



SFS



Hinges **catalogue**

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Specialists in fasteners and hinges

We are committed to constant improvement and innovation, always in close collaboration with our customers, colleagues, and suppliers. We seek success together and try to continuously improve.

SFS offers its services and its products with one goal:
the creation of benefits for the customer.

For our customers, it means having the specific knowledge of our employees available when it comes to development and research, as well as production and marketing to continuously improve the services offered

Effort and competence to arrive at convincing solutions:

our focus is on quality, starting from the first consultation, passing through development, then production, and finally supply. In SFS, productivity and process control are supported by a powerful infrastructure and organization.

Understanding the customer's needs is of vital importance to us

For SFS, closeness with the customer is fundamental.

Our vast geographical presence allows us immediate communications and a continuous exchange of information.

This means that specific solutions can be developed without the obstacle of linguistic or cultural barriers.

Our customers can thus benefit from a global strength yet local presence.

We aim to achieve specific solutions for each application to ensure reliable supplies all over the world.



Company Video





Quality management and workplace safety are of vital importance for SFS.

All the requirements of the quality, environmental, and safety management systems have been gathered by SFS in an integrated company management system called BMS, which documents every company procedure.

The basis of the SFS company quality management system is the fulfilment of the following international regulations:



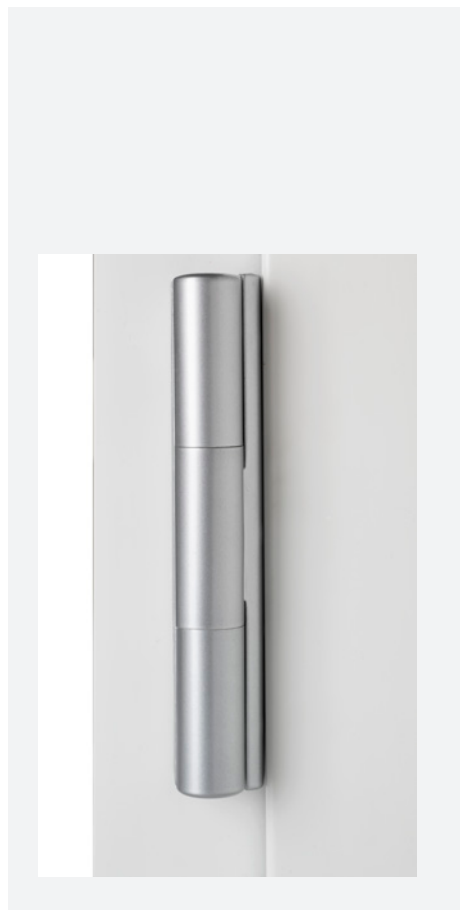
- ISO 9001: quality system management requirements
- ISO 14001: environmental protection system management requirements and application procedures
- ISO 45001: health and safety management requirements in the company depending on the sector in which we operate. There are sites that must comply with additional regulations such as:
- IATF 16949: these are special requirements applied to ISO 9001 for the supply of special parts for the automotive sector
- ISO 9100: requirements for organizations working in the aerospace and defence fields
- ISO 13485: requirements for the medical sector
- ISO 17025: general requirements for internal testing and calibration laboratories



New
products

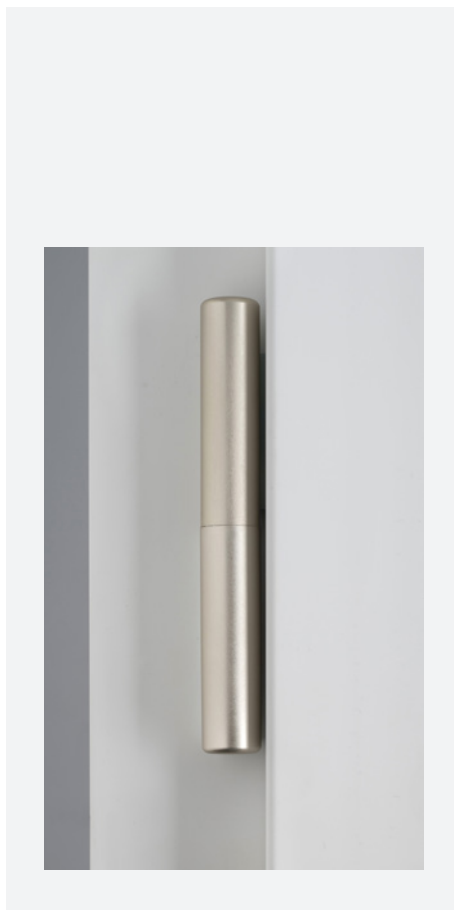
Dynamic 3D-G **Continuous gasket**

The ideal solution for energy saving. For PVC-U entrance doors with a continuous gasket. Adjustable, load capacity 160kg. with 2 hinges.



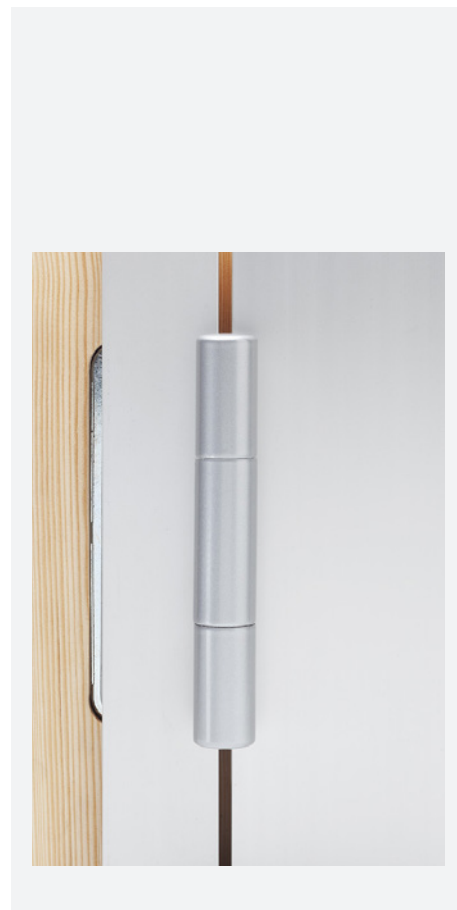
Estetic 3DN **For Eurogroove**

The perfect combination for PVC-U doors and balcony doors but applicable also on aluminium and timber. Adjustable, load capacity 80kg. with 2 hinges.



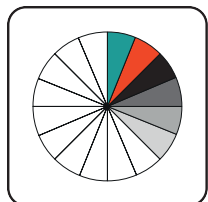
Dynamic 2D-TA **For timber-aluminium**

The quick and easy solution to apply for timber doors with aluminium cladding and external opening. Adjustable, load capacity 125kg. with 3 hinges.



Products

Characteristics



Hinges available in different colours

SFS offers a wide range of both galvanic and powder coating finishes. The finishes are resistant to atmospheric agents, and tested according to UNI EN 1670 standards.



Anti-fire resistance

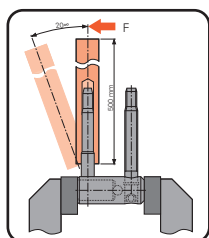
These products are anti-fire tested in accordance to EN1634-1:2018 standards



CE marking

The classification of the hinges takes place following functional tests according to EN 1935 in a recognized external institute

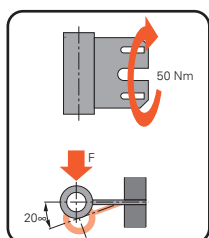
Test Products



Bolt welding test

All SFS hinges that the stud has been welded to, must comply with the quality requirements described below.

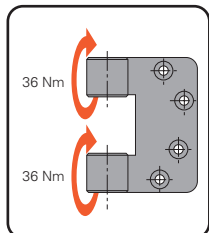
- Test condition:
- Bending of the welded stud by approximately 20°
- Condition to be met:
- The welding must remain intact (without cracks)



Welding test for plates with longitudinal welding

All SFS hinges with a longitudinal welding > 25 mm must comply with the quality requirements described below.

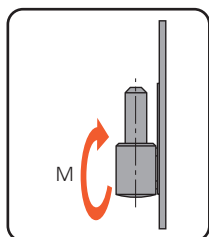
- Test condition:
- Apply a 50 Nm torque to the plate as per the drawing.
- Condition to be met:
- The welding must remain intact (without cracks)



Welding test for plates with spot welding

All SFS hinges with plates for flush fit doors must comply with the quality requirements described below.

- Test condition:
- Lock the plate, apply a 35 Nm torque to the base body as per drawing
- Condition to be met:
- The welding must remain intact (without cracks)



Welding test for fixing plates of hinges for PVC-U applications

All SFS hinges for PVC applications must comply with the quality requirements described below.

- Test condition:
- Lock the fixing plate.
 - Apply a torque to the base body, of:
 - a) 36 Nm (standard)
 - b) 25 Nm for 2 dimensions adjustable hinges

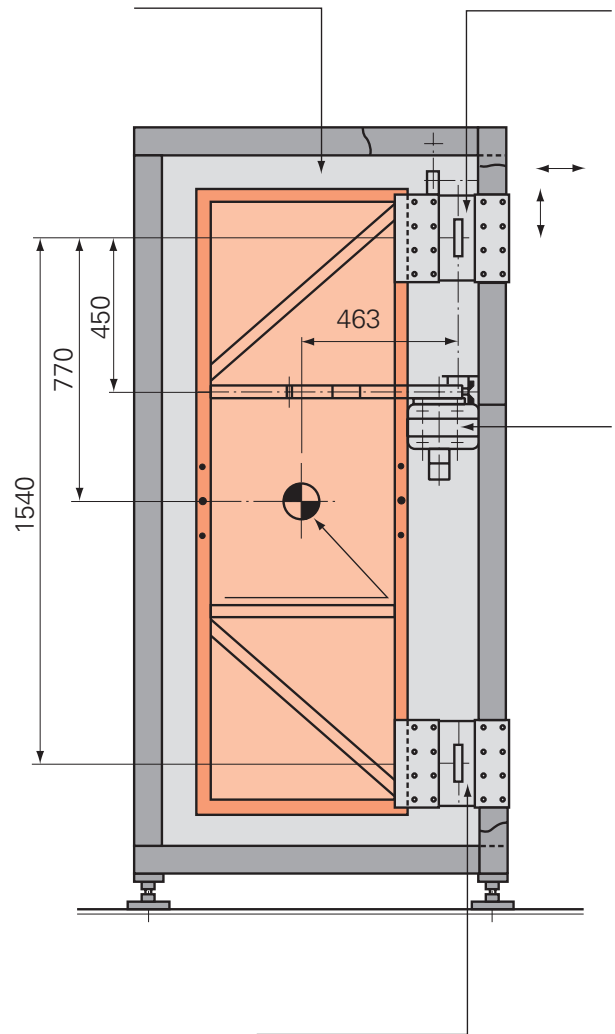
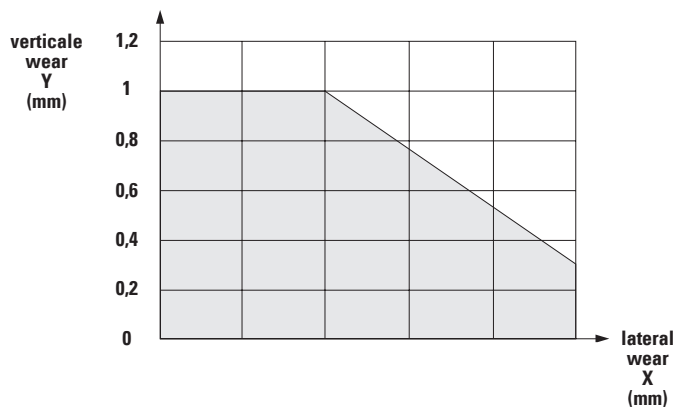
- Condition to be met:
- The welding must remain intact (without cracks)

Functional test according to EN 1935 standard

All SFS hinges subjected to the recommended loads must comply with the conditions established by EN standard 1935.

In addition to the shear strength and static load tests required by the standard, our hinges are subjected to the durability test described below:

- load the hinged test element with the mass required by the hinge class
 - measure and record the relative vertical and horizontal distances between the hinge elements and the reference surfaces
 - rotate the hinged test element for 20 cycles at $92.5^\circ \pm 2.5^\circ$
 - measure the torque required to start rotation at $0^\circ \pm 5^\circ$, $30^\circ \pm 5^\circ$, $60^\circ \pm 5^\circ$, $90^\circ \pm 5^\circ$
 - The max torque detected must not exceed the following parameters:
- 2 Nm class 1 - 7
3 Nm class 8 - 11
4 Nm class 12 - 14
- the test must be performed with a frequency of 600 ± 30 cycles/hour with an opening of $92.5 \pm 5^\circ$
 - after 200,000 cycles, measure the opening torque and the vertical and horizontal relative distances between the hinge elements and the reference surfaces. The extent of side and vertical wear measured as displacement between the reference surfaces must be within the area of the following graph:



Classification EN 1935 of CE certified hinges

Item description	Usage category	duration test (cycles)	Door dimensions	Fire & smoke resistance	Safety	Corrosion resistance	Anti-burglary protection	Hinge class	page
Dynamic 3DN	3	7	4	0	1	4	0	11	16-21
Dynamic 3D Ø 20	3	7	4	0	1	4	0	11	22-30
Dynamic 2D-10	3	7	4	0	1	4	0	11	47
W-Tec 3Ds	2	7	3	0	1	4	0	10	128-130
W-Tec 3D+60	2	7	3	1	1	4	0	10	131-133
W-Tec 3Di 60	2	7	3	1	1	4	0	10	134-136
W-Tec 3D+100	3	7	4	1	1	4	0	11	137-139
W-Tec 3Di 100	3	7	4	1	1	4	0	11	140-142
W-Tec 3D+160	4	7	6	0	1	4	1	13	143-145
W-Tec 3Df 160	4	7	6	1	1	4	1	13	146-148
W-Tec 3DL	4	7	7	0	1	4	1	14	149-151
Easy 3D Ø 20	3	7	4	1	1	4	0	11	96-103
Easy 3D-030	3	7	4	1	1	4	0	11	119
Just 3D	3	7	4	1	1	*)	0	11	120-121
11R Ø 14	2	7	1	0	1	4	0	4	85
11R Ø 15-000	2	7	2	1	1	3	0	7	86
11R Ø 15-005/6	2	7	2	1	1	3	0	7	115-116
11R Ø 15-009	2	7	2	1	1	3	0	7	89
11R Ø 15-030	2	7	2	1	1	3	0	7	88
11R Ø 15-033/34	2	7	2	1	1	3	0	7	113-114
11R Ø 20-000	2	7	2	1	1	*)	0	7	92
11R Ø 20-017	2	7	2	1	1	3	0	7	91
40H Ø 18-009	3	7	4	1	1	*)	0	11	79
40H Ø 18-008	3	7	4	1	1	*)	0	11	80
220 Ø 15	2	7	2	1	1	*)	0	7	107
220 Ø 15	3	7	4	0	1	*)	0	11	108

*) Hinges Surface	Classification UNI EN 1670
Zinc	3
Matt Nickel	0
Zinc GSS	3
Nickel	2
Brassed	2

All measures in mm



Functional test according to RAL standard

The capacity values of the SFS hinges have been measured after subjecting them to the test and in the conditions established by the RAL standard which we summarise below:

1.1 Duration test of 200,000 cycles

Door opening by least 90° and closing

7 - 9 openings and closings per minute

The door is initially moved for 10,000 cycles, then the X1 - Y1 measurement is checked. After another 190,000 cycles the X2 - Y2 measurement is checked.

The horizontal and vertical offset can be a maximum of 2mm. The hinges must remain functional and after the cycles the door must be able to close starting from a 15° angle.

1.2 Additional load

Open the door at 90° and repeat the load.

After removing the load, the door must not exceed the permissible values in closed position.

The stated weight capacity value was calculated with a dynamic test carried out according to the RAL standard, involving:

- 200,000 opening movements at 90°
- door measuring 2000mm (height) x 1000mm (width)
- 2 fitted hinges

It is important to bear in mind not only the stress due to structural factors (weight and dimensions) but also the external factors that the system is subjected to, as these can affect the weight capacity and life-span of the hinge, for example:

- measurements of the door outside the tolerance ranges (width and/or height)
- place of installation and use of the door (residential buildings, public buildings, schools, nurseries, etc.)
- frequency of opening
- presence of obstacles that prevent opening and/or closing (door stops, reveals, etc.)
- door opener and/or door closer
- doors with inward or outward opening

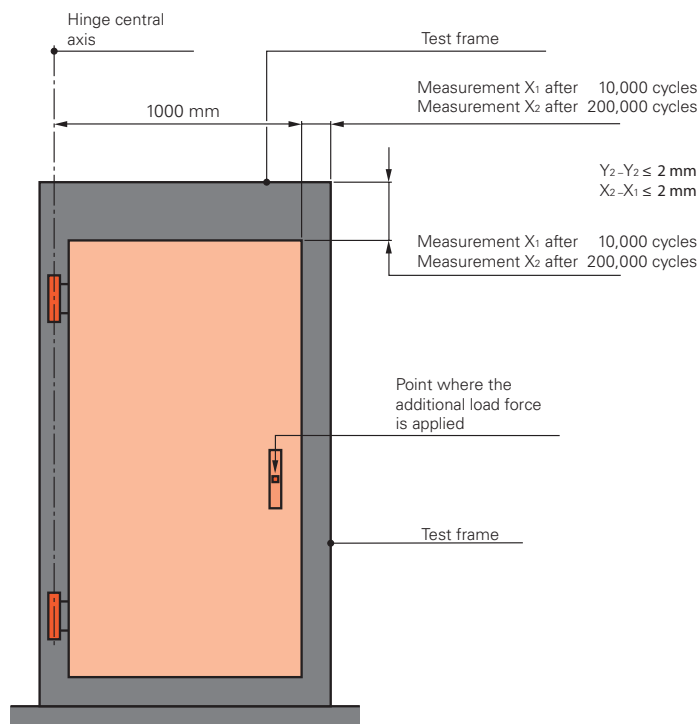
- weather conditions
- type of frame material (wood, PVC, aluminium etc.)

Care should be taken to choose the most suitable system, bearing in mind the factors listed above and the following variables:

- number of hinges fitted
- position that the hinges are fitted in
- type of hinges fitted

The essential requirements for ensuring the best performance of a hinge are:

- installation in a workmanlike manner of the hinge, of its accessories and of the door
- stability and correct installation of the frame



Number of hinges to be fitted

There are formulas to correctly calculate the stresses that the hinges are prone to. Beware that the examples do not take into account all possible variables related to specific applications. It is therefore suggested to contact SFS technical assistance service who can recommend the best solution.

Example A:

Weight of the door/window above the declared weight capacity value

The weight capacity value of 3rd or 4th additional hinge is as follows:

30% of the stated single hinge weight capacity up to 100 kg hinge.
20% of the stated single hinge weight capacity over 100 kg hinge.

Ex.:
Weight of the door: 95 kg
Dimensions of the door: 2000x1000 mm

Declared weight capacity for 2 hinges: 80 kg (=> weight capacity for 1 hinge: 40 kg)
Weight capacity of additional hinge (3rd or 4th): 30% of 40 kg = 12 kg

Number of hinges to be fitted:
 $80 \text{ kg} + 12 \text{ kg} + 12 \text{ kg} = 104 \text{ kg} \Rightarrow 4 \text{ hinges}$

Example B:

Width of the door/window above 1000mm

A 10% increase in weight of the door/window should be considered for each 100 mm of width above 1000 mm.

Ex.:
Weight of the door: 70 kg

Dimensions of the door: 2000x1200 mm
Door actual weight: 70 kg + 20% of 70 kg = 84 kg

Declared weight capacity for 2 hinges: 80 kg (=> weight capacity for 1 hinge: 40 kg)
Weight capacity of additional hinge (3rd or 4th): 30% of 40 kg = 12 kg

Number of hinges to be fitted:
 $80 \text{ kg} + 12 \text{ kg} = 92 \text{ kg} \Rightarrow 3 \text{ hinges}$

Example C:

Weight of the door/window with standard door closing device

A 20% increase in weight of the door/window should be considered when a standard door closing device is present.

Ex.:
Weight of the door: 70 kg
Dimensions of the door: 2000x1000 mm
Door actual weight: 70 kg + 20% of 70 kg = 84 kg

Declared weight capacity for 2 hinges: 80 kg (=> weight capacity for 1 hinge: 40 kg)
Weight capacity of additional hinge (3rd or 4th): 30% of 40 kg = 12 kg

Number of hinges to be fitted (3 hinges at least, 4 hinges recommended):
 $80 \text{ kg} + 12 \text{ kg} + 12 \text{ kg} = 104 \text{ kg} \Rightarrow 4 \text{ hinges}$

Number of hinges to be fitted

Example D:

Weight of the door/window with backcheck door closing device

A 75% increase in weight of the door/window should be considered when a backcheck door closing device is present.

Ex.:

Weight of the door: 70 kg

Dimensions of the door: 2000x1000 mm

Door actual weight: 70 kg + 75% of 70 kg = 123 kg

Declared weight capacity for 2 hinges: 110 kg (=> weight capacity for 1 hinge: 55 kg)

Weight capacity of additional hinge (3rd or 4th): 20% of 55 kg = 11 kg

Number of hinges to be fitted (3 hinges at least, 4 hinges recommended):

110 kg + 11 kg + 11 kg = 132 kg => 4 hinges

In the case of obstacles, door stops, door closers and door openers, it is advisable to use an additional hinge and in any case to consider the extent of the leverage effect that could occur.

This rule is valid for a maximum of 4 fitted hinges. If the number is any higher, a different type of product should be used. Please contact the SFS technical assistance service for advice.

Installation of additional hinges

Additional hinges are usually fitted symmetrically for aesthetic reasons or to ensure pressure on the seal at the centre.

In any case, the fitting of additional hinges at the points under greatest stress improves the weight bearing capacity.

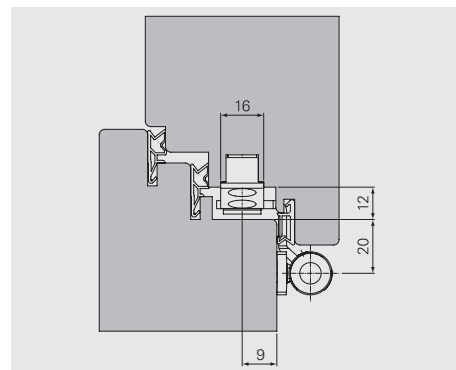
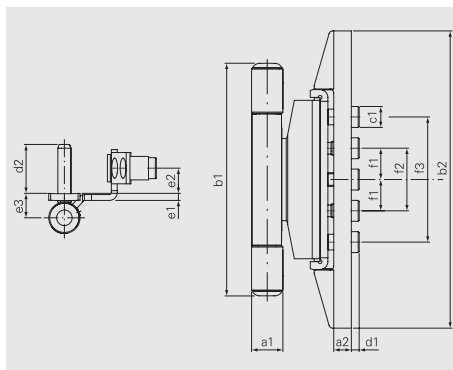
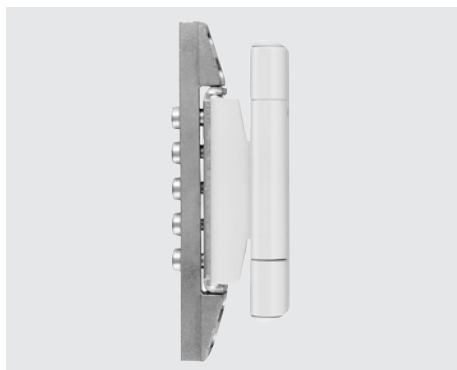
For example:

- if the door is of above standard width (2000mm x 1000mm), the third hinge should be fitted at an average distance of 300mm from the upper hinge.
- when there is a door stop on the floor, the additional hinge should be fitted at a distance of 300mm from the lower one.
- when there is a door open/closer and in any other case with 4 recommended hinges, the third one should be fitted at an average distance of 300mm from the upper one and the fourth one should be fitted at a distance of 300mm from the lower one..



Hinges for profiles with groove

Dynamic 3DN



Application: Dynamic 3DN-Hinge for 9mm Eurogroove position on timber

For timber doors and windows

Load capacity with 2 hinges 110 kg

Adjustable $-2/+6$ mm in height, ± 3 mm horizontal and ± 2 mm gasket pressure



Technical information

a1	a2	b1	b2	c1	d1	d2	e1	e2	e3	f1	f2	f3
16.0	9.0	119.0	152.0	10.7	4.0	25.0	3.6	9.0	12.5	16.0	32.0	64.0

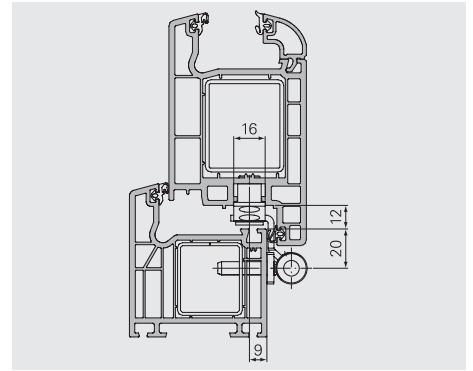
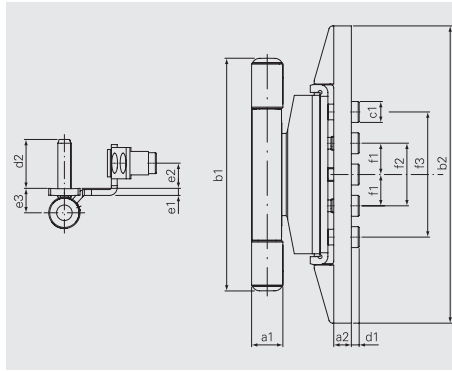
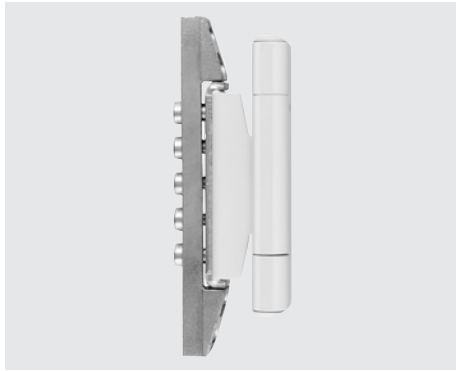
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
D3DN16F002GAM	12	Steel/Zamak	Powder coated Silver Grey	5	1569573
D3DN16F002BS			Powder coated White		1564876
D3DN16F002NM			Black Brown RAL 8022		1564877
D3DN16F002PFG			Powder coated Titanium Grey		1564884
D3DN16F002VBL			Light Bronzed		1564883
D3DN16F002MPN			Black RAL 9005 Matt		1586195

Jigs/Accessories

Product		Page	Product		Page
Jigs		230	Gaskets		230
Drill bit		233			

Dynamic 3DN



Application: Dynamic 3DN-Hinge for 9 mm Eurogroove position on PVC-U

For PVC-U doors and windows

Load capacity with 2 hinges 110 kg

Adjustable -2/+6 mm in height, ± 3 mm horizontal and ± 2 mm gasket pressure



Technical information

a1	a2	b1	b2	c1	d1	d2	e1	e2	e3	f1	f2	f3
16.0	9.0	119.0	152.0	10.7	4.0	25.0	3.6	9.0	12.5	16.0	32.0	64.0

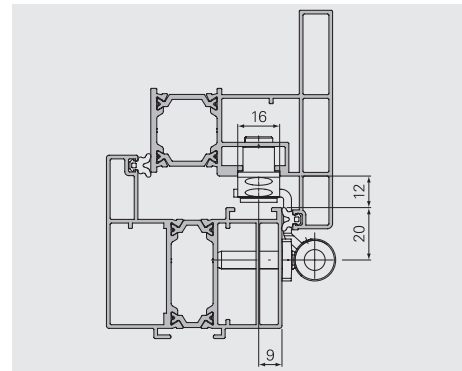
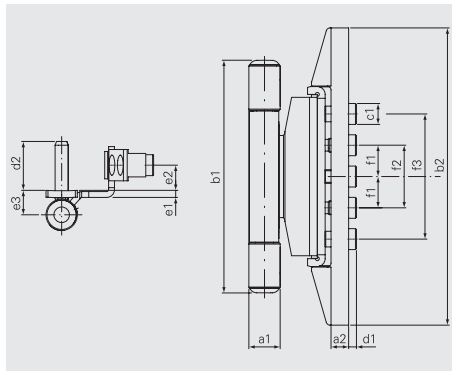
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
D3DN16F002GAM	12	Steel/Zamak	Powder coated Silver Grey	5	1569573
D3DN16F002BS			Powder coated White		1564876
D3DN16F002NM			Black Brown RAL 8022		1564877
D3DN16F002PFG			Powder coated Titanium Grey		1564884
D3DN16F002VBL			Light Bronzed		1564883
D3DN16F002MPN			Black RAL 9005 Matt		1586195

Jigs/Accessories

Product		Page	Product		Page
Jigs		230	Gaskets		230
Drill bit		233			

Dynamic 3DN



Application: Dynamic 3DN-Hinge for 9 mm Eurogroove position on Aluminium

For Aluminium doors and windows

Load capacity with 2 hinges 110 kg

Adjustable $-2/+6$ mm in height, ± 3 mm horizontal and ± 2 mm gasket pressure



Technical information

a1	a2	b1	b2	c1	d1	d2	e1	e2	e3	f1	f2	f3
16.0	9.0	119.0	152.0	10.7	4.0	25.0	3.6	9.0	12.5	16.0	32.0	64.0

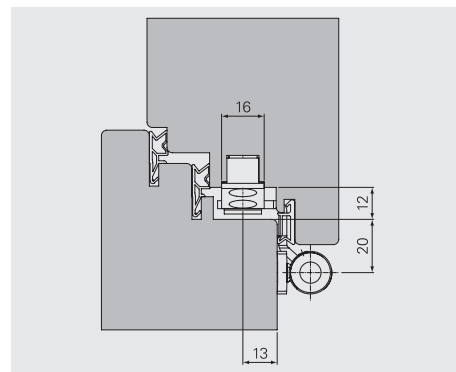
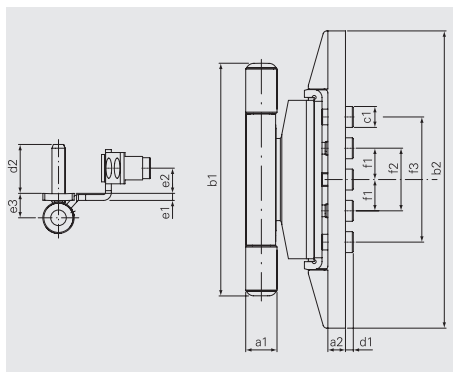
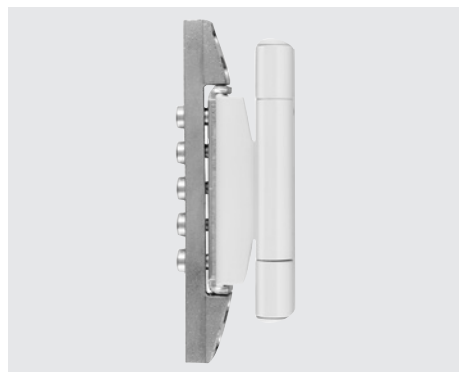
Range

Product	Packa- zione	Material	Surface	Corrosion resistance	Art. No
D3DN16F002PFG	12	Steel/Zamak	Powder coated Titanium Grey	5	1564884
D3DN16F002NM			Black Brown RAL 8022		1564877
D3DN16F002VBL			Light Bronzed		1564883
D3DN16F002PP			Pearl White RAL 1013		1564879
D3DN16F002GAM			Powder coated Silver Grey		1569573
D3DN16F002BS			Powder coated White		1564876

Jigs/Accessories

Product		Page	Product		Page
Jigs		230	Gaskets		230
Drill bit		233			

Dynamic 3DN



Application: Dynamic 3DN-Hinge for 13 mm Eurogroove position on timber

For timber doors and windows

Load capacity with 2 hinges 110 kg

Adjustable -2/+6 mm in height, ± 3 mm horizontal and ± 2 mm gasket pressure



Technical information

a1	a2	b1	b2	c1	d1	d2	e1	e2	e3	f1	f2	f3
16.0	9.0	119.0	152.0	10.7	4.0	25.0	3.6	13.0	12.5	16.0	32.0	64.0

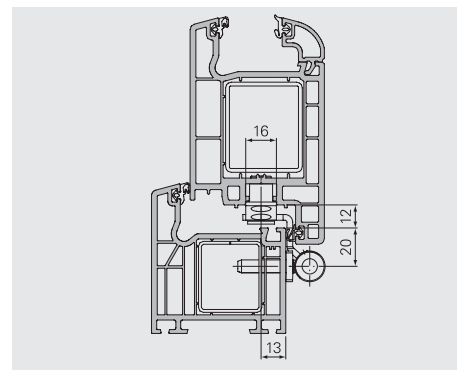
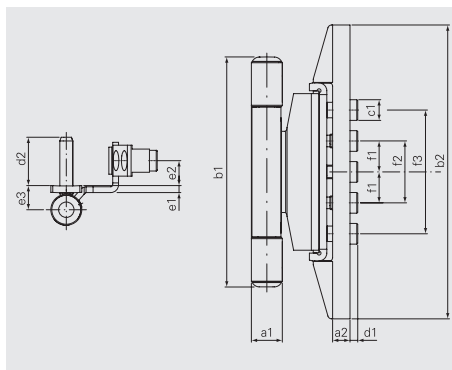
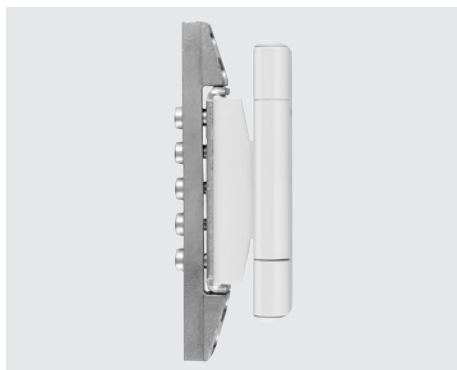
Range

Product	Packa- zione	Material	Surface	Corrosion resistance	Art. No
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D3DN16F000NM			Black Brown RAL 8022		1542184
D3DN16F000BS			Powder coated White		1542179
D3DN16F000PP			Pearl White RAL 1013		1563720
D3DN16F000VBL			Light Bronzed		1564875
D3DN16F000GAM			Powder coated Silver Grey		1542180
D3DN16F000OT			Brassed	3	1564873
D3DN16F000VDO			Matt Gold	5	1564874
D3DN16F000PFG			Powder coated Titanium Grey		1554809
D3DN16F000MPN			Black RAL 9005 Matt		1563722

Jigs/Accessories

Product		Page	Product		Page
Jigs		230	Gaskets		230
Drill bit		233			

Dynamic 3DN



Application: Dynamic 3DN-Hinge for 13 mm Eurogroove position on PVC-U

For PVC-U doors and windows

Load capacity with 2 hinges 110 kg

Adjustable $-2/+6$ mm in height, ± 3 mm horizontal and ± 2 mm gasket pressure



Technical information

a1	a2	b1	b2	c1	d1	d2	e1	e2	e3	f1	f2	f3
16.0	9.0	119.0	152.0	10.7	4.0	25.0	3.6	13.0	12.5	16.0	32.0	64.0

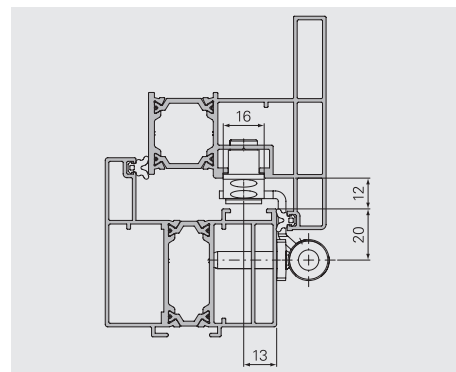
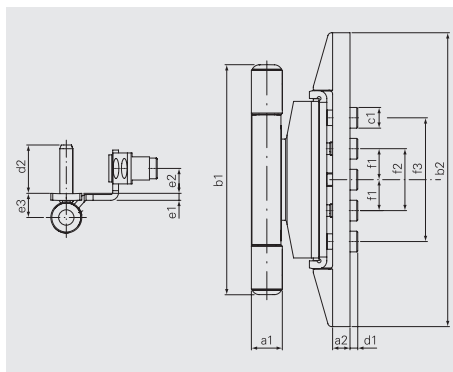
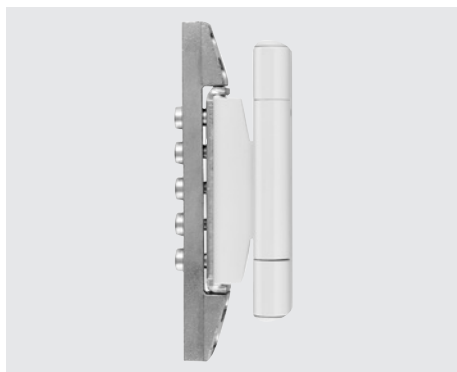
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
D3DN16F000PMT	12	Steel/Zamak	Clay Brown RAL 8003	5	1563723
D3DN16F000NM			Black Brown RAL 8022		1542184
D3DN16F000BS			Powder coated White		1542179
D3DN16F000PP			Pearl White RAL 1013		1563720
D3DN16F000VBL			Light Bronzed		1564875
D3DN16F000GAM			Powder coated Silver Grey		1542180
D3DN16F000OT			Brassed	3	1564873
D3DN16F000VDO			Matt Gold	5	1564874
D3DN16F000PFG			Powder coated Titanium Grey		1554809
D3DN16F000MPN			Black RAL 9005 Matt		1563722

Jigs/Accessories

Product		Page	Product		Page
Jigs		230	Gaskets		230
Drill bit		233			

Dynamic 3DN



Application: Dynamic 3DN-Hinge for 13 mm Eurogroove position on Aluminium

For Aluminium doors and windows

Load capacity with 2 hinges 110 kg

Adjustable -2/+6 mm in height, ± 3 mm horizontal and ± 2 mm gasket pressure



Technical information

a1	a2	b1	b2	c1	d1	d2	e1	e2	e3	f1	f2	f3
16.0	9.0	119.0	152.0	10.7	4.0	25.0	3.6	13.0	12.5	16.0	32.0	64.0

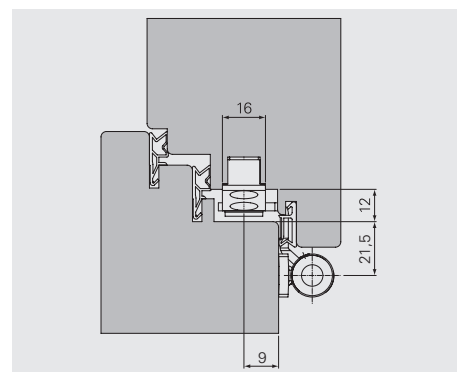
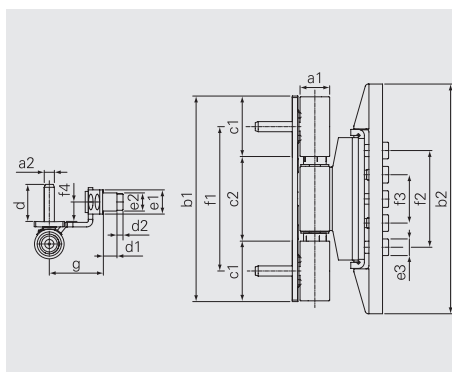
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Product	Packaging	Material	Surface	Corrosion resistance	Art. No
D3DN16F000PMT	12	Steel/Zamak	Clay Brown RAL 8003	5	1563723
D3DN16F000NM			Black Brown RAL 8022		1542184
D3DN16F000BS			Powder coated White		1542179
D3DN16F000PP			Pearl White RAL 1013		1563720
D3DN16F000VBL			Light Bronzed		1564875
D3DN16F000GAM			Powder coated Silver Grey		1542180
D3DN16F000OT			Brassed	3	1564873
D3DN16F000VDO			Matt Gold	5	1564874
D3DN16F000PFG			Powder coated Titanium Grey		1554809
D3DN16F000MPN			Black RAL 9005 Matt		1563722

Jigs/Accessories

Product		Page	Product		Page
Jigs		230	Gaskets		230
Drill bit		233			

Dynamic 3D Ø 20



Application: Dynamic 3D-Hinge for 9 mm Eurogroove position on timber

For timber doors and windows

Load capacity with 2 hinges 160 kg

Adjustable ± 4 mm in height, ± 3 mm horizontal and ± 2 mm gasket pressure



Technical information

a1	a2	b1	b2	c1	c2	d	d1	d2	e1	e2	e3	f1	f2	f3	f4	g
20.0	6.7	136.0	152.0	39.5	56.0	24.5	9.0	4.0	16.0	12.0	10.7	95.5	64.0	32.0	9.0	35.7

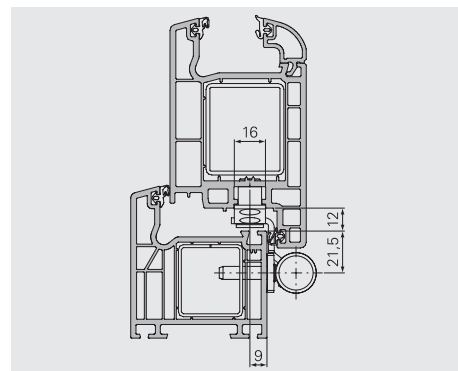
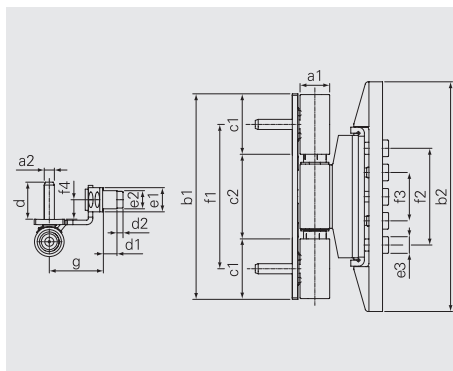
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
D3D20F003BS	3	Steel/Zamak	Powder coated White	5	1484376
D3D20F003NM			Black Brown RAL 8022		1484377
D3D20F003GAM			Powder coated Silver Grey		1484394
D3D20F003AEL			Brassed	3	1570454
D3D20F003MPN			Black RAL 9005 Matt	5	1608791

Jigs/Accessories

Product		Page	Product		Page
Jigs		230	Gaskets		230
Drill bit		233			

Dynamic 3D Ø 20



Application: Dynamic 3D-Hinge for 9 mm Eurogroove position on PVC-U

For PVC-U doors and windows

Load capacity with 2 hinges 160 kg

Adjustable ± 4 mm in height, ± 3 mm horizontal and ± 2 mm gasket pressure



Technical information

a1	a2	b1	b2	c1	c2	d	d1	d2	e1	e2	e3	f1	f2	f3	f4	g
20.0	6.7	136.0	152.0	39.5	56.0	24.5	9.0	4.0	16.0	12.0	10.7	95.5	64.0	32.0	9.0	37.5

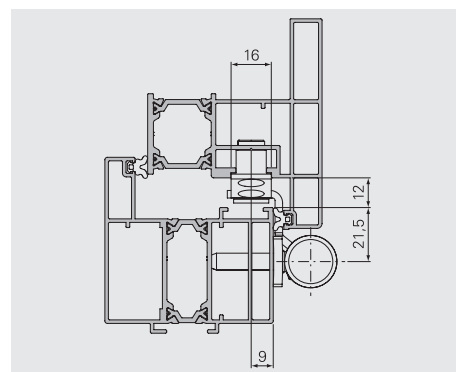
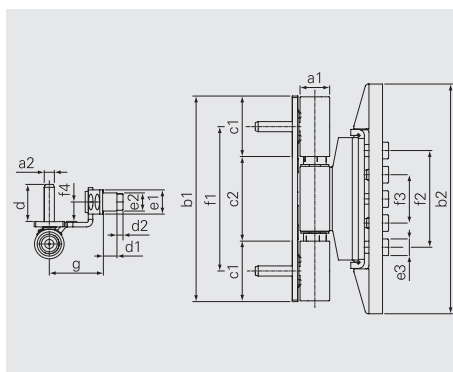
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Product	Packaging	Material	Surface	Corrosion resistance	Art. No
D3D20F003BS	3	Steel/Zamak	Powder coated White	5	1484376
D3D20F003NM			Black Brown RAL 8022		1484377
D3D20F003GAM			Powder coated Silver Grey		1484394
D3D20F003AEL		Black RAL 9005 Matt	Brassed	3	1570454
D3D20F003MPN			Black RAL 9005 Matt	5	1608791

Jigs/Accessories

Product		Page	Product		Page
Jigs		230	Gaskets		230
Drill bit		233			

Dynamic 3D Ø 20



Application: Dynamic 3D-Hinge for 9 mm Eurogroove position on Aluminium

For Aluminium doors and windows

Load capacity with 2 hinges 160 kg

Adjustable ± 4 mm in height, ± 3 mm horizontal and ± 2 mm gasket pressure



Technical information

a1	a2	b1	b2	c1	c2	d	d1	d2	e1	e2	e3	f1	f2	f3	f4	g
20.0	6.7	136.0	152.0	39.5	56.0	24.5	9.0	4.0	16.0	12.0	10.7	95.5	64.0	32.0	9.0	35.7

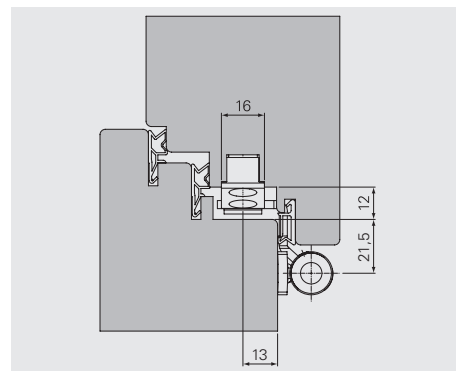
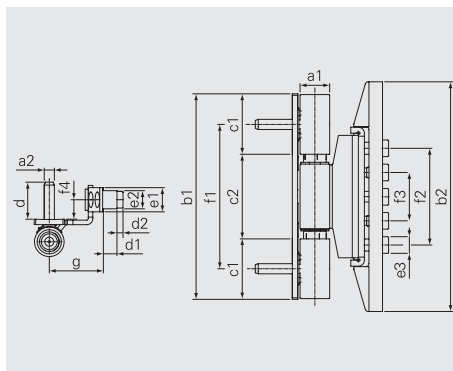
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
D3D20F003BS	3	Steel/Zamak	Powder coated White	5	1484376
D3D20F003NM			Black Brown RAL 8022		1484377
D3D20F003GAM			Powder coated Silver Grey		1484394
D3D20F003AEL			Brassed	3	1570454
D3D20F003MPN			Black RAL 9005 Matt	5	1608791

Jigs/Accessories

Product		Page	Product		Page
Jigs		230	Gaskets		230
Drill bit		233			

Dynamic 3D Ø 20



Application: Dynamic 3D-Hinge for 13 mm Eurogroove position on timber

For timber doors and windows

Load capacity with 2 hinges 160 kg

Adjustable ± 4 mm in height, ± 3 mm horizontal and ± 2 mm gasket pressure



Technical information

a1	a2	b1	b2	c1	c2	d	d1	d2	e1	e2	e3	f1	f2	f3	f4	g
20.0	6.7	136.0	152.0	39.5	56.0	24.5	9.0	4.0	16.0	12.0	10.7	95.5	64.0	32.0	13.0	35.7

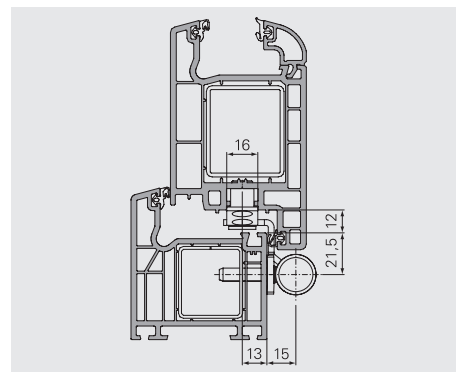
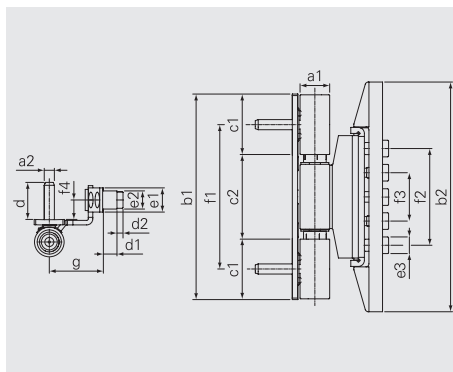
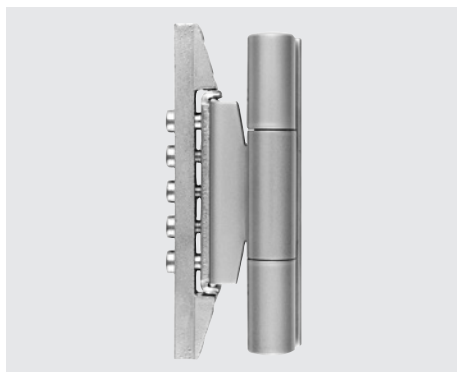
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
D3D20F000BS	3	Steel/Zamak	Powder coated White	5	1418380
D3D20F000NM			Black Brown RAL 8022		1418829
D3D20F000GAM			Powder coated Silver Grey		1418830
D3D20F000PP			Pearl White RAL 1013		1430482
D3D20F000PMT			Clay Brown RAL 8003		1430481
D3D20F000AEL			Brassed	3	1570613
D3D20F000VDO			Matt Gold		1570450
D3D20F000VBL			Light Bronzed		1570452
D3D20F000PFG			Powder coated Titanium Grey		1493837
D3D20F000MPN			Black RAL 9005 Matt		1493836

Jigs/Accessories

Product	Page	Product	Page
Jigs	230	Gaskets	230
Drill bit	233		

Dynamic 3D Ø 20



Application: Dynamic 3D-Hinge for 13 mm Eurogroove position on PVC-U

For PVC-U doors and windows

Load capacity with 2 hinges 160 kg

Adjustable ± 4 mm in height, ± 3 mm horizontal and ± 2 mm gasket pressure



Technical information

a1	a2	b1	b2	c1	c2	d	d1	d2	e1	e2	e3	f1	f2	f3	f4	g
20.0	6.7	136.0	152.0	39.5	56.0	24.5	9.0	4.0	16.0	12.0	10.7	95.5	64.0	32.0	13.0	35.7

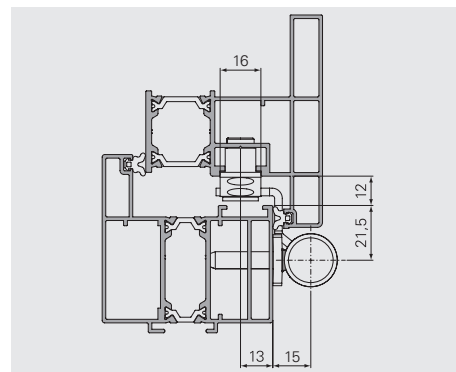
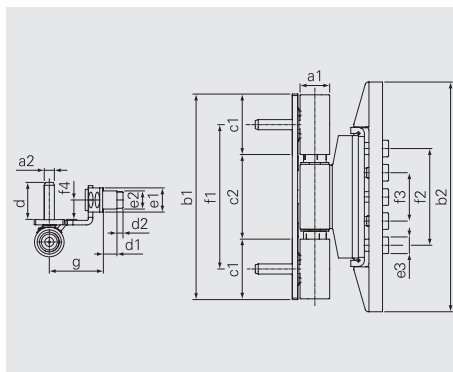
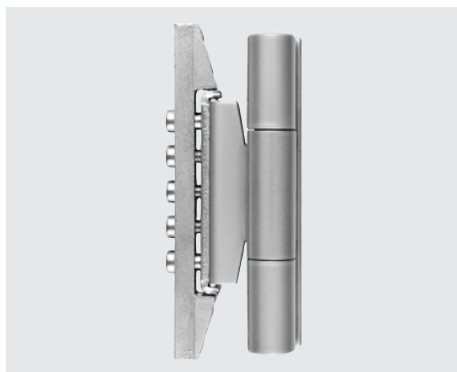
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Product	Packaging	Material	Surface	Corrosion resistance	Art. No
D3D20F000BS	3	Steel/Zamak	Powder coated White	5	1418380
D3D20F000NM			Black Brown RAL 8022		1418829
D3D20F000GAM			Powder coated Silver Grey		1418830
D3D20F000PP			Pearl White RAL 1013		1430482
D3D20F000PMT			Clay Brown RAL 8003		1430481
D3D20F000AEL			Brassed	3	1570613
D3D20F000VDO			Matt Gold	5	1570450
D3D20F000VBL			Light Bronzed		1570452
D3D20F000PFG			Powder coated Titanium Grey		1493837
D3D20F000MPN			Black RAL 9005 Matt		1493836

Jigs/Accessories

Product		Page	Product		Page
Jigs		230	Gaskets		230
Drill bit		233			

Dynamic 3D Ø 20



Application: Dynamic 3D-Hinge for 13 mm Eurogroove position on Aluminium

For Aluminium doors and windows

Load capacity with 2 hinges 160 kg

Adjustable ± 4 mm in height, ± 3 mm horizontal and ± 2 mm gasket pressure



Technical information

a1	a2	b1	b2	c1	c2	d	d1	d2	e1	e2	e3	f1	f2	f3	f4	g
20.0	6.7	136.0	152.0	39.5	56.0	24.5	9.0	4.0	16.0	12.0	10.7	95.5	64.0	32.0	13.0	35.7

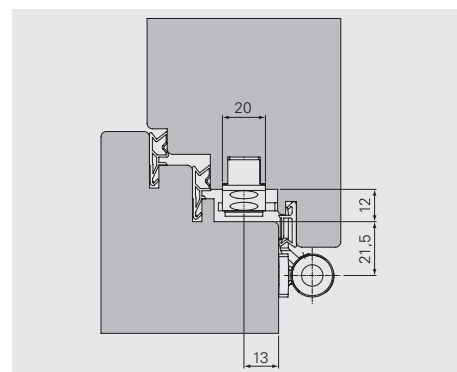
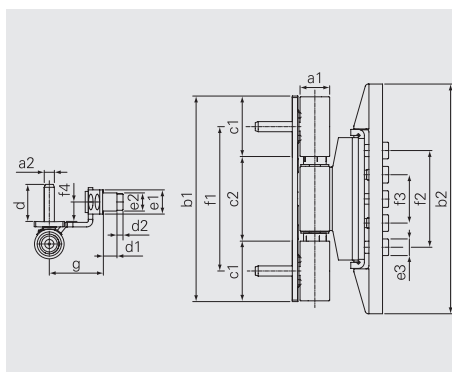
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
D3D20F000BS	3	Steel/Zamak	Powder coated White	5	1418380
D3D20F000NM			Black Brown RAL 8022		1418829
D3D20F000GAM			Powder coated Silver Grey		1418830
D3D20F000PP			Pearl White RAL 1013		1430482
D3D20F000PMT			Clay Brown RAL 8003		1430481
D3D20F000AEL			Brassed	3	1570613
D3D20F000VDO			Matt Gold	5	1570450
D3D20F000VBL			Light Bronzed		1570452
D3D20F000PFG			Powder coated Titanium Grey		1493837
D3D20F000MPN			Black RAL 9005 Matt		1493836

Jigs/Accessories

Product		Page	Product		Page
Jigs		230	Gaskets		230
Drill bit		233			

Dynamic 3D Ø 20



Application: Dynamic 3D-Hinge for 20 mm groove position 13 mm on timber

For timber doors and windows

Load capacity with 2 hinges 160 kg

Adjustable ± 4 mm in height, ± 3 mm horizontal and ± 2 mm gasket pressure



Technical information

a1	a2	b1	b2	c1	c2	d	d1	d2	e1	e2	e3	f1	f2	f3	f4	g
20.0	6.7	136.0	152.0	39.5	56.0	24.5	9.0	4.0	20.0	12.0	10.7	95.5	64.0	32.0	13.0	35.7

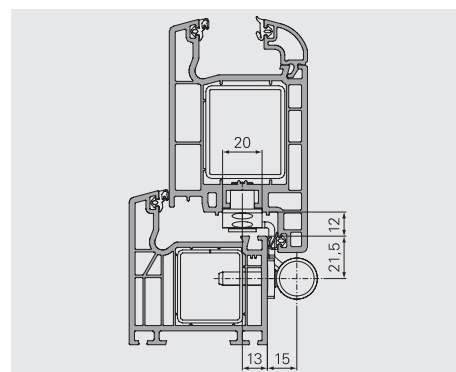
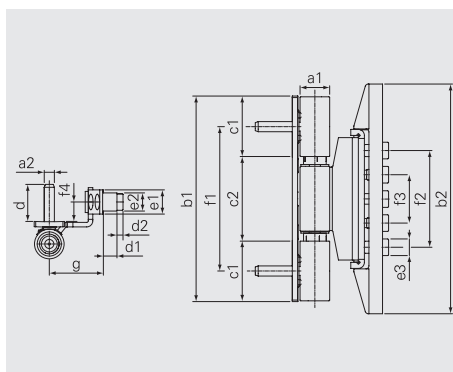
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
D3D20F001BS	3	Steel/Zamak	Powder coated White	5	1422307
D3D20F001NM			Black Brown RAL 8022		1422326
D3D20F001GAM			Powder coated Silver Grey		1422327
D3D20F001PMT			Clay Brown RAL 8003		1430561
D3D20F001PP			Pearl White RAL 1013		1430562
D3D20F001AEL			Brassed	3	1570449
D3D20F001MPN			Black RAL 9005 Matt	5	1690729

Jigs/Accessories

Product		Page	Product		Page
Jigs		230	Gaskets		230
Drill bit		233			

Dynamic 3D Ø 20



Application: Dynamic 3D-Hinge for 20 mm groove position 13 mm on PVC-U

For PVC-U doors and windows

Load capacity with 2 hinges 160 kg

Adjustable ± 4 mm in height, ± 3 mm horizontal and ± 2 mm gasket pressure



Technical information

a1	a2	b1	b2	c1	c2	d	d1	d2	e1	e2	e3	f1	f2	f3	f4	g
20.0	6.7	136.0	152.0	39.5	56.0	24.5	9.0	4.0	20.0	12.0	10.7	95.5	64.0	32.0	13.0	35.7

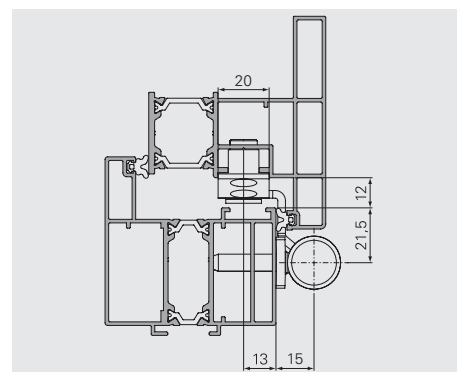
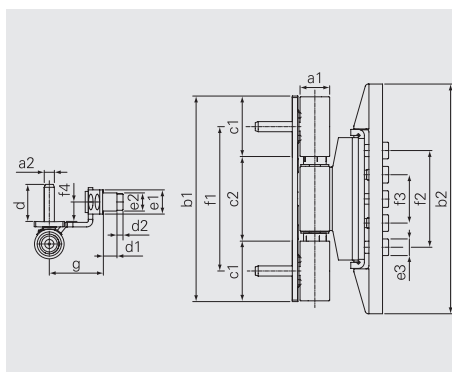
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
D3D20F001BS	3	Steel/Zamak	Powder coated White	5	1422307
D3D20F001NM			Black Brown RAL 8022		1422326
D3D20F001GAM			Powder coated Silver Grey		1422327
D3D20F001PMT			Clay Brown RAL 8003		1430561
D3D20F001PP			Pearl White RAL 1013		1430562
D3D20F001AEL			Brassed	3	1570449
D3D20F001MPN			Black RAL 9005 Matt	5	1690729

Jigs/Accessories

Product		Page	Product		Page
Jigs		230	Gaskets		230
Drill bit		233			

Dynamic 3D Ø 20



Application: Dynamic 3D-Hinge for 20 mm groove position 13 mm on Aluminium

For Aluminium doors and windows

Load capacity with 2 hinges 160 kg

Adjustable ± 4 mm in height, ± 3 mm horizontal and ± 2 mm gasket pressure



Technical information

a1	a2	b1	b2	c1	c2	d	d1	d2	e1	e2	e3	f1	f2	f3	f4	g
20.0	6.7	136.0	152.0	39.5	56.0	24.5	9.0	4.0	20.0	12.0	10.7	95.5	64.0	32.0	13.0	35.7

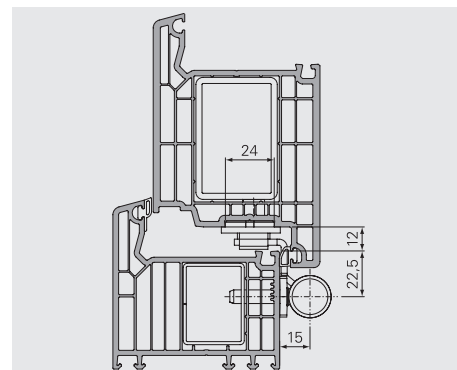
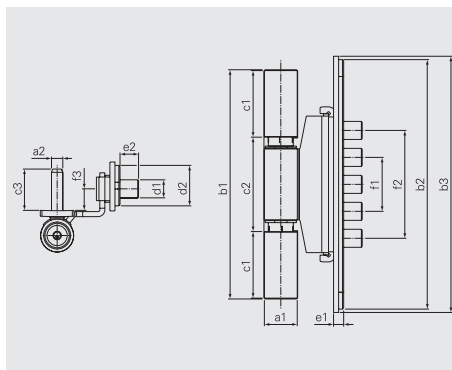
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
D3D20F001BS	3	Steel/Zamak	Powder coated White	5	1422307
D3D20F001NM			Black Brown RAL 8022		1422326
D3D20F001GAM			Powder coated Silver Grey		1422327
D3D20F001PMT			Clay Brown RAL 8003		1430561
D3D20F001PP			Pearl White RAL 1013		1430562
D3D20F001AEL			Brassed	3	1570449
D3D20F001MPN			Black RAL 9005 Matt	5	1690729

Jigs/Accessories

Product		Page	Product		Page
Jigs		230	Gaskets		230
Drill bit		233			

Dynamic 3D Ø 20 Veka



Application: Dynamic 3D-Hinge for 24 mm groove Veka on PVC-U

For PVC-U doors and windows

Load capacity with 2 hinges 160 kg

Adjustable ± 4 mm in height, ± 3 mm horizontal and ± 2 mm gasket pressure



Technical information

a1	a2	b1	b2	b3	c1	c2	c3	d1	d2	e1	e2	f1	f2	f3
20.0	6.7	136.0	148.0	152.0	39.5	56.0	24.5	10.7	24.0	6.0	10.0	32.0	64.0	13.0

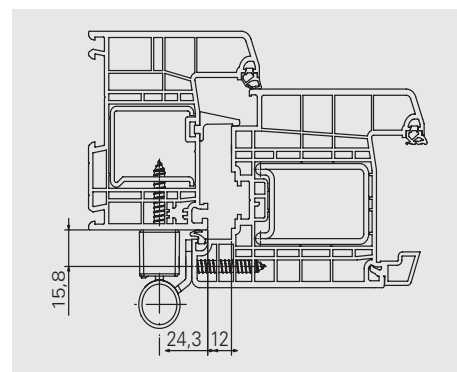
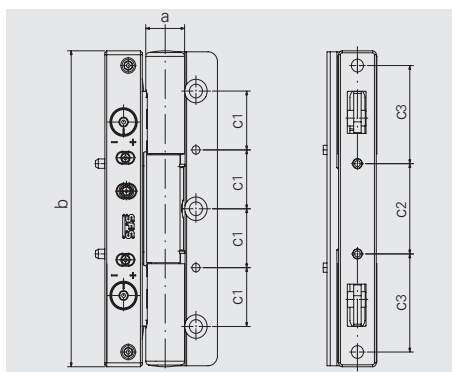
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
D3D20F004BS	3	Steel/Zamak	Powder coated White	5	1492445
D3D20F004PP			Pearl White RAL 1013		1513173
D3D20F004PMT			Clay Brown RAL 8003		1513174
D3D20F004NM			Black Brown RAL 8022		1511761
D3D20F004GAM			Powder coated Silver Grey		1492446
D3D20F004AEL			Brassed	3	1570453
D3D20F004VBL			Light Bronzed	5	1580873
D3D20F004MPN			Black RAL 9005 Matt		1680882

Jigs/Accessories

Product		Page	Product		Page
Jigs		230	Gaskets		230
Drill bit		233			

Dynamic 3D-G



Application: Dynamic 3DG-Hinge for overlap ≥ 22 mm

For PVC-U doors and windows

Load capacity with 2 hinges 160 kg

Adjustable ± 4 mm in height, $\pm 2,5$ mm horizontal and $\pm 1,5$ mm gasket pressure



Technical information

a	b	c1	c2	c3
20.0	161.0	30.0	46.0	50.0

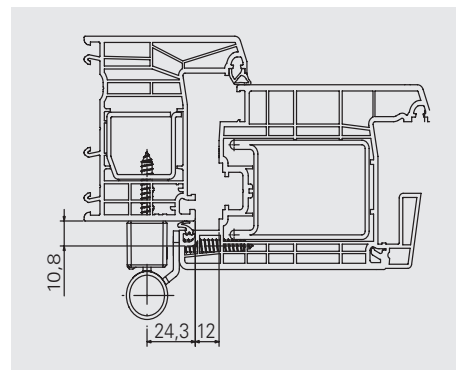
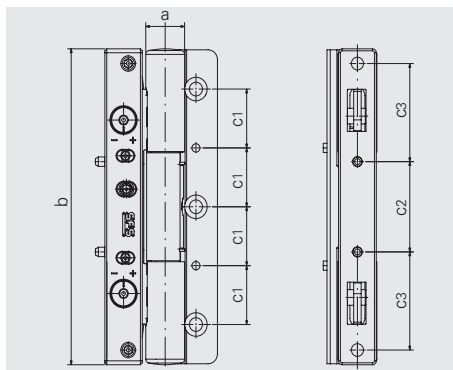
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
D3DG20F000BS	3	Steel/Zamak	Powder coated White	5	1644529
D3DG20F000GAM			Powder coated Silver Grey		1644665

Jigs/Accessories

Product		Page	Product		Page
Jigs		230			
Drill bit		233			

Dynamic 3D-G



Application: Dynamic 3DG-Hinge for overlap < 22 mm

For PVC-U doors and windows

Load capacity with 2 hinges 160 kg

Adjustable ± 4 mm in height, $\pm 2,5$ mm horizontal and $\pm 1,5$ mm gasket pressure



Technical information

a	b	c1	c2	c3
20.0	161.0	30.0	46.0	50.0

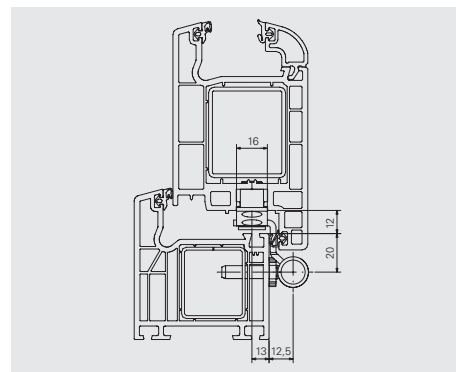
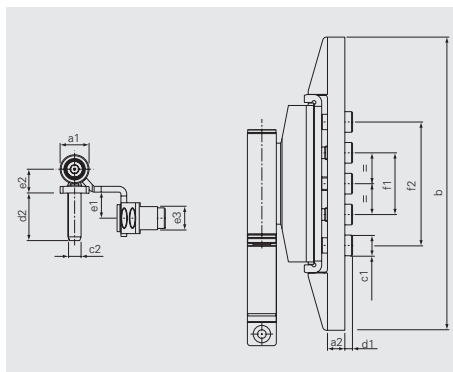
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
D3DG20F002BS	12	Steel/Zamak	Powder coated White	5	1655737
D3DG20F002GAM			Powder coated Silver Grey		1655757
D3DG20F002NM			Black Brown RAL 8022		1698908
D3DG20F002PMT			Clay Brown RAL 8003		1698909
D3DG20F002VBL			Light Bronzed		1700484

Jigs/Accessories

Product		Page	Product		Page
Jigs		230			
Drill bit		233			

Estetic 3DN



Application: Estetic 3DN-Hinge for 16 mm groove position 13 mm on PVC-U

For PVC-U doors and windows

Load capacity with 2 hinges 80 kg

Adjustable +5/-1 mm in height, $\pm 3,0$ mm horizontal and $\pm 2,0$ mm gasket pressure



Technical information

a1	a2	b	c1	c2	d1	d2	e1	e2	e3	f1	f2
15.0	9.0	152.0	10.7	6.7	4.0	24.5	13.0	12.5	12.0	32.0	64.0

Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
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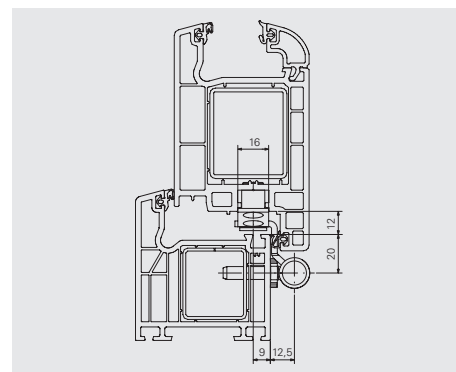
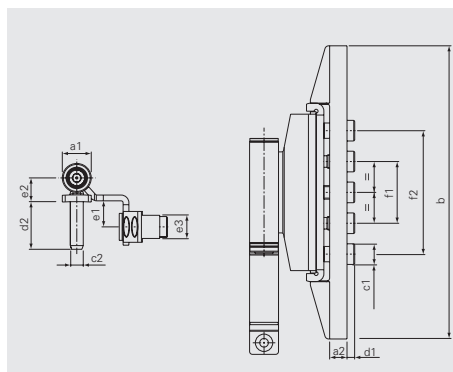
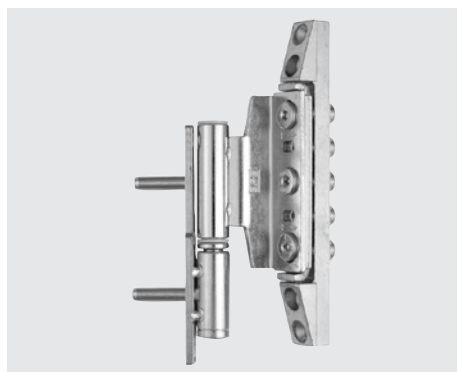
Caps

18015RFC03ACA	50	Aluminium	Matt Chrome		936063
18015RFC03AEL			Brassed		929976
18015RFC03AKC			Light Bronzed		744963
18015RFC03AMPN			Black RAL 9005 Matt		1619856
18015RFC03ANL			Bright Nickel		929977
18015RFC03APP			Pearl White RAL 1013		1675132
18015RFC03ABS			Powder coated White RAL 9016		1675134
18015RFC03ANM			Black Brown RAL 8022		1675129
18015RFC03ANO			Matt Nickel		929979

Jigs/Accessories

Product		Page	Product		Page
Jigs		230			
Drill bit		233			

Estetic 3DN



Application: Estetic 3DN-Hinge for 16 mm groove position 9 mm on PVC-U

For PVC-U doors and windows

Load capacity with 2 hinges 80 kg

Adjustable +5/-1 mm in height, $\pm 3,0$ mm horizontal and $\pm 2,0$ mm gasket pressure



Technical information

a1	a2	b	c1	c2	d1	d2	e1	e2	e3	f1	f2
15.0	9.0	152.0	10.7	6.7	4.0	24.5	9.0	12.5	12.0	32.0	64.0

Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
E3N15F001SZ	3	Steel/Zamak	Zinc	3	1662494

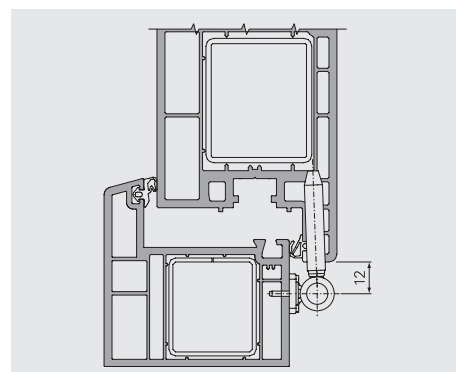
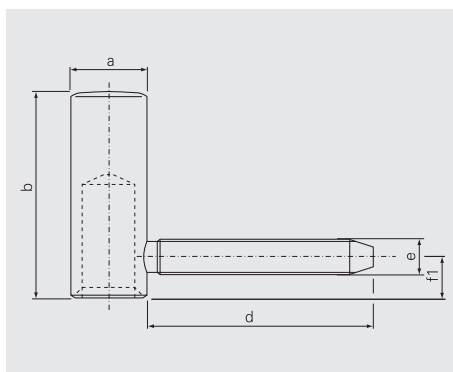
Caps

18015RFC03ACA	50	Aluminium	Matt Chrome		936063
18015RFC03AEL			Brassed		929976
18015RFC03AKC			Light Bronzed		744963
18015RFC03AMPN			Black RAL 9005 Matt		1619856
18015RFC03ANL			Bright Nickel		929977
18015RFC03APP			Pearl White RAL 1013		1675132
18015RFC03ABS			Powder coated White RAL 9016		1675134
18015RFC03ANM			Black Brown RAL 8022		1675129
18015RFC03ANO			Matt Nickel		929979

Jigs/Accessories

Product		Page	Product		Page
Jigs		230			
Drill bit		233			

10L-15-F47



Application: 10L Ø 15--Sash part for PVC-U

For PVC-U doors and windows

Load capacity with 2 hinges 40 kg



Technical information

a	b	d	e	f1
15.0	39.5	44.0	7.0	8.0

Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
10L15HF47NM	100	Steel	Black Brown RAL 8022	5	876819
10L15HF47CBS			Powder coated White		512365
10L15HF47CZ			Zinc	3	1172105

Combinations/Jigs/Accessories

Product

169 Ø 15 frame part

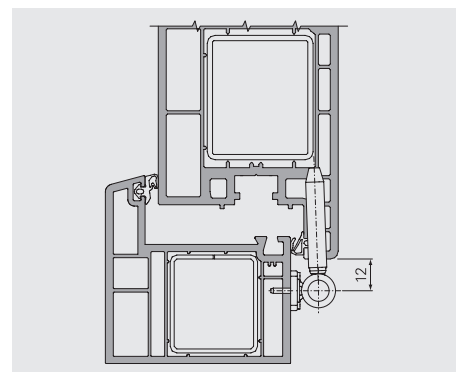
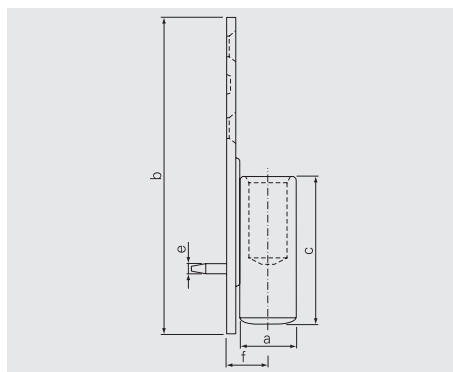


Product

169 Ø 15 pin



169-15-F05



Application: 169 Ø 15-Frame part for PVC-U

For PVC-U doors and windows

Load capacity with 2 hinges 40 kg



Technical information

a	b	c	f
15.0	86.0	39.5	11.0

Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
16915HF05NM	100	Steel	Black Brown RAL 8022	5	671214
16915HF05BS			Powder coated White		754774
16915HF05SZ			Zinc	3	997098

Combinations/Jigs/Accessories

Product

10L Ø 15 sash part

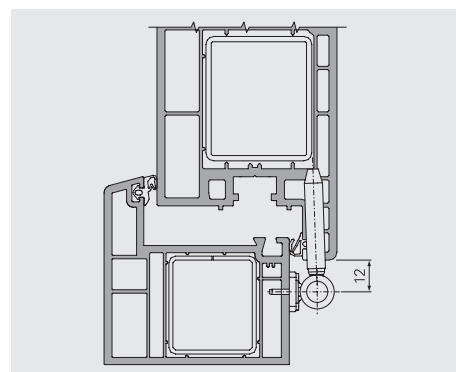
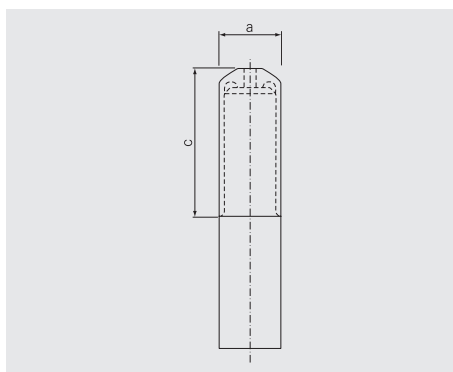


Product

169 Ø 15 pin



169-15-P09



Application: 169 Ø 15-Self lubricating pin

For sash part 10L Ø 15

For frame part 169 Ø 15

Technical information

a	c
10.0	24.0

Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
16915EP09SZ	100	Steel	Zinc	3	1272394

Version with washer

16915EP15SZ	100	Steel	Zinc bush RAL 9010	3	1272677
16915EP15SZ			Zinc bush RAL 8017		1188426

Combinations/Jigs/Accessories

Product

169 Ø 15 frame part

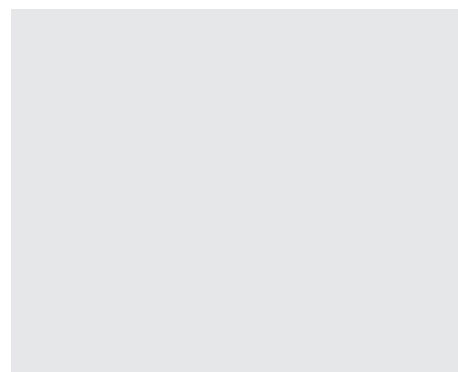
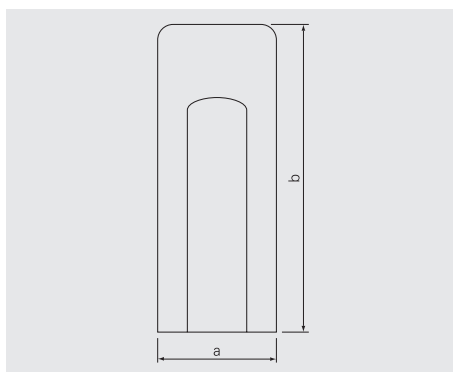


Product

10L Ø 15 sash part



180-15-FC02



Application: 180 Ø 15-Cover cap

For sash part 10L Ø 15

For 169 Ø 15 frame part



Technical information

a	b
15.7	40.5

Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
18015FFC02ABS	50	Aluminium	Powder coated White		1132338
18015FFC02AEL			Brassed		1708942
18015FFC02ANM			Black Brown RAL 8022		1132341
18015FFC02ALN			Natural Silver		997677
18015FFC02AKC			Light Bronzed		712551
18015FFC02VDO			Matt Gold		1317846

Combinations/Jigs/Accessories

Product

10L Ø 15 sash part

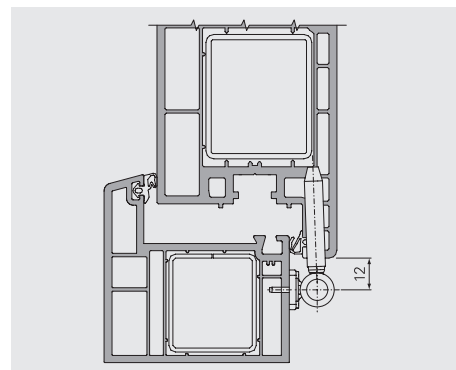
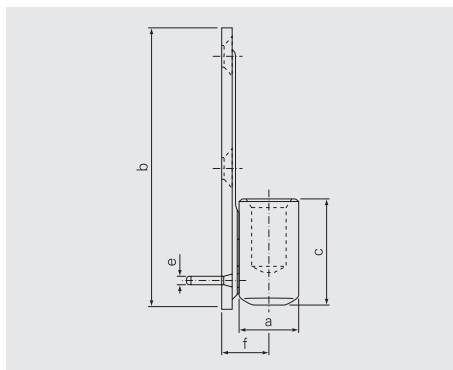


Product

169 Ø 15 frame part



169-13-F03



Application: 169 Ø 13-Frame part for PVC-U

For PVC-U doors and windows

Load capacity with 2 hinges 30 kg



Technical information

a	b	c	e	f
13.0	60.0	22.5	2.0	10.5

Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
16913HF03NM	100	Steel	Black Brown RAL 8022	5	839436
16913HF03PP			Pearl White RAL 1013		984025
16913HF03OT			Brassed	3	1047880
16913HF03RS			Matt Chrome	0	1047893
16913HF03BS			Powder coated White	5	1272318

Combinations/Jigs/Accessories

Product

169 Ø 13 sash part



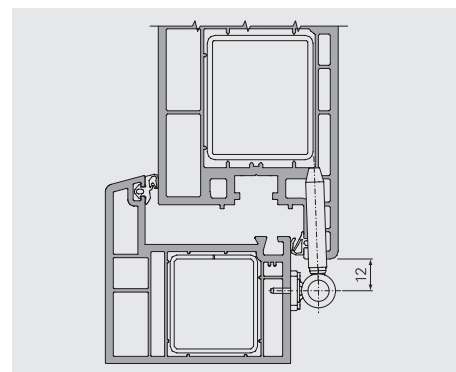
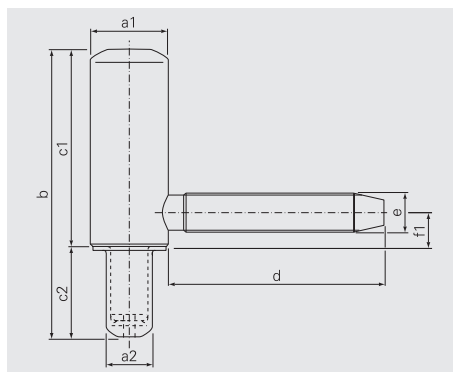
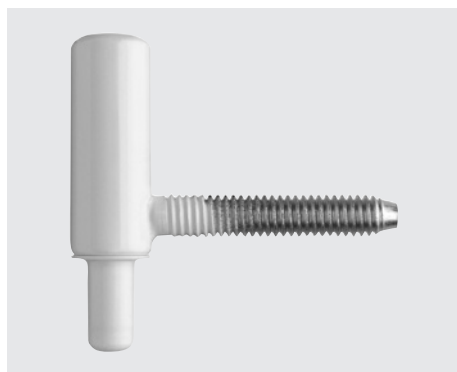
Product

Jig

Page

231

169-13-M04



Application: 169 Ø 13-Sash part for PVC-U

For PVC-U doors and windows

Load capacity with 2 hinges 30 kg



Technical information

a1	a2	b	c1	c2	d	e	f1
13.0	7.5	51.0	35.5	15.5	40.0	7.0	6.0

Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
16913HM04PA	100	Steel	White RAL 9010	5	947133
16913HM04BS			Powder coated White		904101

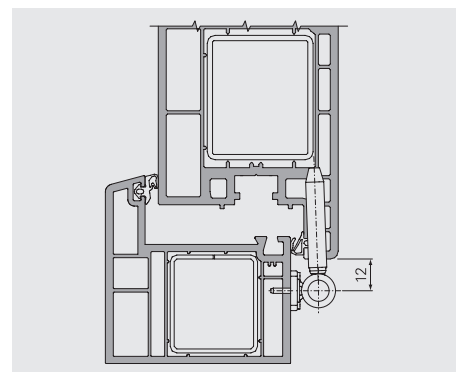
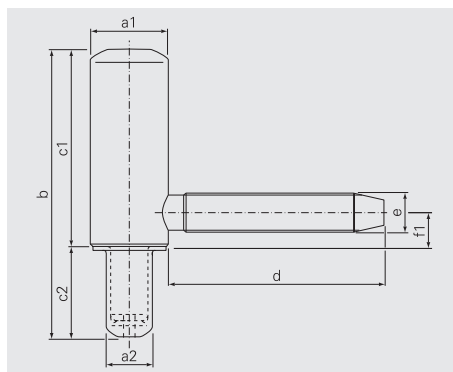
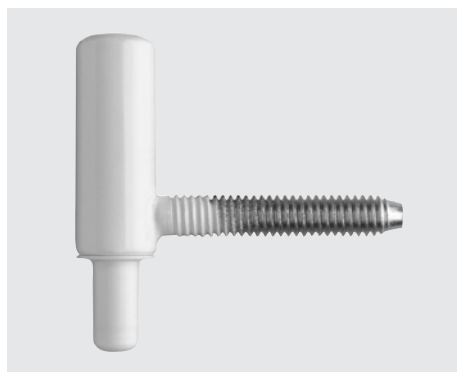
Combinations/Jigs/Accessories

Product
169 Ø 13 frame part



Product	Page
Jig	231

169-13-M05



Application: 169 Ø 13-Sash part for PVC-U

For PVC-U doors and windows

Load capacity with 2 hinges 30 kg



Technical information

a1	a2	b	c1	c2	d	e	f1
13.0	7.5	51.0	35.5	15.5	40.0	6.0	6.0

Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
16913HM05NM	100	Steel	Black Brown RAL 8022	5	1177108
16913HM05PP			Pearl White RAL 1013		1177107
16913HM05OT			Brassed	3	1177112
16913HM05RS			Matt Chrome	0	1177111
16913HM05BS			Powder coated White	5	1272343

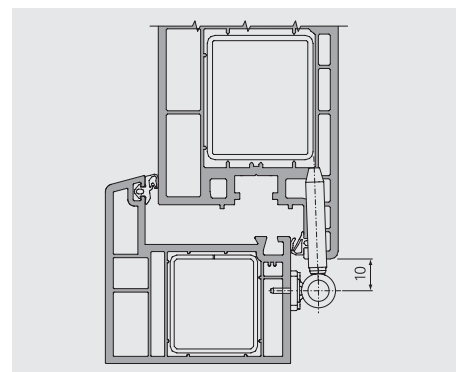
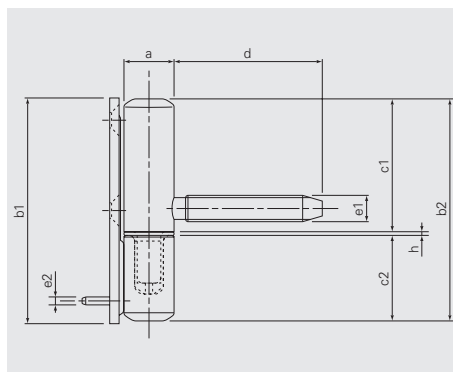
Combinations/Jigs/Accessories

Product
169 Ø 13 frame part



Product	Page
Jigs	231
Drill bit	233

169 Ø 13



Application: 169 Ø 13-Stainless steel 2 part hinge

For PVC-U doors and windows

Load capacity with 2 hinges 30 kg



Technical information

a	b1	b2	c1	c2	d	e1	e2	h
13.0	60.0	58.0	35.0	22.5	40.0	7.0	2.0	0.5

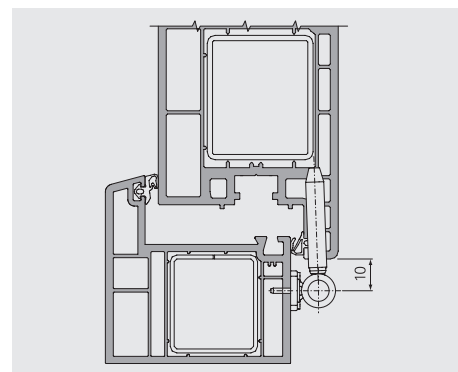
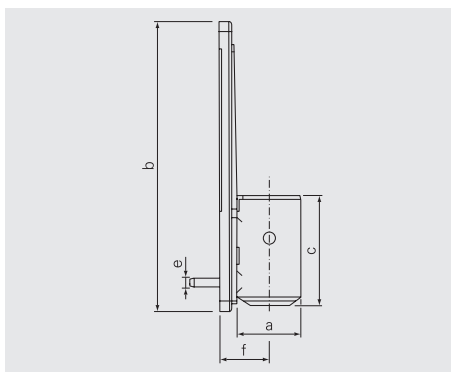
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
16913F003XN	30	Stainless steel	Natural	5	731314
16913F003XXBS			Powder coated White		1272229

Jigs/Accessories

Product		Page	Product		Page
Jigs		231			
Drill bit		233			

169W-13-F05



Application: 169W Ø 13 - 2 part Wasistass hinge for fanlight (frame part)

For turn and tilt PVC-U windows

Load capacity with 2 hinges 30 kg



Technical information

a	b	c	e	f
13.0	60.0	23.0	2.0	10.5

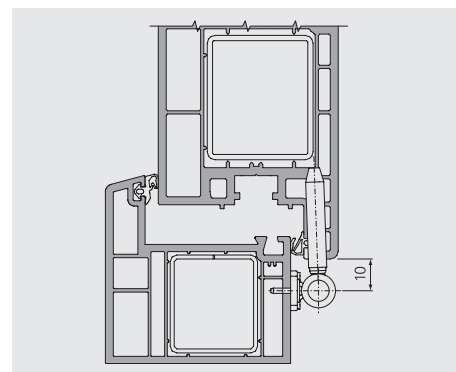
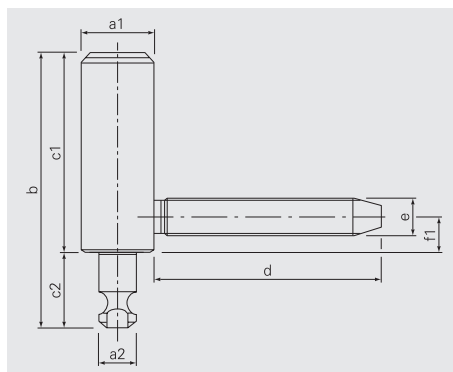
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
169W13HF05BS	100	Steel	Powder coated White	5	1281947

Jigs/Accessories

Product	Page	Product	Page
Jigs	231		
Drill bit	233		

169W-13-M05



Application: 169W Ø 13 - 2 part Wasistass hinge for fanlight (sash part)

For turn and tilt PVC-U windows

Load capacity with 2 hinges 30 kg



Technical information

a1	a2	b	c1	c2	d	e	f1
13.0	6.2	48.5	35.0	13.5	40.0	7.0	6.0

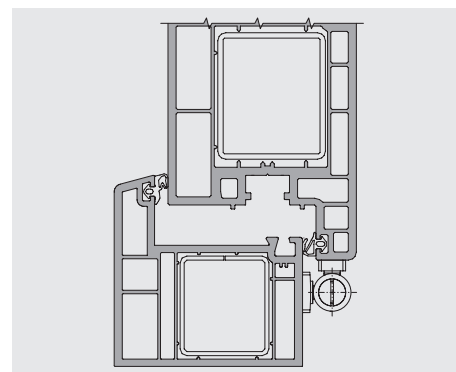
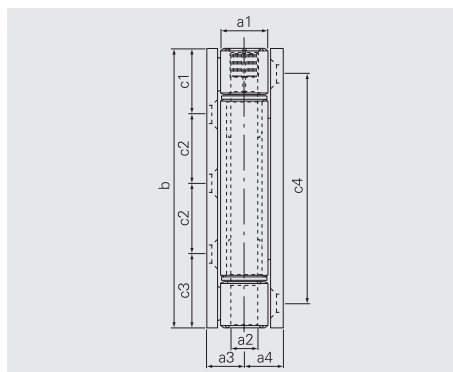
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
169W13HM05BS	100	Steel	Powder coated White	5	1281949

Jigs/Accessories

Product	Page	Product	Page
Jigs	231		
Drill bit	233		

230-14-007



Application: 230 Ø 14 - Hinge with unthread pin and self lubricating bushes

For PVC-U doors and windows

Load capacity with 2 hinges 40 kg



Technical information

a1	a2	a3	a4	b	c1	c2	c3	c4
14.0	8.0	11.0	12.0	83.0	19.2	20.7	22.2	68.0

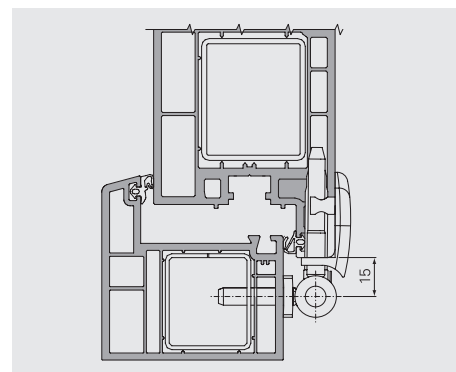
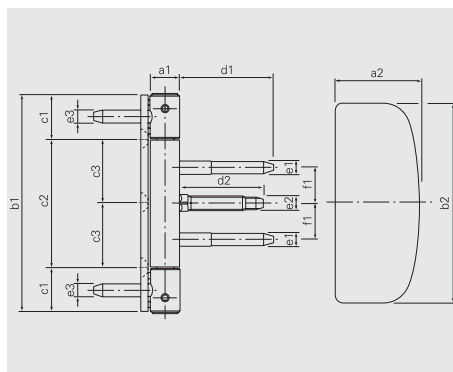
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
23014F007BS	100	Steel	Powder coated White	5	710382
23014F007NM			Black Brown RAL 8022		1272136
23014F007GAM			Powder coated Silver Grey		1693292
23014F007PSM			Brassed	0	711710

Combinations/Jigs/Accessories

Product		Page	Product		Page
Jigs		231			
Drill bit		233			

Dynamic 2D



Application: Dynamic 2D Ø 16 - Adjustable hinge for doors

For PVC-U entrance doors

Load capacity with 2 hinges 100 kg

Adjustable +/-4mm in height and horizontal



Technical information

a1	a2	b1	b2	c1	c2	c3	d1	d2	e1	e2	e3	f1
16.0	40.5	114.0	114.0	23.1	66.0	24.9	50.0	45.0	7.0	8.7	6.7	19.0

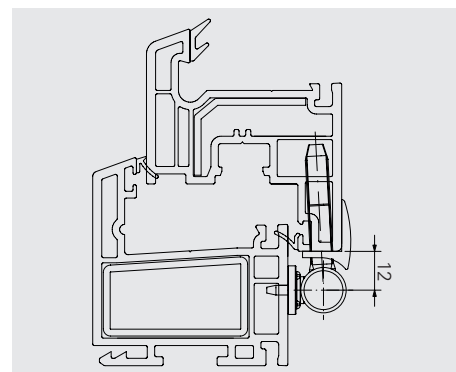
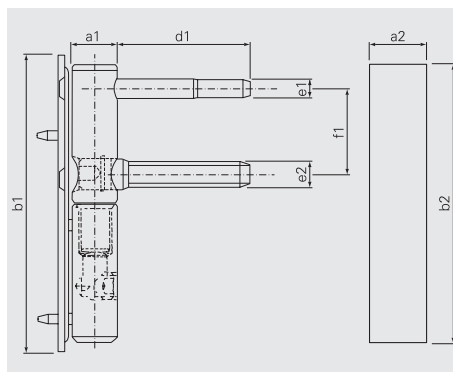
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
D2D16F010BS	24	Steel	Powder coated White	5	1316494
D2D16F010PMT			Clay Brown RAL 8003		1317104
D2D16F010PM			Brown RAL 8017		1317103
D2D16F010LPN			Black RAL 9005 Bright		1317105
D2D16F010GAM			Powder coated Silver Grey		1317108

Jigs/Accessories

Product		Page	Product		Page
Jigs		231			
Drill bit		233			

Estetic 2D Ø 14



Application: Estetic 2D Ø 14 - Adjustable hinge for widows and balcony doors

For PVC-U doors and balcony doors

Load capacity with 2 hinges 60 kg

Adjustable 0/+3mm in height and +/-3mm horizontal



Technical information

a1	a2	b1	b2	d1	e1	e2	f1
14.0	21.5	86.0	86.0	38.0	6.1	7.0	24.0

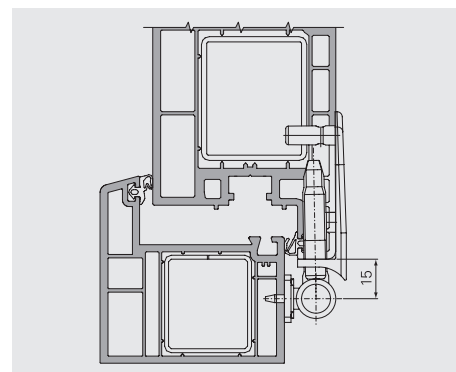
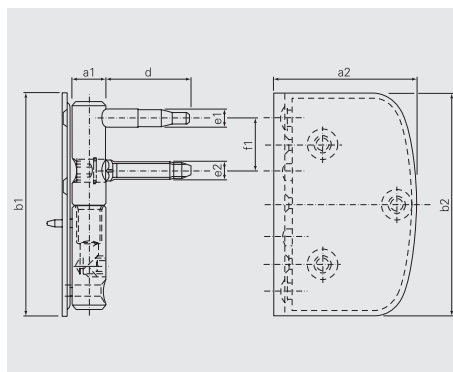
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
169R14H002DZPC-ALU	100	Steel	Light Ivory RAL 1015	5	1069939
169R14H002DZBS-ALU			Powder coated White		1272610
169R14H002DZGC-ALU			Light Grey RAL 7035		1069940
169R14H002DZPMT-ALU			Clay Brown RAL 8003		1069941

Combinations/Jigs/Accessories

Product		Page	Product		Page

Estetic 2D "S" Ø 15



Application: Estetic 2D "S" Ø 15 - Adjustable hinge for doors

For PVC-U doors

Load capacity with 2 hinges 80 kg

Adjustable 0/+3mm in height and +/-3mm horizontal



Technical information

a1	a2	b1	b2	d	e1	e2	e3	f1
15.0	64.0	98.0	98.0	38.0	7.0	8.7	6.7	24.0

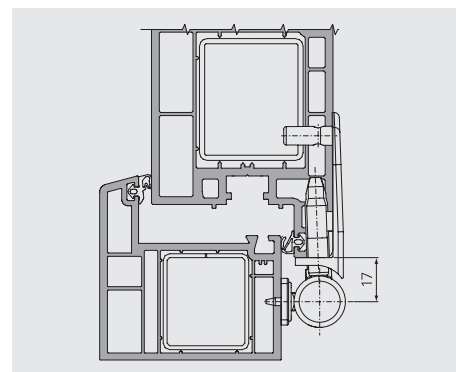
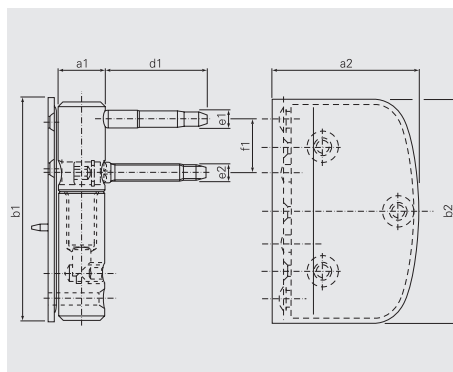
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
169R15F028-37DZPC-ALU	6	Steel	Light Ivory RAL 1015	5	1699544
169R15F028-37DZBS-ALU			Powder coated White		1699546
169R15F028-37DZPMT-ALU			Clay Brown RAL 8003		1699548

Jigs/Accessories

Product		Page	Product		Page

Estetic 2D "S" Ø 20



Application: Estetic 2D "S" Ø 20 - Adjustable hinge for entrance doors

For PVC-U doors

Load capacity with 2 hinges 100 kg

Adjustable 0/+3mm in height and +/-3mm horizontal



Technical information

a1	a2	b1	b2	d	e1	e2	f1
20.0	64.0	98.0	98.0	38.0	7.6	8.7	24.0

Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
169R20F007-37DZBS-ALU	100	Steel	Powder coated White	5	1272598

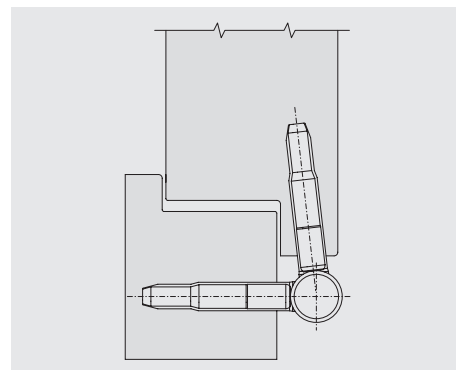
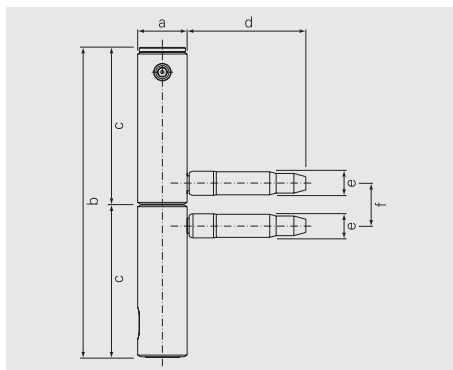
Combinations/Jigs/Accessories

Product	Page	Product	Page



Hinges for rebated/ flush fit doors

ATC Ø 15



Application: ATC Ø 15—Self closing mechanism left and right hand

For timber doors



Technical information

a	b	c	d	e	f
15.0	93.8	47.0	36.0	7.0	13.0

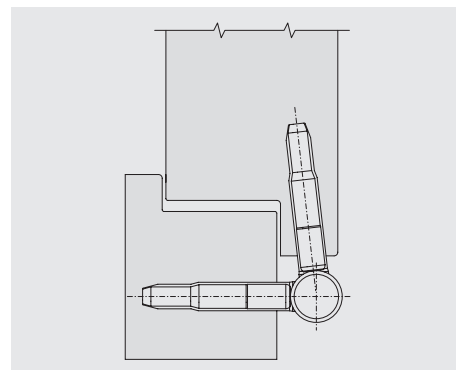
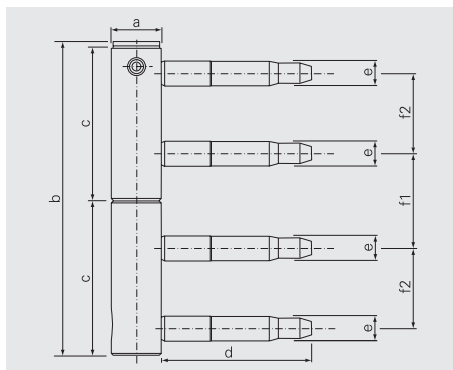
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
ATC15F058SZS - left	10	Steel	Zinc GSS	5	1632528
ATC15F059SZS - right					1632541

Jigs/Accessories

Product	Page	Product	Page
Jigs	232	Caps	196-198-206-210
Drill bit	233		

ATC Ø 15



Application: ATC Ø 15–Self closing mechanism left and right hand

For timber doors



Technical information

a	b	c	d	e	f
15.0	93.8	47.0	45.0	7.45	24.0

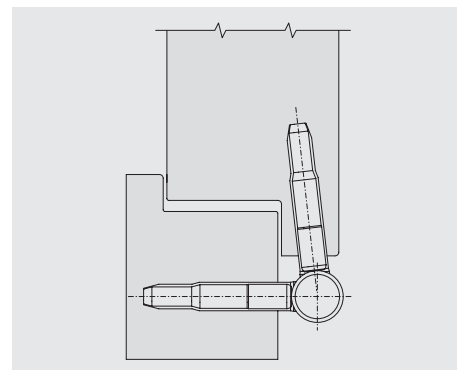
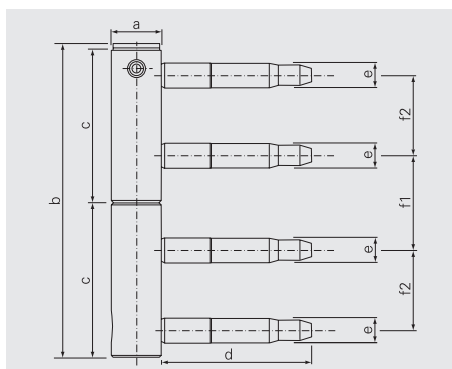
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
ATC15F056SZS - left	10	Steel	Zinc GSS	5	1627705
ATC15F057SZS - right					1627707

Jigs/Accessories

Product	Page	Product	Page
Jigs	232	Caps	196-198-206-210
Drill bit	233		

ATC Ø 15



Application: ATC Ø 15—Self closing mechanism left and right hand

For timber doors



Technical information

a	b	c	d	e	f1	f2
15.0	93.8	46.0	60.0	7.45	28.0	24.0

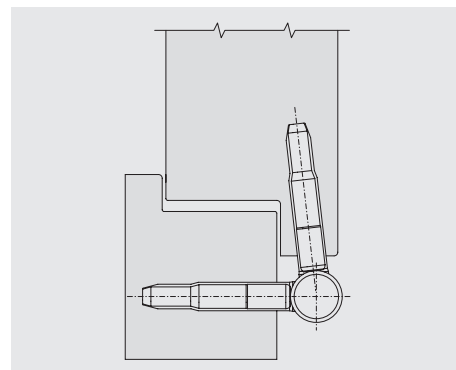
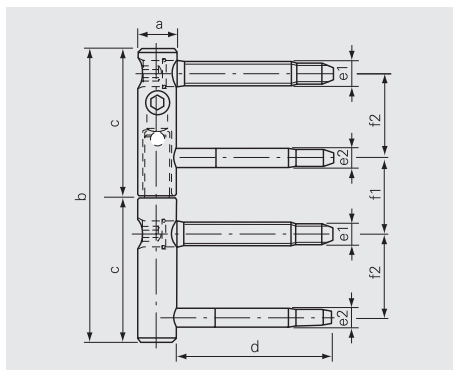
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
ATC15F054SZS - left	10	Steel	Zinc GSS	5	1627055
ATC15F055SZS - right					1627055

Jigs/Accessories

Product	Page	Product	Page
Jigs	232	Caps	196-198-206-210
Drill bit	233		

11R Ø 15



Application: 11R Ø 15–Adjustable hinge for self closing system

For timber doors

Load capacity with 2 hinges 100 kg

Adjustable 0/+3mm in height, +/-3,0mm horizontal and gasket pressure



Technical information

a	b	c	d	e1	e2	f1	f2
15.0	92.0	46.0	60.0	8.7	7.6	28.0	24.0

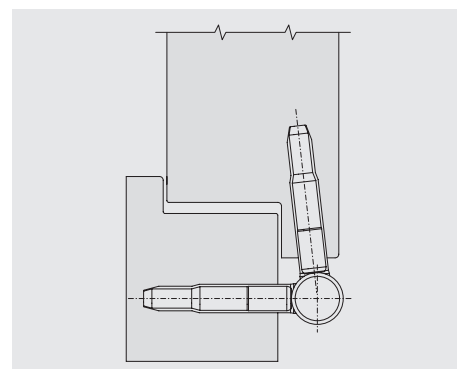
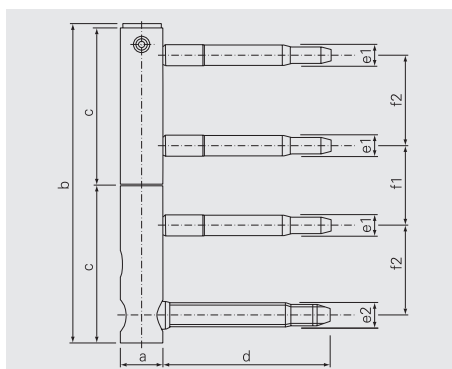
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
11R15F023SZS	10	Steel	Zinc GSS	5	768694

Jigs/Accessories

Product	Page	Product	Page
Jigs	232	Caps	195-197-205-209
Drill bit	233		

ATC Ø 15



Application: ATC Ø 15—Self closing mechanism left and right hand

For timber doors



Technical information

a	b	c	d	e1	e2	f1	f2
15.0	112.0	56.0	60.0	7.45	8.7	29.0	32.0

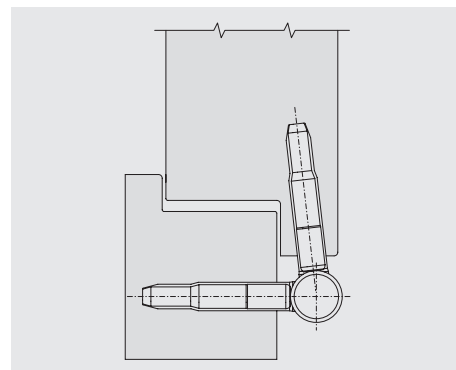
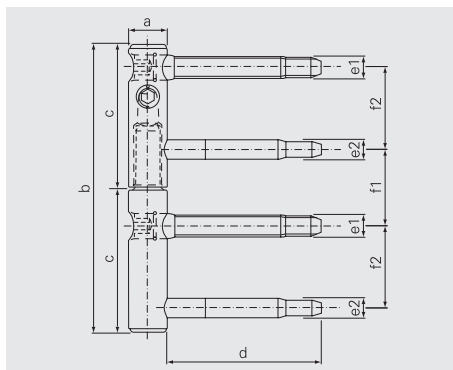
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
ATC15F050SZS - left	10	Steel	Zinc GSS	5	1618841
ATC15F051SZS - right					1618848

Jigs/Accessories

Product	Page	Product	Page
Jigs	232	Caps	196-198-206-210
Drill bit	233		

11R Ø 15



Application: 11R Ø 15–Adjustable hinge for self closing system

For timber doors

Load capacity with 2 hinges 80 kg

Adjustable 0/+3mm in height, +/-3,0mm horizontal and gasket pressure



Technical information

a	b	c	d	e1	e2	f1	f2
15.0	112.0	56.0	60.0	8.7	7.45	29.0	32.0

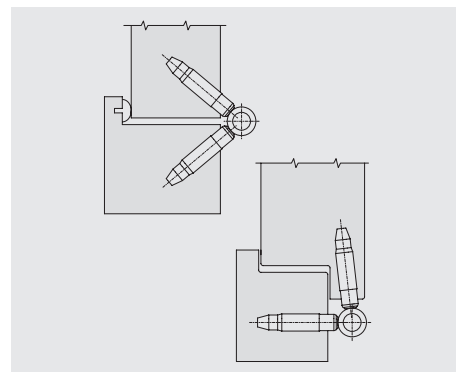
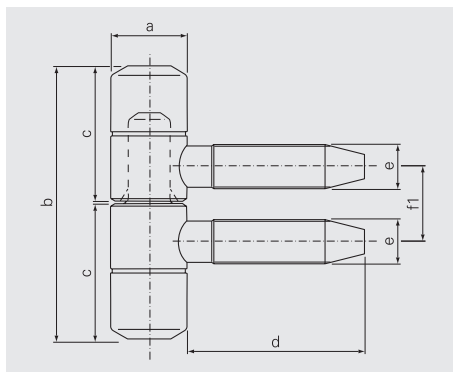
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
11R15S003SZS	12	Steel	Zinc GSS	5	706703

Jigs/Accessories

Product	Page	Product	Page
Jigs	232	Caps	196-198-206-210
Drill bit	233		

20 Ø 09



Application: 20 Ø 09-2 part hinge

For furniture

Load capacity with 2 hinges 6 kg



Technical information

a	b	c	d	e	f1
9.0	37.0	18.5	23.0	5.6	9.9

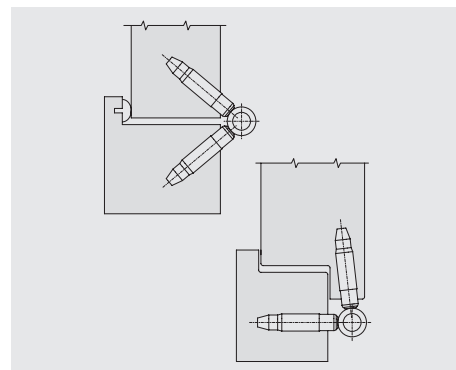
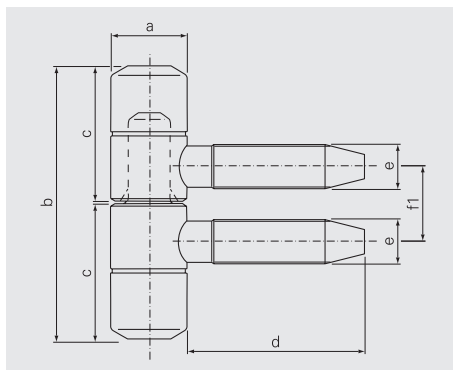
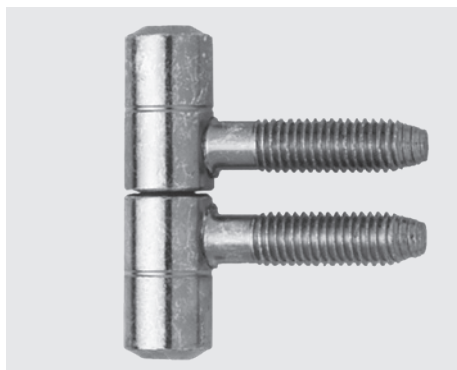
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
2009E000SK	150	Steel	Bronzed	0	21688
2009E000SM			Brassed		21689

Jigs/Accessories

Product	Page	Product	Page
Jigs	232		
Drill bit	233		

20 Ø 11



Application: 20 Ø 11-2 part hinge

For furniture

Load capacity with 2 hinges 8 kg



Technical information

a	b	c	d	e	f1
11.0	40.0	20.0	26.0	6.6	10.9

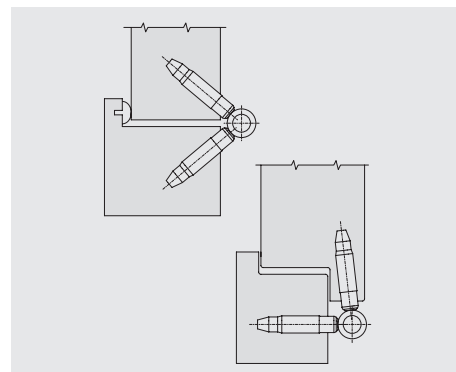
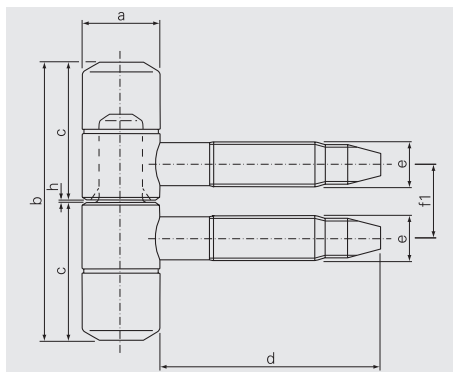
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
2009E000SK	100	Steel	Bronzed	0	21708
2009E000SC			Chrome		21706
2011E000RS			Matt Chrome		956969
2011E000SM			Brassed		21710

Jigs/Accessories

Product		Page	Product		Page
Jigs		232			
Drill bit		233			

20 Ø 13



Application: 20 Ø 13-2 part hinge

For timber doors and windows

Load capacity with 2 hinges 40 kg



Technical information

a	b	c	d	e	f1	h	
13.0	45.4	22.5	36.0	7.7	12.6	0,4	

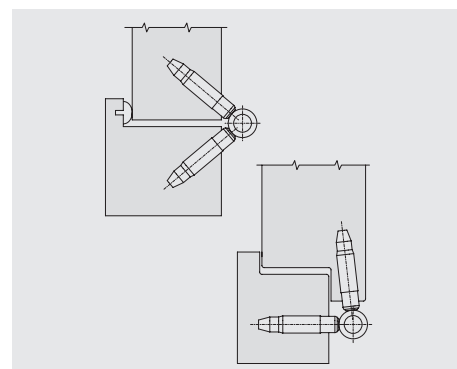
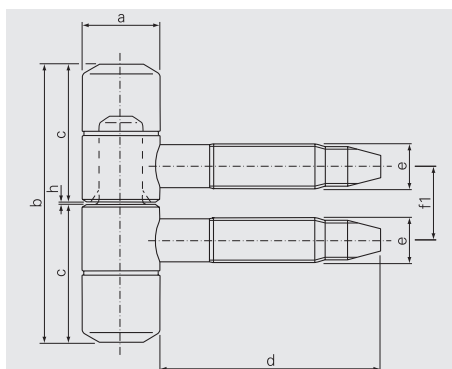
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
2013A000SK	150	Steel	Bronzed	0	2273
2013A000SC			Chrome		21734
2013A000RS			Brushed Matt Chrome		1247252
2013A000SN			Nickel		21735
2013A000SM			Brassed		21488
2013F000MPN			Black RAL 9005 Matt	3	20195
2013A000SZ			Zinc		9073

Jigs/Accessories

Product		Page	Product		Page
Jigs		232	Caps		189-202
Drill bit		233			

20 Ø 14



Application: 20 Ø 14-2 part hinge

For timber doors and windows

Load capacity with 2 hinges 45 kg



Technical information

a	b	c	d	e	f1	h	
14.0	50.4	25.0	40.0	8.2	13.6	0,4	

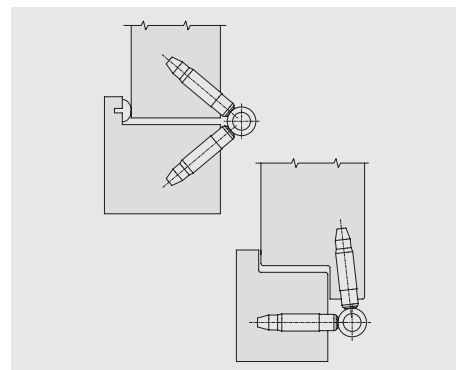
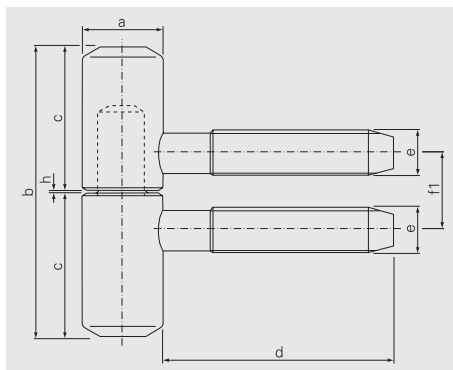
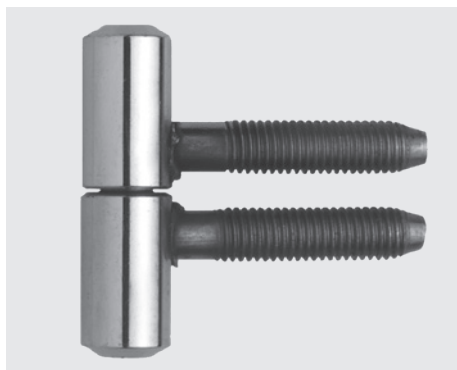
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
2014A000SK	100	Steel	Bronzed	0	2279
2014A000SC			Chrome		9121
2014A000RS			Brushed Matt Chrome		21804
2014A000SN			Nickel		21786
2014F000PA			White RAL 9010	5	472343
2014F000MPN			Black RAL 9005 Matt		20193
2014A000SZ			Zinc	3	9125

Jigs/Accessories

Product		Page	Product		Page
Jigs		232	Caps		190-203
Drill bit		233			

20 Ø 14



Application: 20 Ø 14-2 part hinge with self lubricating pin

For timber doors and windows

Load capacity with 2 hinges 45 kg



Technical information

a	b	c	d	e	f1	h
14.0	50.4	25.0	40.0	8.2	13.6	0,4

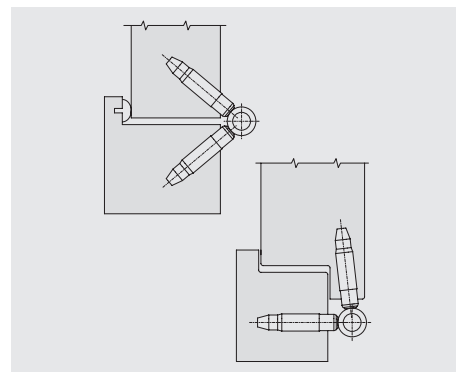
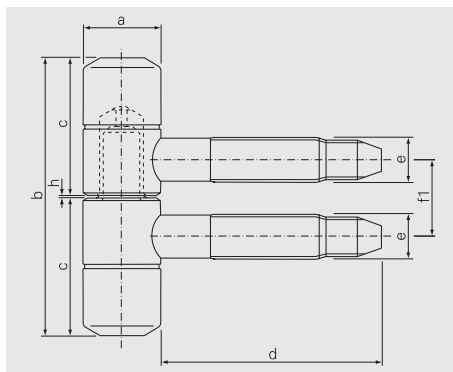
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
2014F005XL	50	Stainless steel	Bright Stainless Steel	5	1272644
2014F005XS			Brushed Stainless Steel		1110730

Jigs/Accessories

Product		Page	Product		Page
Jigs		232			
Drill bit		233			

20 Ø 14



Application: 20 Ø 14–2 part hinge with self lubricating pin

For timber doors and windows

Load capacity with 2 hinges 45 kg



Technical information

a	b	c	d	e	f1	h	
14.0	51.0	25.0	40.0	8.2	13.6	1,0	

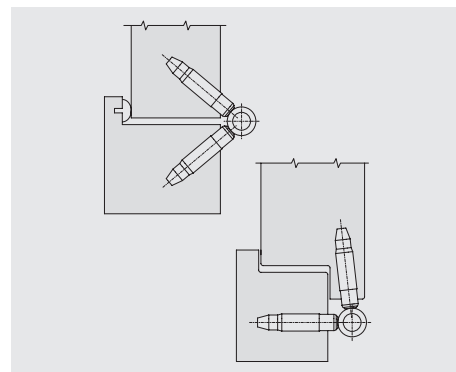
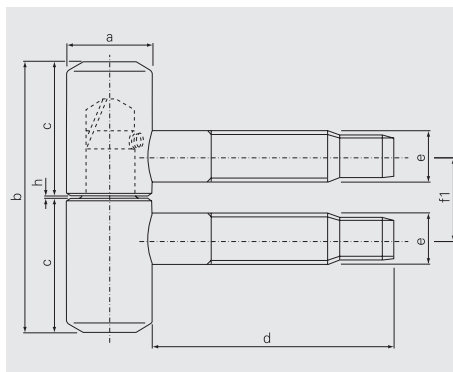
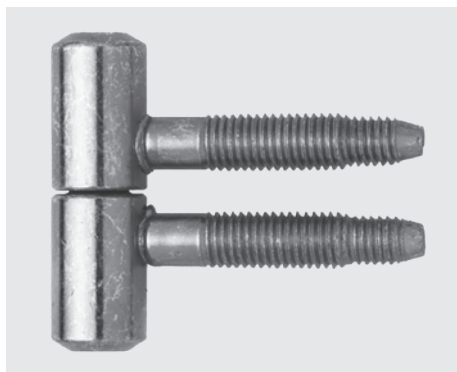
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
2014A032SZ	200	Steel	Zinc	0	745433
2014A032ZG			Yellow Zinc Cr3	3	1568733
2014A032RS			Brushed Matt Chrome		518167

Jigs/Accessories

Product		Page	Product		Page
Jigs		232	Caps		190-203
Drill bit		233			

25W Ø 14



Application: 25W Ø 14–2 part Wasistass hinge for fanlight

For timber doors and windows

Load capacity with 2 hinges 45 kg

Anti-slip - Friction



Technical information

a	b	c	d	e	f1	h
14.0	45.4	22.5	40.0	8.2	13.6	0,4

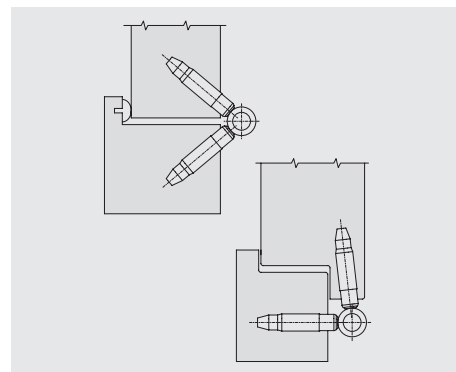
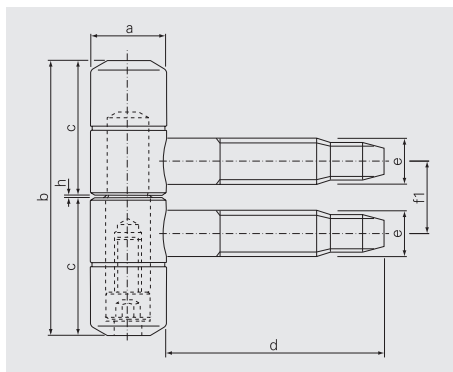
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
25W14E000SK	50	Steel	Bronzed	0	21974
25W14E000SZ			Zinc	3	720473

Jigs/Accessories

Product		Page	Product		Page
Jigs		232			
Drill bit		233			

20R Ø 14



Application: 20R Ø 14–2 part adjustable hinge

For timber doors and windows

Load capacity with 2 hinges 45 kg

Adjustable in height up to 3mm



Technical information

a	b	c	d	e	f1	h
14.0	50.3	25.0	40.0	8.2	13.6	0,3

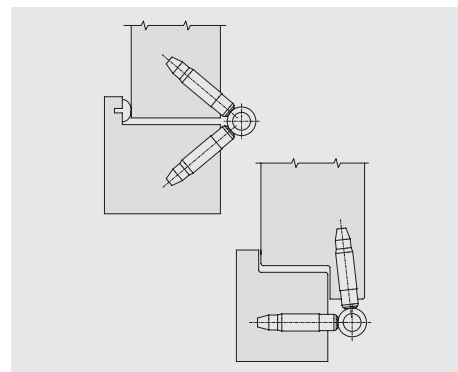
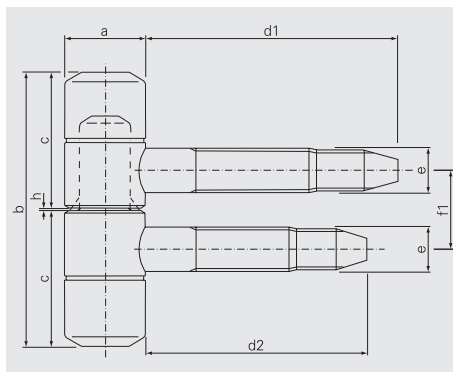
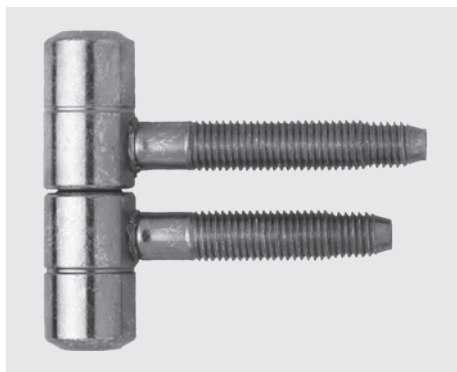
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
20R14A000SZ	200	steel	Zinc	3	748498

Jigs/Accessories

Product	Page	Product	Page
Jigs	232	Caps	190-203
Drill bit	233		

20 Ø 16



Application: 20 Ø 16-2 part hinge

For timber doors and windows

Load capacity with 2 hinges 60 kg



Technical information

a	b	c	d1	d2	e	f1	h
16.0	54.4	27.0	50.0	44.0	8.7	15.6	0.4

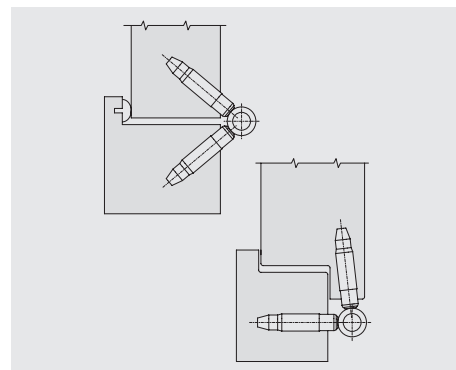
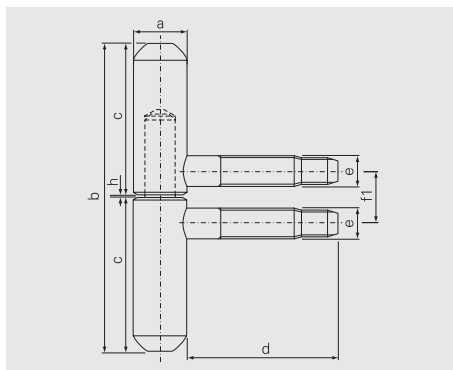
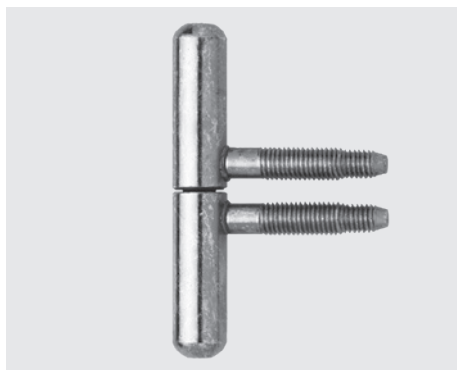
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
2016A000SK	100	Steel	Bronzed	0	20753
2016A000SC			Chrome		9485
2016A000SM			Brassed		20754
2016A000SZ			Zinc	3	9487
2016F000MPN	50		Black RAL 9005 Matt	5	20191
2016E000RS			Brushed Matt Chrome	0	929720

Jigs/Accessories

Product	Page	Product	Page
Jigs	232	Caps	
Drill bit	233		

10L Ø 14



Application: 10L Ø 14–2 part hinge

For timber doors and windows

Load capacity with 2 hinges 45 kg



Technical information

a	b	c	d	e	f1	h
14.0	82.4	41.0	40.0	8.2	13.6	0.4

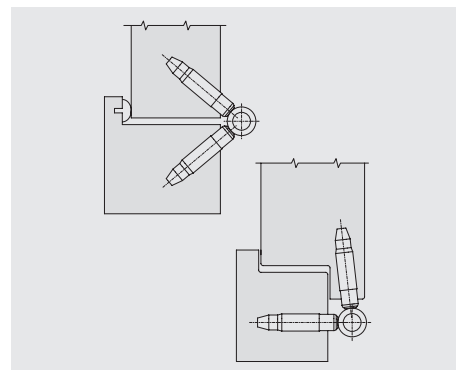
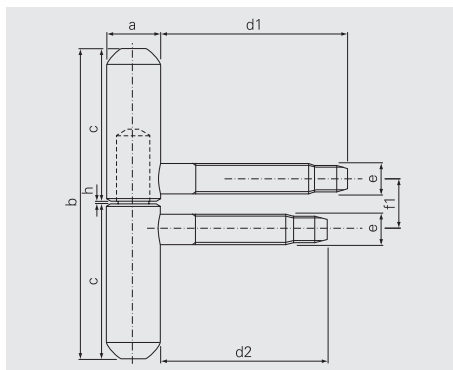
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
10L14E006SK	50	Steel	Bronzed	0	20613
10L14E006RS			Brushed Matt Chrome		628550
10L14E006SM			Brassed		20614
10L14F006PA			White RAL 9010	5	429726
10L14F006MPN			Black RAL 9005 Matt		806246
10L14E006SZ			Zinc	3	709899

Jigs/Accessories

Product		Page	Product		Page
Jigs		232			
Drill bit		233			

10L Ø 16



Application: 10L Ø 16-2 part hinge

For timber doors and windows

Load capacity with 2 hinges 60 kg



Technical information

a	b	c	d1	d2	e	f1	h
16.0	92.4	46.0	50.0	44.0	8.7	15.6	0.4

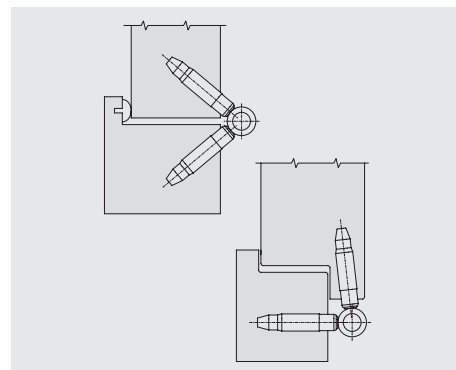
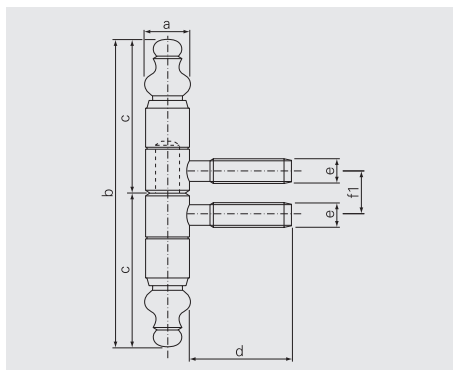
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
10L16E004SK	50	Steel	Bronzed	0	496375

Jigs/Accessories

Product	Page	Product	Page
Jigs	232		
Drill bit	233		

50B Ø 09



Application: 50B Ø 09–2 part Baroque hinge

For furniture

Load capacity with 2 hinges 6 kg



Technical information

a	b	c	d	e	f1
9.0	66.0	33.0	23.0	5.6	9.9

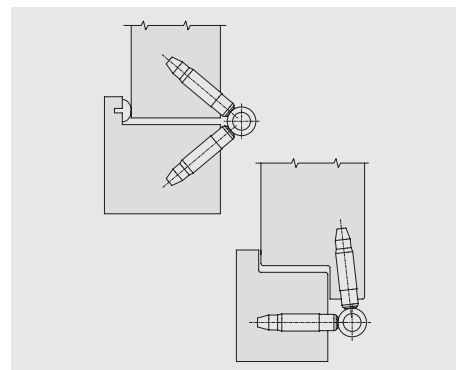
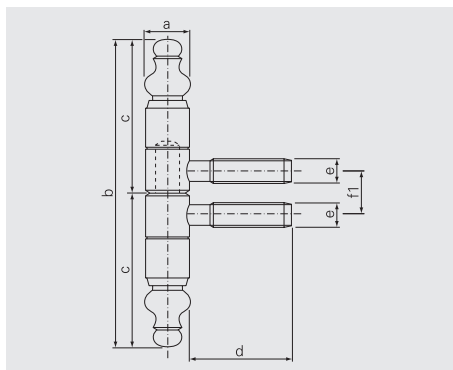
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
50B09E000SM	100	Steel	Brassed	0	22300
50B09E000SK			Bronzed		22299

Jigs/Accessories

Product		Page	Product		Page
Jigs		232			
Drill bit		233			

50B Ø 11



Application: 50B Ø 11-2 part Baroque hinge

For furniture

Load capacity with 2 hinges 8 kg



Technical information

a	b	c	d	e	f1
11.0	80.0	40.0	26.0	6.6	10.9

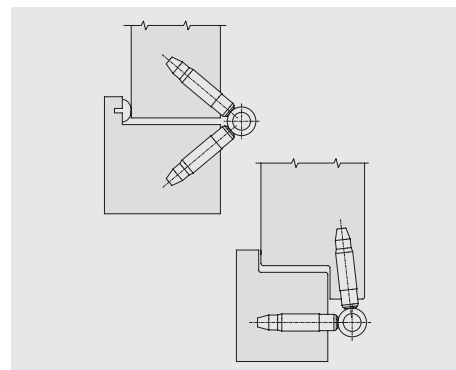
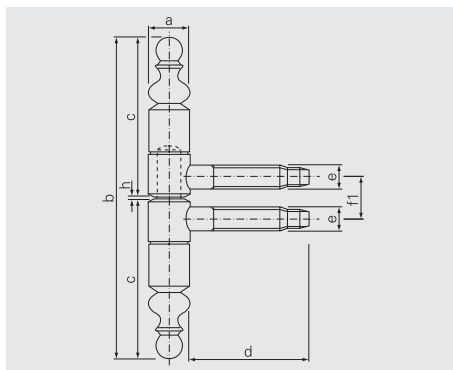
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
50B11E000SK	100	Steel	Bronzed	0	22315
50B11E000SM			Brassed		21555

Jigs/Accessories

Product		Page	Product		Page
Jigs		232			
Drill bit		233			

50B Ø 13



Application: 50B Ø 13–2 part Baroque hinge

For timber doors and windows

Load capacity with 2 hinges 40 kg



Technical information

a	b	c	d	e	f1	h
13.0	88.4	44.0	36.0	7.7	12.6	0,4

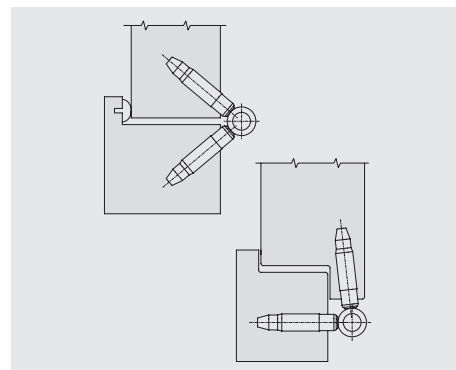
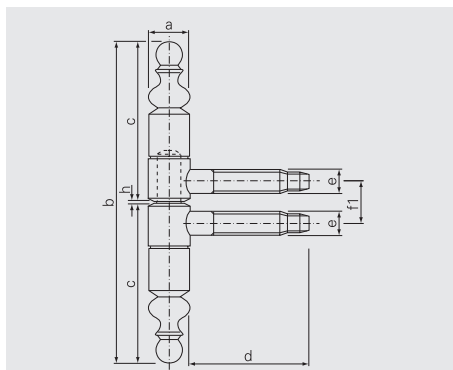
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
50B13A000SK	100	Steel	Bronzed	0	21559
50B13A000SM			Bronzed		9973

Jigs/Accessories

Product		Page	Product		Page
Jigs		232			
Drill bit		233			

50B Ø 14



Application: 50B Ø 14–2 part Baroque hinge

For timber doors and windows

Load capacity with 2 hinges 45 kg



Technical information

a	b	c	d	e	f1	h	
14.0	94.4	47.0	40.0	8.2	13.6	0.4	

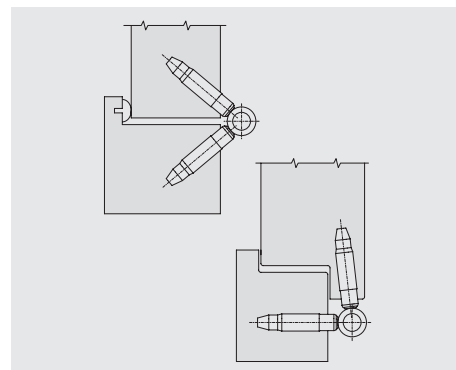
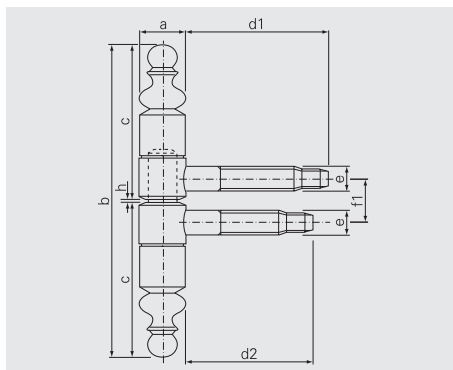
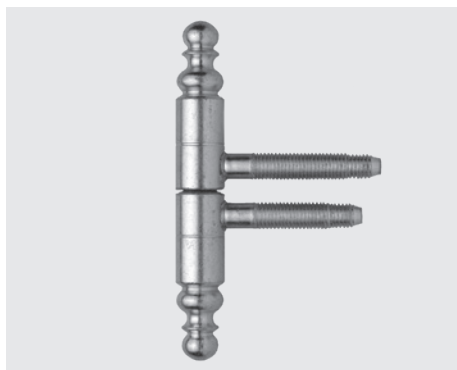
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
50B14A000SK	100	Steel	Bronzed	0	1271977
50B14A000SM			Brassed		2247
50B14F000MR	30		Old Hammered	3	22332

Jigs/Accessories

Product		Page	Product		Page
Jigs		232			
Drill bit		233			

50B Ø 16



Application: 50B Ø 16–2 part Baroque hinge

For timber doors and windows

Load capacity with 2 hinges 60 kg



Technical information

a	b	c	d1	d2	e	f1	h
16.0	108.4	54.0	50.0	44.0	8.7	15.6	0.4

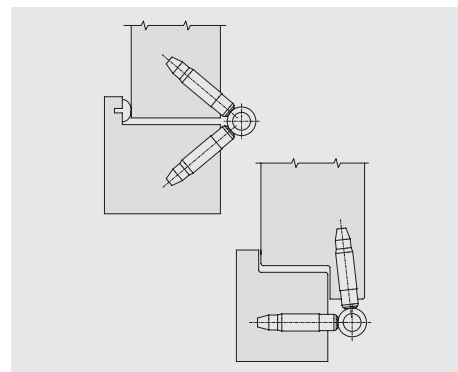
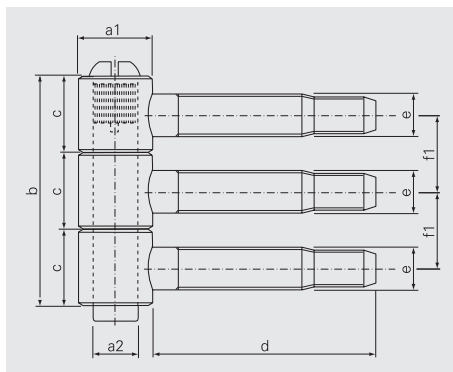
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
50B16E000SK	50	Steel	Bronzed	0	22339
50B16E000SM			Brassed		22340
50B16F000MR			Old Hammered	3	22344

Jigs/Accessories

Product	Page	Product	Page
Jigs	232		
Drill bit	233		

40H Ø 14



Application: 40H Ø 14–3 part hinge

For timber doors and windows

Load capacity with 2 hinges 25 kg



Technical information

a1	a2	b	c	d	e	f1
14.0	8.0	41.1	13.7	40.0	8.2	13.7

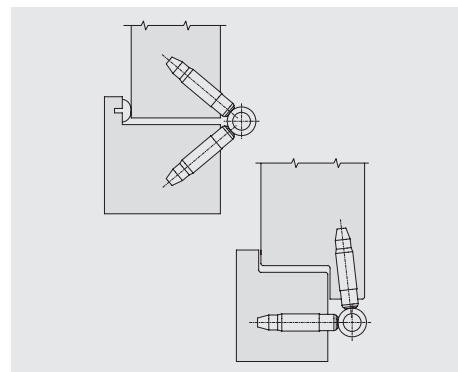
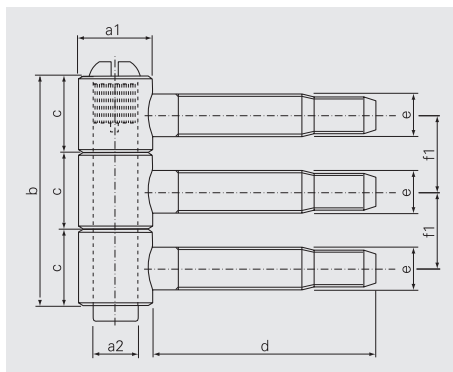
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
40H14E000SK	100	Steel	Bronzed	0	1271986
40H14E000SM			Brassed		22151
40H14E000SZ			Zinc	3	22152

Jigs/Accessories

Product	Page	Product	Page
Jigs	232		
Drill bit	233		

40H Ø 16



Application: 40H Ø 16–3 part hinge

For timber doors and windows

Load capacity with 2 hinges 30 kg



Technical information

a1	a2	b	c	d	e	f1
16.0	8.0	46.5	15.5	50.0	8.7	15.5

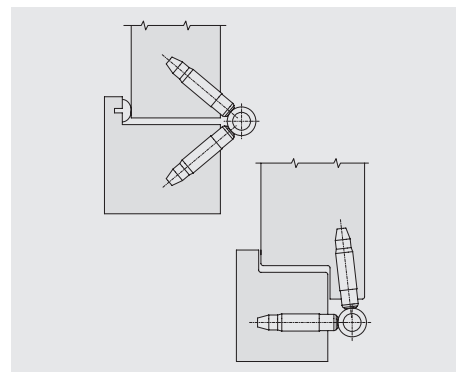
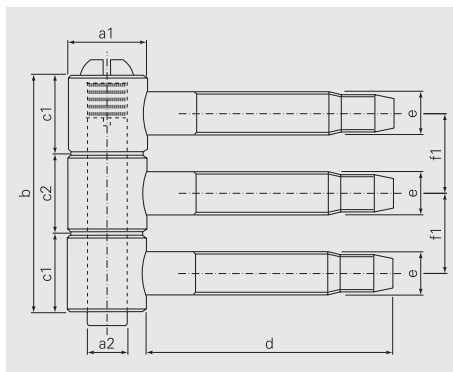
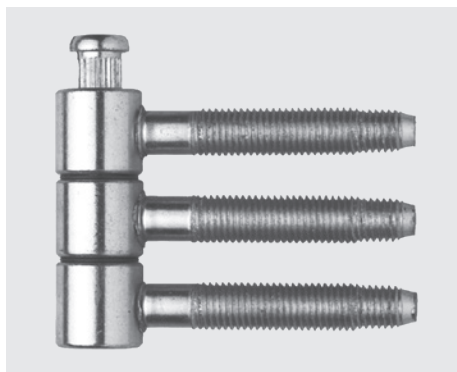
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
40H16E000ZG	50	Steel	Zinc	3	1570878

Jigs/Accessories

Product	Page	Product	Page
Jigs	232		
Drill bit	233		

40H Ø 16



Application: 40H Ø 16–3 part hinge with self lubricating bushes

For timber doors and windows

Load capacity with 2 hinges 60 kg



Technical information

a1	a2	b	c1	c2	d	e	f1
16.0	8.0	46.7	15.5	15.7	50.0	8.7	15.6

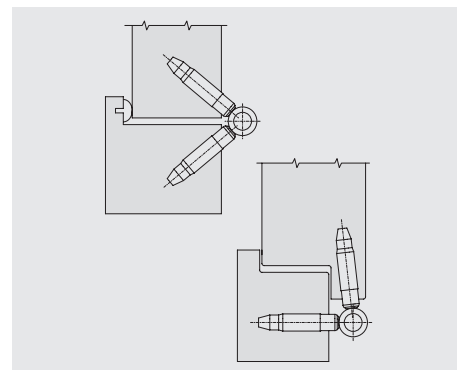
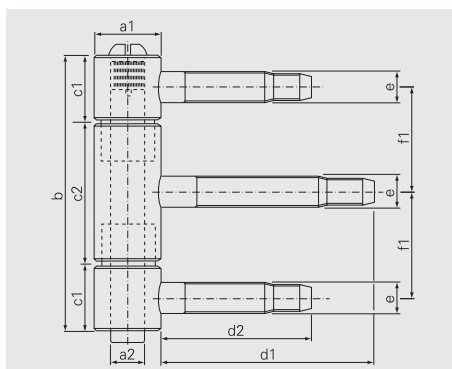
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
40H16S021XS	50	Stainless steel	Brushed Stainless Steel	5	1134958
40H16E021SK			Bronzed	0	627715
40H16S021SN		Steel	Nickel		895323
40H16S021OA			Old Bronzed		1134956
40H16S021SM			Brassed		895322
40H16S021SZ			Zinc	3	711379
40H16E021SCO			Sandblasted Matt Chrome	2	983958

Jigs/Accessories

Product		Page	Product		Page
Jigs		232			
Drill bit		233			

40H Ø 18



Application: 40H Ø 18–3 part hinge with self lubricating bushes

For timber doors and windows

Load capacity with 2 hinges 80 kg



Technical information

a1	a2	b	c1	c2	d1	d2	e	f1
18.0	9.0	61.0	15.0	31.0	60.0	44.0	9.6	23.0

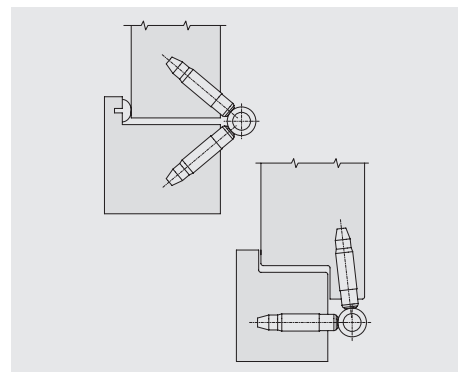
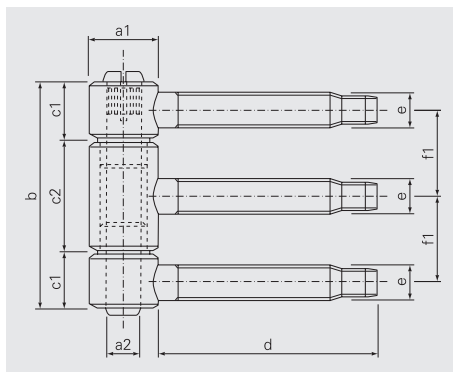
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
40H18F000SK	12	Steel	Bronzed	0	22190
40H18F000SCO			Sandblasted Matt Chrome	2	990766

Jigs/Accessories

Product		Page	Product		Page
Jigs		232			
Drill bit		233			

40H Ø 18



Application: 40H Ø 18–3 part hinge with self lubricating bushes

For timber doors and windows

Load capacity with 2 hinges 80 kg



Technical information

a1	a2	b	c1	c2	d	e	f1
18.0	9.0	61.0	15.0	31.0	60.0	9.6	23.0

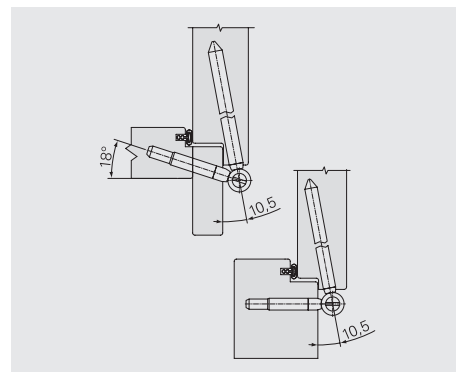
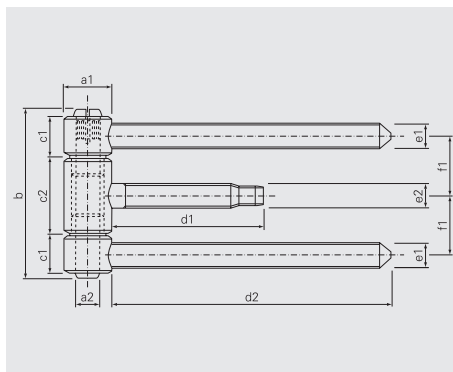
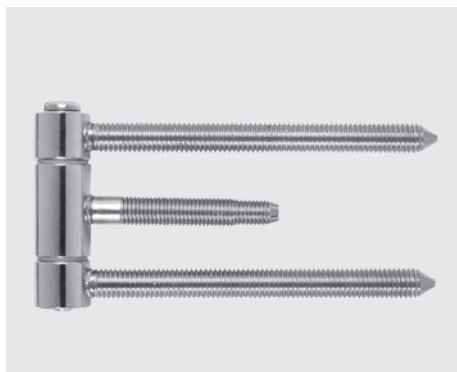
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
40H18S006XS	25	Stainless steel	Brushed Stainless Steel	5	1136095
40H18S006SN			Nickel	0	725765
40H18S006OA		Steel	Old Bronzed		1136096
40H18S006SM			Brassed		1035071
40H18S006DZ			Zinc 9µ	3	1136092

Jigs/Accessories

Product		Page	Product		Page
Jigs		232			
Drill bit		233			

40H Ø 18



Application: 40H Ø 18-009-3 part hinge with self lubricating bushes

For timber doors and windows

Load capacity with 2 hinges 80 kg



Technical information

a1	a2	b	c1	c2	d1	d2	e1	e2	f1
18.0	9.0	61.0	15.0	31.0	60.0	110.0	10.0	9.6	23.0

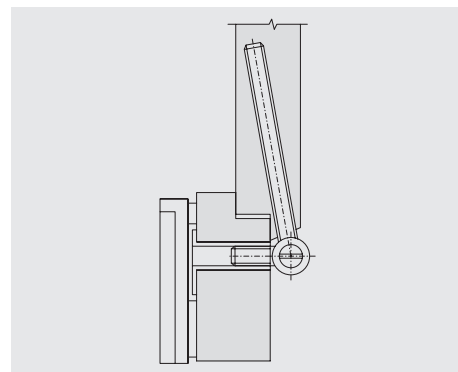
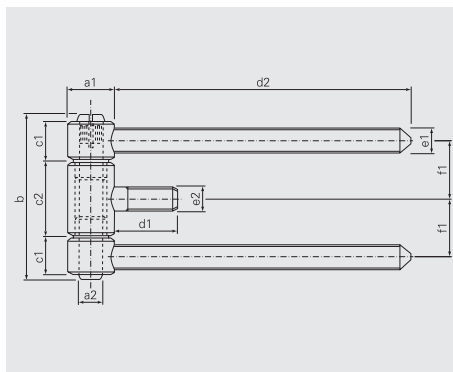
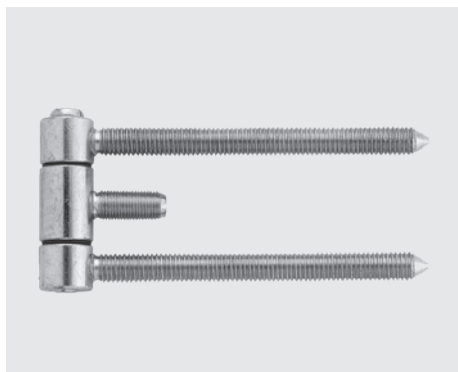
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
40H18E009SN	25	Acciaio	Nickel	0	1134742
40H18E009OA			Old Bronzed		1134744
40H18E009SM			Brassed		1134743
40H18E009DZ			Zinc 9µ	3	1134737

Jigs/Accessories

Product	Page	Product	Page
Jigs	232		
Drill bit	233		

40H Ø 18



Application: 40H Ø 18-008-3 part hinge with self lubricating bushes

For anti-fire doors with steel frames

Load capacity with 2 hinges 80 kg



Technical information

a1	a2	b	c1	c2	d1	d2	e1	e2	f
18.0	9.0	61.0	15.0	31.0	24.0	110.0	10.0	10.0	23.0

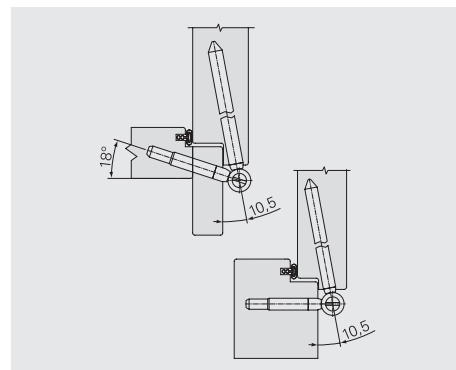
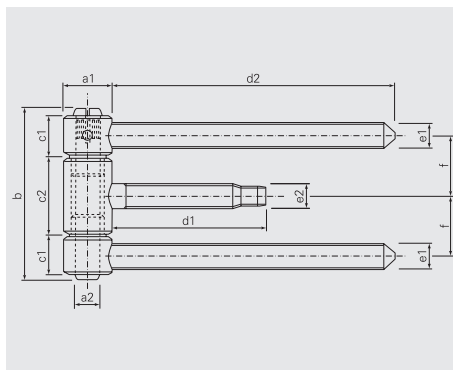
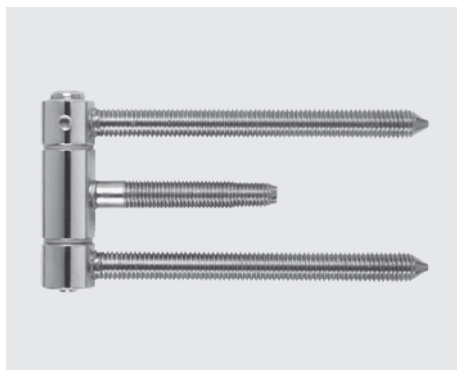
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
40H18E008SN	25	Acciaio	Nickel	0	742622
40H18E008DZ			Zinc 9µ	3	1136073

Jigs/Accessories

Product	Page	Product	Page
Jigs	232		
Drill bit	233		

40H Ø 18



Application: 40H Ø 18-065-3 part hinge with self lubricating bushes and security screws

For anti-fire doors with timber frames

Load capacity with 2 hinges 80 kg



Technical information

a1	a2	b	c1	c2	d1	d2	e1	e2	f
18.0	9.0	61.0	15.0	31.0	60.0	110.0	10.0	9.6	23.0

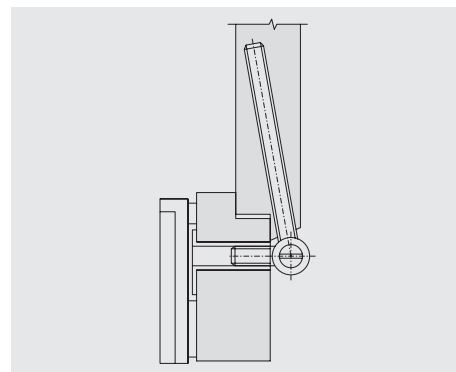
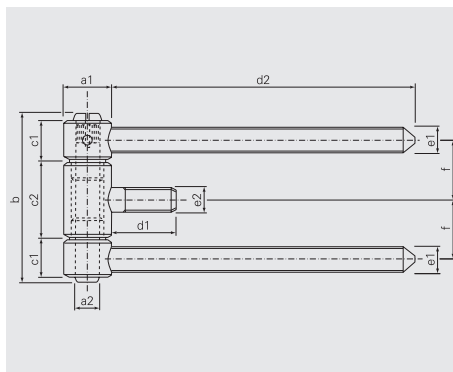
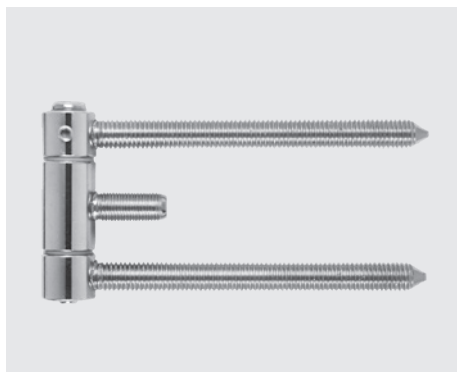
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
40H18E065SN	25	Steel	Nickel	0	1134963

Jigs/Accessories

Product	Page	Product	Page
Jigs	232		
Drill bit	233		

40H Ø 18



Application: 40H Ø 18-064-3 part hinge with self lubricating bushes and security screws

For anti-fire doors with steel frames

Load capacity with 2 hinges 80 kg



Technical information

a1	a2	b	c1	c2	d1	d2	e1	e2	f
18.0	9.0	61.0	15.0	31.0	24.0	110.0	10.0	10.0	23.0

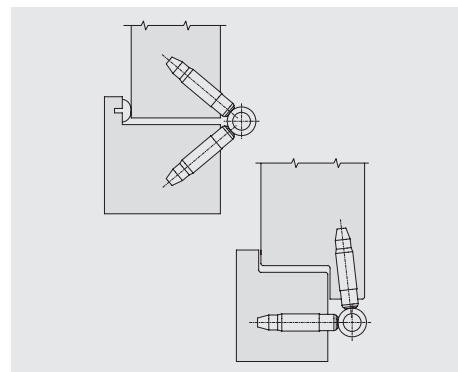
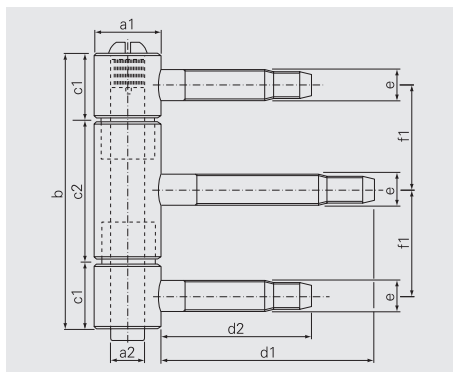
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
40H18E064SN	25	Steel	Nickel	0	1135612

Jigs/Accessories

Product	Page	Product	Page
Jigs	232		
Drill bit	233		

40H Ø 20



Application: 40H Ø 20–3 part hinge with self lubricating bushes

For timber doors

Load capacity with 2 hinges 100 kg



Technical information

a1	a2	b	c1	c2	d1	d2	e	f1
20.0	10.0	86.0	20.0	46.0	65.0	46.0	9.8	33.0

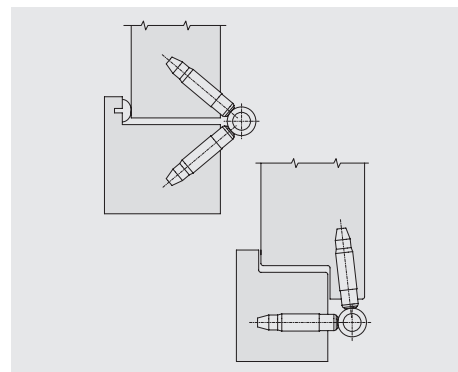
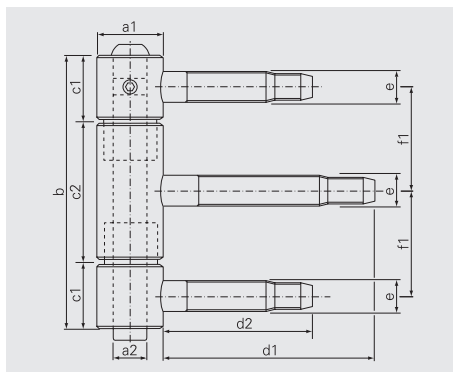
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
40H20F000SK	12	Steel	Bronzed	0	22446
40H20F000SC			Chrome		22203
40H20F000SN			Nickel		22205
40H20F000SM			Brassed		22204
40H20F000SZ			Zinc	3	22206
40H20F000SCO			Sandblasted Matt Chrome	2	990809

Jigs/Accessories

Product		Page	Product		Page
Jigs		232			
Drill bit		233			

40H Ø 20



Application: 40H Ø 20–3 part hinge with self lubricating bushes and security screws

For timber doors

Load capacity with 2 hinges 100 kg



Technical information

a1	a2	b	c1	c2	d1	d2	e	f1
20.0	10.0	86.0	20.0	46.0	65.0	46.0	9.8	33.0

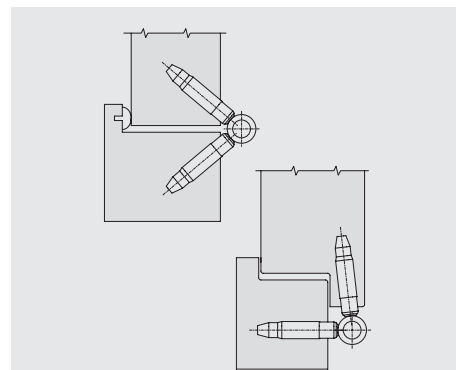
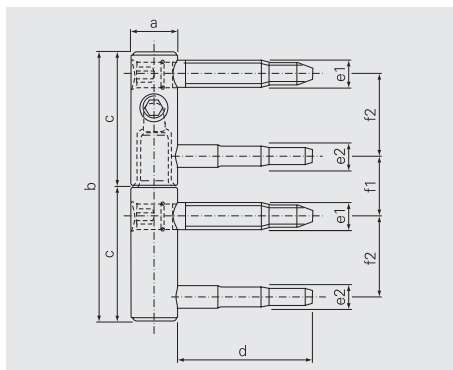
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
40H20S004SK	12	Steel	Bronzed	0	628999
40H20S004SN			Nickel		22214
40H20S004SM			Brassed		20313
40H20S004SZ			Zinc	3	712421
40H20F004DZ			Zinc 9µ		1138838
40H20F004XS		Stainless steel	Brushed Stainless Steel	5	1135988

Jigs/Accessories

Product	Page	Product	Page
Jigs	232		
Drill bit	233		

11R Ø 14



Application: 11R Ø 14-Adjustable hinge

For timber doors and windows

Load capacity with 2 hinges 80 kg

Adjustable 0/+3 mm in height, +/-3 mm horizontal and gasket pressure



Technical information

a	b	c	d	e1	e2	f1	f2
14.0	80.0	40.0	40.0	7.7	6.6	18.0	24.0

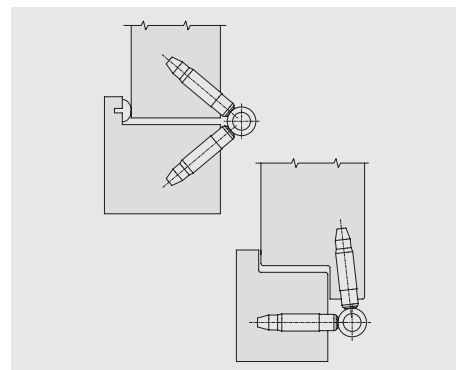
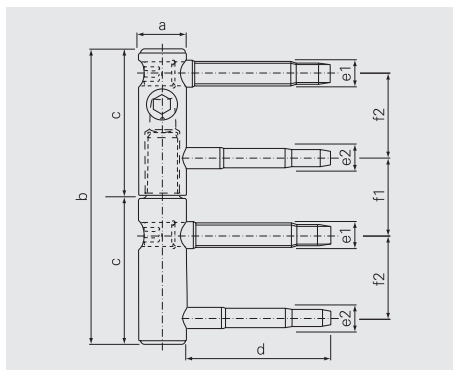
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
11R14S000SZS	12	Steel	Zinc GSS	5	710893

Jigs/Accessories

Product	Page	Product	Page
Jigs	232	Caps	191-192-204-208
Drill bit	233		

11R Ø 15



Application: 11R Ø 15-Adjustable hinge

For timber doors and windows

Load capacity with 2 hinges 80 kg

Adjustable 0/+3 mm in height, +/-3 mm horizontal and gasket pressure



Technical information

a	b	c	d	e1	e2	f1	f2
15.0	92.0	46.0	45.0	8.7	7.6	28.0	24.0

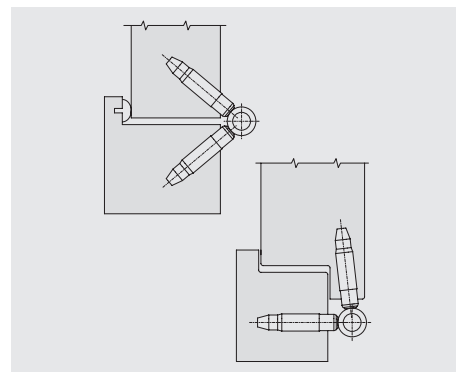
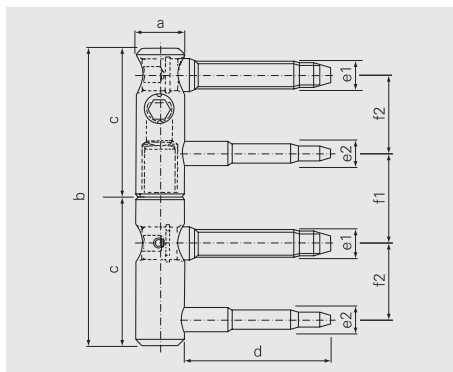
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
11R15S000SZS	10	Steel	Zinc GSS	5	702012

Jigs/Accessories

Product	Page	Product	Page
Jigs	232	Caps	195-197-205-209
Drill bit	233		

11R Ø 15



Application: 11R Ø 15-010-Adjustable hinge with security screws

For timber doors and windows

Load capacity with 2 hinges 80 kg

Adjustable 0/+3 mm in height, +/-3 mm horizontal and gasket pressure



Technical information

a	b	c	d	e1	e2	f1	f2
15.0	92.0	46.0	45.0	8.7	7.6	28.0	24.0

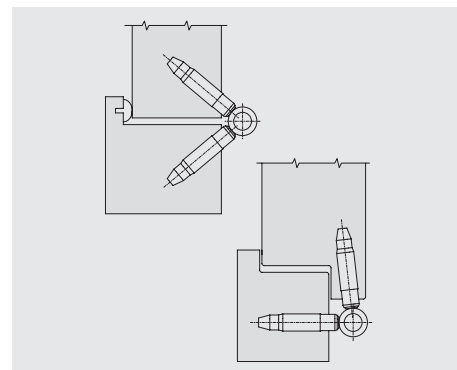
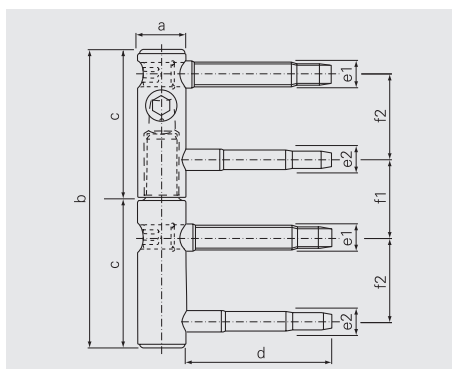
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
11R15S010SZS	10	Steel	Zinc GSS	5	706702

Jigs/Accessories

Product	Page	Product	Page
Jigs	232	Caps	195-197-205-209
Drill bit	233		

11R Ø 15



Application: 11R Ø 15-030-Adjustable hinge

For timber doors and windows

Load capacity with 2 hinges 100 kg

Adjustable 0/+3 mm in height, +/-3 mm horizontal and gasket pressure



Technical information

a	b	c	d	e1	e2	f1	f2
15.0	92.0	46.0	45.0	8.7	7.6	28.0	24.0

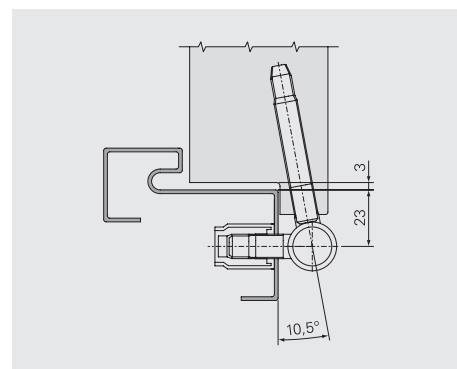
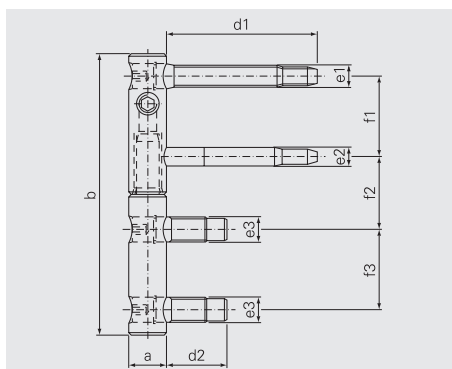
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
11R15S030XS	10	Stainless steel	Brushed Stainless Steel	5	1422749

Jigs/Accessories

Product	Page	Product	Page
Jigs	232	Caps	195-197-205-209
Drill bit	233		

11R Ø 15



Application: 11R Ø 15-009-Adjustable hinge

For steel frames

Load capacity with 2 hinges 80 kg

Adjustable 0/+3 mm in height, +/-3 mm horizontal and gasket pressure



Technical information

a	b	d1	d2	e1	e2	e3	f1	f2	f3
15.0	112.0	60.0	24.0	8.7	7.45	10.0	32.0	29.0	32.0

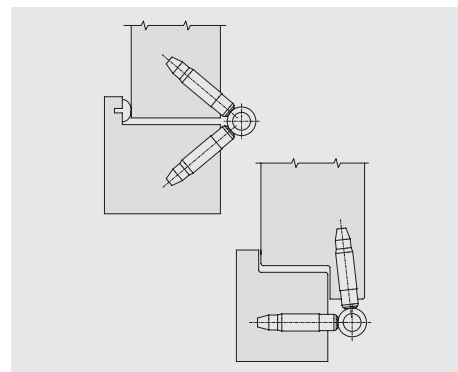
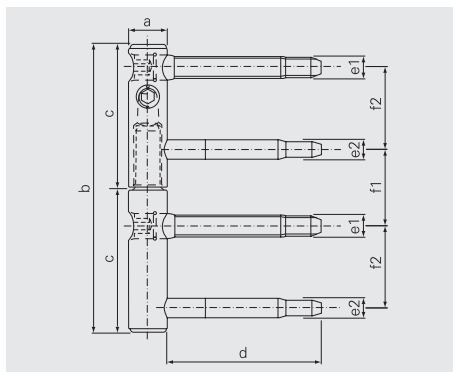
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
11R15F009SZS	10	Steel	Zinc GSS	5	1137825

Jigs/Accessories

Product	Page	Product	Page
Jigs	232	Caps	196-198-206-210
Drill bit	233		

11R Ø 15



Application: 11R Ø 15-003-Adjustable hinge

For timber doors and windows

Load capacity with 2 hinges 80 kg

Adjustable 0/+3 mm in height, +/-3 mm horizontal and gasket pressure



Technical information

a	b	c	d	e1	e2	f1	f2
15.0	112.0	56.0	60.0	8.7	7.45	29.0	32.0

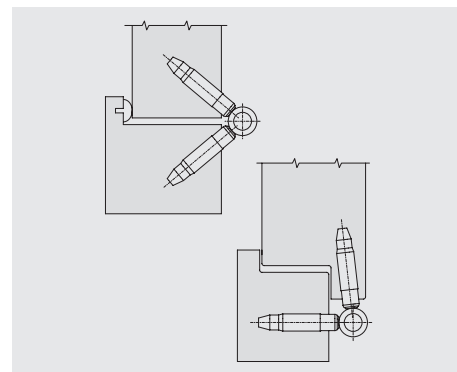
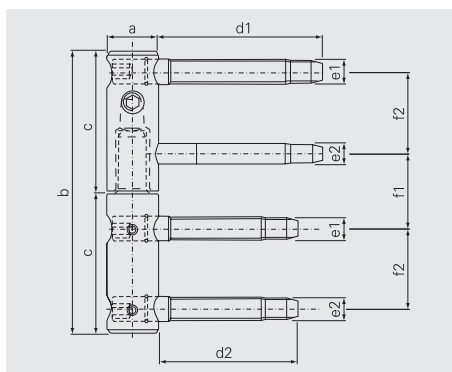
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
11R15S003SZS	10	Steel	Zinc GSS	5	706703

Jigs/Accessories

Product	Page	Product	Page
Jigs	232	Caps	196-198-206-210
Drill bit	233		

11R Ø 20



Application: 11R Ø 20-017-Adjustable hinge with security screws

For timber doors

Load capacity with 2 hinges 120 kg

Adjustable 0/+3 mm in height, +/-3 mm horizontal and gasket pressure

Frame studs self-tapping



Technical information

a	b	c	d1	d2	e1	e2	f1	f2
20.0	112.0	56.0	80.0	55.0	9.5	8.4	29.0	32.0

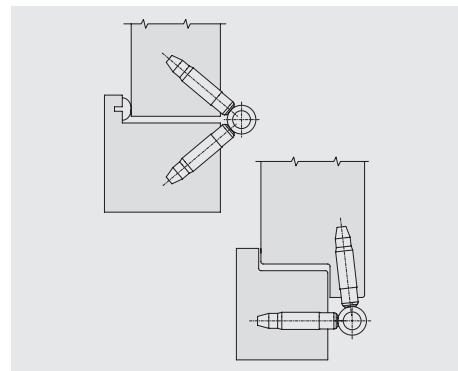
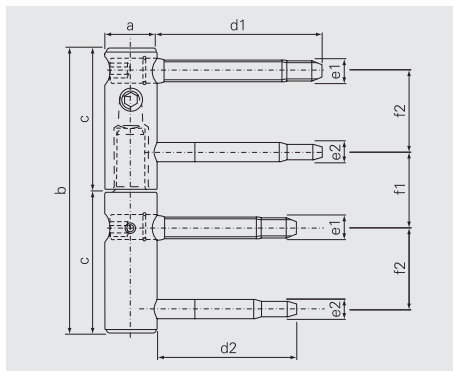
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
11R20S017SZS	10	Steel	Zinc GSS	5	1063762

Jigs/Accessories

Product	Page	Product	Page
Jigs	232	Caps	200-201-207-211
Drill bit	233		

11R Ø 20



Application: 11R Ø 20-000-Adjustable hinge with security screws

For timber doors

Load capacity with 2 hinges 120 kg

Adjustable 0/+3 mm in height, +/-3 mm horizontal and gasket pressure



Technical information

a	b	c	d1	d2	e1	e2	f1	f2
20.0	112.0	56.0	65.0	55.0	9.5	8.4	29.0	32.0

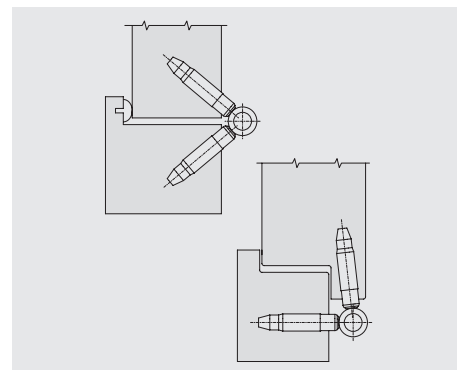
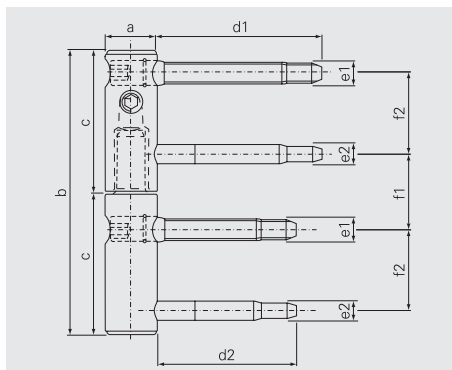
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
11R20F000XS	10	Stainless steel	Brushed Stainless Steel	5	1272282
11R20S000SZS		Steel	Zinc GSS		706705

Jigs/Accessories

Product	Page	Product	Page
Jigs	232	Caps	200-201-207-211
Drill bit	233		

11R Ø 20



Application: 11R Ø 20-009-Adjustable hinge with security screws

For timber doors

Load capacity with 2 hinges 120 kg

Adjustable 0/+3 mm in height, +/-3 mm horizontal and gasket pressure



Technical information

a	b	c	d1	d2	e1	e2	f1	f2
20.0	112.0	56.0	65.0	55.0	9.5	8.4	29.0	32.0

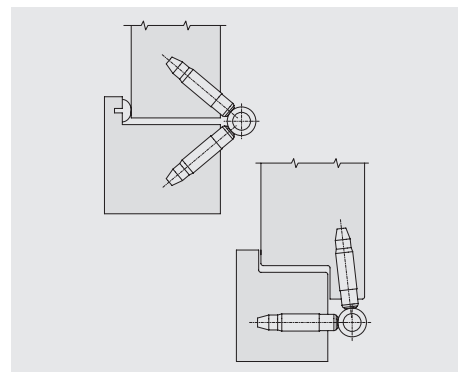
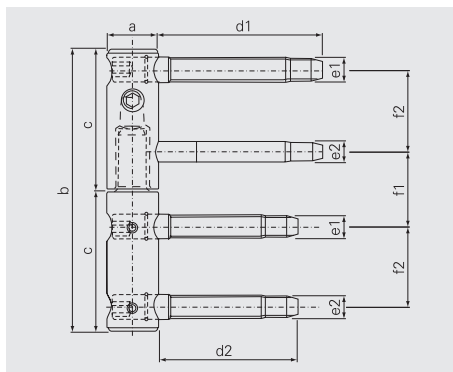
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
11R20S009SZS	10	Steel	Zinc GSS	5	706656

Jigs/Accessories

Product	Page	Product	Page
Jigs	232	Caps	200-201-207-211
Drill bit	233		

11R Ø 20



Application: 11R Ø 20-007-Adjustable hinge with security screws

For timber doors

Load capacity with 2 hinges 120 kg

Adjustable 0/+3 mm in height, +/-3 mm horizontal and gasket pressure

Frame studs self-tapping



Technical information

a	b	c	d1	d2	e1	e2	f1	f2
20.0	112.0	56.0	65.0	55.0	9.5	8.4	29.0	32.0

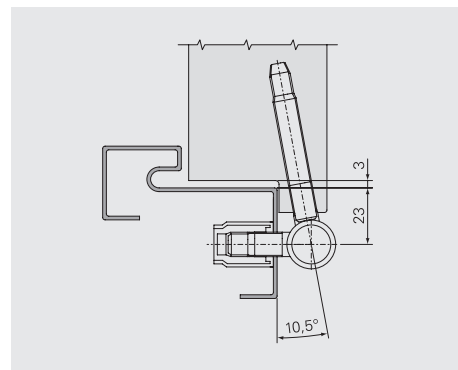
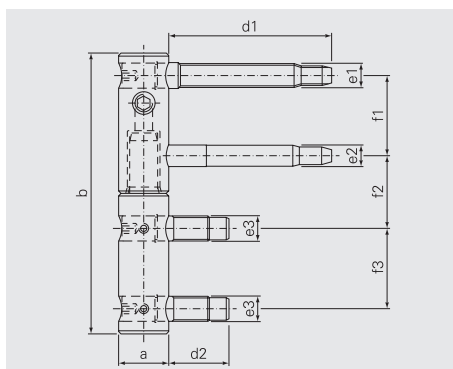
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
11R20S007SZS	10	Steel	Zinc GSS	5	710894

Jigs/Accessories

Product	Page	Product	Page
Jigs	232	Caps	200-201-207-211
Drill bit	233		

11R Ø 20



Application: 11R Ø 20-006-Adjustable hinge with security screws

For steel frames

Load capacity with 2 hinges 120 kg

Adjustable 0/+3 mm in height, +/-3 mm horizontal and gasket pressure

Both rotating frame studs self-tapping



Technical information

a	b	d1	d2	e1	e2	e3	f1	f2	f3
20.0	112.0	65.0	24.0	9.5	8.4	10.0	32.0	29.0	32.0

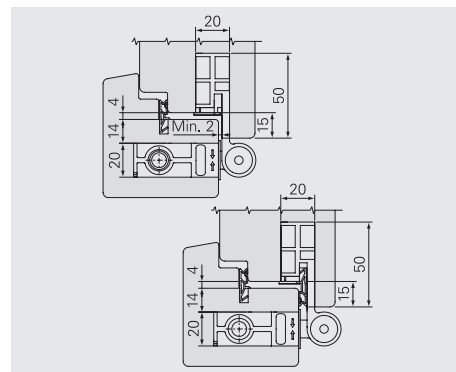
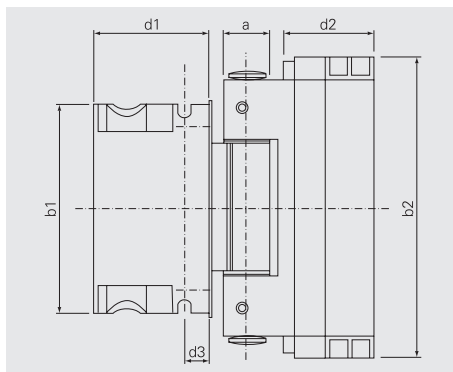
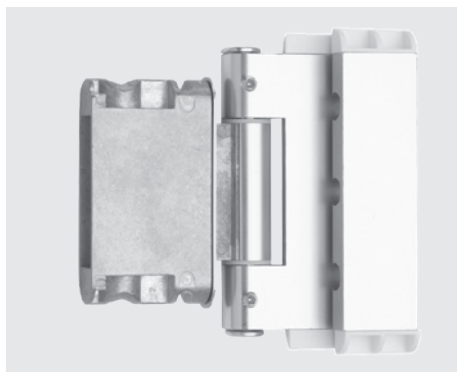
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
11R20S006SZS	10	Steel	Zinc GSS	5	1137827

Jigs/Accessories

Product	Page	Product	Page
Jigs	232	Caps	200-201-207-211
Drill bit	233		

Easy 3D Ø 20



Application: Easy 3D Ø 20-000-Adjustable hinge - rebate 15mm air gap 4mm

For timber doors

Load capacity with 2 hinges 160 kg

Adjustable +3/-2 mm in height, +/-3 mm horizontal and +/-2 gasket pressure

For rebate 15 mm available milling cover cap



Technical information

a	b1	b2	d1	d2	d3
20.0	90.0	130.0	50.0	50.0	10.5

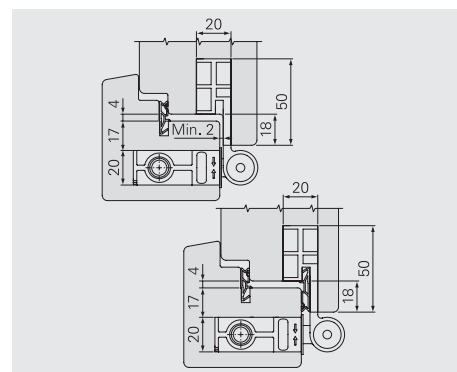
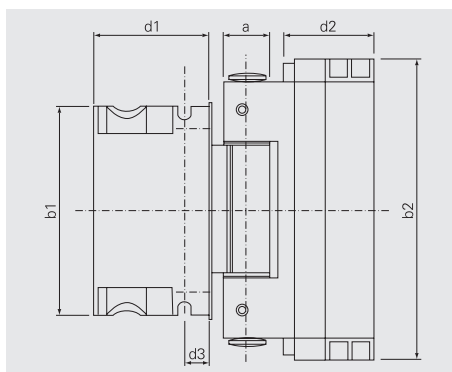
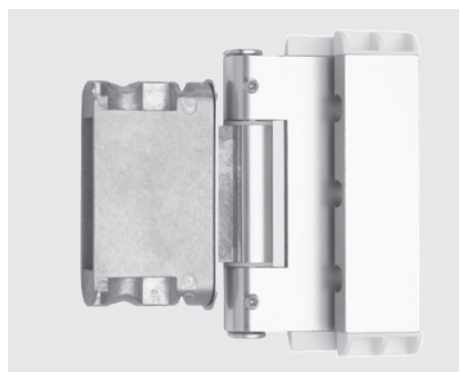
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
E3DS020ABS	3	Steel / Aluminium	Powder coated White	5	1353012
E3DS020AKC			Light Bronzed		1353016
E3DS020ACA			Matt Chrome		1351253
E3DS020ASX			Brushed Stainless Steel Effect		1353021
E3DS020APM			Brown RAL 8017		1353018
E3DS020AMPN			Black RAL 9005 Matt		1353019
E3DS020APXW			Powder coated Light Stainless Steel Effect	3	1353020
E3DS020AEL			Brassed		1353015
E3DS020ANO			Matt Nickel	2	1353017

Jigs/Accessories

Product	Page	Product	Page
Jigs	231	Milling cover cap	224
Milling cutter	231		

Easy 3D Ø 20



Application: Easy 3D Ø 20-000-Adjustable hinge - rebate 18mm air gap 4mm

For timber doors

Load capacity with 2 hinges 160 kg

Adjustable +3/-2 mm in height, +/-3 mm horizontal and +/-2 gasket pressure



Technical information

a	b1	b2	d1	d2	d3
20.0	90.0	130.0	50.0	50.0	10.5

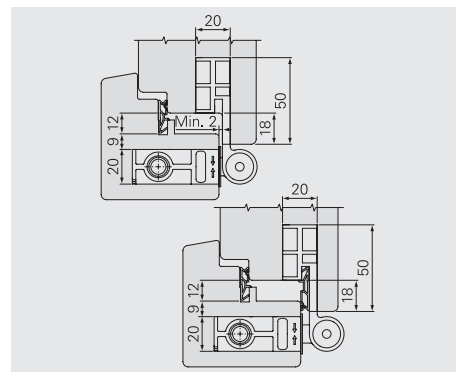
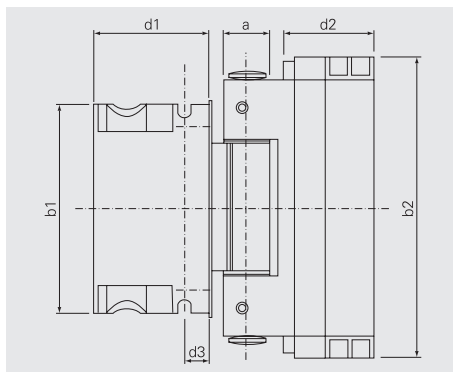
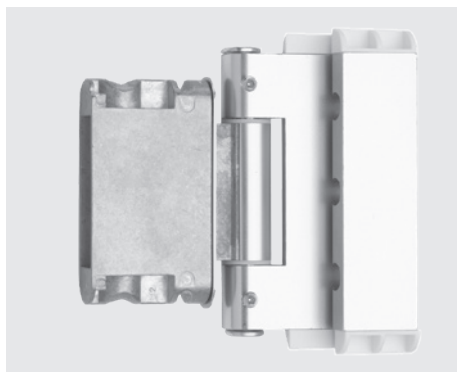
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
E3DS020ABS	3	Steel / Aluminium	Powder coated White	5	1353012
E3DS020AKC			Light Bronzed		1353016
E3DS020ACA			Matt Chrome		1351253
E3DS020ASX			Brushed Stainless Steel Effect		1353021
E3DS020APM			Brown RAL 8017		1353018
E3DS020AMPN			Black RAL 9005 Matt		1353019
E3DS020APXW			Powder coated Light Stainless Steel Effect		1353020
E3DS020AEL			Brassed	3	1353015
E3DS020ANO			Matt Nickel	2	1353017

Jigs/Accessories

Product		Page	Product		Page
Jigs		231			
Milling cutter		231			

Easy 3D Ø 20



Application: Easy 3D Ø 20-000-Adjustable hinge - rebate 18mm air gap 12mm

For timber doors

Load capacity with 2 hinges 160 kg

Adjustable +3/-2 mm in height, +/-3 mm horizontal and +/-2 gasket pressure



Technical information

a	b1	b2	d1	d2	d3
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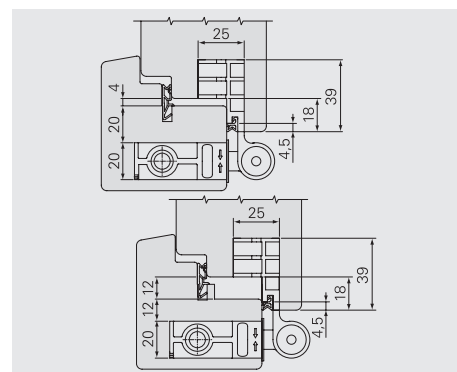
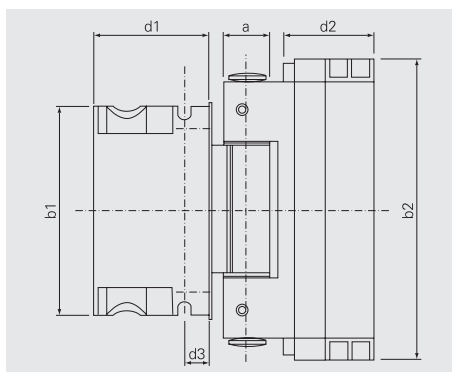
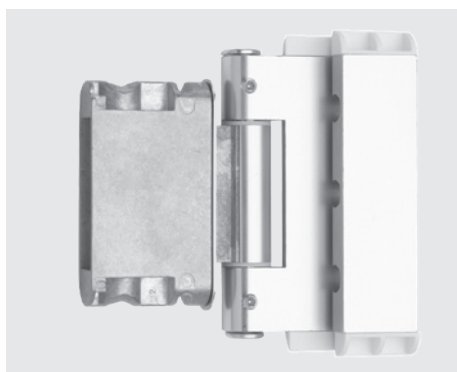
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
E3DS020ABS	3	Steel / Aluminium	Powder coated White	5	1353012
E3DS020AKC			Light Bronzed		1353016
E3DS020ACA			Matt Chrome		1351253
E3DS020ASX			Brushed Stainless Steel Effect		1353021
E3DS020APM			Brown RAL 8017		1353018
E3DS020AMPN			Black RAL 9005 Matt		1353019
E3DS020APXW			Powder coated Light Stainless Steel Effect	3	1353020
E3DS020AEL			Brassed		1353015
E3DS020ANO			Matt Nickel	2	1353017

Jigs/Accessories

Product		Page	Product		Page
Jigs		231			
Milling cutter		231			

Easy 3D Ø 20



Application: Easy 3D Ø 20-023-Adjustable hinge - rebate 18mm soundproofed gasket 4,5mm

For timber doors

Load capacity with 2 hinges 160 kg

Adjustable +3/-2 mm in height, +/-3 mm horizontal and +/-2 gasket pressure



Technical information

a	b1	b2	d1	d2	d3
20.0	90.0	130.0	50.0	39.0	10.5

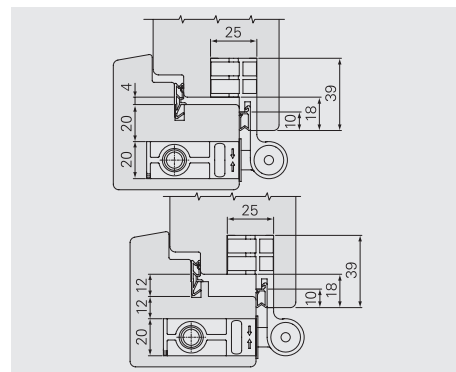
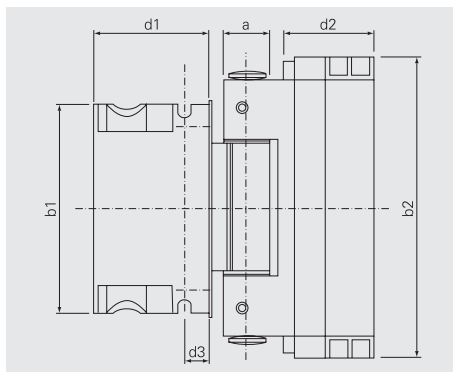
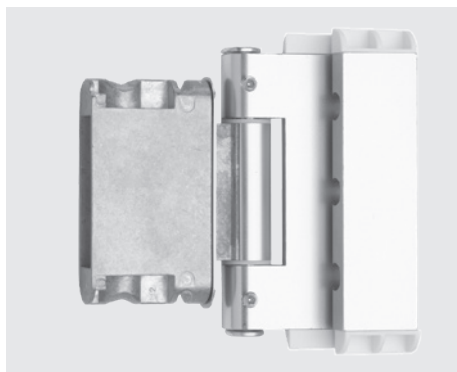
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
E3DS023ABS	3	Steel / Aluminium	Powder coated White	5	1357298
E3DS023AKC			Light Bronzed		1357312
E3DS023ACA			Matt Chrome		1357299
E3DS023ASX			Brushed Stainless Steel Effect		1357317
E3DS023APM			Brown RAL 8017		1357314
E3DS023AMPN			Black RAL 9005 Matt		1357315
E3DS023APXW			Powder coated Light Stainless Steel Effect		1357316
E3DS023AEL			Brassed	3	1357300
E3DS023ANO			Matt Nickel	2	1357313

Jigs/Accessories

Product		Page	Product		Page
Jigs		231			
Milling cutter		231			

Easy 3D Ø 20



Application: Easy 3D Ø 20-024-Adjustable hinge - rebate 18mm soundproofed gasket 10mm

For timber doors

Load capacity with 2 hinges 160 kg

Adjustable +3/-2 mm in height, +/-3 mm horizontal and +/-2 gasket pressure



Technical information

a	b1	b2	d1	d2	d3
20.0	90.0	130.0	50.0	39.0	10.5

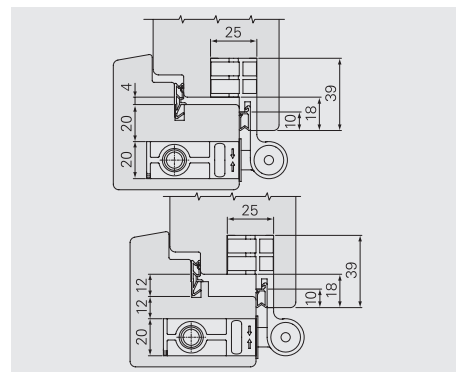
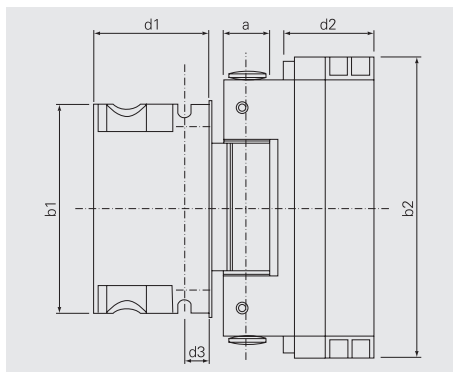
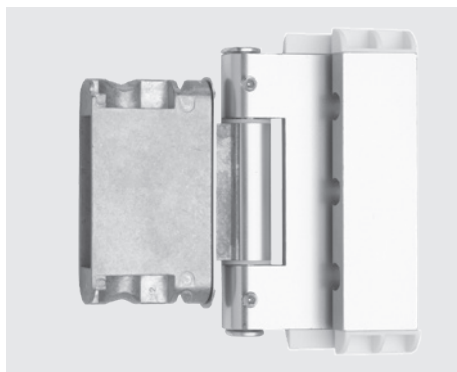
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
E3DS024ABS	3	Steel / Aluminium	Powder coated White	5	1357318
E3DS024AKC			Light Bronzed		1357321
E3DS024ACA			Matt Chrome		1357319
E3DS024ASX			Brushed Stainless Steel Effect		1357327
E3DS024APM			Brown RAL 8017		1357325
E3DS024AMPN			Black RAL 9005 Matt		1357431
E3DS024APXW			Powder coated Light Stainless Steel Effect		1357326
E3DS024AEL			Brassed	3	1357320

Jigs/Accessories

Product		Page	Product		Page
Jigs		231			
Milling cutter		231			

Easy 3D Ø 20



Application: Easy 3D Ø 20-024-Adjustable hinge - rebate 20mm soundproofed gasket 12mm

For timber doors

Load capacity with 2 hinges 160 kg

Adjustable +3/-2 mm in height, +/-3 mm horizontal and +/-2 gasket pressure



Technical information

a	b1	b2	d1	d2	d3
20.0	90.0	130.0	50.0	39.0	10.5

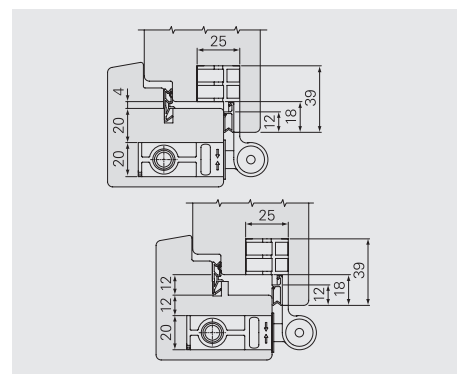
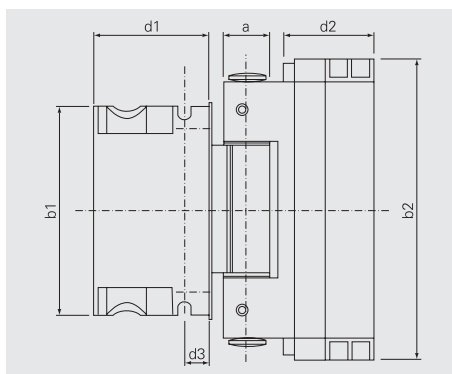
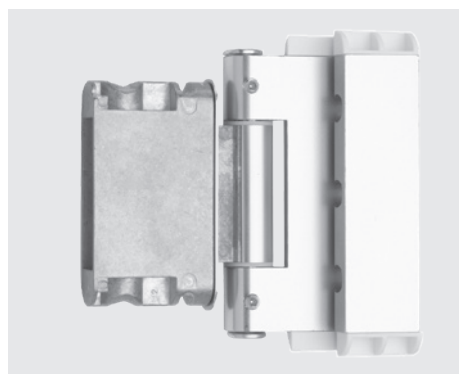
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
E3DS024ABS	3	Steel / Aluminium	Powder coated White	5	1357318
E3DS024AKC			Light Bronzed		1357321
E3DS024ACA			Matt Chrome		1357319
E3DS024ASX			Brushed Stainless Steel Effect		1357327
E3DS024APM			Brown RAL 8017		1357325
E3DS024AMPN			Black RAL 9005 Matt		1357431
E3DS024APXW			Powder coated Light Stainless Steel Effect	3	1357326
E3DS024AEL			Brassed		1357320

Jigs/Accessories

Product		Page	Product		Page
Jigs		231			
Milling cutter		231			

Easy 3D Ø 20



Application: Easy 3D Ø 20-026-Adjustable hinge - rebate 18mm soundproofed gasket 12mm

For timber doors

Load capacity with 2 hinges 160 kg

Adjustable +3/-2 mm in height, +/-3 mm horizontal and +/-2 gasket pressure



Technical information

a	b1	b2	d1	d2	d3
20.0	90.0	130.0	50.0	39.0	10.5

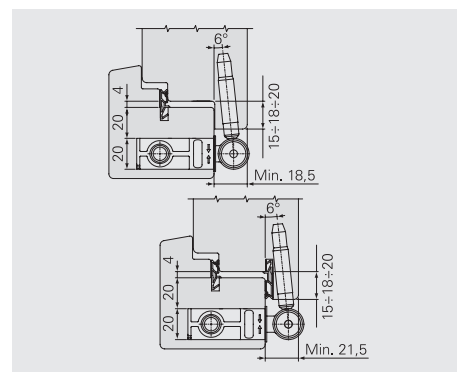
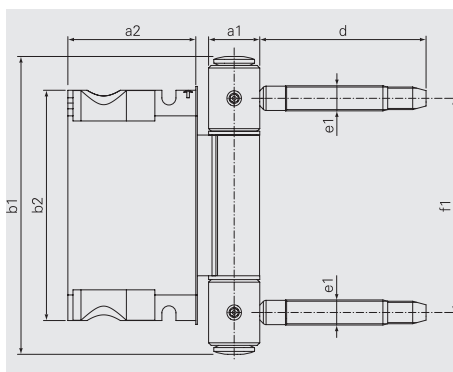
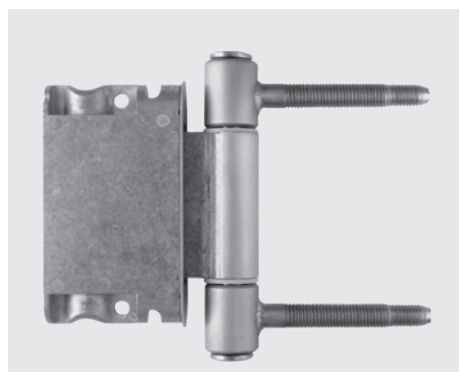
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
E3DS026ABS	3	Steel / Aluminium	Powder coated White	5	1357329
E3DS026AKC			Light Bronzed		1357332
E3DS026ACA			Matt Chrome		1357330
E3DS026ASX			Brushed Stainless Steel Effect		1357335
E3DS026APM			Brown RAL 8017		1357334
E3DS026AMPN			Black RAL 9005 Matt		1357472
E3DS026APXW			Powder coated Light Stainless Steel Effect	3	1357473
E3DS026AEL			Brassed		1357331

Jigs/Accessories

Product		Page	Product		Page
Jigs		231			
Milling cutter		231			

Easy 3D Ø 20



Application: Easy 3D Ø 20-001-Adjustable hinge

For timber doors

Load capacity with 2 hinges 160 kg

Adjustable +3/-2 mm in height, +/-3 mm horizontal and +/-2 gasket pressure



Technical information

a1	a2	b1	b2	d	e1	f1
20.0	50.0	130.0	90.0	65.0	9.8	83.7

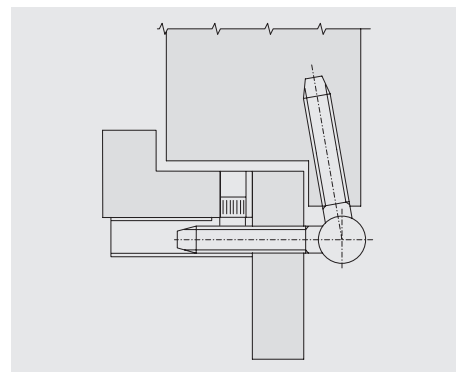
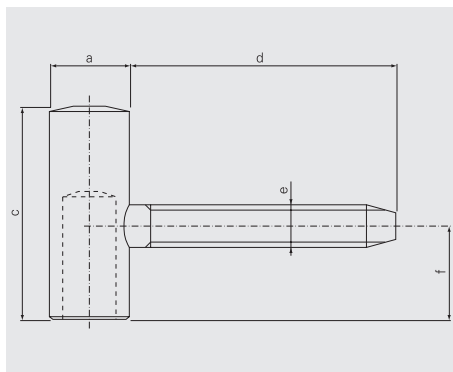
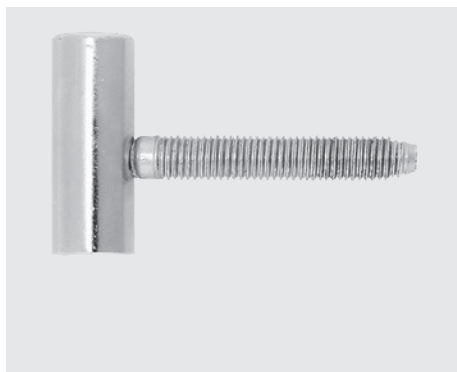
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
E3DS001XTL	3	Stainless steel	Brushed Stainless Steel	5	1360209

Jigs/Accessories

Product	Page	Product	Page
Jigs	231		
Milling cutter	231		

10L-15-F21



Application: 10L Ø 15 –Hinge for doors (sash part)

For timber doors

Load capacity with 2 hinges 50 kg



Technical information

a	c	d	e	f
15.0	39.5	50.0	M8	17.5

Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
10L15BF21SN	400	Steel	Nickel	0	401774

Combinations/Jigs/Accessories

Product

10L Ø 15 timber frame part

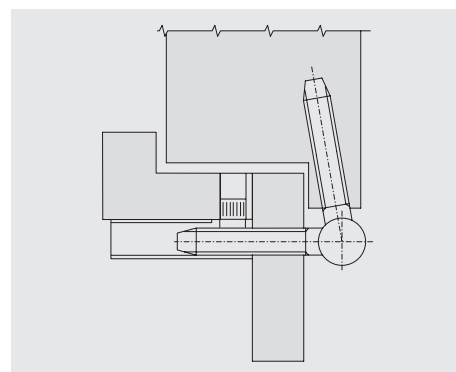
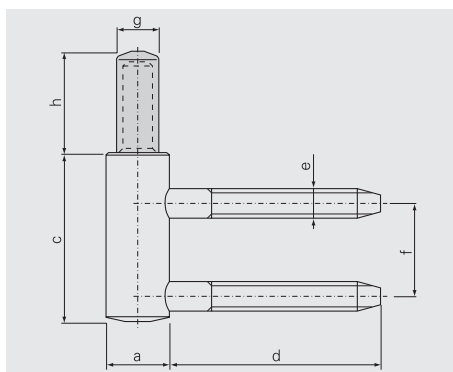


Product

10L Ø 15 steel frame part



10L-15-M26



Application: 10L Ø 15 –Hinge for doors (frame part) with self lubricating bush

For timber doors

Load capacity with 2 hinges 50 kg



Technical information

a	c	d	e	f	g	h
15.0	40.0	50.0	7.0	22.0	10.0	24.0

Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
10L15BM26SN	200	Steel	Nickel	0	1272055

Combinations/Jigs/Accessories

Product

10L Ø 15 sash part



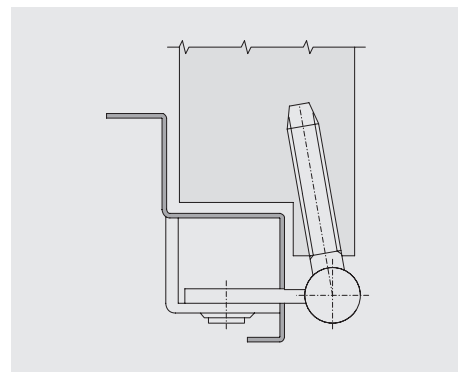
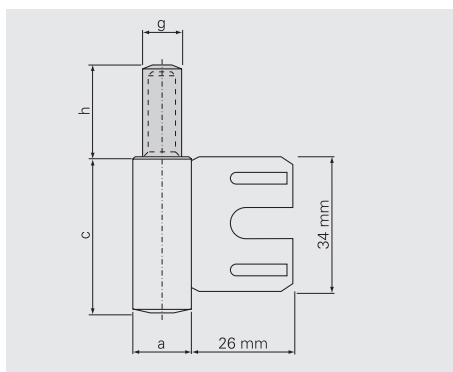
Product

support for cover frame

Page

212

10L-15-M23



Application: 10L Ø 15 –Hinge for doors (frame part) with self lubricating bush

For timber doors with steel frame

Load capacity with 2 hinges 50 kg



Technical information

a	c	g	h
15.0	40.0	10.0	24.0

Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
10L15EM23SN	20	Steel	Nickel	0	1272041

Combinations/Jigs/Accessories

Product

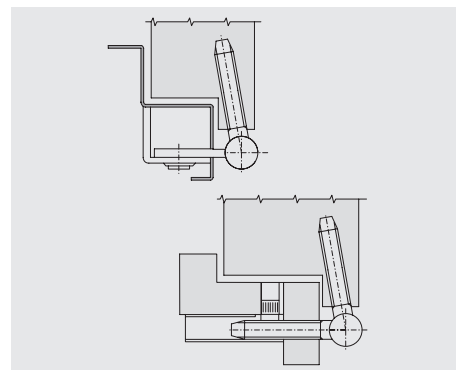
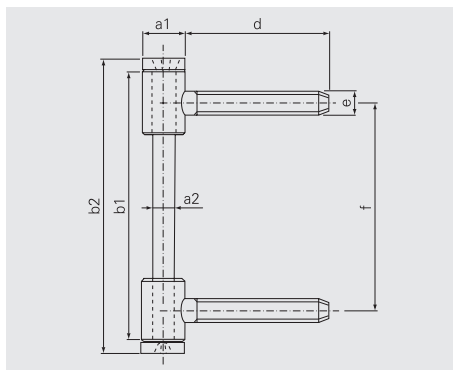
10L Ø 15 timber frame part



Product

Page

220-15-LSV01



Application: 220 Ø 15 –Hinge for doors (sash part) with self lubricating bushes

For timber doors

Load capacity with 2 hinges 75 kg

Metric studs



Technical information

a1	a2	b1	b2	d	e	f
15.0	8.0	93.0	101.5	50.0	8.0	71.0

Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
22015ELSV01XS	20	Stainless steel	Brushed Stainless Steel	5	836098
22015ELSV01SN	25	Steel	Nickel	0	1508049

Combinations/Jigs/Accessories

Product

220 Ø 15 frame part

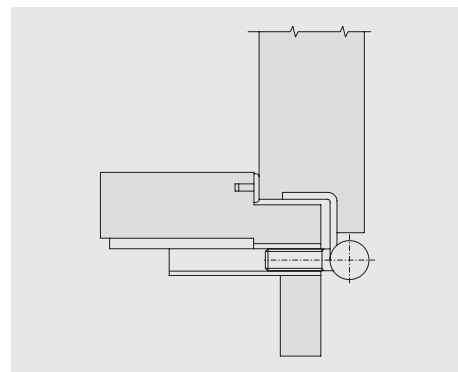
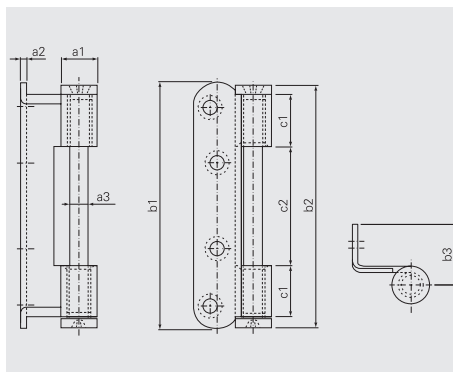


Product

220 Ø 15 frame part



220-15-PSV08



Application: 220 Ø 15 –Hinge for doors (sash part) with self lubricating bushes

For timber doors

Load capacity with 2 hinges 85 kg



Technical information

a1	a2	a3	b1	b2	b3	c1	c2
15.0	2.5	8.0	103.0	101.5	25.0	22.0	49.0

Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
22015EPSV08SN	20	Steel	Nickel	0	683566

Combinations/Jigs/Accessories

Product

220 Ø 15 timber frame part

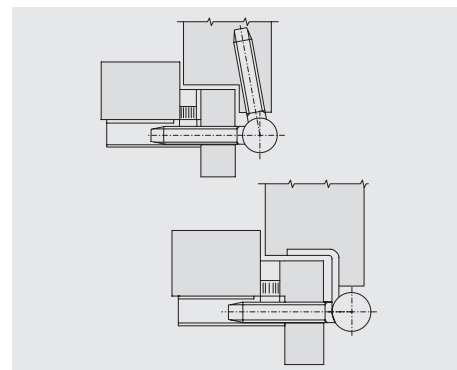
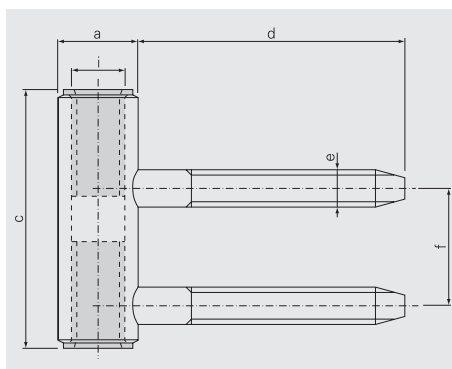


Product

220 Ø 15 steel frame part



220-15-C03



Application: 220 Ø 15 –Hinge for doors (frame part) with self lubricating bushes

For timber cover frames

Load capacity depending on the sash part



Technical information

a	c	d	e	f	i
15.0	48.3	50.0	7.0	22.0	8.0

Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
22015EC03XS	20	Stainless steel	Brushed Stainless Steel	5	843374
22015BC03SN	100	Steel	Nickel	0	489294

Combinations/Jigs/Accessories

Product

220 Ø 15 sash part

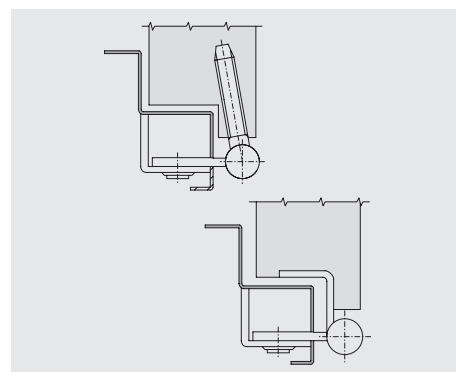
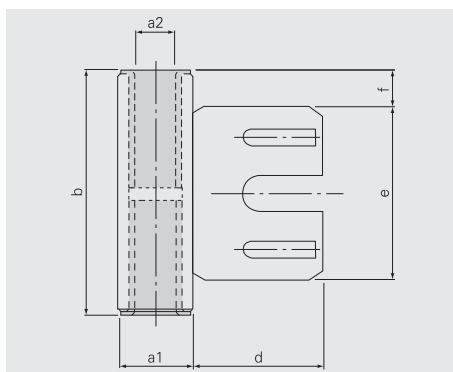


Product

220 Ø 15 sash part



220-15-C02



Application: 220 Ø 15 –Hinge for doors (frame part) with self lubricating bushes

For steel frames

Load capacity depending on the sash part



Technical information

a1	a2	b	d	e	f
15.0	8.0	48.3	26.0	34.0	7.2

Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
22015BC02SN	25	Steel	Nickel	0	428789

Combinations/Jigs/Accessories

Product

220 Ø 15 sash part



Product

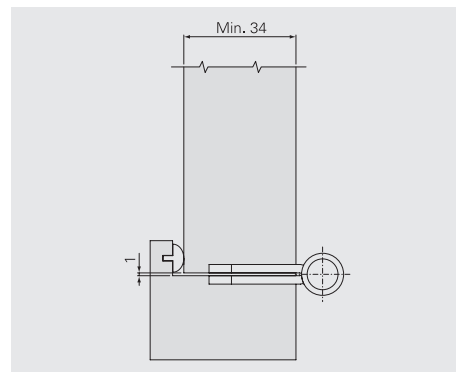
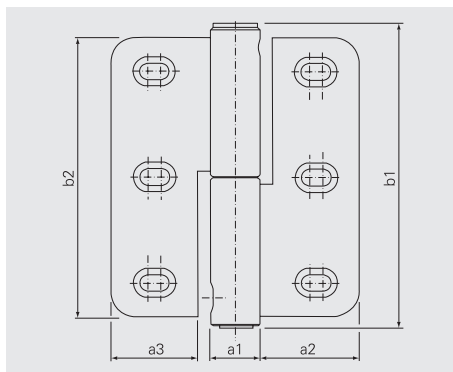
220 Ø 15 sash part





Hinges for flush-fit doors and windows

ATC Ø 15



Application: ATC Ø 15—Self closing mechanism left and right hand

For timber doors

Spacers available for horizontal adjustment

0,5mm cod.998344; 1,0mm cod.998345; 2,0mm cod.998346



Technical information

a1	a2	a3	b1	b2
15.0	31.0	27.0	95.0	86.0

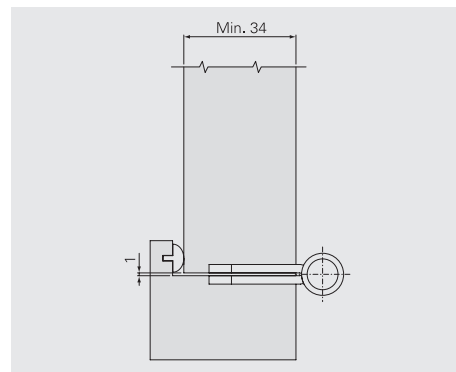
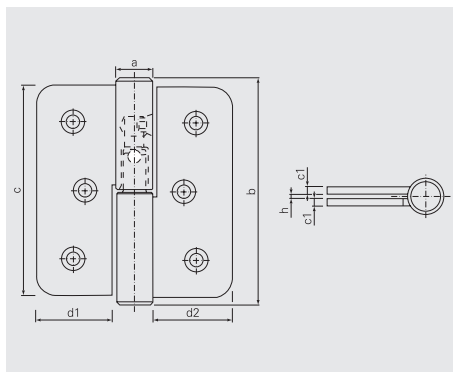
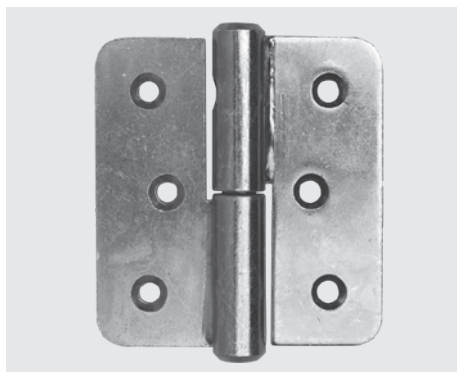
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
ATC15F052SN - left	10	Steel	Nickel	0	1622371
ATC15F053SN - right					1622372

Jigs/Accessories

Product		Page	Product		Page
			Caps		195-197-205-209

11R Ø 15



Application: 11R Ø 15-033-Adjustable hinge left hand for self closing system

For timber doors in aria 1mm

Load capacity with 2 hinges 100 kg

Adjustable 0/+3mm in height

Spacers available for horizontal adjustment: 0,5mm cod.998344; 1,0mm cod.998345; 2,0mm cod.998346



Technical information

a	b	c	c1	d1	d2	h
15.0	92.0	86.0	3.0	31.0	33.0	1.0

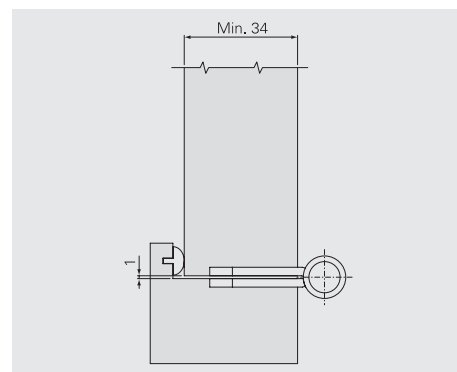
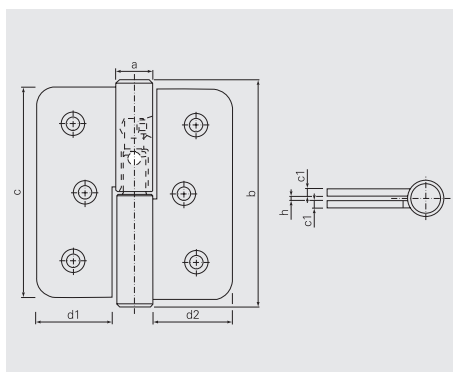
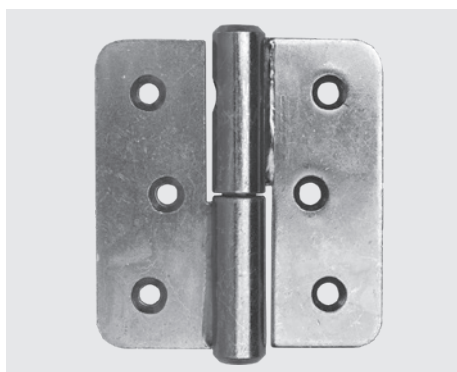
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
11R15F033SZS	10	Steel	Zinc GSS	5	753375
11R15F033SN			Nickel	0	515018
11R15F033SCO			Sandblasted Matt Chrome		514742

Jigs/Accessories

Product		Page	Product		Page
			Caps		195-197-205-209

11R Ø 15



Application: 11R Ø 15-034-Adjustable hinge right hand for self closing system

For timber doors air gap 1mm

Load capacity with 2 hinges 100 kg

Adjustable 0/+3mm in height

Spacers available for horizontal adjustment: 0,5mm cod.998344; 1,0mm cod.998345; 2,0mm cod.998346



Technical information

a	b	c	c1	d1	d2	h
15.0	92.0	86.0	3.0	31.0	33.0	1.0

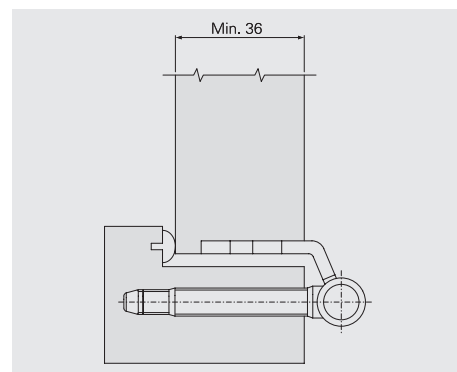
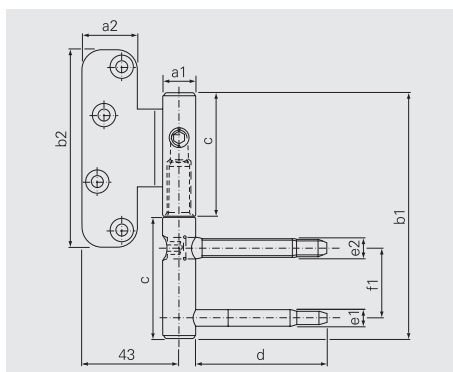
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
11R15F034SZS	10	Steel	Zinc GSS	5	753376
11R15F034SN			Nickel	0	515020

Jigs/Accessories

Product	Page	Product	Page
		Caps	195-197-205-209

11R Ø 15



Application: 11R Ø 15-005-Adjustable hinge left hand

For timber doors

Load capacity with 2 hinges 80 kg

Adjustable 0/+3mm in height e +/-3,0mm gasket pressure



Technical information

a1	a2	b1	b2	c	d	e1	e2	f1
15.0	25.0	112.0	90.0	56.0	60.0	7.45	8.7	32.0

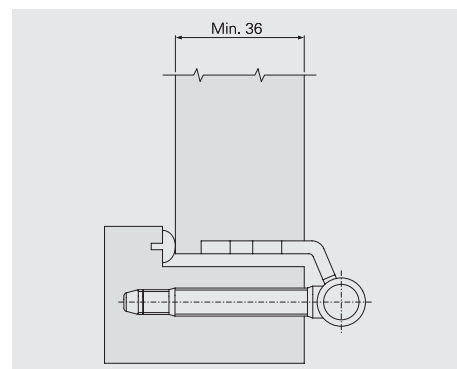
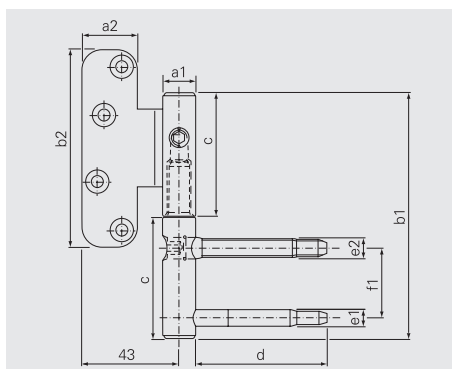
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
11R15F005SZS	10	Steel	Zinc GSS	5	1063859

Jigs/Accessories

Product	Page	Product	Page
Jigs	232	Caps	196-198-206-210
Drill bit	233		

11R Ø 15



Application: 11R Ø 15-006-Adjustable hinge right hand

For timber doors

Load capacity with 2 hinges 80 kg

Adjustable 0/+3mm in height e +/-3,0mm gasket pressure



Technical information

a1	a2	b1	b2	c	d	e1	e2	f1
15.0	25.0	112.0	90.0	56.0	60.0	7.45	8.7	32.0

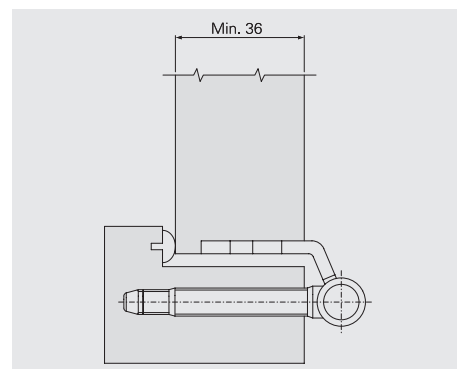
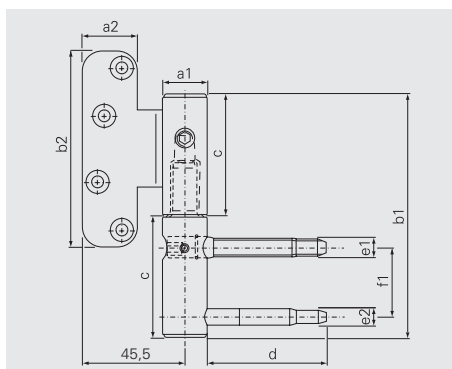
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
11R15F006SZS	10	Steel	Zinc GSS	5	1063857

Jigs/Accessories

Product	Page	Product	Page
Jigs	232	Caps	196-198-206-210
Drill bit	233		

11R Ø 20



Application: 11R Ø 20-001-Adjustable hinge left hand with security screws

For timber doors

Load capacity with 2 hinges 100 kg

Adjustable 0/+3mm in height e +/-3,0mm gasket pressure



Technical information

a1	a2	b1	b2	c	d	e1	e2	f1
20.0	25.0	112.0	90.0	56.0	55.0	9.5	8.4	32.0

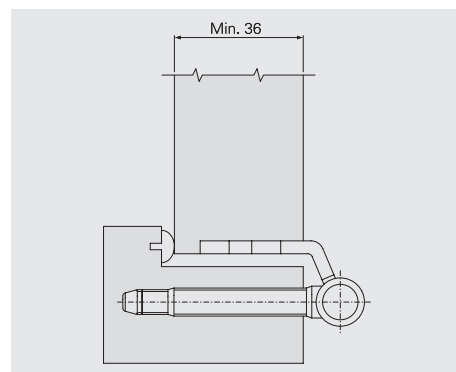
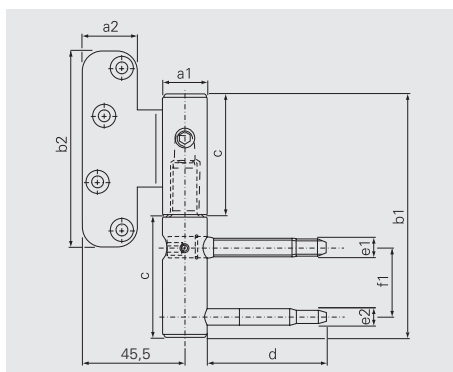
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
11R20F001SZS	10	Steel	Zinc GSS	5	1063475

Jigs/Accessories

Product	Page	Product	Page
Jigs	232	Caps	200-201-207-211
Drill bit	233		

11R Ø 20



Application: 11R Ø 20-002-Adjustable hinge right hand with security screws

For timber doors

Load capacity with 2 hinges 100 kg

Adjustable 0/+3mm in height e +/-3,0mm gasket pressure



Technical information

a1	a2	b1	b2	c	d	e1	e2	f1
20.0	25.0	112.0	90.0	56.0	55.0	9.5	8.4	32.0

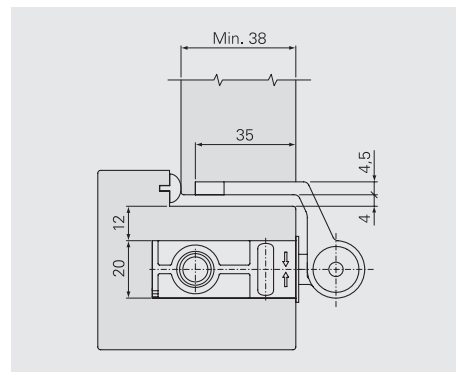
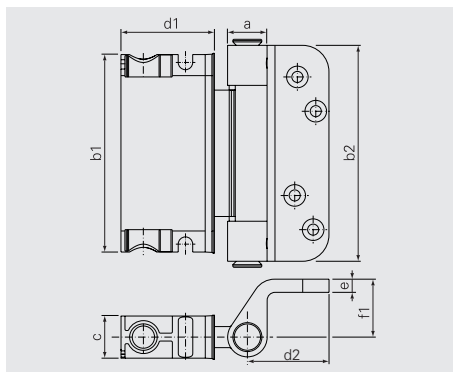
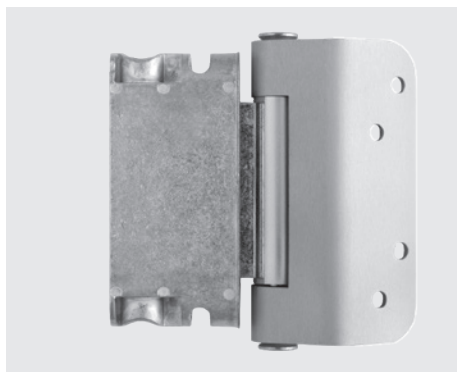
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
11R20F002SZS	10	Steel	Zinc GSS	5	1063602

Jigs/Accessories

Product	Page	Product	Page
Jigs	232	Caps	200-201-207-211
Drill bit	233		

Easy 3D



Application: Easy 3D-030 –Adjustable hinge

For timber doors

Load capacity with 2 hinges 160 kg

Adjustable +3/-2mm in height, +/-3mm horizontal and +/-2mm gasket pressure



Technical information

a	b1	b2	c	d1	d2	e	f1
20.0	90.0	110.0	20.0	50.0	49.0	4,5	30.5

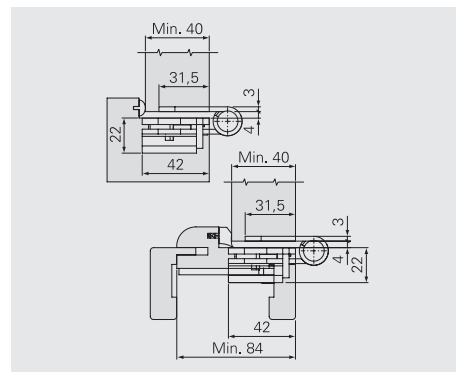
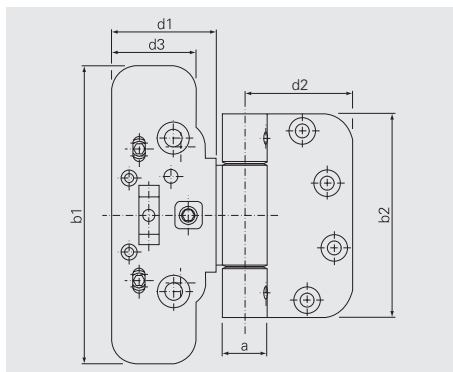
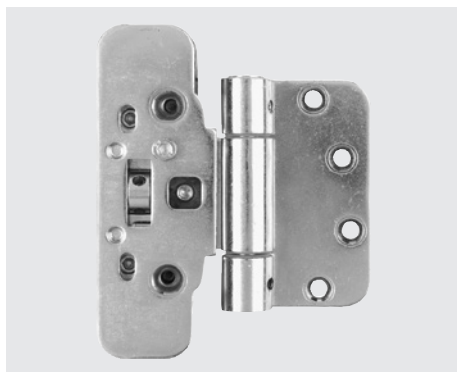
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
E3DS030ACA	3	Steel / Zamak	Matt Chrome	3	1360500

Jigs/Accessories

Product	Page	Product	Page
Jigs	231		
Milling cutter	231		

Just 3D



Application: Just 3D –Adjustable hinge

For timber doors

Load capacity with 2 hinges 140 kg

Adjustable +/-2,5mm in height, horizontal and gasket pressure



Technical information

a	b1	b2	d1	d2	d3
18.0	120.0	82.0	42.0	43.0	34.0

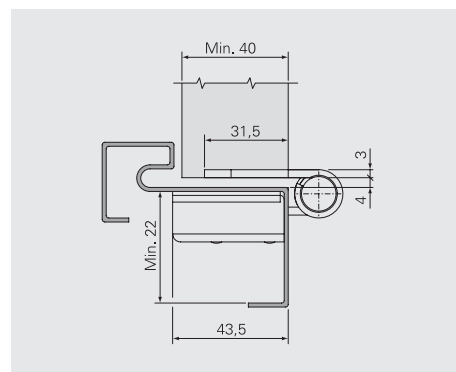
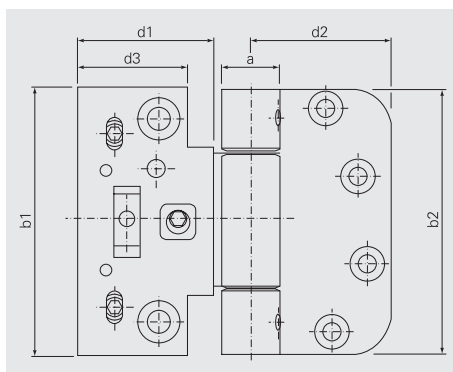
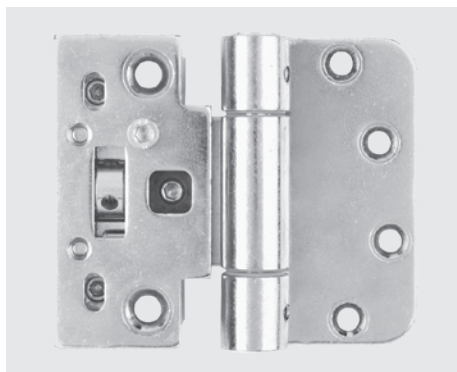
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
J3DS001/01XS	2	Stainless steel	Brushed Stainless Steel	5	1272308
J3DS001/01NO		Steel	Matt Nickel	2	777656
J3DS001/01SZ			Zinc	3	1272307

Jigs/Accessories

Product	Page	Product	Page
Jigs	231	Support for cover frame	214

Just 3D



Application: Just 3D –Adjustable hinge

For timber doors and steel frames

Load capacity with 2 hinges 140 kg

Adjustable +/-2,5mm in height, horizontal and gasket pressure



Technical information

a	b1	b2	d1	d2	d3
18.0	83.0	82.0	42.0	43.0	34.0

Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
J3DS000XS	2	Stainless steel	Brushed Stainless Steel	5	1272306
J3DS000NO		Steel	Matt Nickel	2	777653

Jigs/Accessories

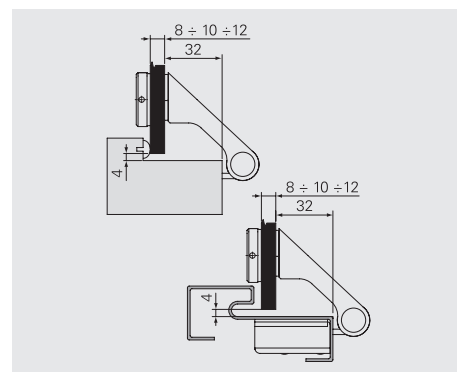
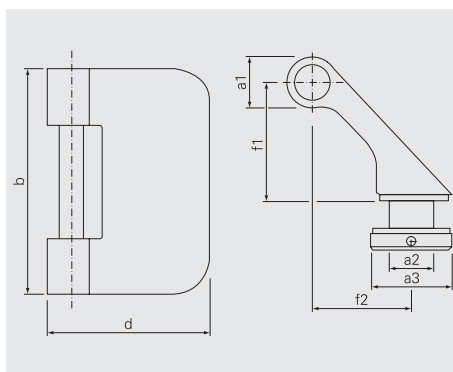
Product	Page	Product	Page
Jigs	231	Support for steel frame	213





Hinges for glass doors

Just 3D



Application: Just 3D-Adjustable hinge (sash part)

For glass doors

Load capacity with 2 hinges 50 kg



Technical information

a1	a2	a3	b	d	f1	f2
18.0	16.0	30.0	83.5	60.0	43.5	36.0

Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
J3DHF05ASX	2	Aluminium	Brushed Stainless Steel Effect	5	1333966
J3DHF05JNO			Matt Nickel	2	1376663

Combinations/Jigs/Accessories

Product

Just 3D steel frame part

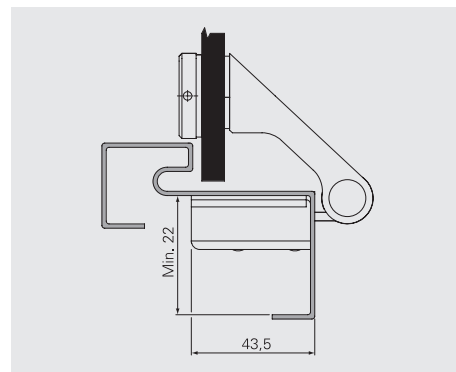
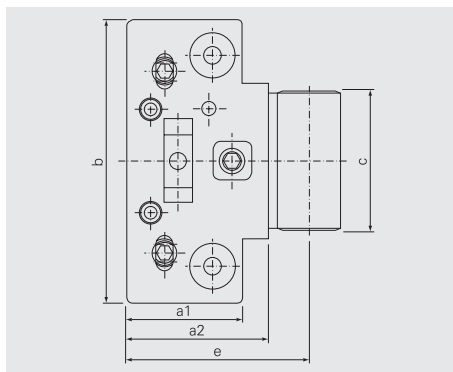


Product

Just 3D timber frame part



Just 3D



Application: Just 3D–Adjustable hinge for doors with steel frame (frame part)

For glass doors and steel frames

Load capacity with 2 hinges 50 kg

Adjustable +/-2,5 mm in height, horizontal and gasket pressure



Technical information

a1	a2	b	c	e
34.0	42.0	83.0	41.0	55.0

Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
J3DHM00XS	2	Stainless steel	Brushed Stainless Steel	5	1334376

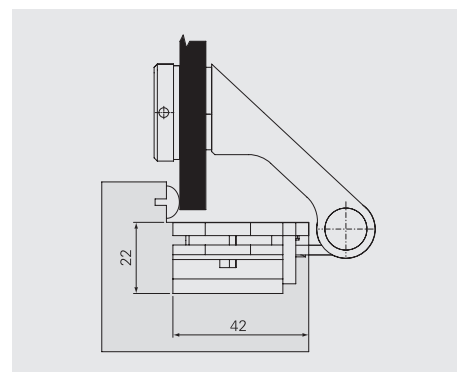
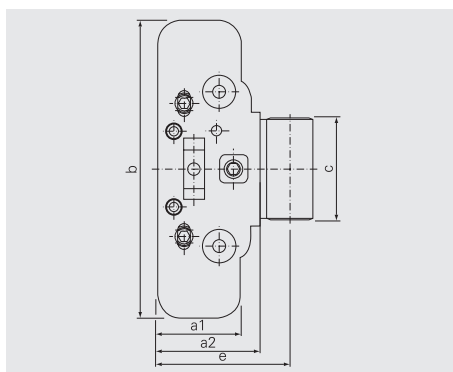
Combinations/Jigs/Accessories

Product
Just 3D sash part



Product	Page
Support for steel frame	213
Jigs	231

Just 3D



Application: Just 3D–Adjustable for doors with timber frames (frame part)

For glass doors and timber frames

Load capacity with 2 hinges 50 kg

Adjustable +/-2,5 mm in height, horizontal and gasket pressure



Technical information

a1	a2	b	c	e
34.0	42.0	120.0	41.0	53.5

Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
J3DHMT01XS	2	Stainless steel	Brushed Stainless Steel	5	1334378
J3DHMT01NO			Matt Nickel	2	1334377

Combinations/Jigs/Accessories

Product

Just 3D sash part



Product

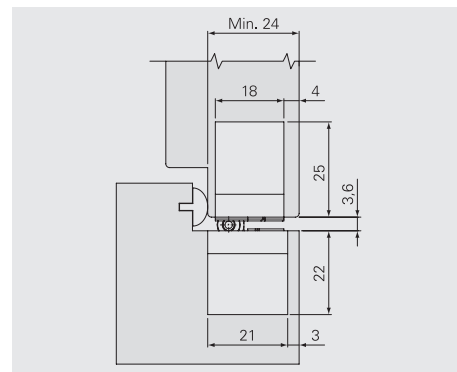
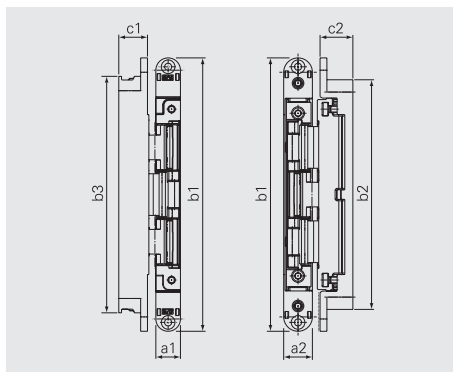
Just 3D timber frame part





Concealed hinges for flush fit doors

W-Tec 3Ds



Application: W-Tec 3Ds –Concealed hinge for doors with narrow profiles and solid timber frames

For timber doors

Load capacity with 2 hinges 60 kg

Adjustable +/-3mm in height and horizontal and +/-1mm gasket pressure



Technical information

a1	a2	b1	b2	b3	c1	c2
18.0	21.0	200.0	168.0	173.0	22.0	25.0

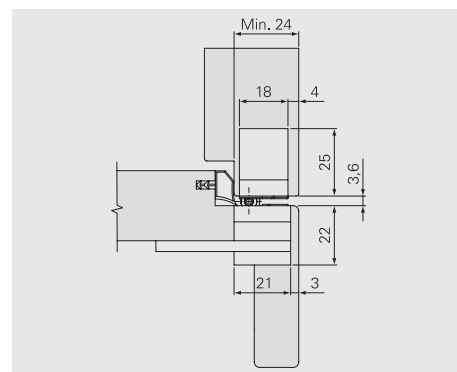
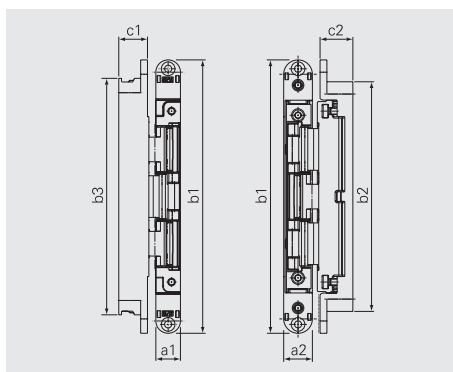
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
WTEC3DSS000VCO	2	Steel / Zamak	Matt Chrome	4	1493626
WTEC3DSS000SZS			Zinc GSS	5	1500689

Jigs/Accessories

Product		Page	Product		Page
Jigs		231			

W-Tec 3Ds



Application: W-Tec 3Ds –Concealed hinge for doors with narrow profiles and cover frames

For timber doors

Load capacity with 2 hinges 60 kg

Adjustable +/-3mm in height and horizontal and +/-1mm gasket pressure



Technical information

a1	a2	b1	b2	b3	c1	c2
18.0	21.0	200.0	168.0	173.0	22.0	25.0

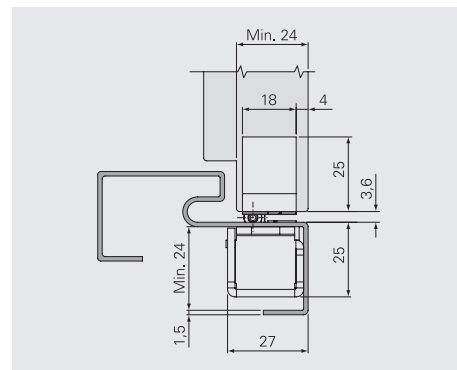
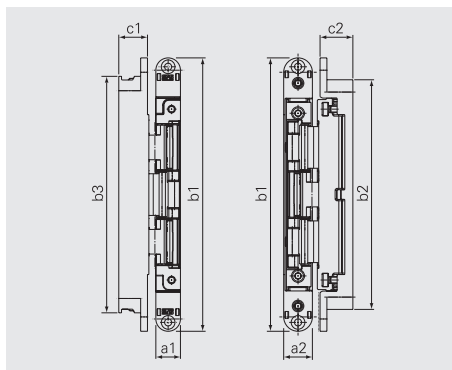
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
WTEC3DSS000VCO	2	Steel / Zamak	Matt Chrome	4	1493626
WTEC3DSS000SZS			Zinc GSS	5	1500689

Jigs/Accessories

Product	Page	Product	Page
Jigs	231	support for cover frame	219

W-Tec 3Ds



Application: W-Tec 3Ds –Concealed hinge for doors with narrow profiles and steel frames

For timber doors

Load capacity with 2 hinges 60 kg

Adjustable +/-3mm in height and horizontal and +/-1mm gasket pressure



Technical information

a1	a2	b1	b2	b3	c1	c2
18.0	21.0	200.0	168.0	173.0	22.0	25.0

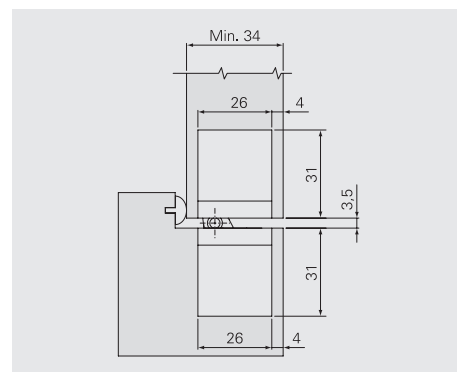
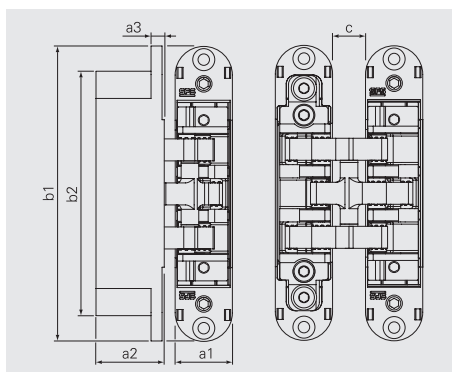
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
WTEC3DSS000VCO	2	Steel / Zamak	Matt Chrome	4	1493626
WTEC3DSS000SZS			Zinc GSS	5	1500689

Jigs/Accessories

Product	Page	Product	Page
Jigs	231	support for steel frame	215

W-Tec 3D+ 60



Application: W-Tec 3D+ 60 –Concealed hinge for doors with solid timber frames

For timber doors

Load capacity with 2 hinges 50 kg

Adjustable +/-3mm in height and horizontal and +/-1mm gasket pressure



Technical information

a1	a2	a3	b1	b2	c
26.0	31.0	6.0	134.0	111.0	15.0

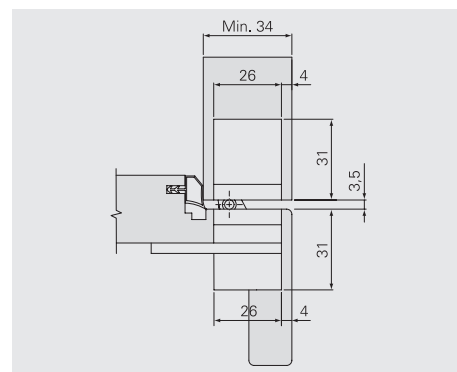
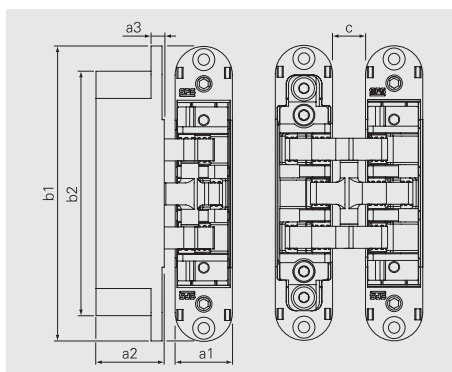
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
WTEC3D60S000VCO	3	Steel / Zamak	Matt Chrome	4	1428632
WTEC3D60S000ZSX			Brushed Matt Chrome	0	1364563
WTEC3D60S000SZS			Zinc GSS	5	1368013

Jigs/Accessories

Product		Page	Product		Page
Jigs		231			

W-Tec 3D+ 60



Application: W-Tec 3D+ 60 –Concealed hinge for doors with cover frames

For timber doors

Load capacity with 2 hinges 50 kg

Adjustable +/-3mm in height and horizontal and +/-1mm gasket pressure



Technical information

a1	a2	a3	b1	b2	c
26.0	31.0	6.0	134.0	111.0	15.0

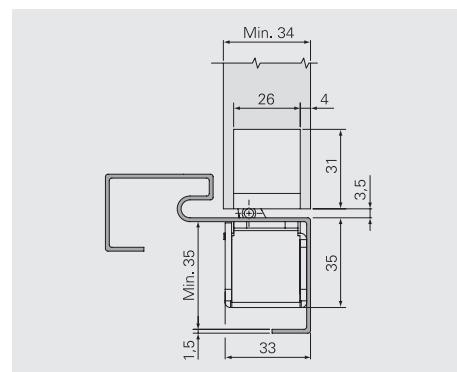
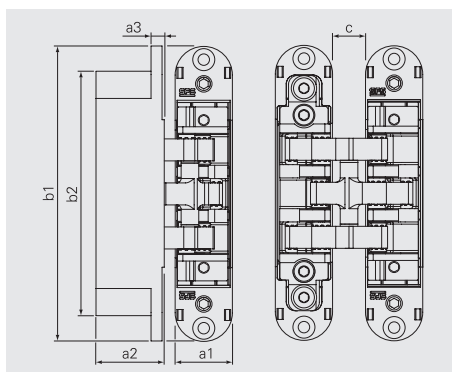
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
WTEC3D60S000VCO	3	Steel / Zamak	Matt Chrome	4	1428632
WTEC3D60S000ZSX			Brushed Matt Chrome	0	1364563
WTEC3D60S000SZS			Zinc GSS	5	1368013

Jigs/Accessories

Product	Page	Product	Page
Jigs	231	support for cover frame	220

W-Tec 3D+ 60



Application: W-Tec 3D+ 60 –Concealed hinge for doors with steel frames

For timber doors

Load capacity with 2 hinges 50 kg

Adjustable +/-3mm in height and horizontal and +/-1mm gasket pressure



Technical information

a1	a2	a3	b1	b2	c
26.0	31.0	6.0	134.0	111.0	15.0

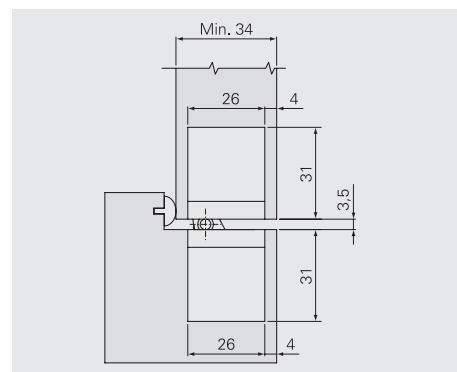
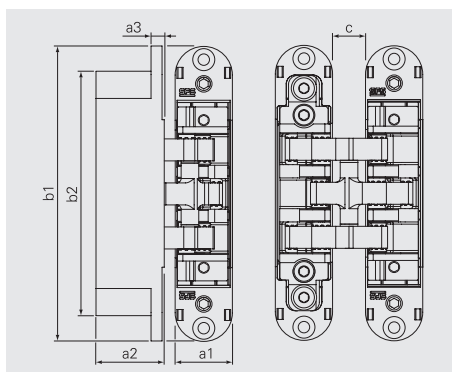
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
WTEC3D60S000VCO	3	Steel / Zamak	Matt Chrome	4	1428632
WTEC3D60S000ZSX			Brushed Matt Chrome	0	1364563
WTEC3D60S000SZS			Zinc GSS	5	1368013

Jigs/Accessories

Product	Page	Product	Page
Jigs	231	support for steel frame	216

W-Tec 3Di 60



Application: W-Tec 3Di 60 –Concealed hinge for doors with solid timber frames

For timber doors

Load capacity with 2 hinges 50 kg

Adjustable +/-3mm in height and horizontal and +/-1mm gasket pressure



Technical information

a1	a2	a3	b1	b2	c
26.0	31.0	6.0	134.0	111.0	15.0

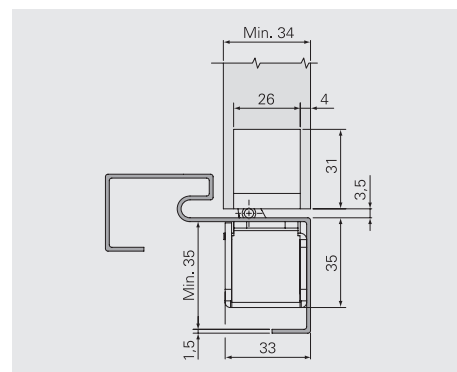
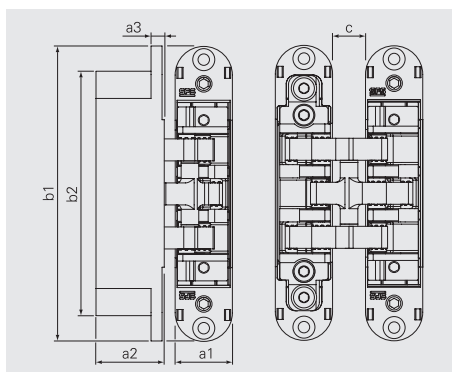
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
WTEC3DI60S000VCO	3	Steel / Zamak	Matt Chrome	4	1365433

Jigs/Accessories

Product		Page	Product		Page
Jigs		231			

W-Tec 3Di 60



Application: W-Tec 3Di 60 –Concealed hinge for doors with steel frames

For timber doors

Load capacity with 2 hinges 50 kg

Adjustable +/-3mm in height and horizontal and +/-1mm gasket pressure



Technical information

a1	a2	a3	b1	b2	c
26.0	31.0	6.0	134.0	111.0	15.0

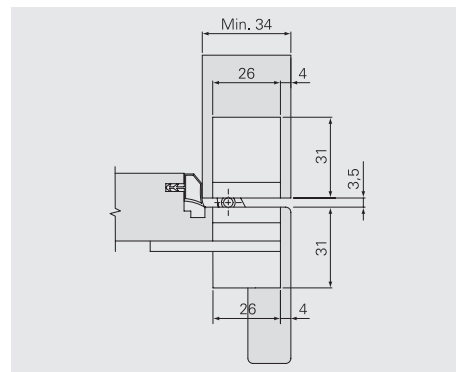
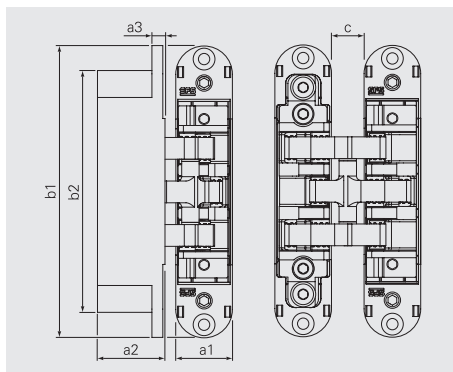
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
WTEC3DI60S000VCO	3	Steel / Zamak	Matt Chrome	4	1365433

Jigs/Accessories

Product	Page	Product	Page
Jigs	231	support for steel frame	216

W-Tec 3Di 60



Application: W-Tec 3Di 60 –Concealed hinge for doors with cover frames

For timber doors

Load capacity with 2 hinges 50 kg

Adjustable +/-3mm in height and horizontal and +/-1mm gasket pressure



Technical information

a1	a2	a3	b1	b2	c
26.0	31.0	6.0	134.0	111.0	15.0

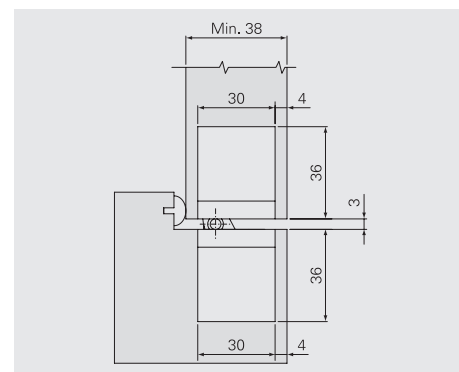
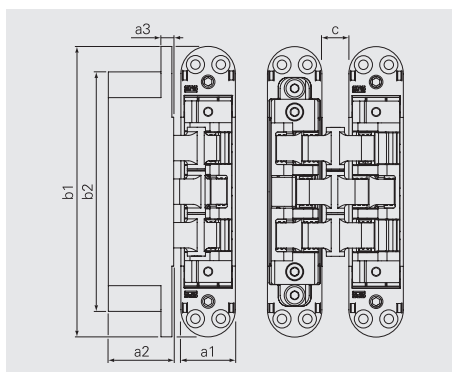
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
WTEC3DI60S000VCO	3	Steel / Zamak	Matt Chrome	4	1365433

Jigs/Accessories

Product	Page	Product	Page
Jigs	231	support for cover frame	220

W-Tec 3D+ 100



Application: W-Tec 3D+ 100 –Concealed hinge for doors with solid timber frames

For timber doors

Load capacity with 2 hinges 80 kg

Adjustable +/-3mm in height and horizontal and +/-1mm gasket pressure



Technical information

a1	a2	a3	b1	b2	c
30.0	36.0	7.0	160.0	132.0	15.0

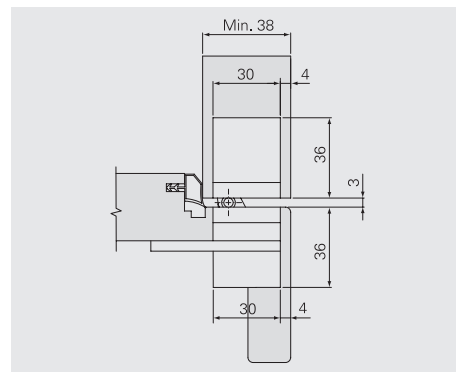
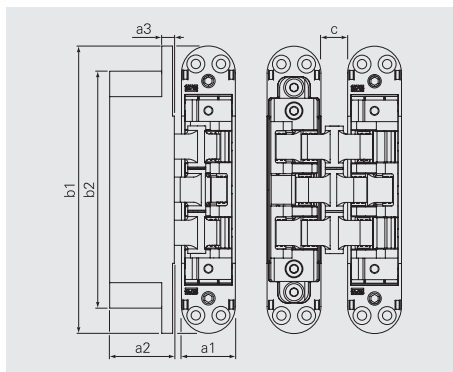
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
WTEC3D100S005VCO	2	Zamak	Matt Chrome	4	1428633
WTEC3D100S005ZSX			Brushed Matt Chrome	0	1363919
WTEC3D100S005SZS			Zinc GSS	5	1367891

Jigs/Accessories

Product		Page	Product		Page
Jigs		231			

W-Tec 3D+ 100



Application: W-Tec 3D+ 100 –Concealed hinge for doors with cover frames

For timber doors

Load capacity with 2 hinges 80 kg

Adjustable +/-3mm in height and horizontal and +/-1mm gasket pressure



Technical information

a1	a2	a3	b1	b2	c
30.0	36.0	7.0	160.0	132.0	15.0

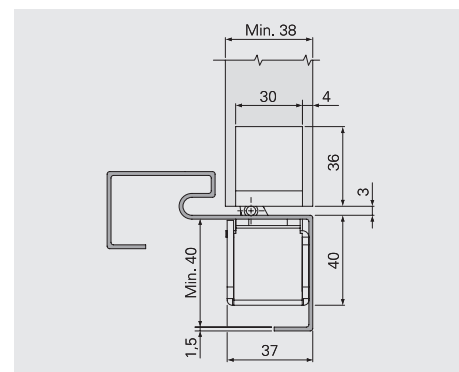
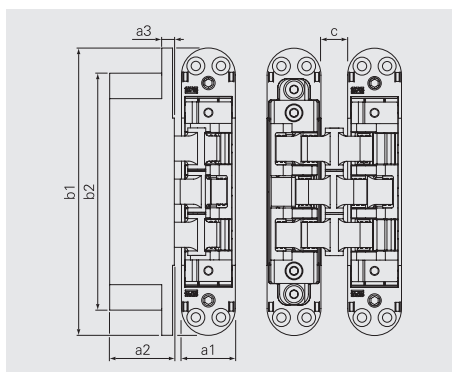
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
WTEC3D100S005VCO	2	Zamak	Matt Chrome	4	1428633
WTEC3D100S005ZSX			Brushed Matt Chrome	0	1363919
WTEC3D100S005SZS			Zinc GSS	5	1367891

Jigs/Accessories

Product	Page	Product	Page
Jigs	231	support for cover frame	221

W-Tec 3D+ 100



Application: W-Tec 3D+ 100 –Concealed hinge for doors with steel frames

For timber doors

Load capacity with 2 hinges 80 kg

Adjustable +/-3mm in height and horizontal and +/-1mm gasket pressure



Technical information

a1	a2	a3	b1	b2	c
30.0	36.0	7.0	160.0	132.0	15.0

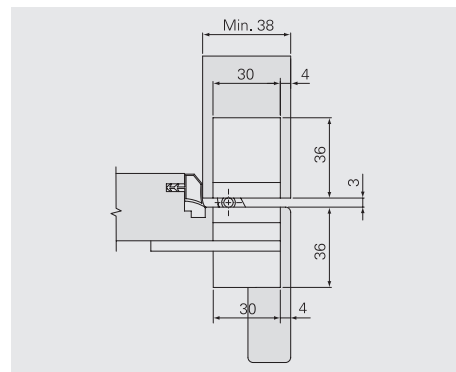
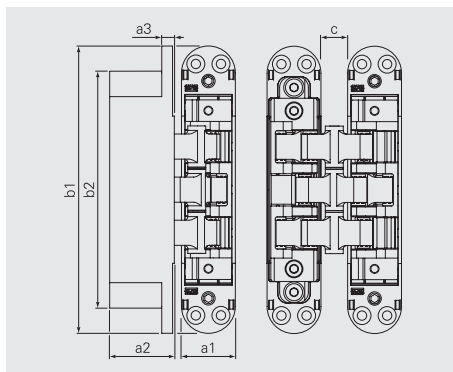
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
WTEC3D100S005VCO	2	Zamak	Matt Chrome	4	1428633
WTEC3D100S005ZSX			Brushed Matt Chrome	0	1363919
WTEC3D100S005SZS			Zinc GSS	5	1367891

Jigs/Accessories

Product	Page	Product	Page
Jigs	231	support for steel frame	217

W-Tec 3Di 100



Application: W-Tec 3Di 100 –Concealed hinge for doors with cover frames

For timber doors

Load capacity with 2 hinges 80 kg

Adjustable +/-3mm in height and horizontal and +/-1mm gasket pressure



Technical information

a1	a2	a3	b1	b2	c
30.0	36.0	7.0	160.0	132.0	15.0

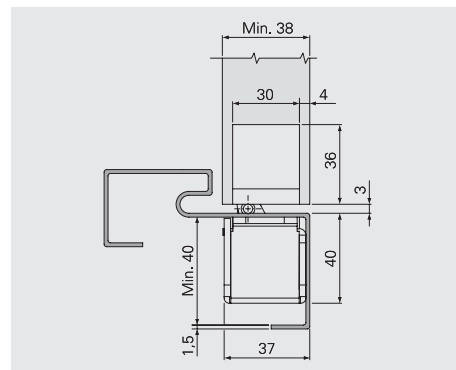
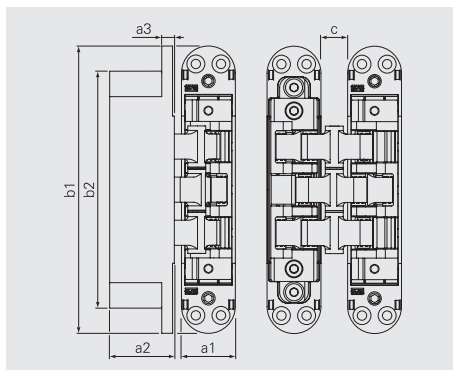
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
WTEC3DI100S000VCO	2	Zamak	Matt Chrome	4	1414801

Jigs/Accessories

Product	Page	Product	Page
Jigs	231	support for cover frame	223

W-Tec 3Di 100



Application: W-Tec 3Di 100 –Concealed hinge for doors with steel frames

For timber doors

Load capacity with 2 hinges 80 kg

Adjustable +/-3mm in height and horizontal and +/-1mm gasket pressure



Technical information

a1	a2	a3	b1	b2	c
30.0	36.0	7.0	160.0	132.0	15.0

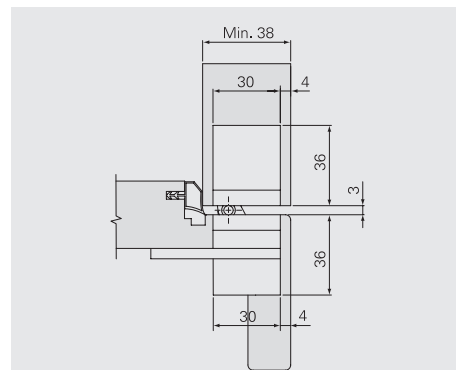
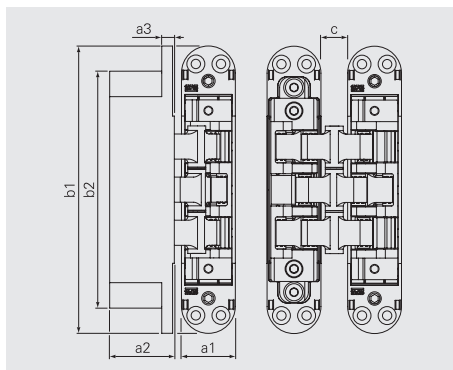
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
WTEC3DI100S000VCO	2	Zamak	Matt Chrome	4	1414801

Jigs/Accessories

Product	Page	Product	Page
Jigs	231	support for steel frame	217

W-Tec 3Di 100



Application: W-Tec 3Di 100 –Concealed hinge for doors with cover frames

For timber doors

Load capacity with 2 hinges 80 kg

Adjustable +/-3mm in height and horizontal and +/-1mm gasket pressure



Technical information

a1	a2	a3	b1	b2	c
30.0	36.0	7.0	160.0	132.0	15.0

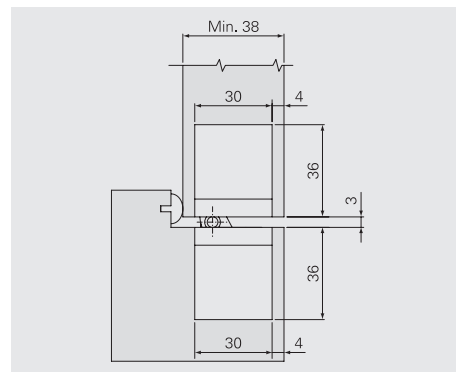
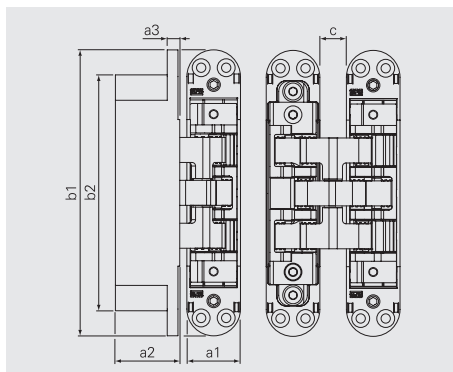
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
WTEC3DI100S000VCO	2	Zamak	Matt Chrome	4	1414801

Jigs/Accessories

Product	Page	Product	Page
Jigs	231	support for cover frame	223

W-Tec 3D+ 160



Application: W-Tec 3D+ 160 –Concealed hinge for doors with solid timber frames

For timber doors

Load capacity with 2 hinges 140 kg

Adjustable +/-3mm in height and horizontal and +/-1mm gasket pressure



Technical information

a1	a2	a3	b1	b2	c
30.0	36.0	7.0	160.0	132.0	15.0

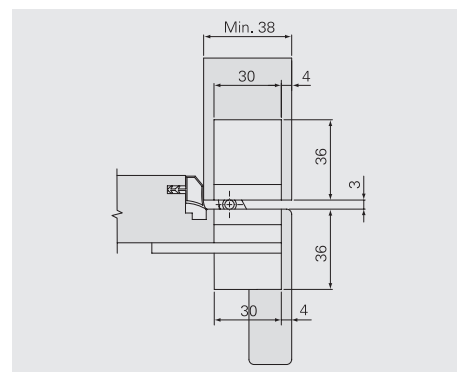
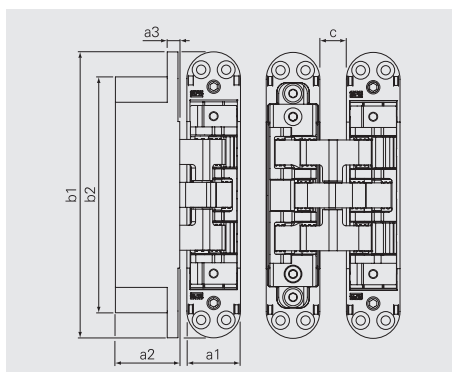
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
WTEC3D160S000VCO	2	Steel / Zamak	Matt Chrome	4	1428631
WTEC3D160S000ZSX			Brushed Matt Chrome	0	1364572
WTEC3D160S000SZS			Zinc GSS	5	1368077

Jigs/Accessories

Product		Page	Product		Page
Jigs		231			

W-Tec 3D+ 160



Application: W-Tec 3D+ 160 –Concealed hinge for doors with cover frames

For timber doors

Load capacity with 2 hinges 140 kg

Adjustable +/-3mm in height and horizontal and +/-1mm gasket pressure



Technical information

a1	a2	a3	b1	b2	c
30.0	36.0	7.0	160.0	132.0	15.0

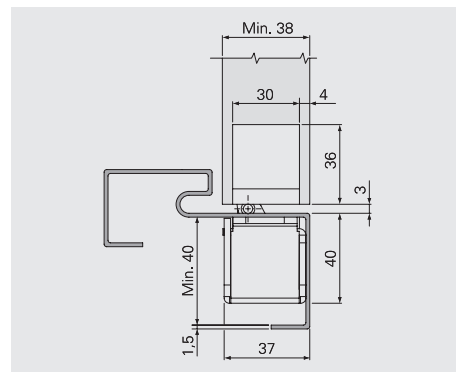
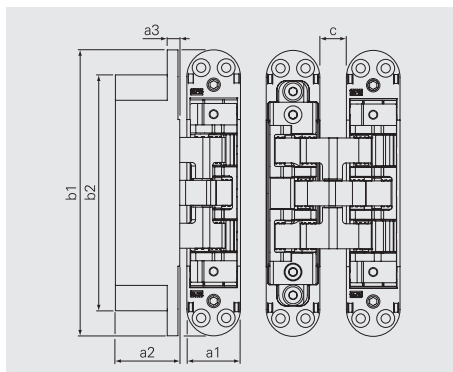
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
WTEC3D160S000VCO	2	Steel / Zamak	Matt Chrome	4	1428631
WTEC3D160S000ZSX			Brushed Matt Chrome	0	1364572
WTEC3D160S000SZS			Zinc GSS	5	1368077

Jigs/Accessories

Product	Page	Product	Page
Jigs	231	support for cover frame	223

W-Tec 3D+ 160



Application: W-Tec 3D+ 160 –Concealed hinge for doors with steel frames

For timber doors

Load capacity with 2 hinges 140 kg

Adjustable +/-3mm in height and horizontal and +/-1mm gasket pressure



Technical information

a1	a2	a3	b1	b2	c
30.0	36.0	7.0	160.0	132.0	15.0

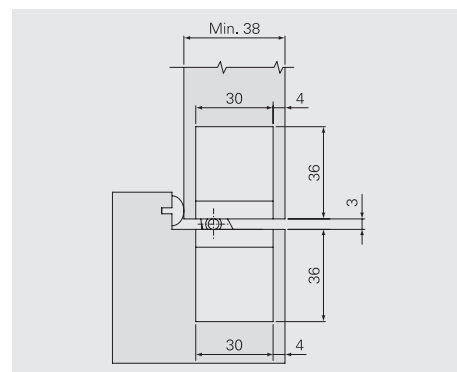
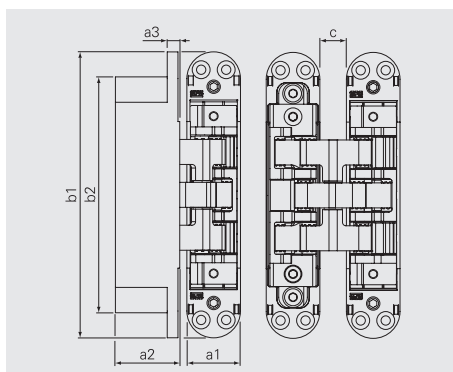
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
WTEC3D160S000VCO	2	Steel / Zamak	Matt Chrome	4	1428631
WTEC3D160S000ZSX			Brushed Matt Chrome	0	1364572
WTEC3D160S000SZS			Zinc GSS	5	1368077

Jigs/Accessories

Product	Page	Product	Page
Jigs	231	support for steel frame	217

W-Tec 3Df 160



Application: W-Tec 3Df 160 –Concealed hinge for doors with solid timber frames - Fire resistance 60min.

For timber doors

Load capacity with 2 hinges 140 kg

Adjustable +/-3mm in height and horizontal and +/-1mm gasket pressure



Technical information

a1	a2	a3	b1	b2	c
30.0	36.0	7.0	160.0	132.0	15.0

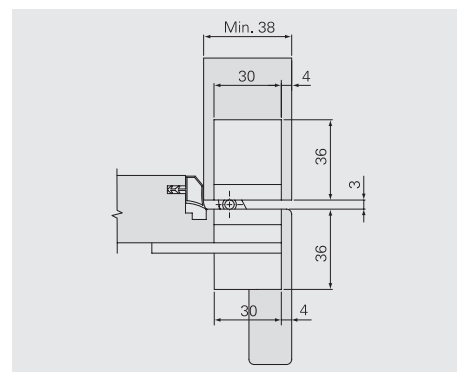
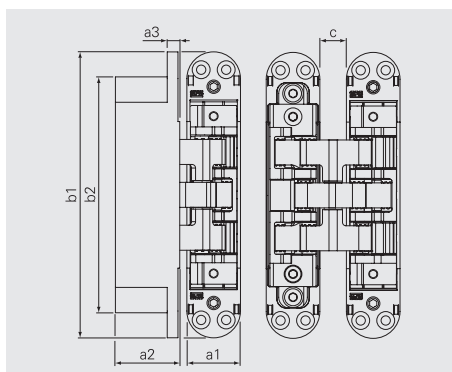
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
WTEC3DF160S000VCO	2	Steel / Zamak	Matt Chrome	4	1481815

Jigs/Accessories

Product	Page	Product	Page
Jigs	231		

W-Tec 3Df 160



Application: W-Tec 3Df 160 –Concealed hinge for doors with cover frames - Fire resistance 60min.

For timber doors

Load capacity with 2 hinges 140 kg

Adjustable +/-3mm in height and horizontal and +/-1mm gasket pressure



Technical information

a1	a2	a3	b1	b2	c
30.0	36.0	7.0	160.0	132.0	15.0

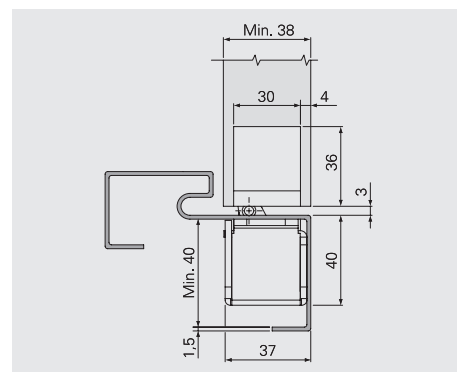
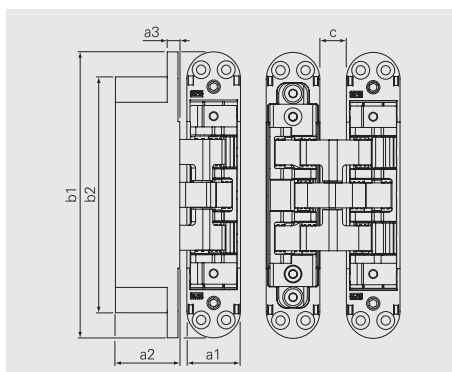
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
WTEC3DF160S000VCO	2	Steel / Zamak	Matt Chrome	4	1481815

Jigs/Accessories

Product	Page	Product	Page
Jigs	231	support for cover frame	223

W-Tec 3Df 160



Application: W-Tec 3D+ 160 –Concealed hinge for doors with steel frames - Fire resistance 60min.

For timber doors

Load capacity with 2 hinges 140 kg

Adjustable +/-3mm in height and horizontal and +/-1mm gasket pressure



Technical information

a1	a2	a3	b1	b2	c
30.0	36.0	7.0	160.0	132.0	15.0

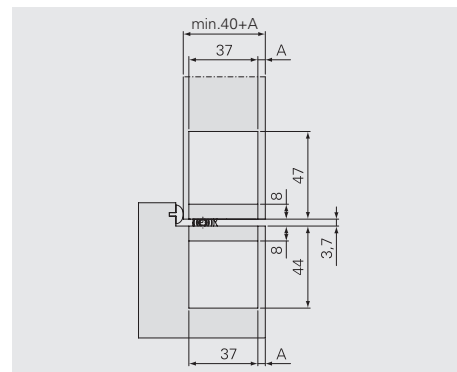
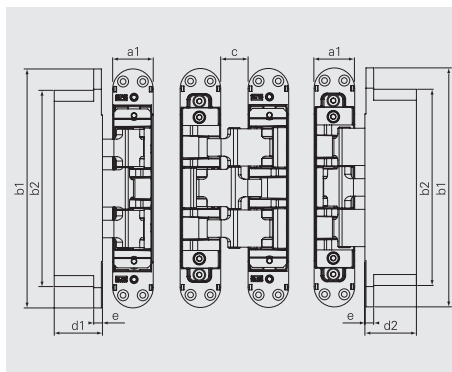
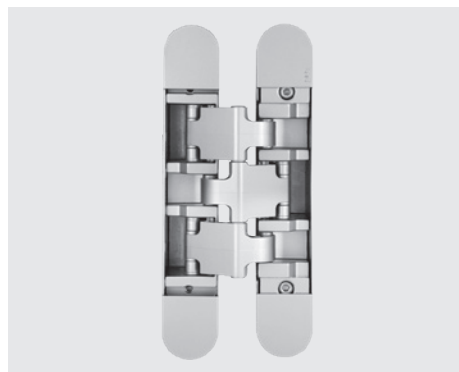
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
WTEC3DF160S000VCO	2	Steel / Zamak	Matt Chrome	4	1481815

Jigs/Accessories

Product	Page	Product	Page
Jigs	231	support for steel frame	217

W-Tec 3DL



Application: W-Tec 3DL –Concealed hinge for doors with solid timber frames

For timber doors

Load capacity with 2 hinges 200 kg

Adjustable +/-3mm in height and horizontal and +/-1mm gasket pressure



Technical information

a1	b1	b2	c	d1	d2	e	A	5min
37.0	218.0	179.0	25.0	44.0	47.0	8.0	4÷8	40+A

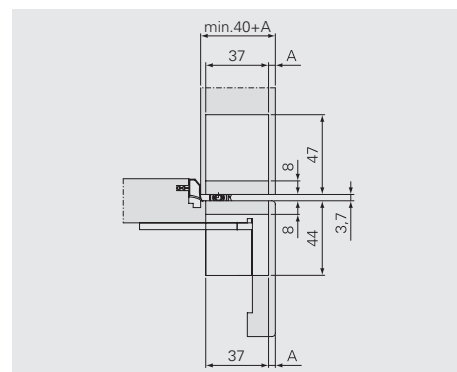
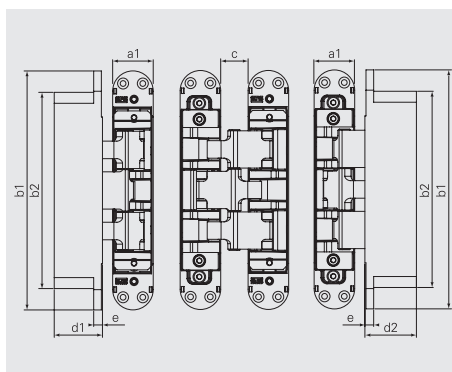
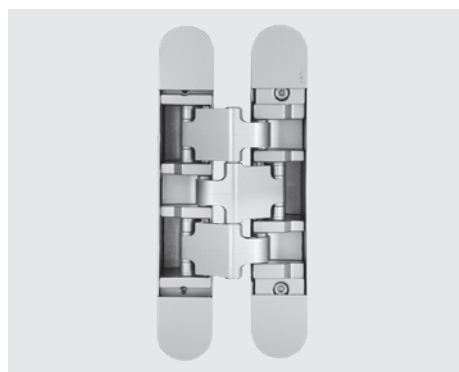
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
WTEC3DLS000SZS	2	Steel / Zamak	Zinc GSS	5	1558802
WTEC3DLS000VCO			Matt Chrome	4	1558801

Jigs/Accessories

Product		Page	Product		Page
Jigs		231			

W-Tec 3DL



Application: W-Tec 3DL – Concealed hinge for doors with cover frames

For timber doors

Load capacity with 2 hinges 200 kg

Adjustable +/-3mm in height and horizontal and +/-1mm gasket pressure



Technical information

a1	b1	b2	c	d1	d2	e	A	5min
37.0	218.0	179.0	25.0	44.0	47.0	8.0	4±8	40+A

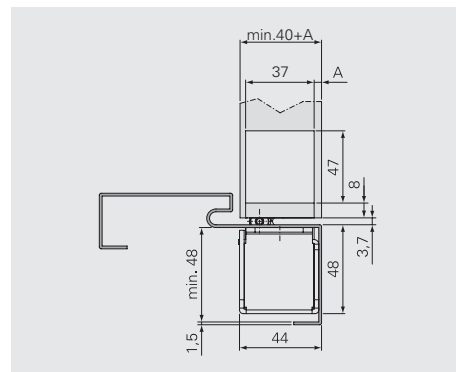
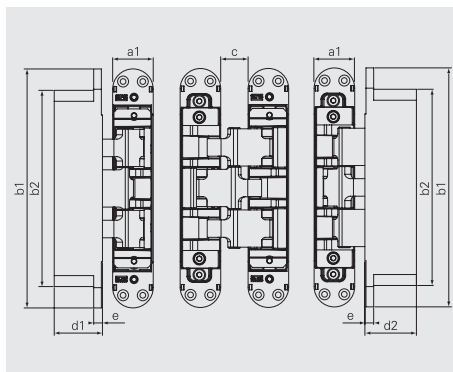
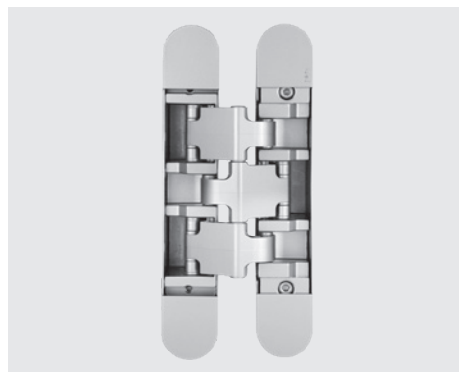
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
WTEC3DLS000SZS	2	Steel / Zamak	Zinc GSS	5	1558802
WTEC3DLS000VCO			Matt Chrome	4	1558801

Jigs/Accessories

Product		Page	Product		Page
Jigs		231	support for cover frame		222

W-Tec 3DL



Application: W-Tec 3DL –Concealed hinge for doors with solid timber frames

For timber doors

Load capacity with 2 hinges 200 kg

Adjustable +/-3mm in height and horizontal and +/-1mm gasket pressure



Technical information

a1	b1	b2	c	d1	d2	e	A	5min
37.0	218.0	179.0	25.0	44.0	47.0	8.0	4÷8	40+A

Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
WTEC3DLS000SZS	2	Steel / Zamak	Zinc GSS	5	1558802
WTEC3DLS000VCO			Matt Chrome	4	1558801

Jigs/Accessories

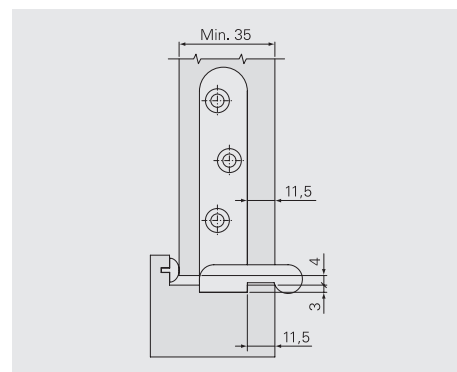
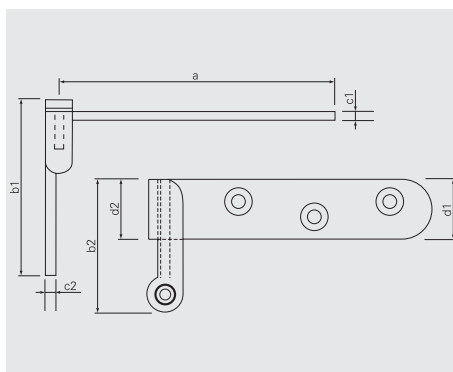
Product		Page	Product		Page
Jigs		231	support for steel frame		218





Pivot hinges for flush fit doors

CAB



Application: CAB-002–Cylindrical pivot hinge

For timber doors

Load capacity per pair 40 kg



Technical information

a	b1	b2	c1	c2	d1	d2
90.0	60.0	43.0	3.0	3.0	20.0	20.0

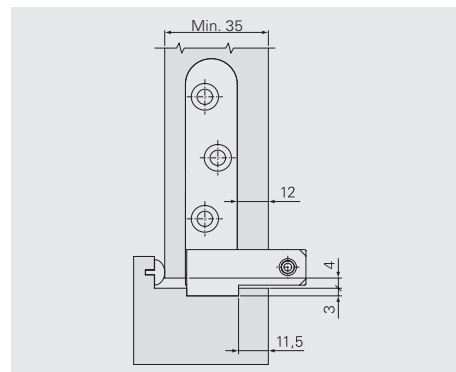
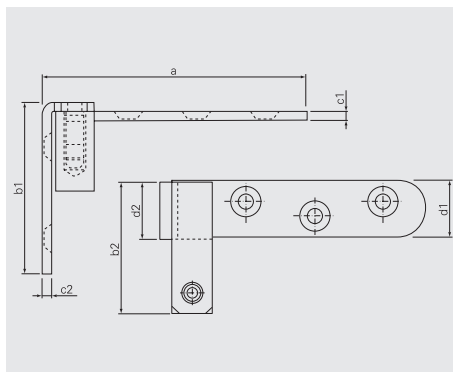
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
CABE002NO	10	Steel	Matt Nickel	2	954008
CABE002MT			Bright Brassed	1	1272496

Jigs/Accessories

Product		Page	Product		Page
Center part		230			

CAB



Application: CAB-022-Square pivot hinge

For timber doors

Load capacity per pair 55 kg



Technical information

a	b1	b2	c1	c2	d1	d2
93.3	60.0	46.5	3.0	3.0	20.0	20.0

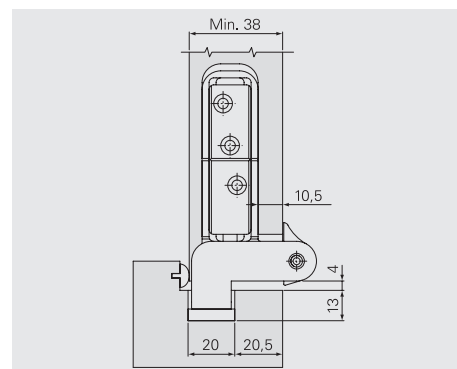
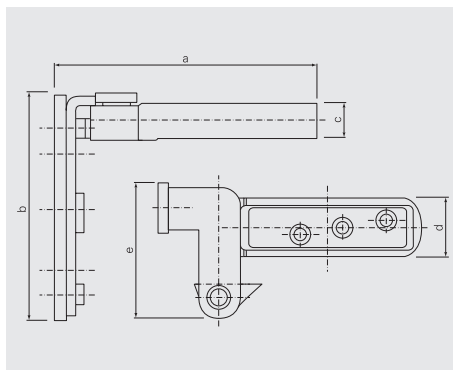
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
CABS022SCO	10	Acciaio	Sandblasted Matt Chrome	1	1272701
CABS022GAM	10		Powder coated Silver Grey	5	1164666

Jigs/Accessories

Product		Page	Product		Page
Center part		230			

CAB-R



Application: CAB-R-000–Adjustable pivot hinge

For timber doors

Load capacity per pair 80 kg

Adjustable +/-3mm in horizontal and +/-1,5mm gasket pressure



Technical information

a	b	c	d	e
110.0	90.0	14.0	24.0	55.0

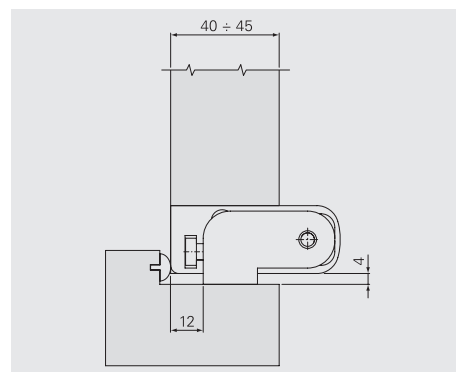
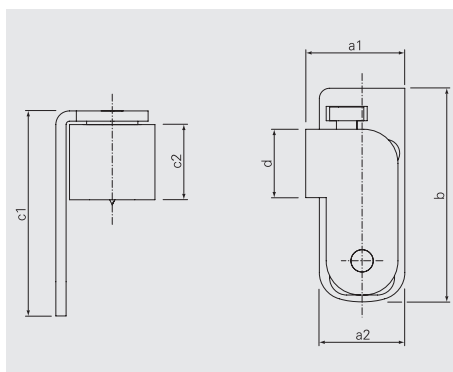
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
CABRF000ZCO	6	Steel / Zamak	Matt Chrome	3	1272070
CABRF000ZSD			Gold	0	516543

Jigs/Accessories

Product	Page	Product	Page
Center part	230	Cover Caps	188

CAB-R 3D



Application: CAB-R 3D-001-Adjustable pivot hinge without milling

For timber doors

Load capacity per pair 80 kg

Adjustable 0/+3mm in height, +/-1,5mm horizontal and +/-2mm gasket pressure

For panels between 40 - 45 mm



Technical information

a1	a2	b	c1	c2	d
29.0	25.0	62.5	60.0	22.0	20.0

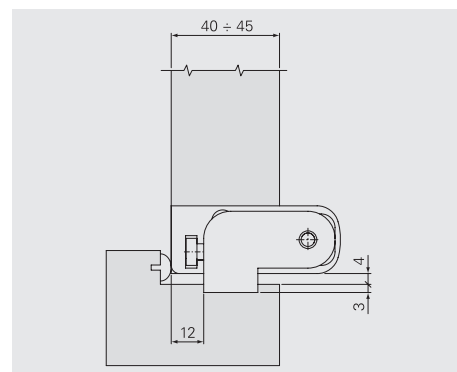
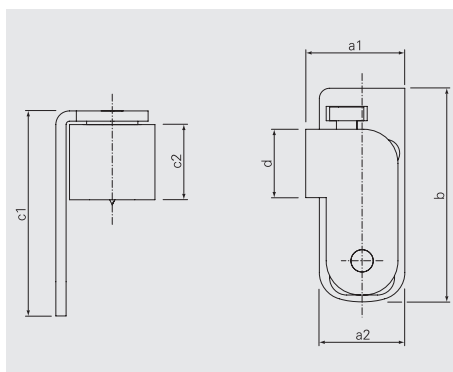
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
CABR3DF001ZCO	6	Steel / Zamak	Matt Chrome	3	1272698

Jigs/Accessories

Product	Page	Product	Page
Center part	230		

CAB-R 3D



Application: CAB-R 3D-002-Adjustable pivot hinge with milling

For timber doors

Load capacity per pair 80 kg

Adjustable 0/+3mm in height, +/-1,5mm horizontal and +/-2mm gasket pressure

For panels between 40 - 45 mm



Technical information

a1	a2	b	c1	c2	d
32.0	25.0	62.5	60.0	22.0	20.0

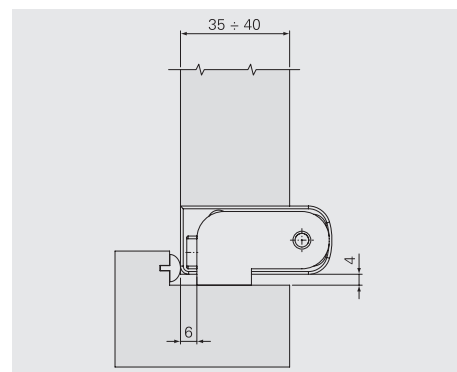
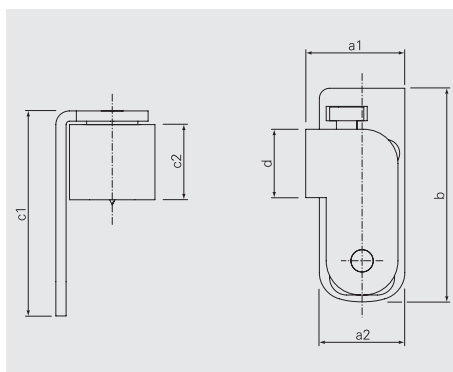
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
CABR3DF002ZCO	6	Steel / Zamak	Matt Chrome	3	1272699

Jigs/Accessories

Product	Page	Product	Page
Center part	230		

CAB-R 3D



Application: CAB-R 3D-003-Adjustable pivot hinge without milling

For timber doors

Load capacity per pair 80 kg

Adjustable 0/+3mm in height, +/-1,5mm horizontal and +/-2mm gasket pressure

For panels between 35 - 40 mm



Technical information

a1	a2	b	c1	c2	d
29.0	25.0	55.5	60.0	22.0	20.0

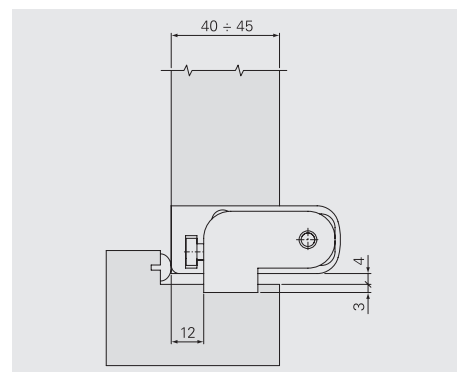
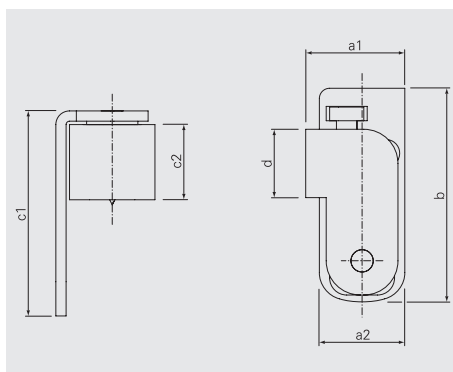
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
CABR3DF003ZCO-KIT	1	Steel / Zamak	Matt Chrome	3	1272805
CABR3DF003ZMT-KIT			Brassed	1	1197702

Jigs/Accessories

Product		Page	Product		Page
Center part		230			

CAB-R 3D



Application: CAB-R 3D-004-Adjustable pivot hinge with milling

For timber doors

Load capacity per pair 80 kg

Adjustable 0/+3mm in height, +/-1,5mm horizontal and +/-2mm gasket pressure

For panels between 35 - 40 mm



Technical information

a1	a2	b	c1	c2	d
32.0	25.0	55.5	60.0	22.0	20.0

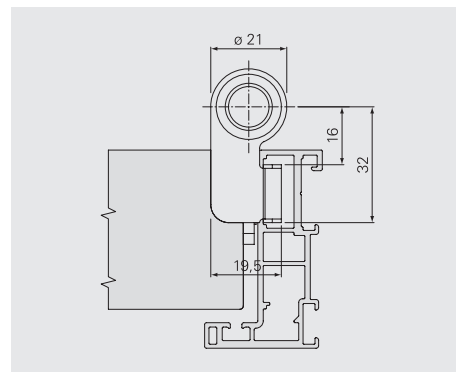
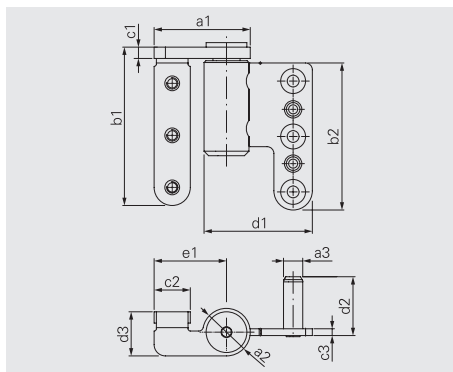
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
CABR3DF004ZCO-KIT	1	Steel / Zamak	Matt Chrome	3	1272806
CABR3DF004ZMT-KIT			Brassed	1	1197705

Jigs/Accessories

Product		Page	Product		Page
Center part		230			

CABR-H



Application: CABR-H-Adjustable pivot hinge for double glazing and aluminium frame

For glass doors and aluminium frames

Load capacity per pair 160 kg

Adjustable 0/+6 mm in height



Technical information

a1	a2	a3	b1	b2	c1	c2	c3	d1	d2	d3	e1
42.5	21.0	8.5	70.0	65.0	5.0	16.0	3.0	47.5	26.0	19.5	32.0

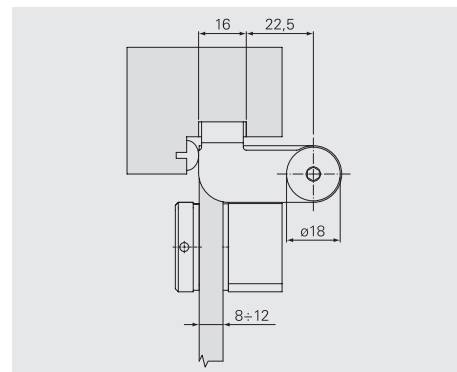
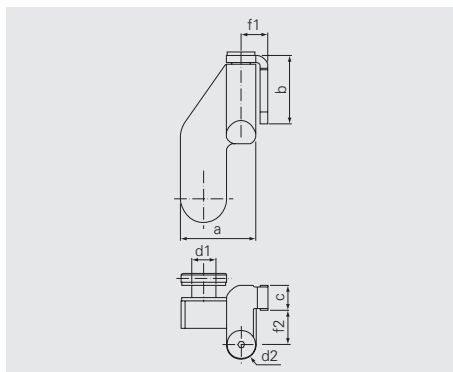
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
CABRHS000VCO left	1	Steel	Matt Chrome	4	1609979
CABRHS001VCO right					1609981

Jigs/Accessories

Product		Page	Product		Page

CAB-V



Application: CAB-V-Pivot hinge for single glazing

For glass doors

Load capacity per pair 100 kg



Technical information

a	b	c	d1	d2	f1	f2
49.0	45.0	16.0	15.8	9.5	17.5	22.5

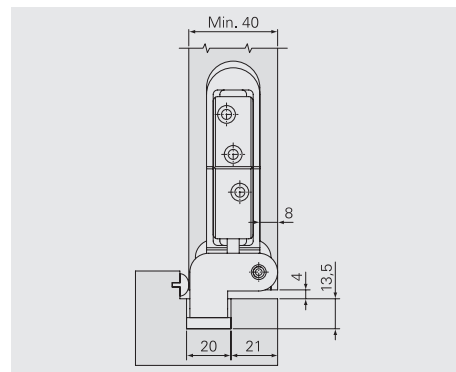
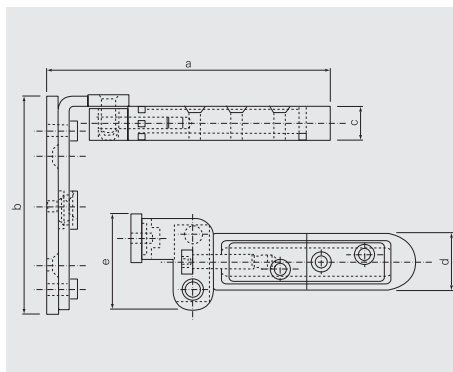
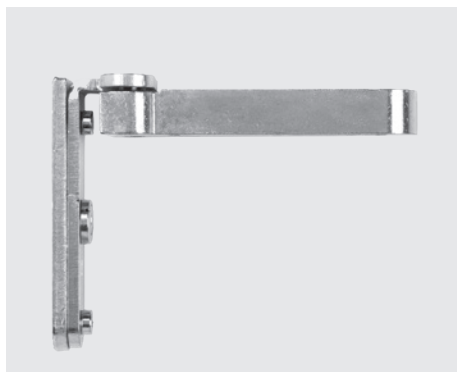
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
CABVS000ACA left	1	Steel	Matt Chrome	4	1617488
CABVS001ACA right					1617545

Jigs/Accessories

Product		Page	Product		Page

CIR-03



Application: CIR-003 –Invisible and adjustable pivot hinge (opening 110°)

For timber doors

Load capacity per pair 80 kg

Adjustable +/-3mm horizontal and +/-1,5mm gasket pressure



Technical information

a	b	c	d	e
117.5	90.0	14.0	24.0	41.0

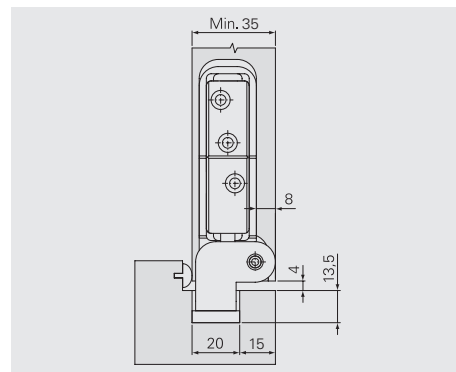
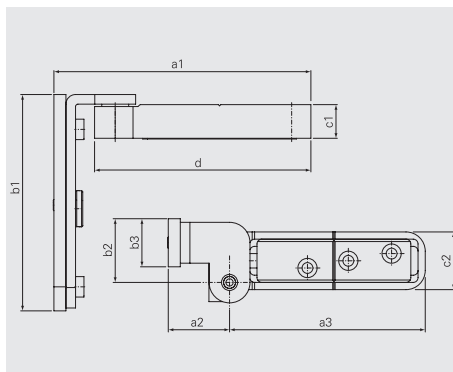
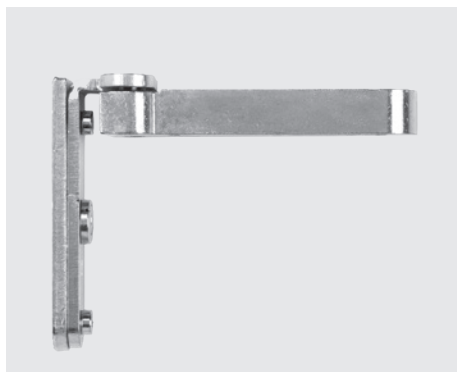
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
CIRF003SZ	6	Steel / Zamak	Zinc	3	1272272

Jigs/Accessories

Product	Page	Product	Page
Center part	230	Cover caps	188

CIR-016



Application: CIR-016 –Invisible and adjustable pivot hinge (opening 110°)

For timber doors

Load capacity per pair 80 kg

Adjustable +/-3mm horizontal and +/-1,5mm gasket pressure



Technical information

a1	a2	a3	b1	b2	b3	c1	c2	d
107.5	25.5	82.0	90.0	26.5	20.0	14.0	24.0	90.0

Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
CIRF016SZ	6	Steel / Zamak	Zinc	3	1392684

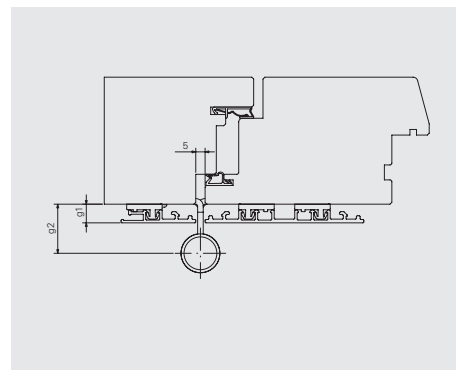
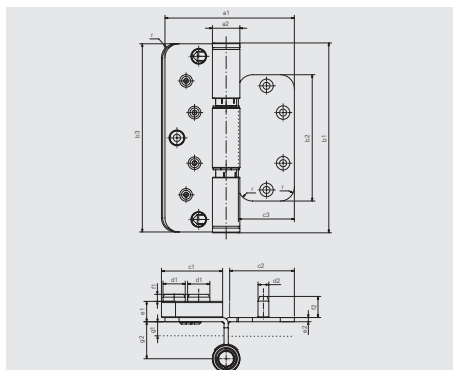
Jigs/Accessories

Product	Page	Product	Page
Center part	230	Cover caps	188



Hinges for timber doors and aluminium cladding

Dynamic 2D-TA



Application: Dynamic 2D-TA-Hinge for aluminium thickness 10 ÷ 14mm

For timber doors and windows with aluminium cover

Load capacity with 3 hinges 100 kg

Adjustable ± 4 mm in height e $\pm 2,0$ mm horizontal



Technical information

a1	a2	b1	b2	b3	c1	c2	c3	d1	d2	e1	e2	f1	f2	g1	g2	r
92,0	20,0	135,0	89,8	133,8	43,5	46,0	39,8	15,8	7,7	14,5	3,0	5,0	15,0	10-14	26,3	10,0

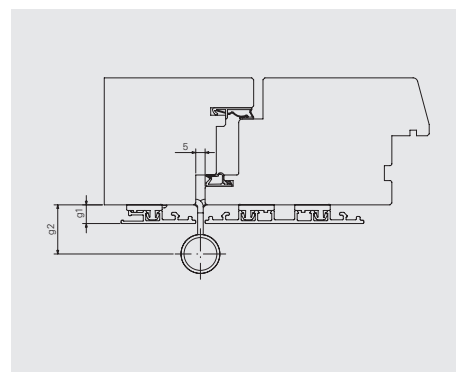
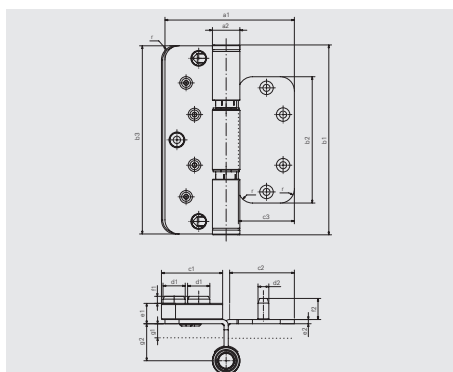
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
D2DTA20F000GAM	3	Steel/Zamak	Powder coated Silver Grey	5	1674120
Caps					
D3D20FKITASX	6	Aluminium	Brushed Stainless Steel Effect		1678377
D3D20FKITBS			Powder coated White		1567388
D3D20FKITGAM			Powder coated Silver Grey		1567421
D3D20FKITPFG			Powder coated Titanium Grey		1567653
D3D20FKITMPN			Black RAL 9005 Matt		1633595
D3D20FKITVBL			Light Bronzed		1594004

Jigs/Accessories

Product		Page	Product		Page
Jigs		230			

Dynamic 2D-TA



Application: Dynamic 2D-TA-Hinge for aluminium thickness 15 ÷ 18,5mm

For timber doors and windows with aluminium cover

Load capacity with 3 hinges 80 kg

Adjustable ± 4 mm in height e $\pm 2,0$ mm horizontal



Technical information

a1	a2	b1	b2	b3	c1	c2	c3	d1	d2	e1	e2	f1	f2	g1	g2	r
92,0	20,0	135,0	89,8	133,8	43,5	46,0	39,8	15,8	7,7	14,5	3,0	5,0	15,0	14,5-18,5	31,3	10,0

Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
D2DTA20F002GAM	3	Steel/Zamak	Powder coated Silver Grey	5	1674130
Caps					
D3D20FKITASX	6	Aluminium	Brushed Stainless Steel Effect		1678377
D3D20FKITBS			Powder coated White		1567388
D3D20FKITGAM			Powder coated Silver Grey		1567421
D3D20FKITPFG			Powder coated Titanium Grey		1567653
D3D20FKITMPN			Black RAL 9005 Matt		1633595
D3D20FKITVBL			Light Bronzed		1594004

Jigs/Accessories

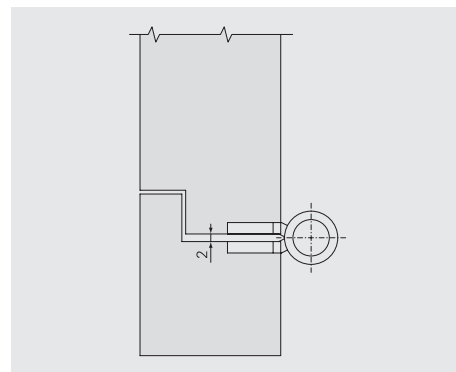
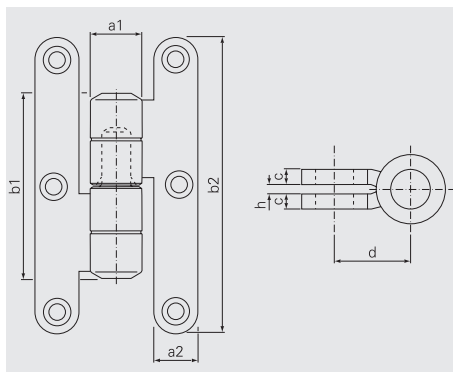
Product		Page	Product		Page
Jigs		230			





Hinges for shutters

20 Ø 14



Application: 20-14-028/29-2 part hinge for third wing

For shutters

Load capacity with 2 hinges 30 kg



Technical information

a1	a2	b1	b2	c	d	h
14.0	12.0	50.4	80.0	3.0	16.0	2.0

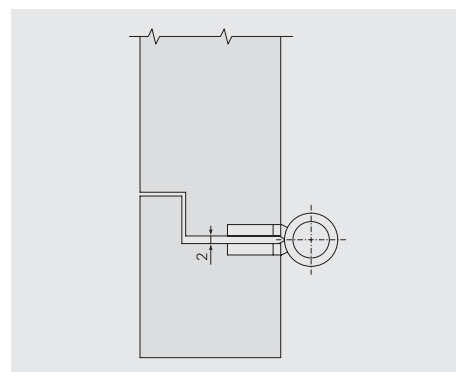
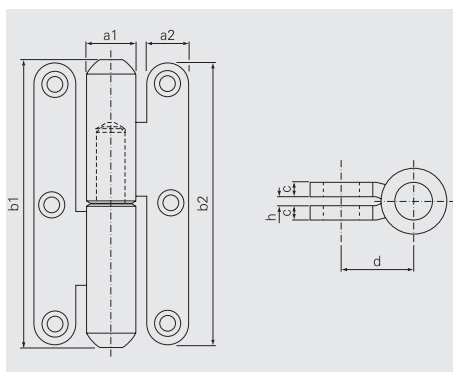
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
2014F028MPN left	50	Steel	Black RAL 9005 Matt	5	821508
2014F029MPN right					821510

Jigs/Accessories

Product		Page	Product		Page

10L Ø 14



Application: 10L-14-016/17-2 part hinge, long for third wing

For shutters

Load capacity with 2 hinges 30 kg



Technical information

a1	a2	b1	b2	c	d	h
14.0	12.0	82.0	80.0	3.0	16.0	2.0

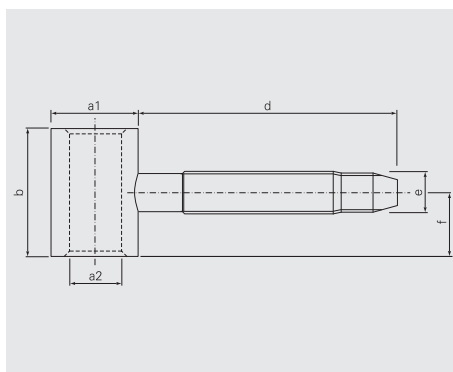
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
10L14E016MPN left	50	Steel	Black RAL 9005 Matt	5	821504
10L14E017MPN right					821506

Jigs/Accessories

Product		Page	Product		Page

175-18-L12



Application: 175 Ø 18 –Sash part

For shutters

Stud Ø 9,6x60



Technical information

a1	a2	b	d	e	f
18.0	10.0	32.0	60.0	9.6	16.0

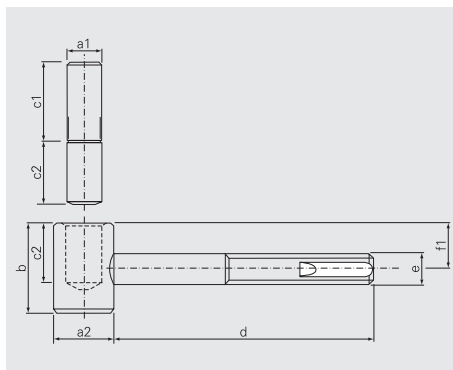
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
17518EL12MPN	40	Steel	Black RAL 9005 Matt	5	1272414

Abinamenti/Jigs/Accessories

Product		Page	Product		Page
175 Ø 18 pin Ø 10		173			

175-18-MR-06



Application: 175 Ø 18 –Frame part

For shutters
Stud Ø 10x90



Technical information

a1	a2	b	c1	c2	d	e	f1
10.0	18.0	30.0	29.0	21.0	90.0	10.0	15.0

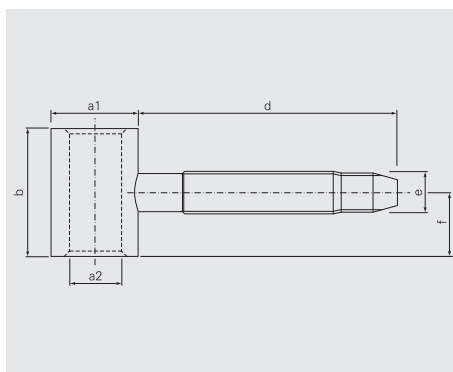
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
17518EMR06MPN	40	Steel	Black RAL 9005 Matt	5	671175

Jigs/Accessories

Product	Page	Product	Page
175 Ø 18 Sash part	172	Cover	225

175-20-L10



Application: 175 Ø 20 –Sash part

For shutters
Stud Ø 9,6x60



Technical information

a1	a2	b	d	e	f
20.0	12.0	30.0	60.0	9.6	15.0

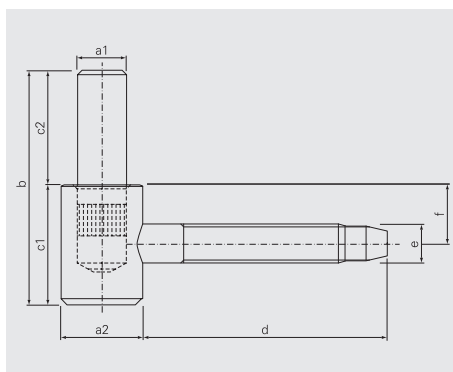
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
17520EL10PNB	40	Steel	Powder coated Hammered Black	5	1099888
17520EL10MPN			Black RAL 9005 Matt		1272162

Combinations/Jigs/Accessories

Product	Page	Product	Page
175 Ø 20 pin Ø 12	175-186	Cover	225

175-20-M14



Application: 175 Ø 20 –Frame part for solid timber

For shutters

Stud Ø 9,8x60



Technical information

a1	a2	b	c1	c2	d	e	f1
12.0	20.0	58.0	30.0	28.0	60.0	9.8	15.0

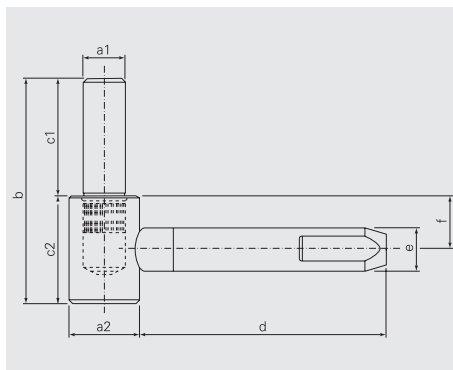
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
17520EM14PNB	40	Steel	Powder coated Hammered Black	5	1120406
17520EM14MPN			Black RAL 9005 Matt		1272314

Jigs/Accessories

Product	Page	Product	Page
175 Ø 20 Sash part	174	Cover	225

175-20-MB112



Application: 175 Ø 20 –Frame part

For shutters

Stud Ø 12x70



Technical information

a1	a2	b	c1	c2	d	e	f
12.0	20.0	63.0	33.0	30.0	70.0	12.0	15.0

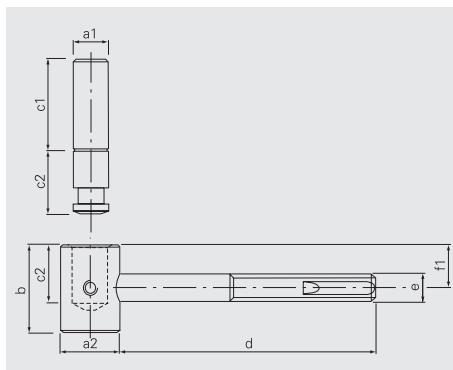
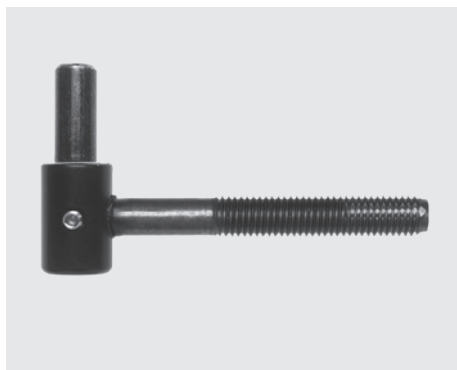
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
17520EM112PNB	40	Steel	Powder coated Hammered Black	5	1276716
17520EM112MPN			Black RAL 9005 Matt		1261225

Combinations/Jigs/Accessories

Product	Page	Product	Page
175 Ø 20 Sash part	174	Cover	226

175-20-M16



Application: 175 Ø 20 –Frame part with security screw

For shutters
Stud Ø 12x90



Technical information

a1	a2	b	c1	c2	d	e	f1
12.0	20.0	30.0	27.6	21.4	90.0	12.0	15.0

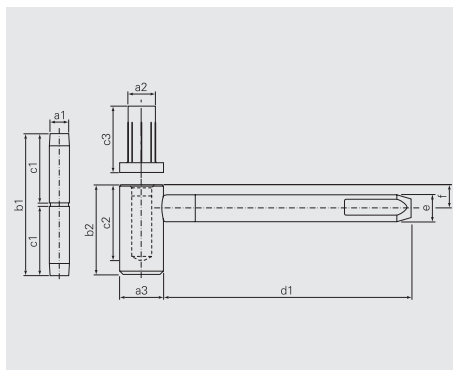
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
17520EM16PNB	40	Steel	Powder coated Hammered Black	5	1113220
17520EM16MPN			Black RAL 9005 Matt		855553

Jigs/Accessories

Product		Page	Product		Page
175 Ø 20 Sash part		174	Cover		226

175-20-MB95



Application: 175 Ø 20 –Frame part with security bush

For shutters

Stud Ø 12x90



Technical information

a1	a2	a3	b1	b2	c1	c2	c3	d1	e	f
9.0	12.0	20.0	63.5	40.0	31.0	32.0	29.5	90.0	12.0	10.5

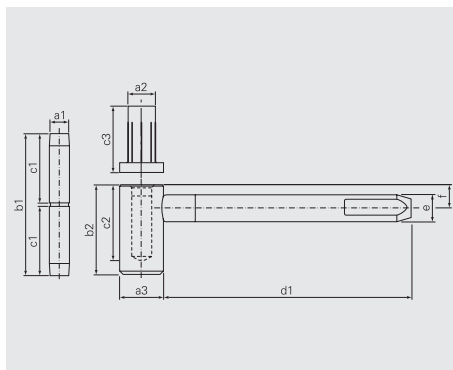
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
17520EMB95PNB	40	Steel	Powder coated Hammered Black	5	1164993
17520EMB95MPN			Black RAL 9005 Matt		1272715

Combinations/Jigs/Accessories

Product		Page	Product		Page
175 Ø 20 Sash part		174	Cover		226

175-20-MB97



Application: 175 Ø 20 –Frame part with security bush

For shutters

Stud Ø 12x120



Technical information

a1	a2	a3	b1	b2	c1	c2	c3	d1	e	f	
9.0	12.0	20.0	63.5	40.0	31.0	32.0	29.5	120.0	12.0	10.5	

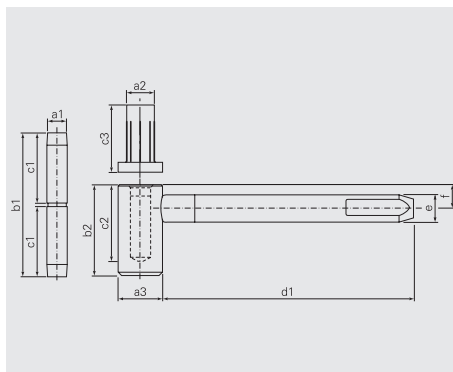
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
17520EMB97PNB	40	Steel	Powder coated Hammered Black	5	1164998
17520EMB97MPN			Black RAL 9005 Matt		1272715

Combinations/Jigs/Accessories

Product		Page	Product		Page
175 Ø 20 Sash part		174	Cover		226

175-20-MB96



Application: 175 Ø 20 –Frame part with security bush

For shutters

Stud Ø 12x140



Technical information

a1	a2	a3	b1	b2	c1	c2	c3	d1	e	f
9.0	12.0	20.0	63.5	40.0	31.0	32.0	29.5	140.0	12.0	10.5

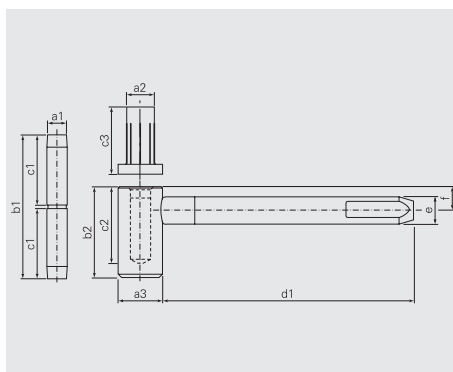
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
17520EMB96PNB	40	Steel	Powder coated Hammered Black	5	1165000
17520EMB96MPN			Black RAL 9005 Matt		1272716

Combinations/Jigs/Accessories

Product		Page	Product		Page
175 Ø 20 Sash part		174	Cover		226

175-20-MB98



Application: 175 Ø 20 –Frame part with security bush

For shutters

Stud Ø 12x160



Technical information

a1	a2	a3	b1	b2	c1	c2	c3	d1	e	f
9.0	12.0	20.0	63.5	40.0	31.0	32.0	29.5	160.0	12.0	10.5

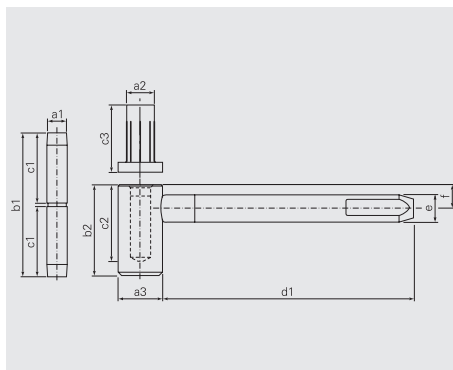
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
17520EMB98PNB	40	Steel	Powder coated Hammered Black	5	1165039
17520EMB98MPN			Black RAL 9005 Matt		1272717

Combinations/Jigs/Accessories

Product		Page	Product		Page
175 Ø 20 Sash part		174	Cover		226

175-20-MB100



Application: 175 Ø 20 –Frame part with security bush

For shutters

Stud Ø 12x180



Technical information

a1	a2	a3	b1	b2	c1	c2	c3	d1	e	f
9.0	12.0	20.0	63.5	40.0	31.0	32.0	29.5	180.0	12.0	10.5

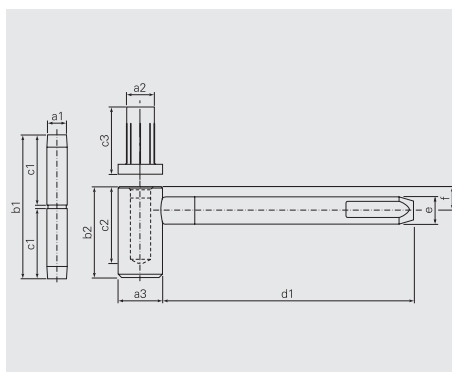
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
17520EMB100PNB	40	Steel	Powder coated Hammered Black	5	1183091
17520EMB100MPN			Black RAL 9005 Matt		1272763

Combinations/Jigs/Accessories

Product		Page	Product		Page
175 Ø 20 Sash part		174	Cover		226

175-20-MB101



Application: 175 Ø 20 –Frame part with security bush

For shutters

Stud Ø 16x200



Technical information

a1	a2	a3	b1	b2	c1	c2	c3	d1	e	f
9.0	12.0	20.0	63.5	40.0	31.0	32.0	29.5	200.0	16.0	10.5

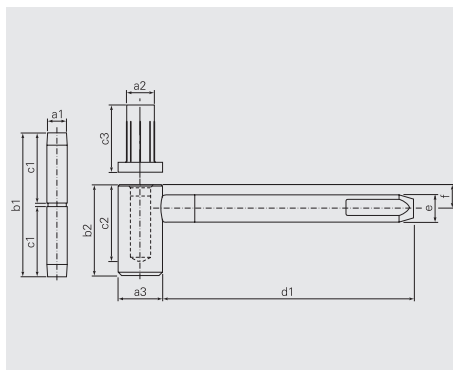
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
17520EMB101PNB	40	Steel	Powder coated Hammered Black	5	1183092
17520EMB101MPN			Black RAL 9005 Matt		1272764

Combinations/Jigs/Accessories

Product		Page	Product		Page
175 Ø 20 Sash part		174	Cover		226

175-20-MB102



Application: 175 Ø 20 –Frame part with security bush

For shutters

Stud Ø 16x220



Technical information

a1	a2	a3	b1	b2	c1	c2	c3	d1	e	f	
9.0	12.0	20.0	63.5	40.0	31.0	32.0	29.5	220.0	16.0	10.5	

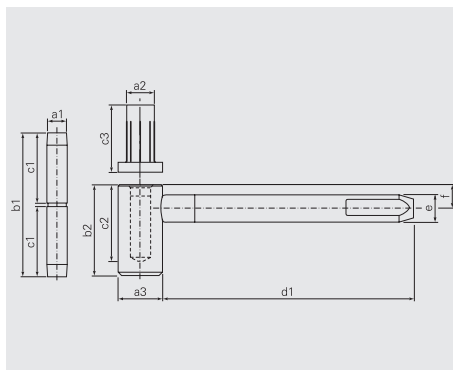
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
17520EMB102PNB	40	steel	Powder coated Hammered Black	5	1183096
17520EMB102MPN			Black RAL 9005 Matt		1272765

Jigs/Accessories

Product		Page	Product		Page
175 Ø 20 Sash part		174	Cover		227

175-20-MB103



Application: 175 Ø 20 –Frame part with security bush

For shutters

Stud Ø 16x240



Technical information

a1	a2	a3	b1	b2	c1	c2	c3	d1	e	f
9.0	12.0	20.0	63.5	40.0	31.0	32.0	29.5	240.0	16.0	10.5

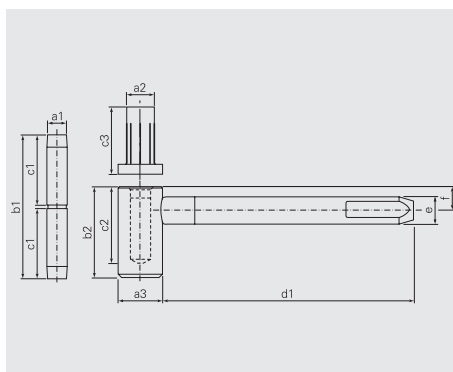
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
17520EMB103MPN		Steel	Black RAL 9005 Matt		1272766

Jigs/Accessories

Product	Page	Product	Page
175 Ø 20 Sash part	174	Cover	227

175-20-MB104



Application: 175 Ø 20 –Frame part with security bush

For shutters

Stud Ø 16x260



Technical information

a1	a2	a3	b1	b2	c1	c2	c3	d1	e	f
9.0	12.0	20.0	63.5	40.0	31.0	32.0	29.5	260.0	16.0	10.5

Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
17520EMB104PNB	40	Steel	Powder coated Hammered Black	5	1183100
17520EMB104MPN			Black RAL 9005 Matt		1272767

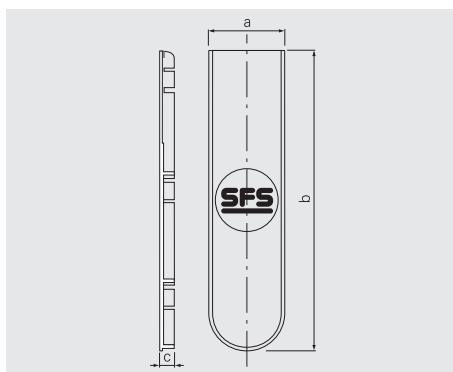
Jigs/Accessories

Product	Page	Product	Page
175 Ø 20 Sash part	174	Cover	227



Accessories and Jigs

CIR-C-00



Application: CIR-C-00 –Cover caps for pivot hinges

For CAB-R, CIR-03 and CIR-016



Technical information

a	b	c
22.0	87.0	4.0

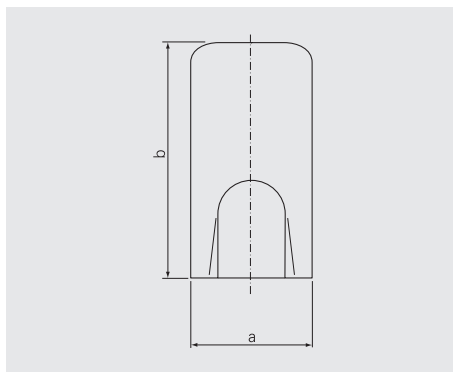
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
CIRFC03TA	12	ABS	White RAL 9010	5	768006
CIRFC03TC			Chrome		766667
CIRFC03TCO			Matt Chrome		1100909
CIRFC03TM			Brown		768007
CIRFC03TS			Black RAL 9005		771111
CIRFC03TE			Brassed		766666

Jigs/Accessories

Product		Page	Product		Page

180-13-C01



Application: 180 Ø 13 –Flat caps

For hinge 20 Ø 13



Technical information

a	b
13.9	27.0

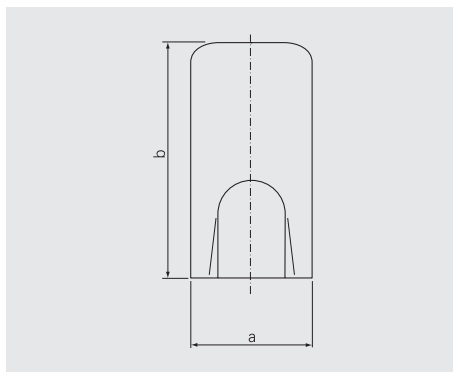
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
18013FC01AKC	50	Aluminium	Light Bronzed		755489
18013FC01ACA			Matt Chrome		935932
18013FC01ANL			Bright Nickel		914055
18013FC01ANO			Matt Nickel		914056
18013FC01AEL			Brassed		914054

Jigs/Accessories

Product		Page	Product		Page

180-14-C01



Application: 180Ø 14 –Flat caps

For hinge 20 Ø 14



Technical information

a	b
14.8	29.0

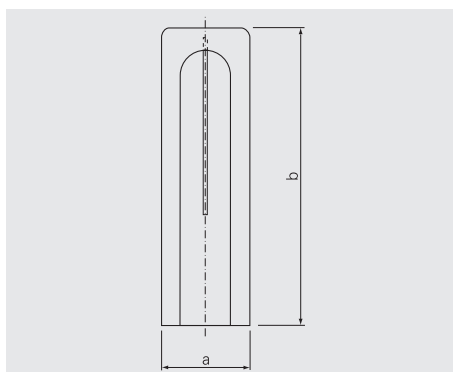
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
18014FC01AKC	50	Aluminium	Light Bronzed		755490
18014FC01ACA			Matt Chrome		935948
18014FC01ANL			Bright Nickel		910473
18014FC01ANO			Matt Nickel		910474
18014FC01AEL			Brassed		910471

Jigs/Accessories

Product		Page	Product		Page

180-14R-C00



Application: 180 Ø 14 –Flat caps

For adjustable hinges 11R Ø 14



Technical information

a	b
16.8	43.0

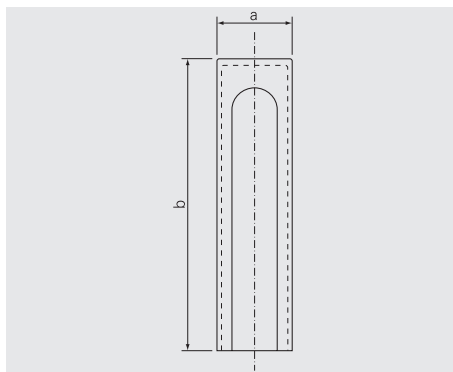
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
18014RFC00TA	50	ABS	White RAL 9010		889815
18014RFC00TM			Brown		889818
18014RFC00TS			Black RAL 9005		889816

Jigs/Accessories

Product		Page	Product		Page

180-14R-C02



Application: 180 Ø 14 –Flat caps

For adjustable hinges 11R Ø 14



Technical information

a	b
14.9	44.6

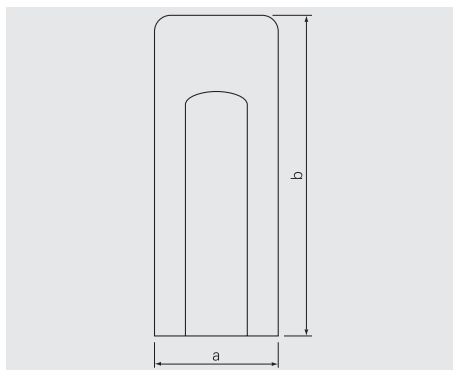
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
18014RFC02AKC	50	Aluminium	Light Bronzed		708258
18014RFC02ACA			Matt Chrome		936050
18014RFC02ANL			Bright Nickel		929969
18014RFC02ANO			Matt Nickel		929970
18014RFC02AEL			Brassed		929967

Jigs/Accessories

Product		Page	Product		Page

180-15-FC02



Application: 180 Ø 15 –Cover cap

For hinge 169 Ø 15 frame part



Technical information

a	b
15.7	40.5

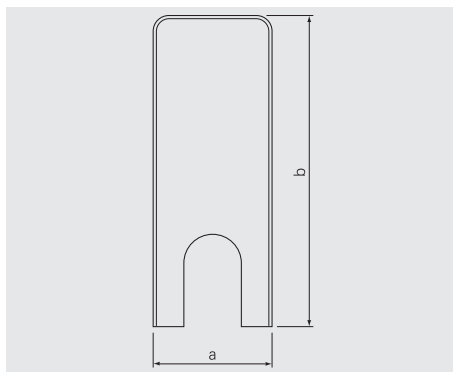
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
18015FFC02AKC	50	Aluminium	Light Bronzed		712551
18015FFC02ALN			Natural Silver		997677
18015FFC02AOB			Gold		997673

Jigs/Accessories

Product		Page	Product		Page

180-15-MC02



Application: 180 Ø 15 –Cover cap

For hinge 169 Ø 15 sash part



Technical information

a	b
15.7	40.5

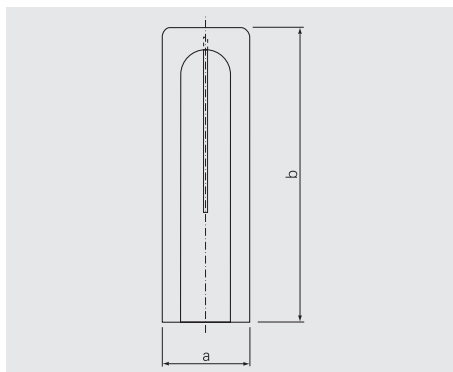
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
18015MFC02AKC	50	Aluminium	Light Bronzed		712556
18015MFC02ALN			Matt Chrome		997881

Jigs/Accessories

Product		Page	Product		Page

180-15R-C16



Application: 180 Ø 15 –Flat caps

For adjustable hinges 11R Ø 15x92



Technical information

a	b
17.8	49.0

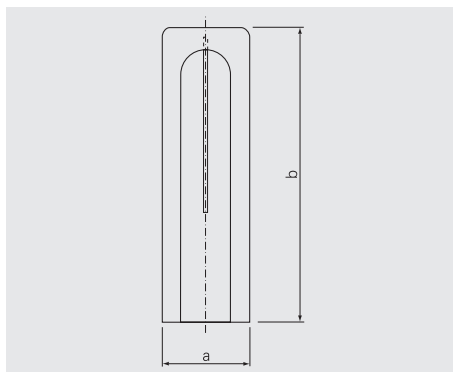
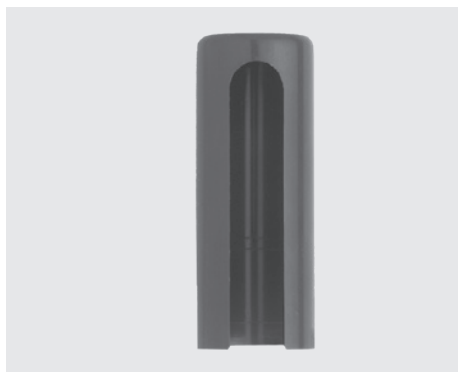
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
18015RFC16TA	50	ABS	White RAL 9010		298642
18015RFC16TM			Brown		298641

Jigs/Accessories

Product		Page	Product		Page

180-15R-C01



Application: 180 Ø 15 –Flat caps

For adjustable hinges 11R Ø 15x112



Technical information

a	b
17.8	59.0

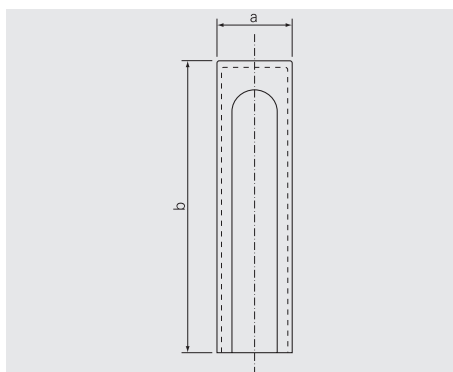
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
18015RFC01TA	50	ABS	White RAL 9010		21692
18015RFC01TM			Brown		21695
18015RFC01TS			Black RAL 9005		21703

Jigs/Accessories

Product		Page	Product		Page

180-15R-C02



Application: 180 Ø 15 –Flat caps

For adjustable hinges 11R Ø 15x92



Technical information

a	b
15.9	50.6

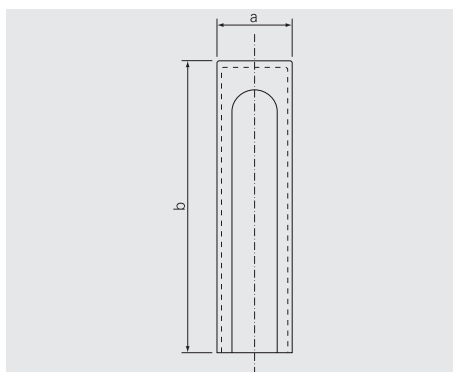
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
18014RFC02AKC	50	Aluminium	Light Bronzed		700587
18014RFC02ACA			Matt Chrome		936052
18014RFC02ANL			Bright Nickel		923200
18014RFC02ANO			Matt Nickel		923201
18014RFC02AEL			Brassed		923199

Jigs/Accessories

Product		Page	Product		Page

180-15R-C03



Application: 180 Ø 15 –Flat caps

For adjustable hinges 11R Ø 15x112



Technical information

a	b
15.9	60.5

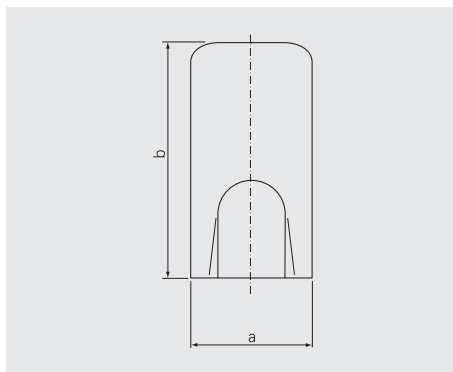
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
18014RFC03AKC	50	Aluminium	Light Bronzed		744963
18014RFC03ACA			Matt Chrome		936063
18014RFC03ANL			Bright Nickel		929977
18014RFC03ANO			Matt Nickel		929979
18014RFC03AEL			Brassed		929976

Jigs/Accessories

Product		Page	Product		Page

180-16-C02



Application: 180 Ø 16 –Flat caps

For hinge 20 Ø 16



Technical information

a	b
16.8	31.0

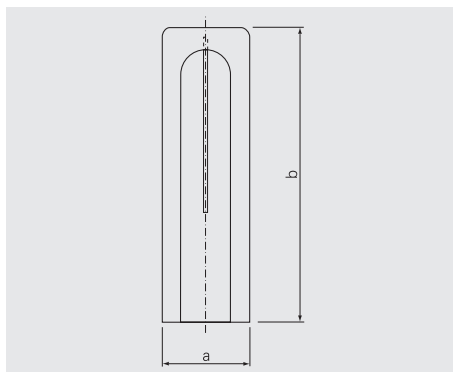
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
18016FC02ACA	50	Aluminium	Matt Chrome		935951
18016FC02ANO			Matt Nickel		920840
18016FC02AEL			Brassed		920838

Jigs/Accessories

Product		Page	Product		Page

180-20R-C00



Application: 180 Ø 20 –Flat caps

For adjustable hinges 11R Ø 20x112



Technical information

a	b
22.8	59.0

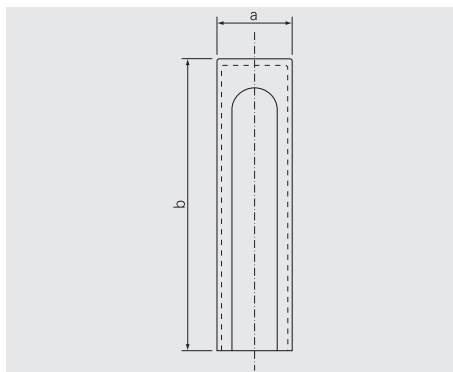
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
18020RFC00TA	50	ABS	White RAL 9010		21713
18020RFC00TM			Brown		21717
18020RFC00TS			Black RAL 9005		21721

Jigs/Accessories

Product		Page	Product		Page

180-20R-C01



Application: 180 Ø 20 –Flat caps

For adjustable hinges 11R Ø 20x112



Technical information

a	b
20.8	60.5

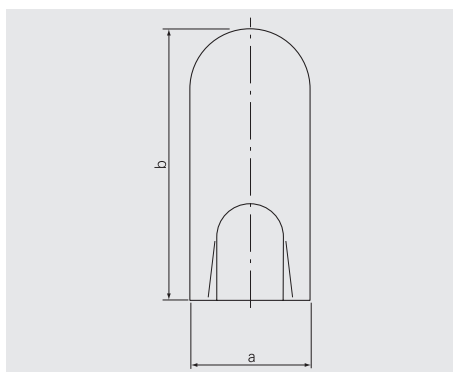
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Product	Packaging	Material	Surface	Corrosion resistance	Art. No
18020RFC01AKC	50	Aluminium	Light Bronzed		997826
18020RFC01ACA			Matt Chrome		936065
18020RFC01ANL			Bright Nickel		929986
18020RFC01ANO			Matt Nickel		929988
18020RFC01AEL			Brassed		929982

Jigs/Accessories

Product		Page	Product		Page

180T-13-C00



Application: 180T Ø 13 –Domed caps

For hinge 20 Ø 13



Technical information

a	b
13.9	32.5

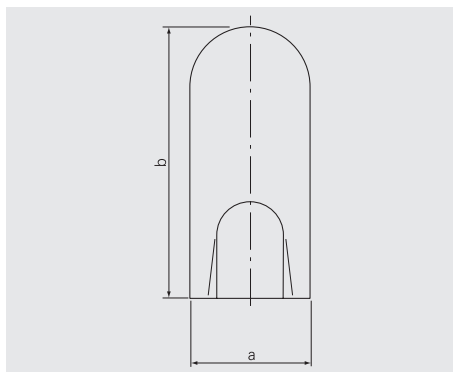
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
180T13FC00ACA	50	Aluminium	Matt Chrome		935927
180T13FC00AEL			Brassed		904157

Jigs/Accessories

Product		Page	Product		Page

180T-14-C00



Application: 180 Ø 14 –Domed caps

For hinge 20 Ø 14



Technical information

a	b
14.8	36.0

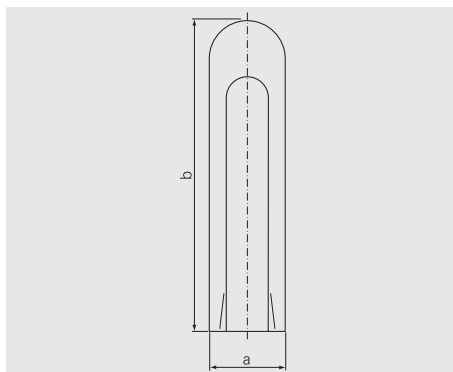
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
180T14FC00ACA	50	Aluminium	Matt Chrome		940091
180T14FC00AEL			Brassed		935024

Jigs/Accessories

Product		Page	Product		Page

180T-14R-C00



Application: 180T Ø 14 –Domed caps

For adjustable hinges 11R Ø 14



Technical information

a	b
14.9	49.5

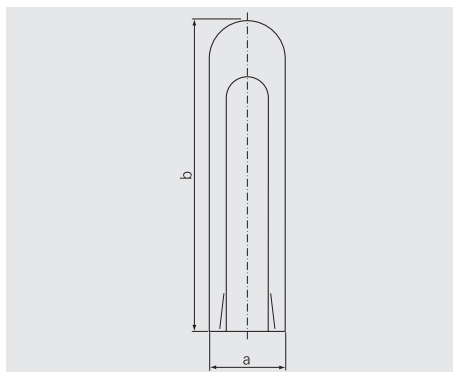
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
180T14RFC00ACA	50	Aluminium	Matt Chrome		936076
180T14RFC00ANL			Bright Nickel		937622
180T14RFC00AEL			Brassed		937617

Jigs/Accessories

Product		Page	Product		Page

180T-15R-C03



Application: 180 Ø 15 –Domed caps

For adjustable hinges 11R Ø 15x92



Technical information

a	b
15.9	56.0

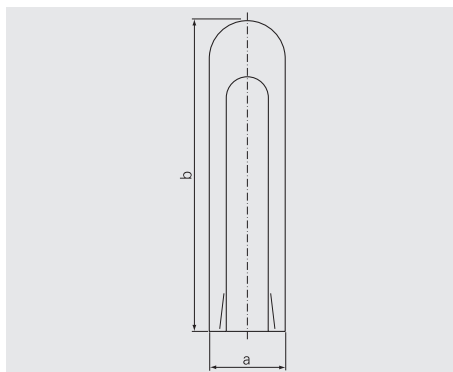
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
180T15RFC03AKC	50	Aluminium	Light Bronzed		700590
180T15RFC03ACA			Matt Chrome		936084
180T15RFC03ANL			Bright Nickel		953981
180T15RFC03ANO			Matt Nickel		953982
180T15RFC03AEL			Brassed		947126

Jigs/Accessories

Product		Page	Product		Page

180T-15R-C02



Application: 180T Ø 15 –Domed caps

For adjustable hinges 11R Ø 15x112



Technical information

a	b
15.9	66.0

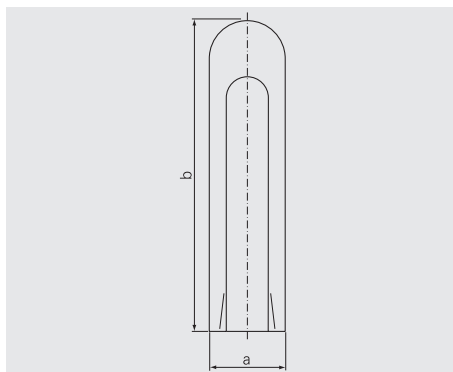
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
180T15RFC02ACA	50	Aluminium	Matt Chrome		936079
180T15RFC02ANL			Bright Nickel		946200
180T15RFC02AEL			Brassed		944245

Jigs/Accessories

Product		Page	Product		Page

180T-20R-C01



Application: 180 Ø 20 –Domed caps

For adjustable hinges 11R Ø 20x112



Technical information

a	b
20.8	66.0

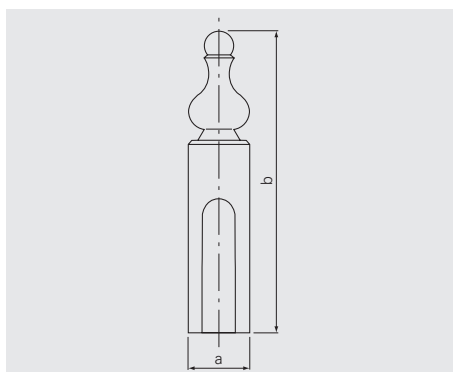
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
180T20RFC01AKC	50	Aluminium	Light Bronzed		997827
180T20RFC01ACA			Matt Chrome		936087
180T20RFC01ANL			Bright Nickel		946145
180T20RFC01ANO			Matt Nickel		946146
180T20RFC01AEL			Brassed		943775

Jigs/Accessories

Product		Page	Product		Page

180B-14R-C00



Application: 180B Ø 14 –Baroque caps

For adjustable hinges 11R Ø 14



Technical information

a	b
16.0	75.0

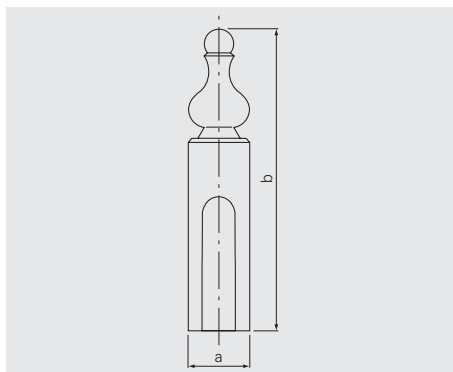
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
180B14RFC00AEL	50	Aluminium	Brassed		1555136

Jigs/Accessories

Product		Page	Product		Page

180B-15R-C16



Application: 180B Ø 15 –Baroque caps

For adjustable hinges 11R Ø 15x92



Technical information

a	b
17.0	89.0

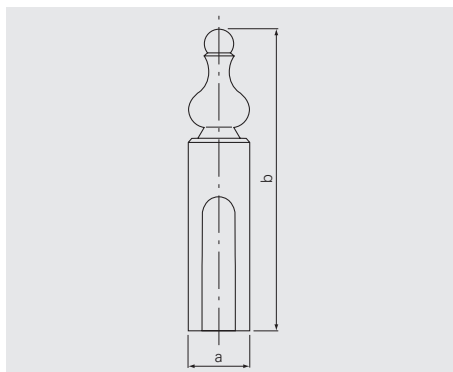
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
180B15RFC16AEL	50	Aluminium	Brassed		1489591

Jigs/Accessories

Product		Page	Product		Page

180B-15R-C01



Application: 180B Ø 15 –Baroque caps

For adjustable hinges 11R Ø 15x112



Technical information

a	b
17.0	99.0

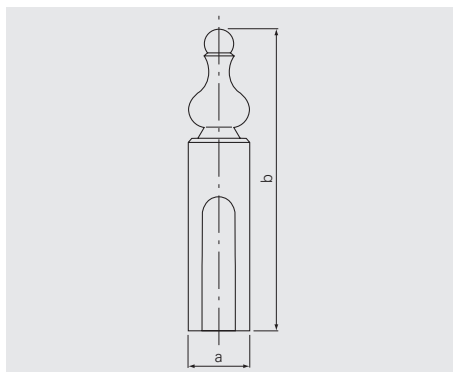
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
180B15RFC01AEL	50	Aluminium	Brassed		1569454

Jigs/Accessories

Product		Page	Product		Page

180B-20R-C00



Application: 180B Ø 20 –Baroque caps

For adjustable hinges 11R Ø 20x112



Technical information

a	b
22.0	99.0

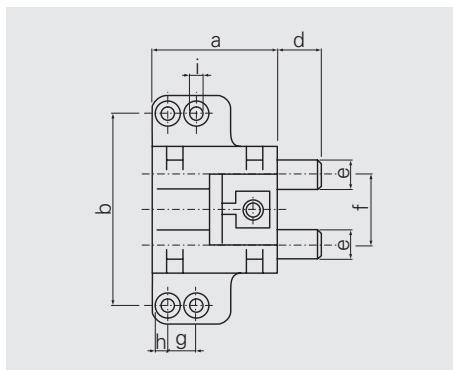
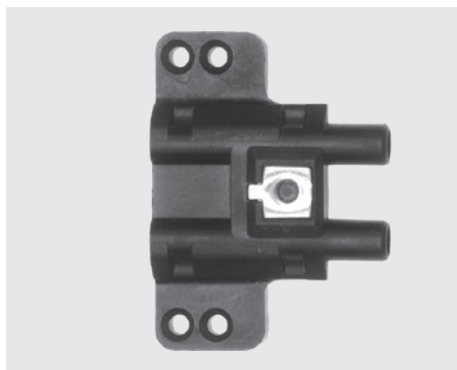
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
180B20RFC00AEL	50	Aluminium	Brassed		1569536

Jigs/Accessories

Product		Page	Product		Page

012-RM-017



Application: 10L/220 Ø 15 –Support for cover frame

For frame part 10L and central part 220



Technical information

a	b	d	e	f	g	h	i
44.2	62.0	13.5	9.8	22.0	11.0	5.0	4.5

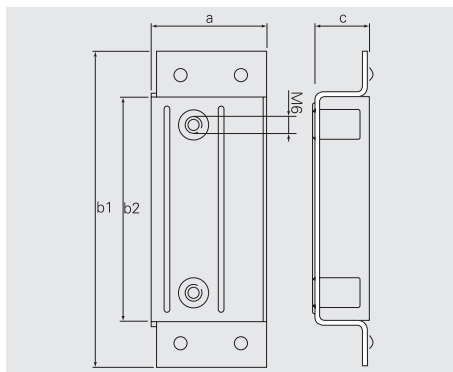
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
012RMB017NN	400	Nylon	Black		1272026

Jigs/Accessories

Product		Page	Product		Page

Just 3D



Application: Just 3D –Support for steel frame

For hinge Just 3D



Technical information

a	b1	b2	c
42.0	116.0	83.0	19.5

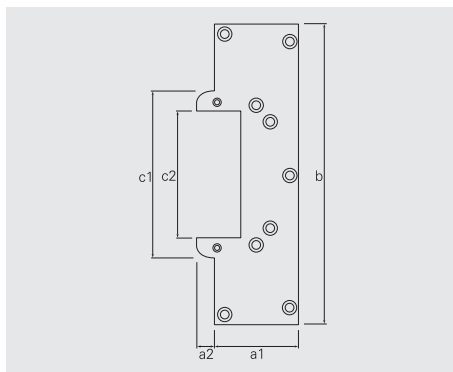
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
J3DSTA00SZ	100	Steel	Zinc		1272302

Jigs/Accessories

Product		Page	Product		Page

Just 3D



Application: J3D-P01 –Reinforcement plate for cover frame

For hinge Just 3D



Technical information

a1	a2	b	c1	c2
60.0	13.0	215.0	120.0	90.0

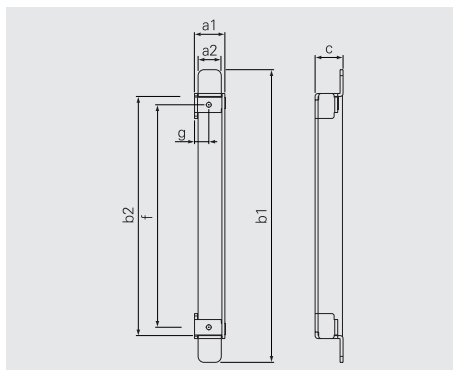
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
J3DSP01SZ	20	Steel	Zinc		777659

Jigs/Accessories

Product		Page	Product		Page

W-Tec 3Ds



Application: W-Tec 3Ds-T00 –Support for steel frame

For hinge W-Tec 3Ds



Technical information

a1	a2	b1	b2	c	f	g
25.5	19.5	246.0	201.0	23.5	187.0	12.0

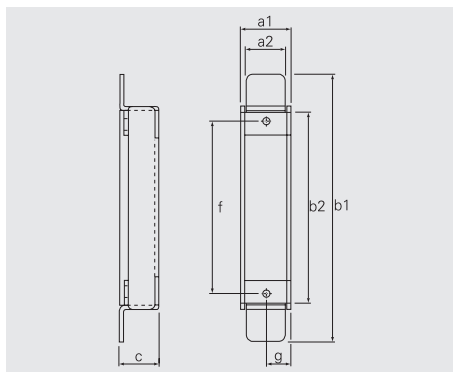
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
WTEC3DSST00SZ	10	Steel	Zinc		1502857

Jigs/Accessories

Product		Page	Product		Page

W-Tec 3D+ 60



Application: W-Tec 3D+ 60-T00 –Support for steel frame

For hinge W-Tec 3D+60 and W-Tec 3Di 60



Technical information

a1	a2	b1	b2	c	f	g
32.0	25.0	180.0	135.0	33.5	122.0	15.5

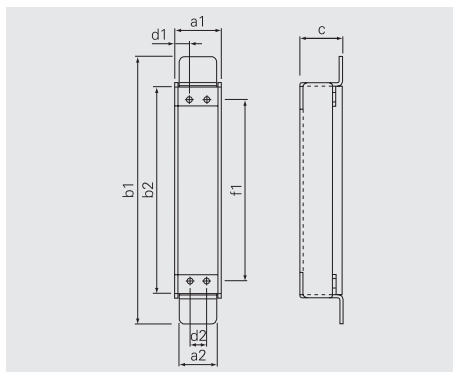
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
WTEC3D60ST00SZ	10	Steel	Zinc		1365299

Jigs/Accessories

Product		Page	Product		Page

W-Tec 3D+ 100/160



Application: W-Tec 3D+ 100-T05 –Support for steel frame

For hinge W-Tec 3D+ 100/160 and W-Tec 3Di 100



Technical information

a1	a2	b1	b2	c	d1	d2	f1
36.0	29.0	206.0	161.0	38.5	10.5	14.0	140.0

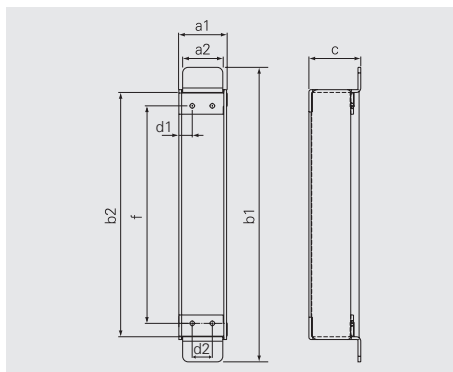
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
WTEC3D100ST05SZ	10	Steel	Zinc		1365313

Jigs/Accessories

Product		Page	Product		Page

W-Tec 3DL



Application: W-Tec 3DL-T00 –Support for steel frame

For hinge W-Tec 3DL



Technical information

a1	a2	b1	b2	c	d1	d2	f1
43.0	36.0	264.0	219.0	46.5	12.0	18.0	195.0

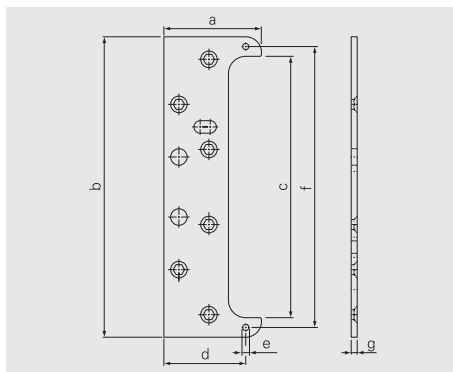
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
WTEC3DLST00SZ	10	Steel	Zinc		1558326

Jigs/Accessories

Product		Page	Product		Page

W-Tec 3Ds



Application: W-Tec 3Ds-P00 –Reinforcement plate for cover frame

For hinge W-Tec 3Ds



Technical information

a	b	c	d	e	f	g
64.9	200.0	174.0	54.5	5.0	187.0	4.0

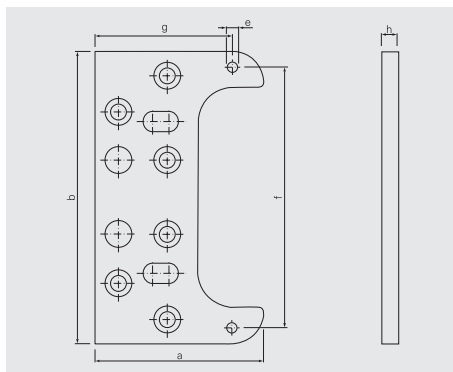
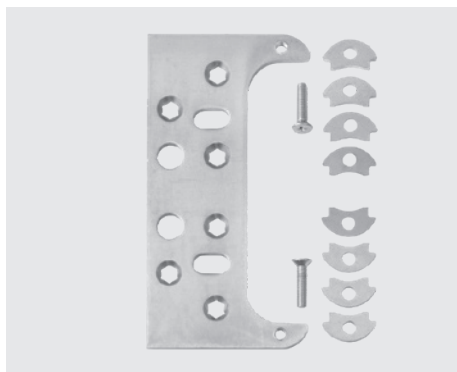
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
WTEC3DSSP00SZ	10	Steel	Zinc		1502901

Jigs/Accessories

Product		Page	Product		Page

W-Tec 3D+ 60



Application: W-Tec 3D60-P00 – Reinforcement plate for cover frame

For hinges W-Tec 3D+ 60 and W-Tec 3Di 60



Technical information

a	b	e	f	h
69.2	134.0	5.0	122.0	4.0

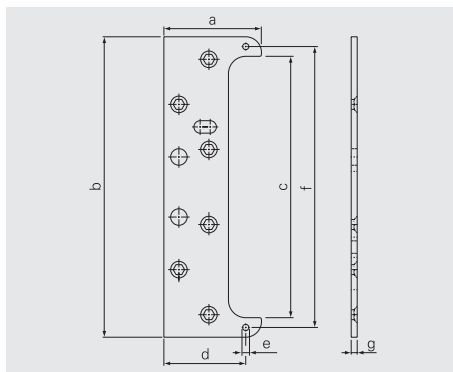
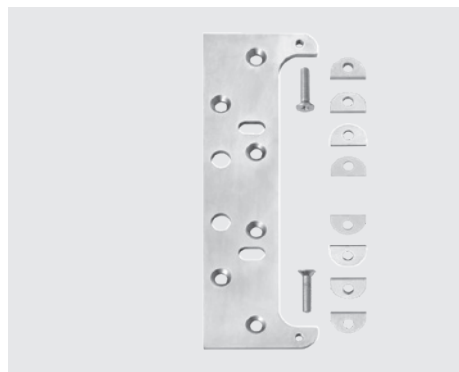
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
WTEC3D60SP00SZ	10	Steel	Zinc		1364646

Jigs/Accessories

Product		Page	Product		Page

W-Tec 3D+ 100/160



Application: W-Tec 3D100-P00 –Reinforcement plate for cover frame

For hinges W-Tec 3D+ 100/160 and W-Tec 3Di 100



Technical information

a	b	d	e	f	h
68.5	160.0	61.0	5.0	140.0	4.0

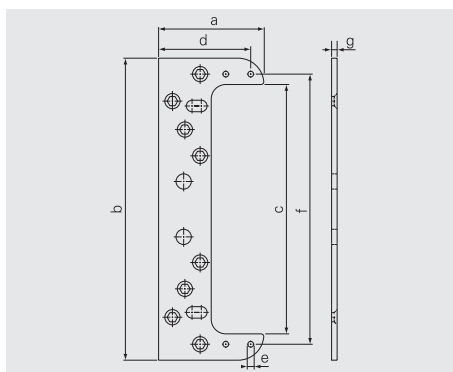
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
WTEC3D100SP05SZ	10	Steel	Zinc		1364662

Jigs/Accessories

Product		Page	Product		Page

W-Tec 3DL



Application: W-Tec 3DL-P00 –Reinforcement plate for cover frame

For hinge W-Tec 3DL



Technical information

a	b	c	d	e	f	g
75.9	218.0	180.0	66.5	5.0	195.0	4.0

Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
WTEC3DLSP00SZ	10	Steel	Zinc		1558328

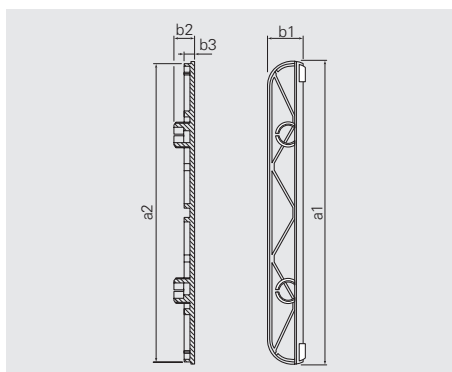
Jigs/Accessories

Product		Page	Product		Page



Accessories and Jigs

Easy 3D



Application: Easy 3D-C15 –Milling cover cap

For hinge Easy 3D rebate 15mm



Technical information

a1	a2	b1	b2	b3
132.0	130.0	15.5	9.0	4.5

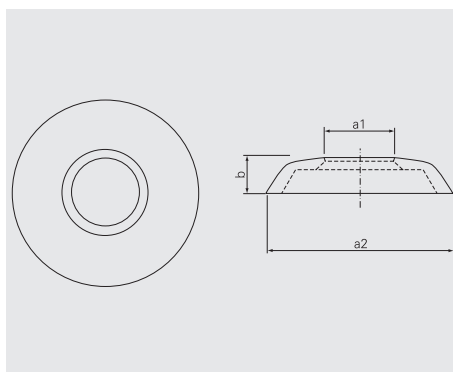
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
E3DSC1500TWR	12	ABS	White		710858
E3DSC1500TO			Matt Nickel		710861

Jigs/Accessories

Product		Page	Product		Page

175-20-R06



Application: 175 Ø 20 –Cover

For frame part with Stud Ø 10



Technical information

a1	a2	b
11.0	30.0	6.5

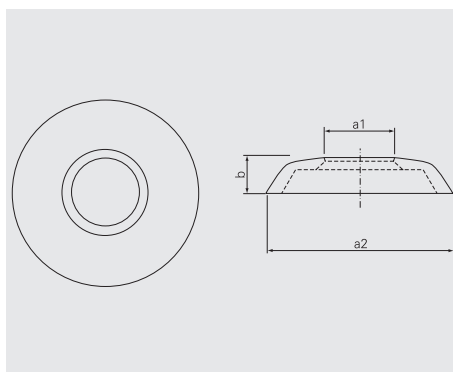
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
17520ER06TS	400	ABS	Black RAL 9005		1272151

Jigs/Accessories

Product		Page	Product		Page

175-20-R05



Application: 175 Ø 20 –Cover

For frame part with Stud Ø 12



Technical information

a1	a2	b
13.0	30.0	6.5

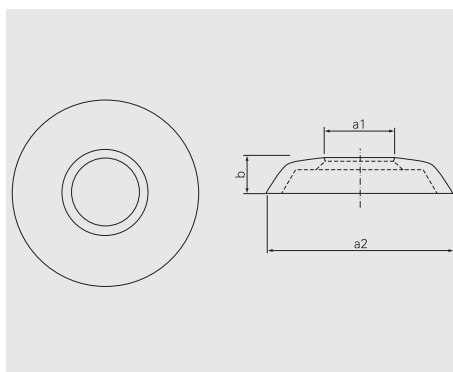
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
17520ER05TS	400	ABS	Black RAL 9005		1272150

Jigs/Accessories

Product		Page	Product		Page

175-20-R72



Application: 175 Ø 20 –Cover

For frame part with Stud Ø 16



Technical information

a1	a2	b
17.5	35.0	6.5

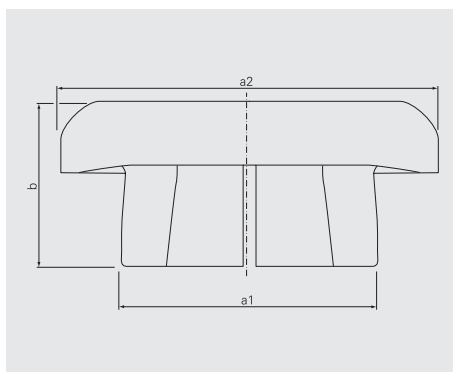
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
17520ER72TS	400	ABS	Black RAL 9005		1272793

Jigs/Accessories

Product		Page	Product		Page

175-20-T06



Application: 175 Ø 20 –Cap for ring and plate

For hole Ø 10



Technical information

a1	a2	b
10.7	16.0	7.0

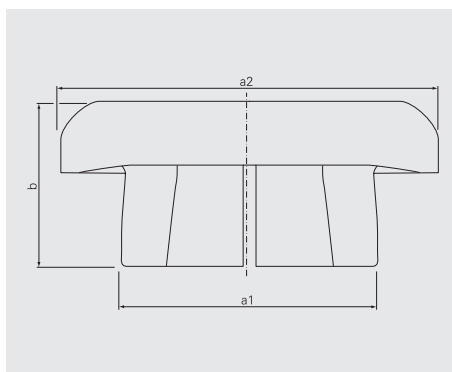
Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
17520ET06TS	400	ABS	Black RAL 9005		731385

Jigs/Accessories

Product		Page	Product		Page

175-20-T05



Application: 175 Ø 20 –Cap for ring and plate

For hole Ø 12



Technical information

a1	a2	b
12.7	20.0	7.3

Range

Product	Packaging	Material	Surface	Corrosion resistance	Art. No
17520ET05TS	400	ABS	Black RAL 9005		731378

Jigs/Accessories

Product		Page	Product		Page

Jigs/Accessories

Jigs

Product	Packaging	Applicazione	Description	Art. No	
BA-D3DN16-02	1	Dynamic 3DN	drilling jig	1550245	
BBAR-D3DN16-00			rod gauge	1550287	
BFA-D3DN16-00			additional jig	1550285	
BA-D3DN16-03			jig	1550208	
BA-D3D20-04		Dynamic 3D Ø 20	drilling jig	1548895	
BBAR-D3D20-02			rod gauge	1548893	
BFA-D3D20-02			additional jig	1548894	
BA-D3D20-05			jig	1548896	
BA-D3D20-03		Dynamic 3D Ø 20 Veka	drilling jig	1742758	
BA-D3DG20-00		Dynamic 3D-G batt ≥ 22	drilling jig	1645249	
BA-D3DG20-01		Dynamic 3D-G batt < 22	drilling jig	1661140	
BBAR-D3DG20-00			rod gauge	1645248	
BFA-D3DG20-00			additional jig	1645264	
BA-E3N-15-00		Estetic 3DN	jig	1673711	
BA-D2DTA-20-01		Dynamic 2D-TA	milling jig	1679982	
BIF-D2DTA-20-00			insert kit sash and frame	1679915	
BA-D2DTA-20-00			reference jig	1679917	
D3D20GAE00TS			additional gasket	1591378	
D3D20GAE00HS				1591377	
CSD-002-SM		Center part	Brassed	1568367	
CSD-002-SN			Nickel	1565413	

Jigs/Accessories

Jigs

Product	Packaging	Applicazione	Description	Art. No	
Porta inserti flessibile ¼"	1	For Dynamic 3D		1167835	
BA-13-M6-169		169 Ø 13 M6	drilling jig	1272754	
BA14230-00		230		1272432	
BA-T-J3D-00		For Just 3D frame part	milling jig	1272107	
BA-A-J3D-00		For Just 3D sash part		1361197	
BA-AF-J3D-00			insert	1272108	
BA-E3D-02		For Easy 3D frame part	reference jig	1272674	
BA-T-E3D-01			milling jig	1339001	
BIF-T-E3D-00		For Easy 3D-20/25	insert cutter ø 20 ring ø 30	1272545	
BIF-T-E3D-08		For Easy 3D-23/24/26	insert cutter ø 20 ring ø 30	1272743	
BA-2S-E3D-00-AL		For Easy 3D air gap 12mm	spacer	1272246	
BA-A-E3D-01		For Easy 3D sash part	milling jig	1338998	
BA-A-E3D30/J3D		For Easy 3D-30	milling jig	1361197	
BIF-A-E3D-00		For Easy 3D-20/25	insert cutter ø 20 ring ø 30	1272544	
BIF-A-E3D-08		For Easy 3D-23/24/26	insert cutter ø 20 ring ø 30	1272742	
BA-E3D-03		For Easy 3D stainless steel	reference jig	1272876	
B-PF-E3D-00			milling cutter Ø 20	1272206	
BA-WTEC3D-00		For W-Tec 3D+	milling jig	1272844	
BIF-WTEC3D-60-00-000		For W-Tec 3D+ 60	insert cutter ø 20 ring ø 30	1365130	
BIF-WTEC3D-100-05-000		For W-Tec 3D+ 100/160	insert cutter ø 20 ring ø 30	1365131	
BIF-WTEC3D-60-00-001		For W-Tec 3D+ 60	insert cutter ø 16 ring ø 27	1365239	
BIF-WTEC3D-100-05-001		For W-Tec 3D+ 100/160	insert cutter ø 16 ring ø 27	1365240	
BA-WTEC3DL-00-000		For W-Tec 3DL	Milling jig+insert	1558749	

Jigs/Accessories

Jigs

Product	Packaging	Applicazione	Description	Art. No	
BBOX/109	1	20 e 50B Ø 09	Rebate fitting set	21294	
BBOX/111		20 e 50B Ø 11		21313	
BBOX/113		20 e 50B Ø 13		21321	
BBOX/114		20 e 50B Ø 14		21330	
BBOX/116		20 e 50B Ø 16		21356	
BBOX/11640H		40H Ø 16		21360	
BBOX/518		40H Ø 18		21255	
BBOX/520		40H Ø 20		21258	
BBOX/11411R00		11R Ø 14x80 with air gap		1272405	
BBOX/11411R02		11R Ø 14x80 without air gap		1272450	
BBOX/11512R16		11R Ø 15x92 with air gap		1271965	
BBOX/11512R1		11R Ø 15x112 with air gap		1271978	
BBOX/12012R		11R Ø 20x112 with air gap		1271968	
BBOX/11512R18		11R Ø 15x92 without air gap		1272453	
BBOX/12012R05		11R Ø 20x112 without air gap		1272456	
BBOX/40911		20 e 50B Ø 09/11		21236	
BBOX/41314		20 e 50B Ø 13/14	Flush fit fitting set	21240	
BBOX/41416		20 e 50B Ø 14/16		21242	
BBOX/31411R00		11R and 12R		1272406	
BBOX/31512R16		11R Ø 14x80 with air gap		1272029	
BBOX/32012R		11R Ø 15x92 with air gap		1271995	
BBOX/31411R03		11R Ø 20x112 with air gap		1272451	
BBOX/31512R20		11R Ø 15x92 without air gap		1272455	
TUBO QUADRO 240		Bar for Jigs		298442	
Staffa di posizionamento		Stop for bar		298450	

Jigs/Accessories

Jigs

Product	Packaging	Applicazione	Description	Art. No	
BPG3X100	1	Dynamic 3D	3,0x100	1272045	
HSS-7,2x156			7,2 x 156	519413	
BPG11X140			11,0 x 140	1549152	
BPG13SR		11R Ø 14	6,7x148	21418	
BPG20SR		11R Ø 20	8,8 x 175	21428	
BPG16SR		11R Ø 15	7,7 x 165	21424	
BPG09SR			5,2 x 132	1271976	
BPG11SR			5,7 x 139	21417	
BPG14SR			7,2 x 156	21420	
BPG18SR			8,6 x 175	21426	
BF0911SZ		Deep stop	Ø hinge 09/11	1271958	
BF1314SZ			Ø hinge 13/14	21269	
BF16SZ			Ø hinge 16	21273	
BF1820SZ			Ø hinge 18/20	21281	
BP09SZ		Adjustment pin	Ø hinge 09	1271974	
BP11SZ			Ø hinge 11	21406	
BP13SZ			Ø hinge 13	21407	
BP14SZ			Ø hinge 14	21408	
BP16SZ			Ø hinge 16	21409	
BG09SZ		Hook	Ø hinge 09	1271959	
BG11SZ			Ø hinge 11	1144103	
BG13-B-SZ			Ø hinge 13	413420	
BG14-B-SZ			Ø hinge 14	413421	
BG15-B-SZ			Ø hinge 15	413422	
BG16-B-SZ			Ø hinge 16	413423	
BG18SZ			Ø hinge 18	21311	
BG20SZ			Ø hinge 20	21322	
B1M00SZ		Hand tool for hook		1271956	

