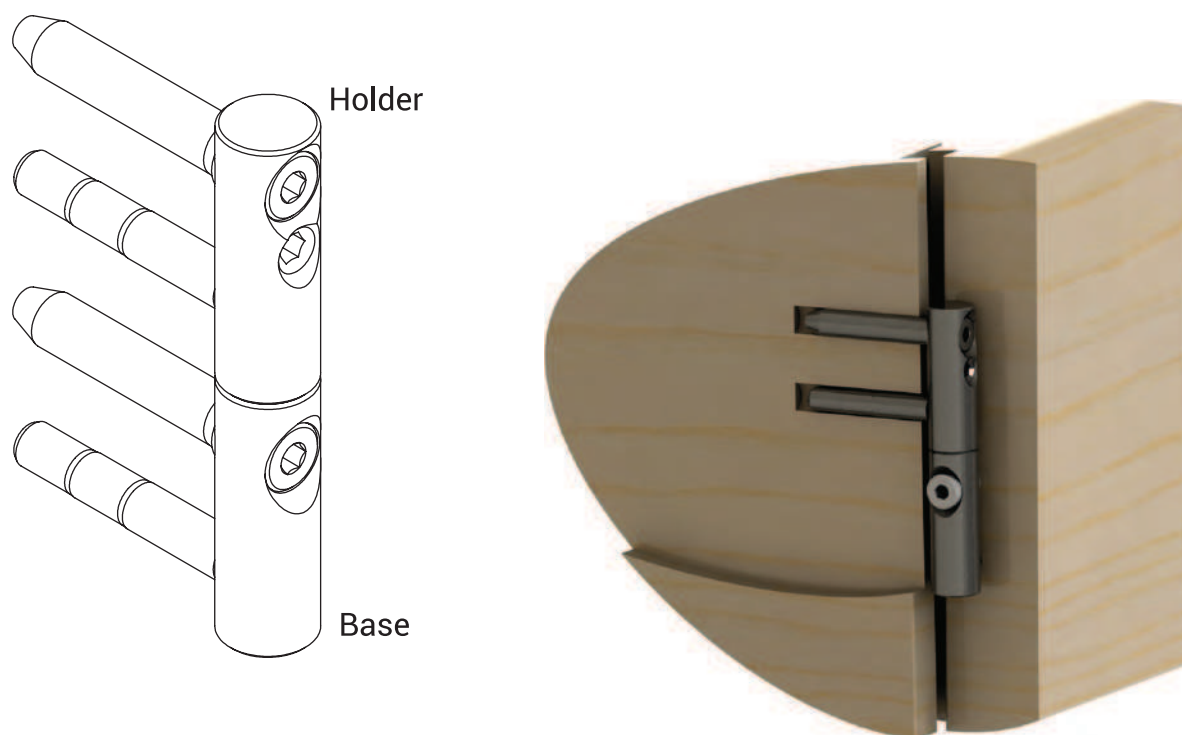


| CATALOGUE NUMBER | COMPONENTS   | MATERIAL          |
|------------------|--------------|-------------------|
| 3.ST29.001       | Holder, Base | Steel zinc plated |
| 3.ST29.001SN     | Holder, Base | Stainless steel   |



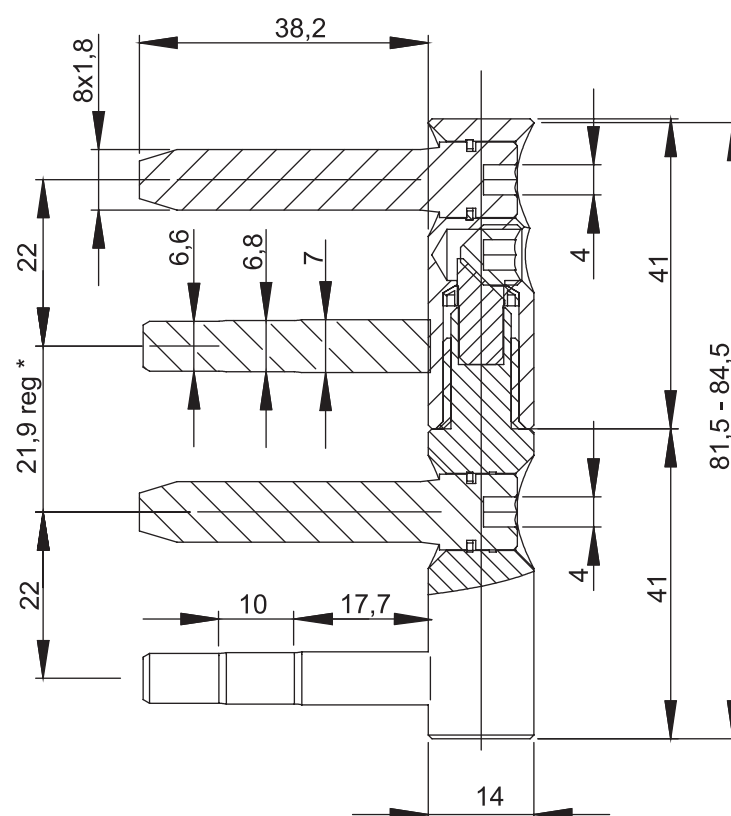
| Hinge       | X | L  | H  |
|-------------|---|----|----|
| 3.ST102.00X | 1 | 70 | 30 |
|             | 2 | 90 | 30 |

| CATALOGUE NUMBER | COMPONENTS | MATERIAL |
|------------------|------------|----------|
| 3.ST102.00X      | Fin        | Steel    |
|                  | Pin        | Steel    |



HINGES

3A



| CAT. NUMBER | COMPONENTS | MATERIAL          |
|-------------|------------|-------------------|
| 3.STM1.001  | Base       | Steel zinc plated |
|             | Holder     | Steel zinc plated |

\* height adjustment of the hinge holder use to 3 mm



HINGES

3A