A close-up photograph of a silver metal door rail assembly. The rail is shown in a perspective view, highlighting its profile and the internal components, including a black rubber seal and a white plastic insert. The background is a plain, light gray.

FITTINGS AND DOOR RAILS FOR TOUGHENED GLASS ASSEMBLIES

Universal / RP / EA / TP/TA
VISUR / BEYOND / SG





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UNIVERSAL
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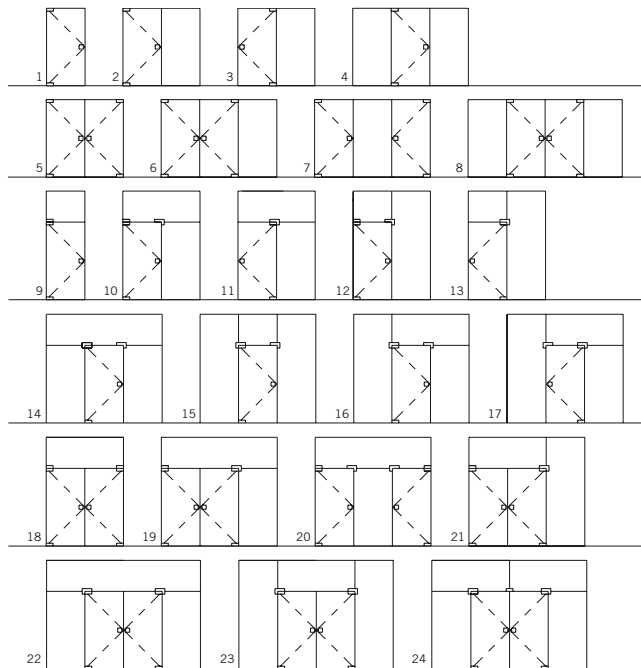
THE DORMA-GLAS RANGE OF FITTINGS

The DORMA-Glas range of fittings has matured into one of the most comprehensive available today. It offers ideal options for creating all standard toughened glass assemblies in a manner which is technically sound and visually attractive. This gives the designer a wide variety of options for individual expression in creating with toughened glass – either internally or externally.

All DORMA fittings are based on a modular system, consisting of a base unit, functional inserts and clip-on covers in the widest possible range of finishes. The glass preparations that are needed can be performed quickly and easily. Quality materials and thorough workmanship guarantee a long service life and a reflection of excellence for years to come.

Door rails and locks ideally complement the DORMA product range for toughened glass assemblies. The door rails grant all requests for wide and heavy doors, also for side panels. They guarantee the maximum protection for the lower glass edge. With its different types and finishes the lock programme DORMA SG meets various requirements for function, safety and appearance.

A	P UNIVERSAL	P RP	P EA
For external assemblies	+++	+++	+++
For internal assemblies	+++	+++	+++
For standard toughened glass assembly types	+++	+++	+++
For individually designed assemblies with corner fittings, fin fittings etc.	+++		++++
For double-action doors	fi	fi	
For single-action doors	fi		fi
Glass thickness (mm)	8, 10, 12 ¹⁾	8, 10, 12	8, 10, 12
Glass thickness (mm), for Universal with 15 mm pivot point	8, 10		
Max. door weight (kg)	130 ²⁾	80	90
Max. door weight (kg) for Universal with 15 mm pivot point	80		
Max. door width (mm)	1300 ²⁾	1100	1000
Materials and finishes			
Aluminium, mill finish (100)			
Aluminium, silver anodised, EV1, CO (101)	fi	fi	fi
Aluminium, dark bronze anodised DB14, MC1003, C34 (108)	fi		
Aluminium, sim. to satin stainl. steel anodised (113, 107)		fi(113)	fi(107)
Bespoke colour anodising (199)	fi	fi	fi
Aluminium, white powder coated, similar to RAL 9016 (300)		fi	fi
Bespoke powder coating (399)	fi	fi	fi
Brass, polished chromed (501)	fi		fi
Brass, polished varnished (502)	fi		
Brass, polished (503)	fi		fi
Stainless steel, satin (700)	fi		
Stainless steel polish (701)	fi		
Page	6	42	48



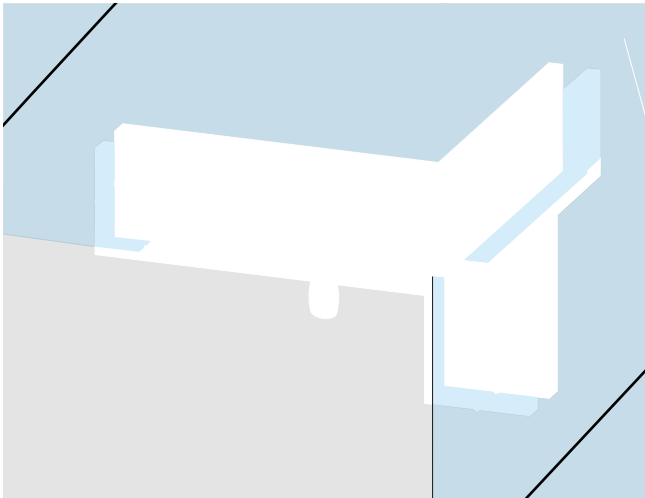
	+++	+++	
	+	+++	
	+++	+++	
	++	+++	+++
	fl	fl	
	fl	fl	
	8, 10, 12, 13,5, 17, 19, 21	8, 10, 12	
	150*		
	1400*		
	fi		
	fi	fi	
		fi	
	fi		
		fi	
	fi	fi	
	fi		
	fi		
	62	108	130

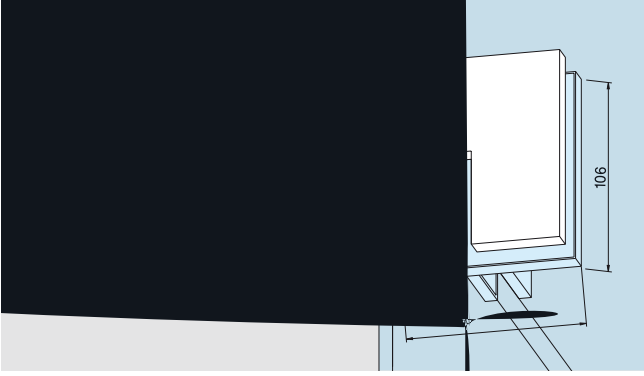
- 2) For door heights up to 2500 mm
For doors with a height of more than 2,500 mm we have to keep additional conditions/limits:
 - Glass thickness ≥ 10 mm
 - + Usage of a handle bar with 3 connection points in minimum and a minimum height of 2/3 door height
- 2) Use of door closers:
Doors ≥ 100 Kg must be used with door closers type EN 4 (with or without back check) or a higher type (e.g. EN 5) without back check.

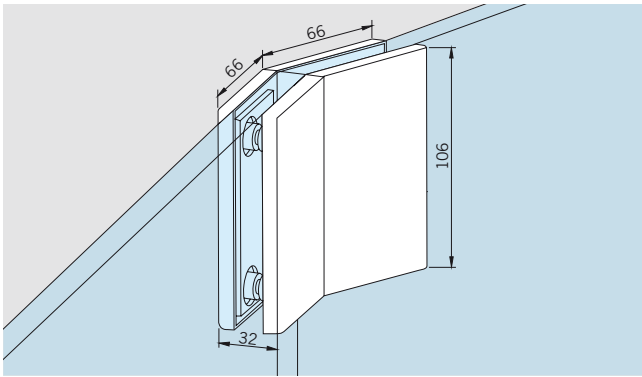
+++ particularly suitable
 ++ suitable
 + partially suitable
 fl Optional
 fi Standard

1) Under certain circumstances also 15 + 19 mm glass thicknesses

* Only for double action doors with door rail top and bottom



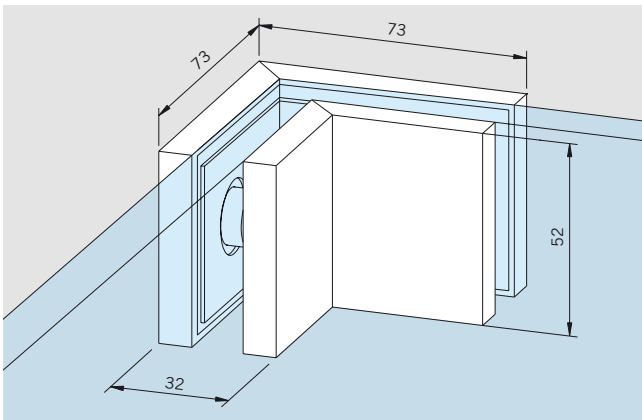




Bn
angle 135° Art. No. 03.172

Not illustrated:
angle 91° – 134° / 136° – 179° Art. No. 03.178
(Please specify angle with order)

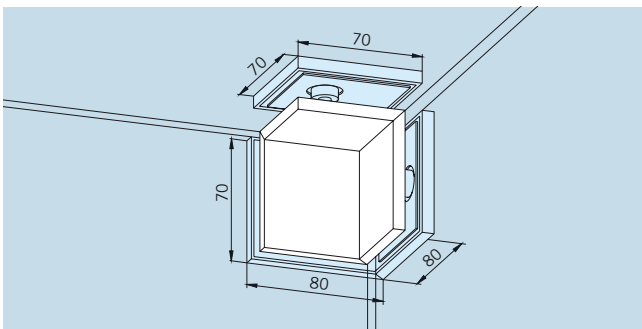
Weight in kg:
aluminium 0.472
stainless steel 0.541



PT 80 connector,
shortened, angle 90° Art. No. 03.470

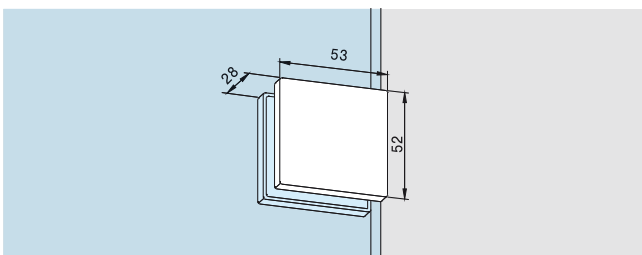
Not illustrated:
angle 91° – 134° / 136° – 179° Art. No. 03.179
(Please specify angle with order)

Weight in kg:
aluminium 0.236
stainless steel 0.270



Three way box corner connector,
angle 90° Art. No. 03.198

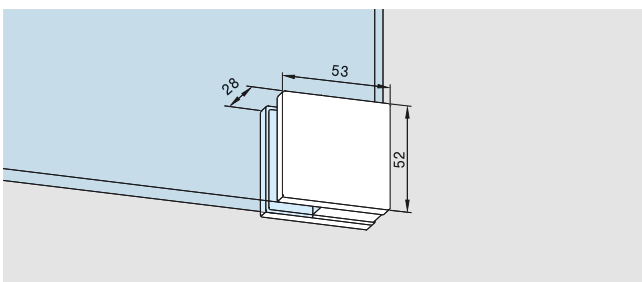
Weight in kg:
aluminium 0.099
stainless steel 0.131



PT 90 screw on fitting Art. No. 07.021

Weight in kg:
aluminium 0.120
brass 0.160
stainless steel 0.155

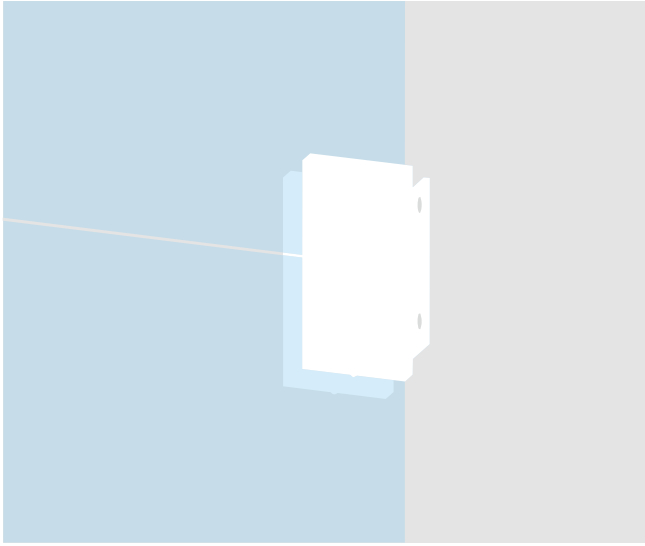
for 13.5–19 mm
glass thicknesses Art. No. 07.210



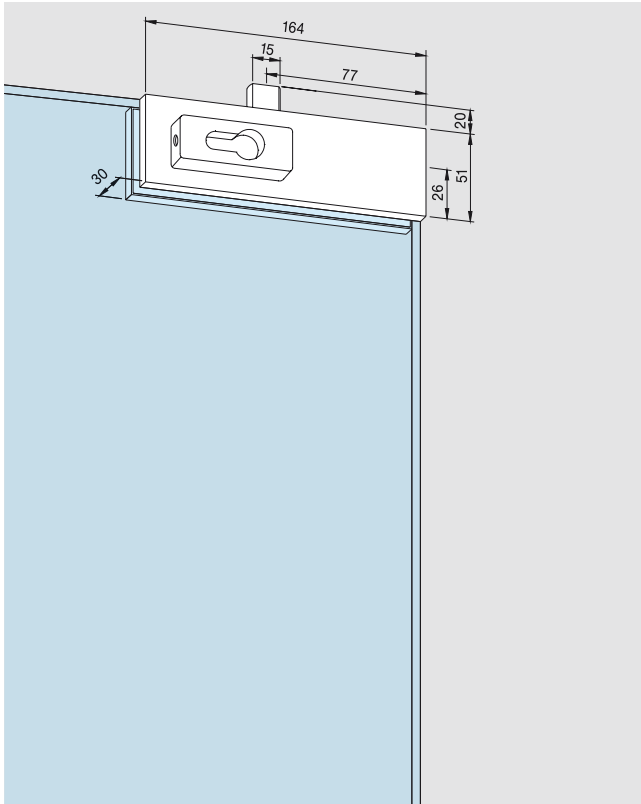
PT 91 corner fitting Art. No. 07.023

Weight in kg:
aluminium 0.120
brass 0.160
stainless steel 0.155

for 13.5–19 mm
glass thicknesses Art. No. 07.211



LOCKS, COMPLETE FOR 10 MM GLASS THICKNESS



prepared for Europrofile cylinder, single throw, bolt projection 20 mm, with security rosettes on both sides, 14 mm thick.

Lock insert:
 – high corrosion resistance according to EN 1670, class 4
 – with regard to type-test according to DIN 18251, class 3**

For 10 mm glass thickness

Art. No. 03.206

Not illustrated:

For 12 mm glass thickness, only in satin stainless steel

Art. No. 03.867

For 15 and 19 mm glass thickness. Please specify with order.

Art. No. 03.285

Prepared for KABA

Art. No. 03.340

For half profile cylinder

Art. No. 03.288

Left hand top/ right hand bottom

Art. No. 03.287

Left hand bottom/right hand top

Weight in kg:

aluminium	0.942
brass	1.061
stainless steel	1.053

Art. No. 05.190

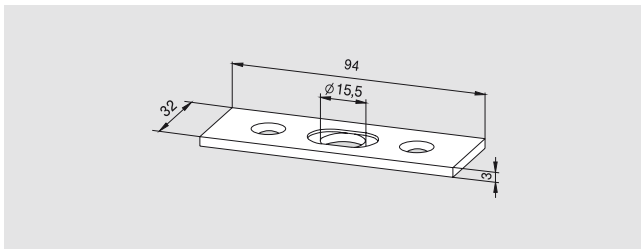
Lock keeper plate, stainless steel, two parts, adjustable ± 5 mm

Weight in kg: 0.048

Alternative (not illustrated):

Floor sockets (see accessories page 135)

Art. No. 05.192, 05.193, 05.194



GK 30 single overpanel strike box with threaded hole at side, to suit US 10 corner lock

Art. No. 03.230

Not illustrated:

For 12 mm glass thickness, only in satin stainless steel

Art. No. 03.870

Weight in kg:

aluminium	0.418
brass	0.555
stainless steel	0.536

Not illustrated:

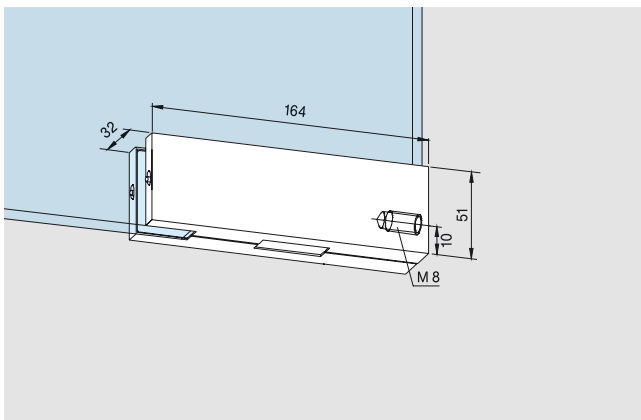
GK 30 with stop

Art. No. *03.234/03.235

Weight in kg:

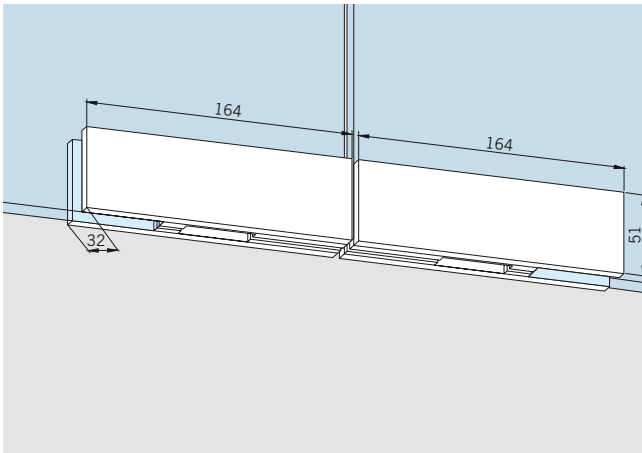
Fixing material see accessories page 138.

aluminium	0.463
stainless steel	0.597



Left or right hand are determined by view from outside.

** Extract from DIN 18251, class 3: Type-test with 50,000 locking bolt operating cycles. Furthermore the lock was tested successfully by a neutral testing institute with 100,000 locking bolt operating cycles.



to suit US 10 corner lock,
consisting of two GK 30 with
threaded connecting bolt

Not illustrated:
For 12 mm glass thickness,
only in satin stainless steel

Not illustrated:
GK 20 with stop

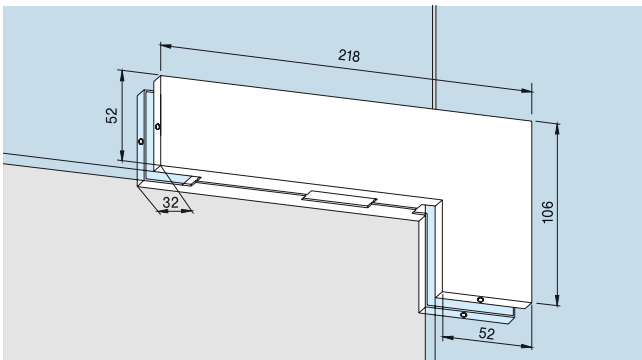
Not illustrated:
For 12 mm glass thickness,
only in satin stainless steel

Art. No. 03.245

Art. No. 03.871
Weight in kg:
aluminium 0.844
brass 1.096
stainless steel 0.948

Art. No. 03.247
Weight in kg:
aluminium 1.490
brass 4.465


Art. No. 03.872
Weight in kg:
aluminium 0.709
brass 1.035
stainless steel 1.010



GK 40 corner overpanel strike
box to suit US 10 corner lock

Not illustrated:
GK 40 with stop

GK 41 strike box
to suit US 10 corner lock, with
fin fitting

 with fin fitting on both sides

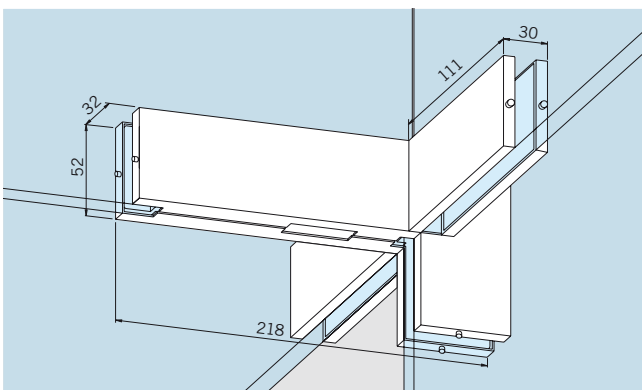
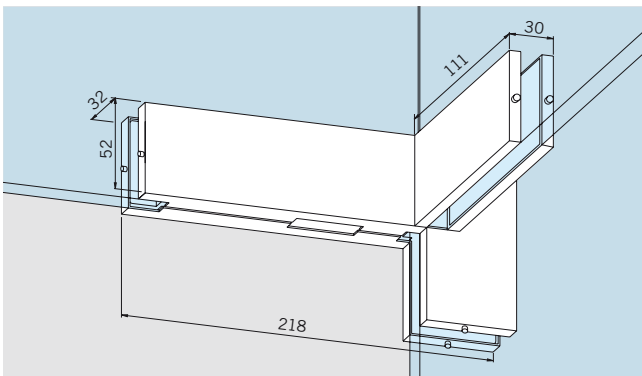
Art. No. 03.250

Art. No. *03.254 / 03.255
Weight in kg:
aluminium 0.754
brass 1.035
stainless steel 1.010

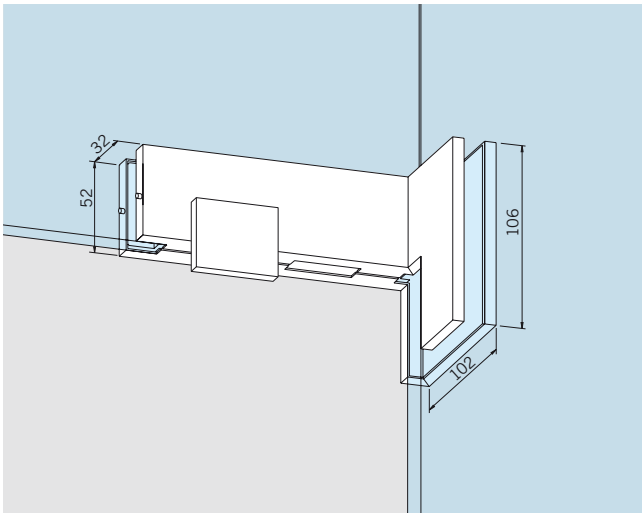
Art. No. *03.194 / 03.193
Weight in kg:
aluminium 0.906
stainless steel 1.270

Art. No. 03.195

Weight in kg:
aluminium 1.103
stainless steel 1.411



* Order of Art. No.: left hand fin / right hand fin – determined by view from outside.
(Illustration shows left hand)



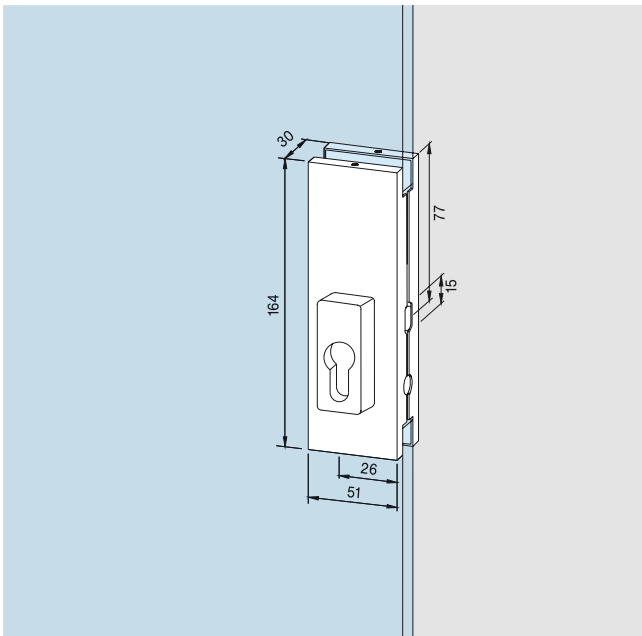
to suit US 10 corner lock,
angle 90°, with stop inside

Art. No. *03.274/03.275

Not illustrated:
angle 135°, without stop

Art. No. *03.276/03.277

Weight in kg:
aluminium 0.910
stainless steel 1.247



S 20a
prepared for Europrofile
cylinder, single throw, bolt pro-
jection 20 mm, with security
rosettes 14 mm thick.

Lock insert:
– high corrosion resistance
according to EN 1670, class 4
– with regard to type-test
according to DIN 18251,
class 3**

For 10 mm glass thickness

Art. No. 03.215

For 12 mm glass thickness,
only in satin stainless steel

Art. No. 03.868

Not illustrated:
prepared for KABA

Art. No. 03.345

Prepared for half profile cylinder

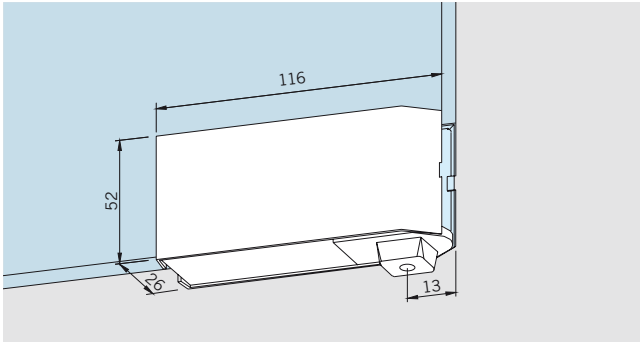
Art. No. *03.290 / 03.289

Weight in kg:
aluminium 0.942
brass 1.061
stainless steel 1.053

* Order of Art.No.: left hand fin / right hand fin – determined by view from outside.

** Extract from DIN 18251, class 3: Type-test with 50,000 locking bolt operating cycles. Furthermore the lock was tested successfully by a neutral testing institute with 100,000 locking bolt operating cycles.

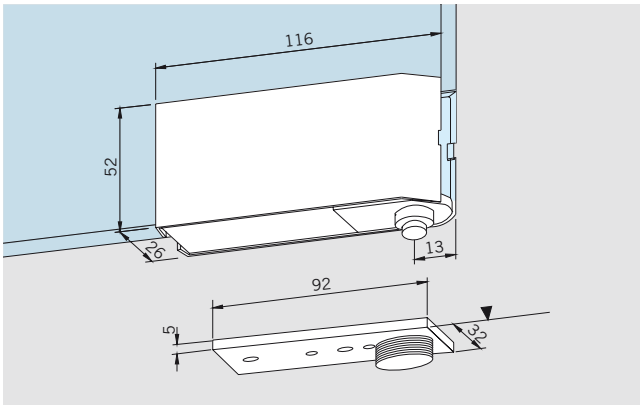
Pinch free patch fittings with 15 mm pivot point, complete,
for 10 mm glass thickness
Accessories see page 137.



complete with spindle insert for
DORMA BTS floor spring

Art. No. 01.200

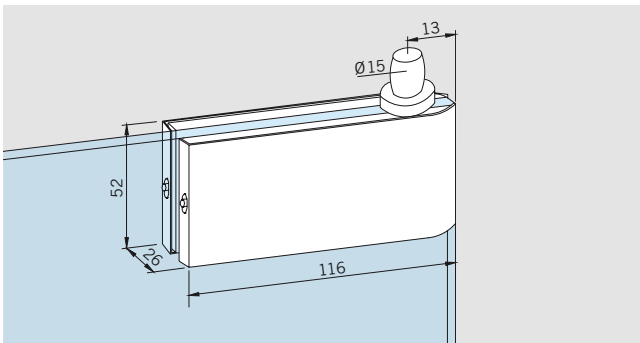
Weight in kg:
aluminium 0.473
stainless steel 0.535



Bottom patch
complete with pivot insert and
pivot bearing, with cover plate,
height adjustable by 5 mm;
floor clearance see page 41

Art. No. 01.201

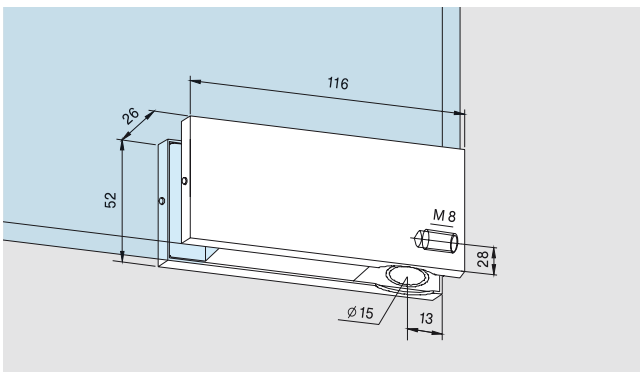
Weight in kg:
aluminium 0.560
stainless steel 0.622



Top patch fitting
with pivot pin 15 mm Ø

Art. No. 01.210

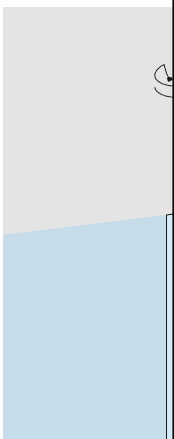
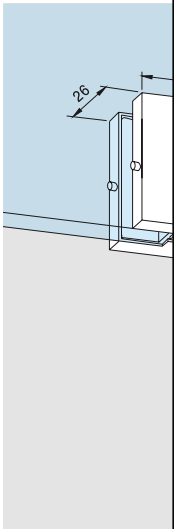
Weight in kg:
aluminium 0.453
stainless steel 0.526

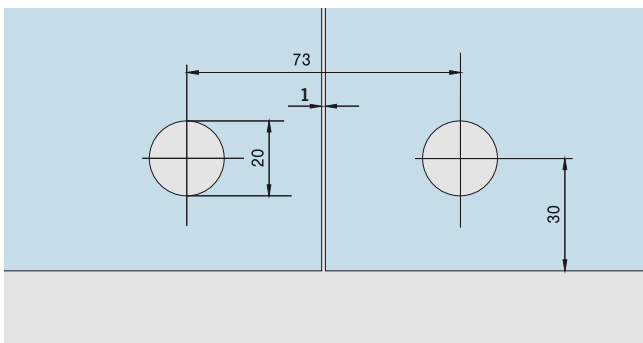
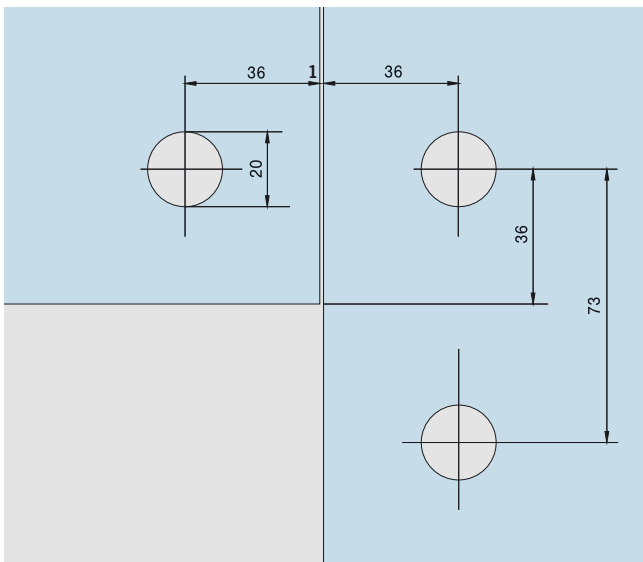
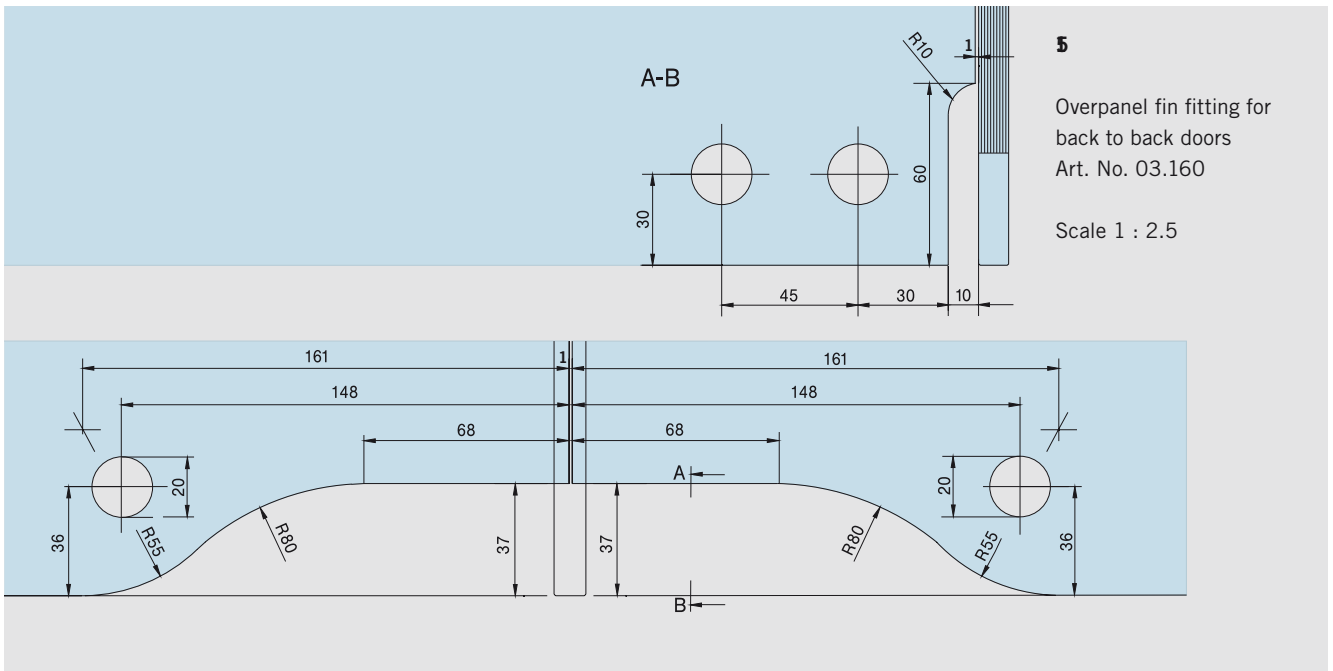


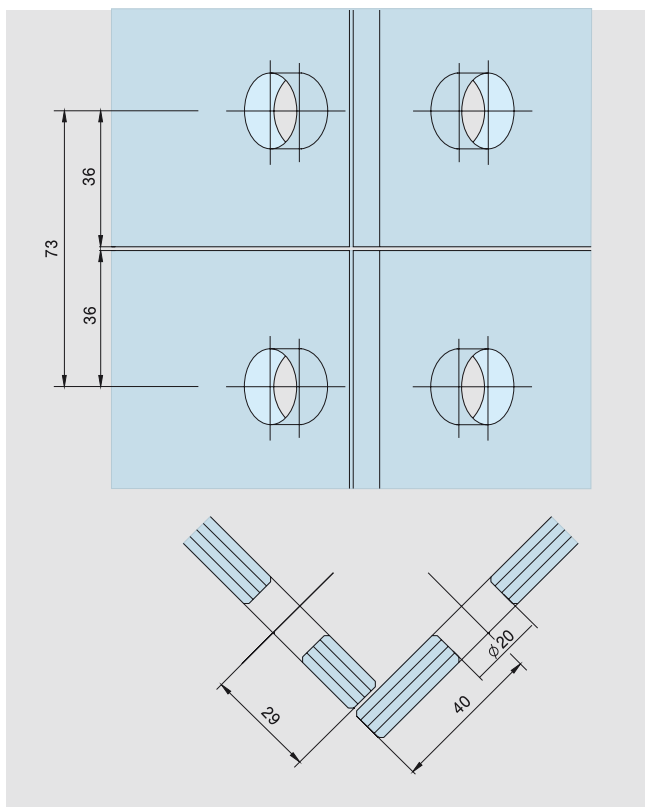
Overpanel patch
with 15 mm Ø pivot pin
and threaded hole at side

Art. No. 01.220

Weight in kg:
aluminium 0.262
stainless steel 0.335



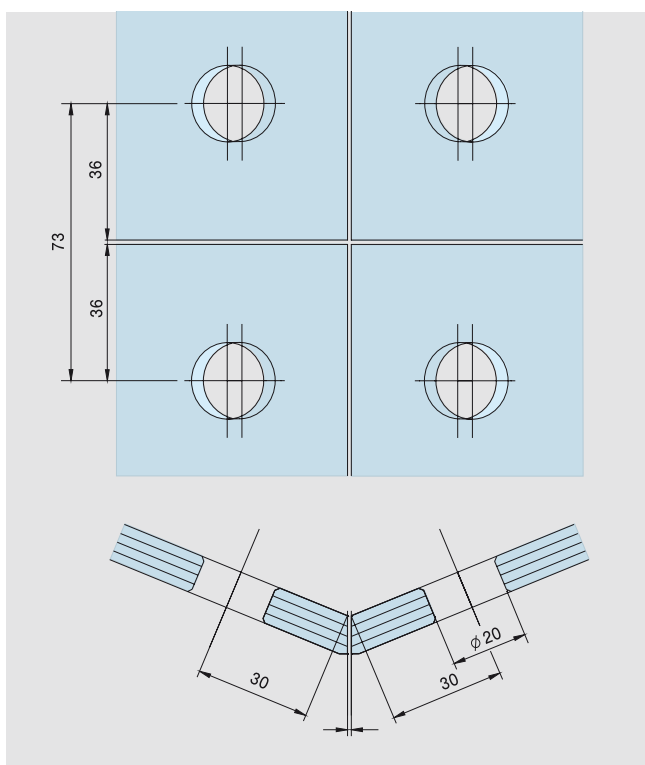




Angled connector, 90°
Art. No. 03.171

Glass preparation examples
for angles between
91° – 134° / 136° – 179°
available on request.

Scale 1 : 2

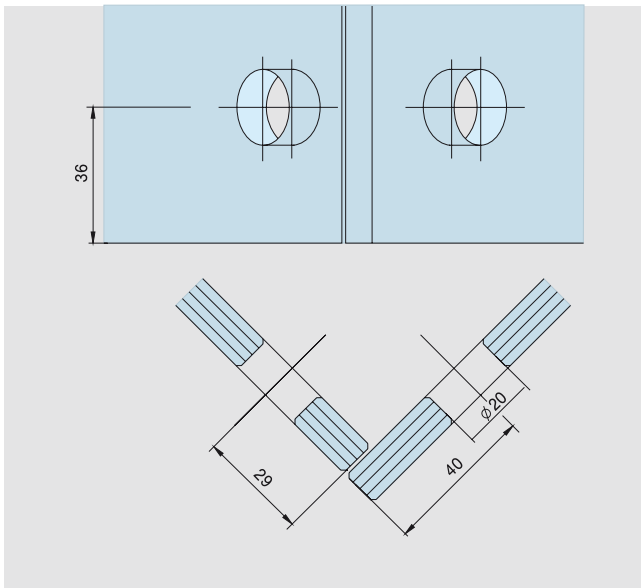


PT 80

Angled connector, 135°
Art. No. 03.172

Glass preparation examples
for angles between
91° – 134° / 136° – 179°
available on request.

Scale 1 : 2



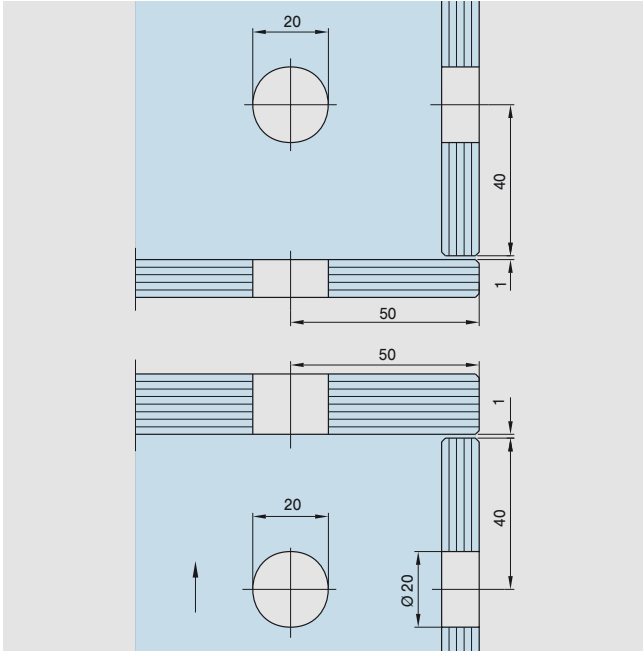
PT 80 shortened

Angled connector, 90°
shortened

Art. No. 03.470

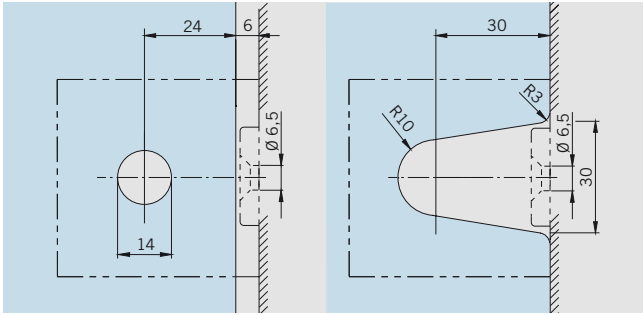
Glass preparation examples
for angles between
91° – 134° / 136° – 179°
available on request.

Scale 1 : 2



angle 90°
Art. No. 03.198

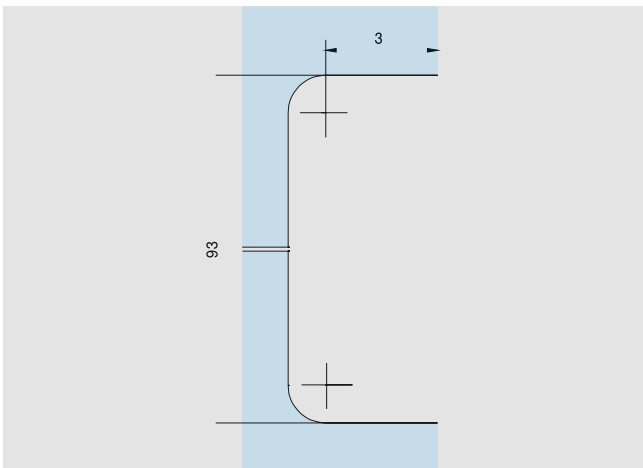
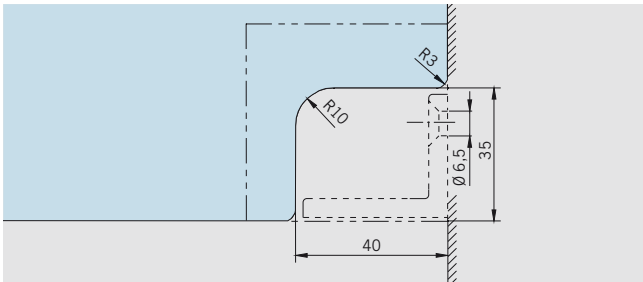
Scale 1 : 2



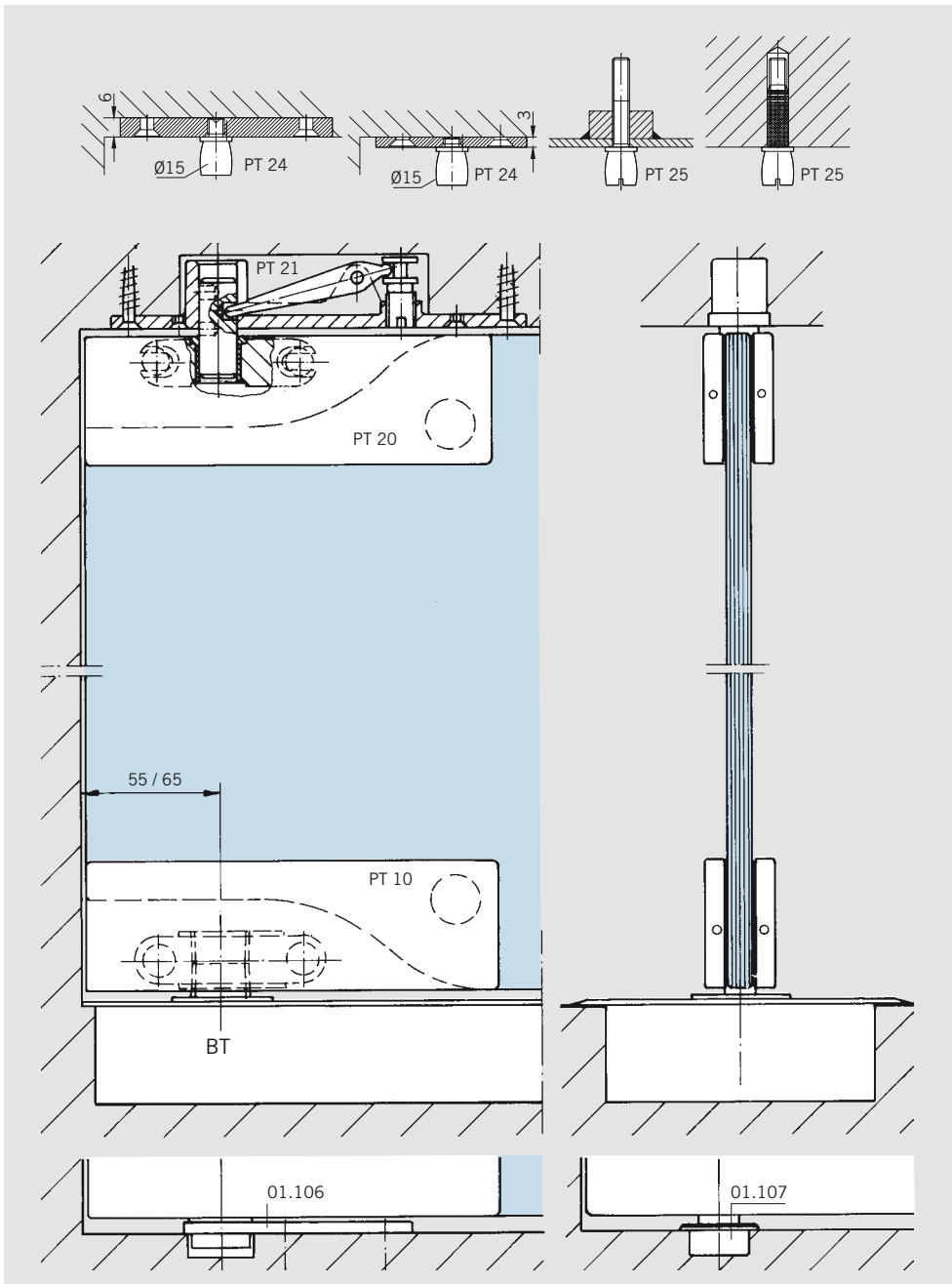
PT 90

Screw on fitting
Art. No. 07.021

Scale 1 : 2



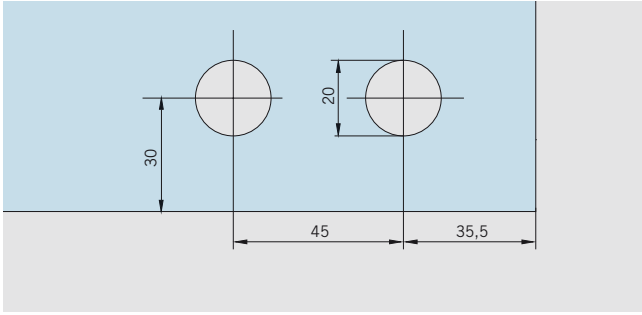
FIXING OF PIVOTS AND TOP CENTRES



Fixing of top pivots and top centres for PT 20.

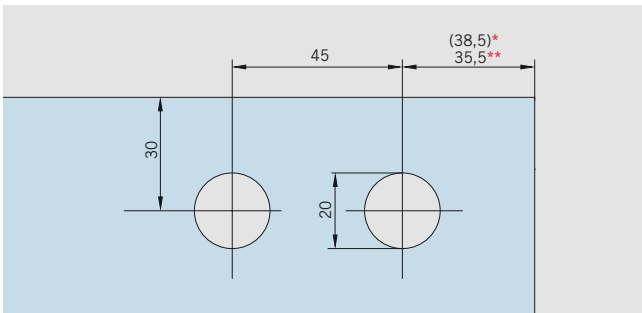
Fixing of floor springs, pivot bearings for PT 10.

GLASS PREPARATION



Art. No. 01.200, 01.201

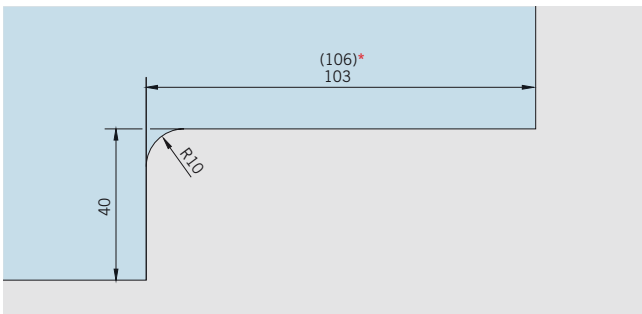
Scale 1 : 2



Top patch fittings

Art. No. 01.210*

Scale 1 : 2



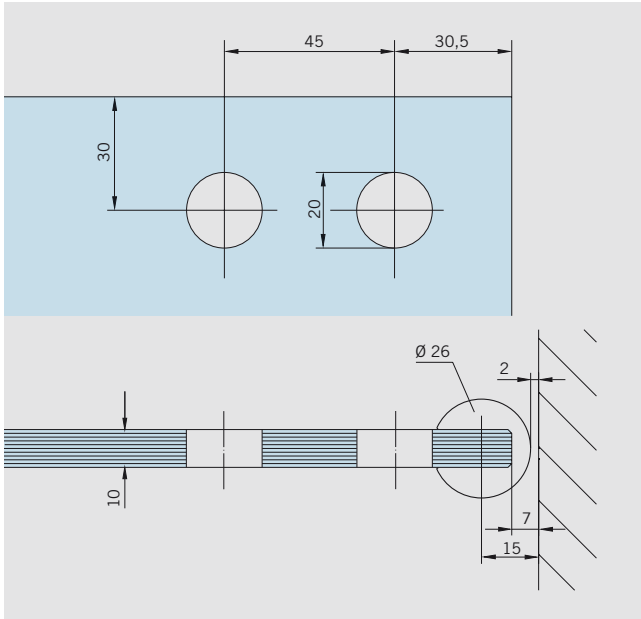
0

Art. No. 01.220*

Scale 1 : 2

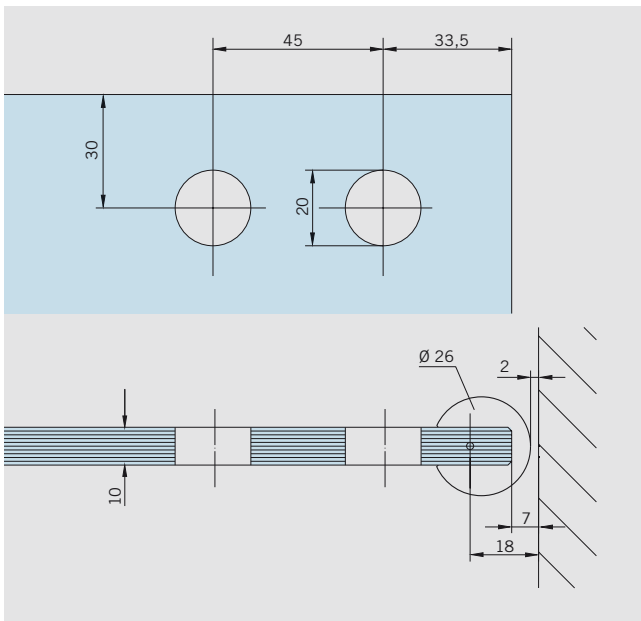
* When used in conjunction with pinch free bottom rail, with 18 mm pivot point

** Important information:
If radiused edging strip is used, special glass preparation is necessary. (see page 41).



Art. No. 01.200, 01.201 and
01.210,
in conjunction with radiused
edge strip
Art. No. 01.021.001.00

Scale 1 : 2

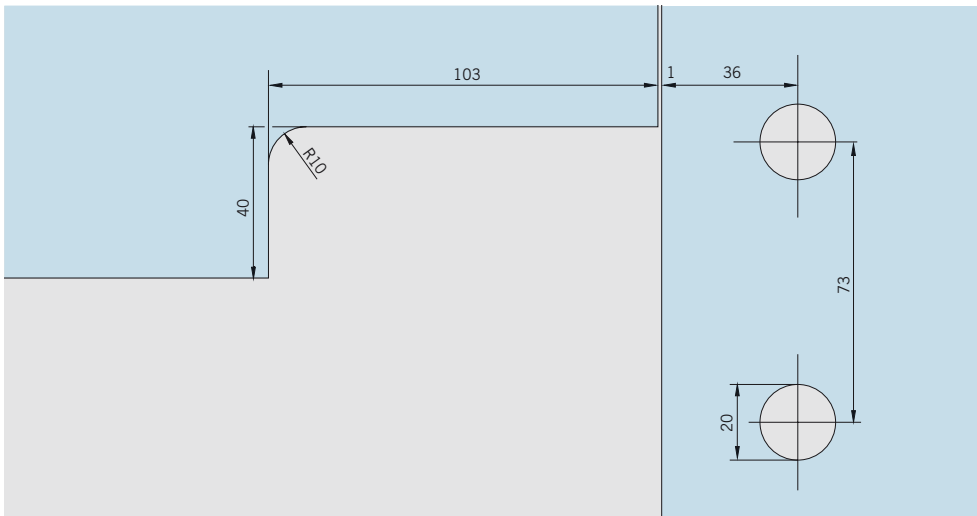


Top patch fitting

Art. No. 01.210
in conjunction with bottom rail
and radiused edge strip
Art. No. 01.021.001.00

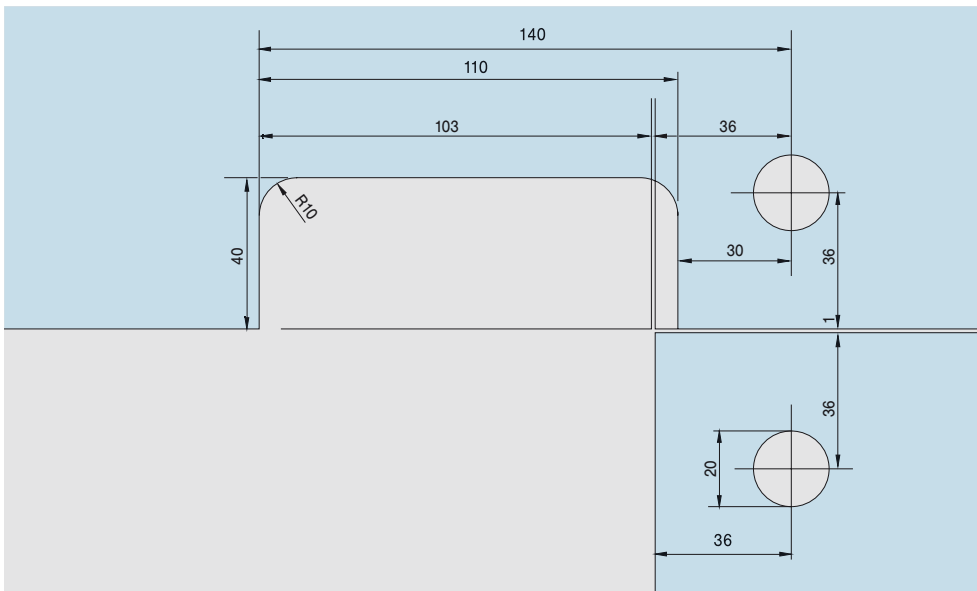
Scale 1 : 2

OVERPANEL AND SIDELIGHT



Art. No. 01.240, 01.245

Scale 1 : 2

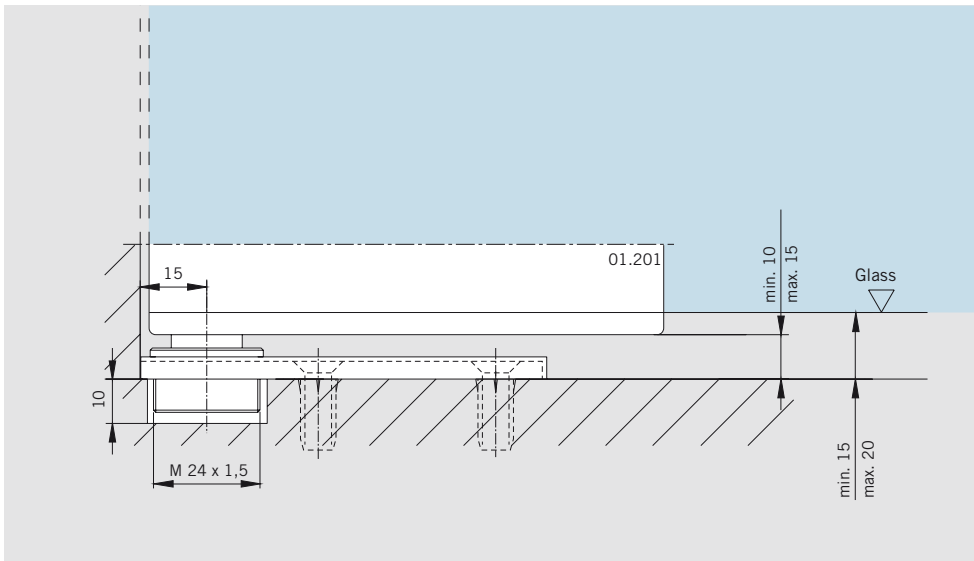


Undivided overpanel

Art. No. 01.240, 01.245

Scale 1 : 2

CONSTRUCTION DETAILS



Using the bottom patch on pivot bearing with cover plate (Art. No. 01.201) the air gap between floor and glass is 15–20 mm (by height adjustability). To reduce the air gap to 10 mm: Embed base plate into the floor.

RP

G
44

Patch fittings RP
46

Accessories
132

Safety-related information
157

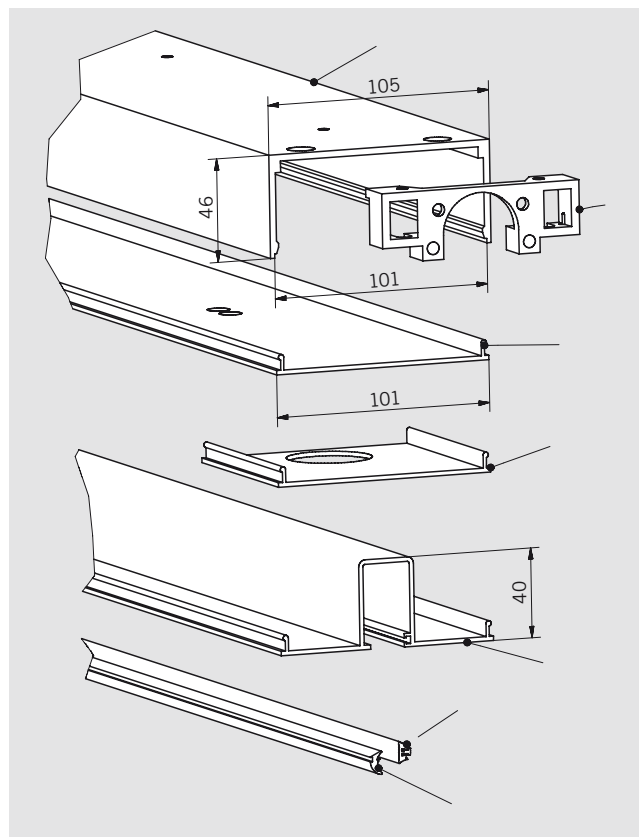


MARVELLOUSLY CONCEALED TRANSOM DOOR CLOSERS

The RP pivot door system works with a tubular transom profile in which the DORMA RTS transom closer is integrated and concealed. The system is fixed on the ceiling using brackets which are concealed after system installation. A top patch fitting (PT 22) attaches the all-glass door to the closer.

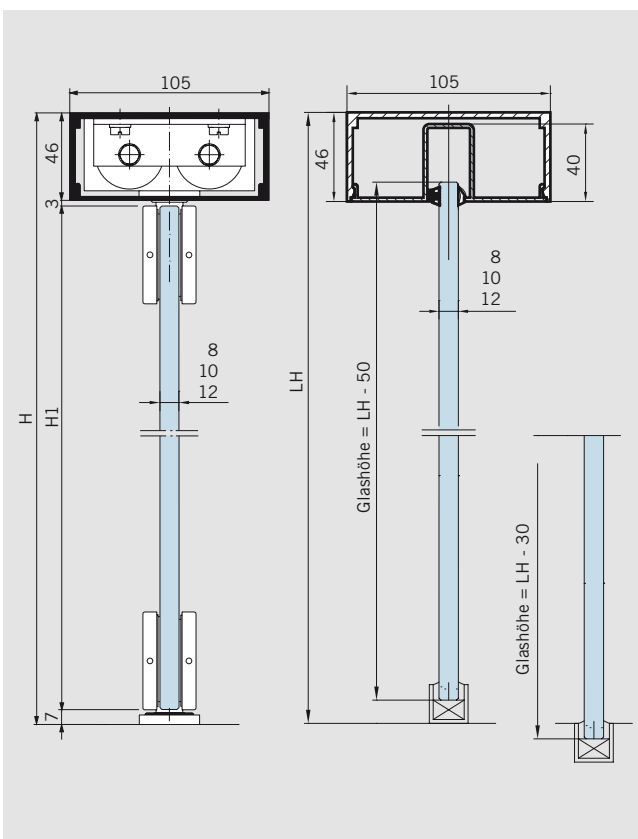
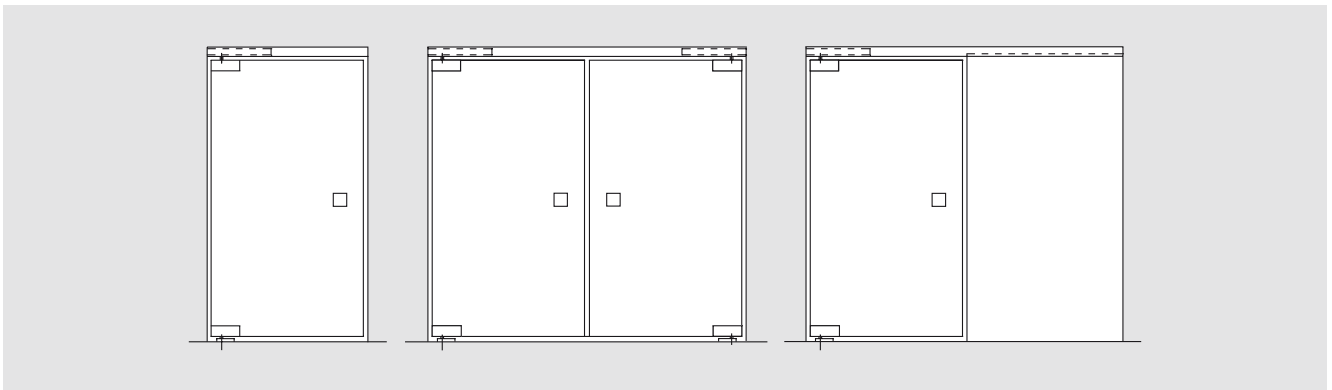
A bottom patch fitting (PT 10) connects the door to the floor pivot, which measures only a few centimetres. So glass thicknesses of 8 – 12 mm are feasible. The DORMA RTS transom closer not only returns the door to the zero position each time it is opened, it also has a special dampening system to

protect the door against unwanted impact caused by over-aggressive opening. In addition, the integral hold-open, which also comes as standard, enables the door to be held open at an angle of 90°.



- 1 Transom tube for fixing on ceiling, as lintel or similar, max. length 3000 mm
- 2 Cover profile for door, clip-on, max. length 3000 mm
- 3 Cover plate with cut-out for door closer spindle, length 90 mm
- 4 Cover profile for fixed sidelights, clip-on, with glazing groove
- 5/6 Contact profile / glass wedge profile, depending on combination for 8, 10 or 12 mm glass thicknesses of the sidelight
- 7 Fixing bracket for securing transom tube and closer

TYPE SELECTION



Options

- Single leaf double-action door with transom tube
- Pair of double-action doors with transom tube
- Double-action door with through-running transom tube and fixed sidelight

Materials and finishes

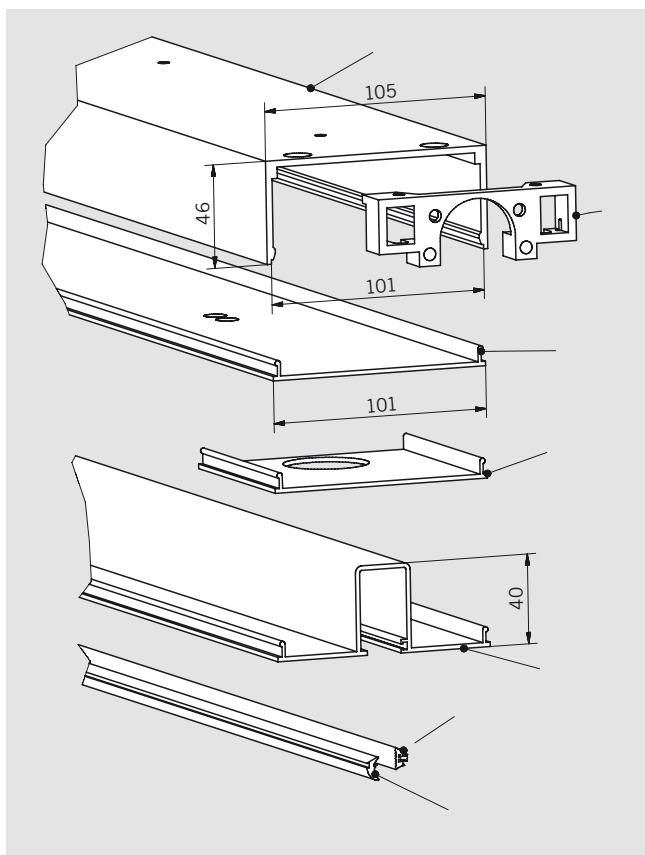
- Aluminium, silver anodised EV 1, C 0 (101)
- Aluminium, similar satin stainless steel anodised (113)
- Aluminium, white powder coated, similar to RAL 9016 (300)
- Bespoke colour anodising (199)
- Bespoke powder coating (399)

Door panel dimensions

- Glass thicknesses: 8 / 10 / 12 mm
- Max. door weight: 80 kg
- Max. door width: 1100 mm
- Door height (H1): H - 56 mm

Sidelight dimensions

- Glass thickness: 8 / 10 / 12 mm with two-part sealing profile
- Sidelight height: H - 30 mm + floor pocket, where required



- 1 Transom
for fixing at ceiling,
as lintel, or similar,

stock length 6000 mm
in fixed lengths

Art. No. 01.301
Art. No. 01.311

Weight in kg/m: 1.620
- 2 Cover profile
for door area, clip-on

stock length 6000 mm
in fixed lengths

Art. No. 01.302
Art. No. 01.305

Weight in kg/m: 0.610
- 3 Cover plate
with cut-out for door closer
spindle

length 90 mm

Art. No. 01.303

Weight in kg: 0.056
- 4 Cover profile with glass groove
to clip on Art.No. 01.301/
311, to hold fixed sidelights
inclusive
- 5/6 Contact profile or
glass wedge profile in
2 resp. 4 mm thicknesses,
depending on combination
for 8, 10 or 12 mm glass
thickness of the sidelight

stock length 6000 mm
in fixed lengths

Art. No. 01.304
Art. No. 01.314

Weight in kg/m: 0.810
- 7 Fixing bracket
for securing transom
tube and closer

Art. No. 01.306

Weight in kg: 0.080

EA

G
50

EA patch fittings for offset
hung doors, 24 mm frame
stop depth
52

EA patch fittings for offset
hung doors, various frame
stop depths
54

EA patch fittings for offset
hung doors in toughened glass
assemblies

56

Top centres for wood
and steel frames

58

Glass preparation details

60

Accessories

132

Safety-related information

157



THE EXPANSIVE RANGE WITH SLIMLINE BODIES FOR OFFSET HUNG DOORS

EA patch fittings are characterized by their slim, neat shape and skilful hinge design. This comprehensive range of fittings allows the transparent elegance of single-action doors to reach their full potential – whether hung in frames or integrated in toughened glass assemblies.

Easy glass preparation secure fixing
DORMA-Glas has an intimate knowledge of the special properties of glass as a building material. This has led to the design of fittings requiring only minimal glass preparation – a quick and easy cut out with additional holes. Carefully

considered and positive measures have been taken to create the maximum clamping surface with optimum clamping efficiency.

Suitable for 10, 12 and 8 mm glass thicknesses
DORMA EA patch fittings are available for 10 and 12 mm glass thicknesses. With additional gaskets these fittings can also be used for 8 mm glass.

Reliability built in
Quality materials and thorough workmanship mean that EA patch fittings have the features necessary to meet the most demanding of specifications.

Matching range of locks
The EA range includes a variety of locks and strike boxes in a matching design concept, giving the designer plenty of choice from the options available.

Virtually unlimited choice of colours and finishes
EA corner patches are available in the following finishes

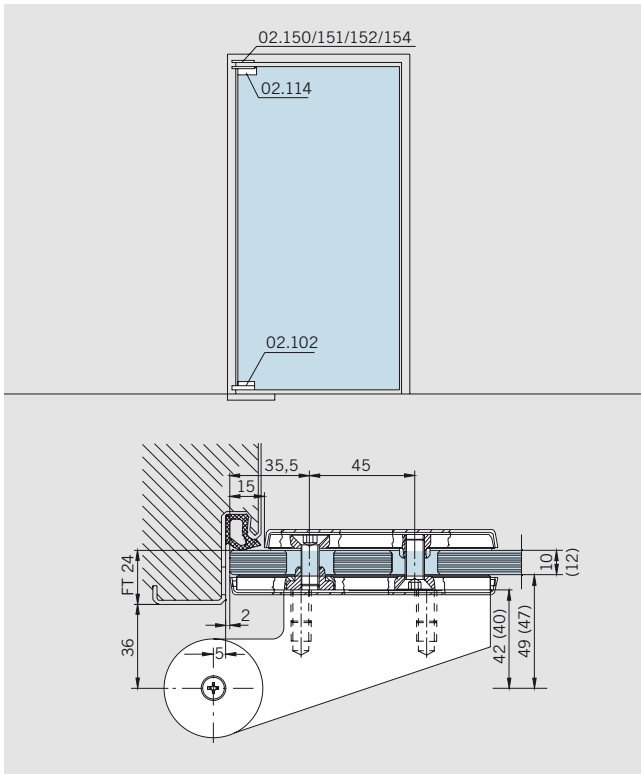
- Aluminium, silver anodised EV 1, C 0 (101)
- Aluminium, similar satin stainless steel (107)
- Brass, polished chromed (501)
- Brass, polished (503)
- Bespoke colour anodising (199)

- Bespoke powder coating (399)

Short delivery times
All the common patterns and types are available ex-stock (factory). Specials will be prepared promptly.



OFFSET HUNG DOORS IN REBATED FRAMES AND TOUGHENED GLASS ASSEMBLIES



n
n

max. door weight: 90 kg
max. door width: 1000 mm,
using a bottom door rail:
1100 mm

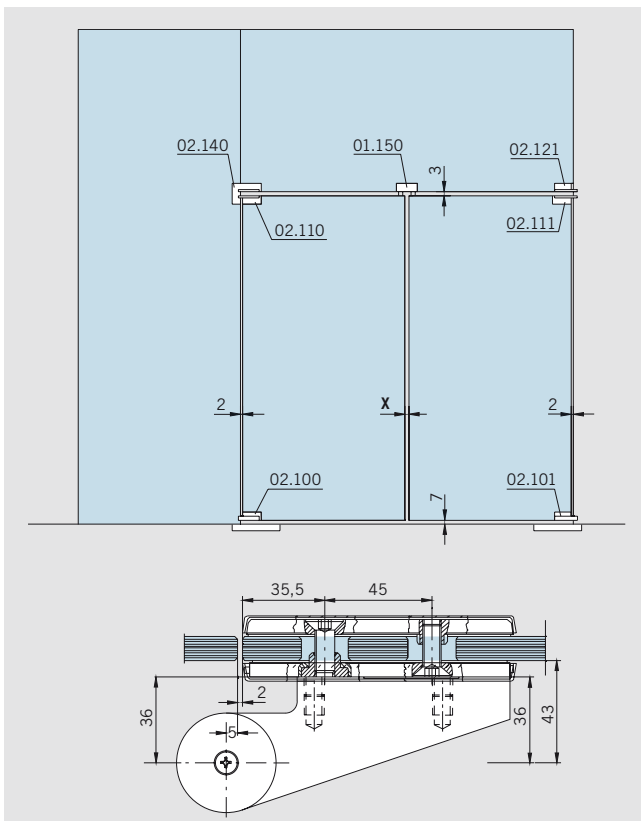
EA patch fittings for offset hung doors in rebated frames are supplied as standard prepared for 24 mm rebate depth. They can be prepared to suit rebate depths from 15 – 23 mm, and from 25 – 40 mm. Please specify rebate depth with order.

max. door weight for 25–40 mm rebate depth: 80 kg
max. door width for 25–40 mm rebate depth: 900 mm

For doors with max. weight of 80 kg and max. width of 1000 mm use door rails.

The top centre frame portions are prepared to suit wood and steel frames. For aluminium frames, please enquire, giving details of aluminium system.

FT = rebate depth



Offset hung doors in toughened glass assemblies

max. door weight: 100 kg
max. door width: 1100 mm

For door weights up to 100 kg and widths up to 1200 mm, door rails should be used.

EA patch fittings for offset hung doors in toughened glass assemblies have a 36 mm offset (= 43 mm from pivot point to glass surface).

Gap required between leaves on pairs of doors

Individual leaf width in mm	X = gap required in mm
400 – 600	8
600 – 1000	6

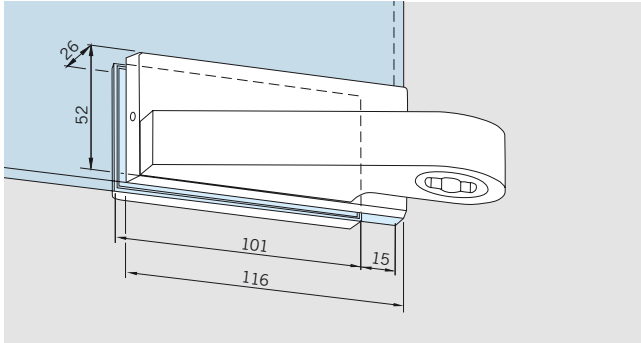
Torque for fixing screws
Screws M 8: 12 Nm

PATCH FITTINGS FOR OFFSET HUNG DOORS IN REBATED FRAMES WITH 24 MM REBATE DEPTH

For 10 mm glass thickness (42 mm offset = 49 mm from pivot point to glass surface), complete.

For 12 mm glass thickness (40 mm offset = 47 mm from pivot point to glass surface), complete.

Accessories see page 132.



B

to suit DORMA floor spring spindle, or round pivot
14 mm Ø counter-plate reduced by 15 mm to give free glass edge at side

For 10 mm glass thickness

For 12 mm glass thickness

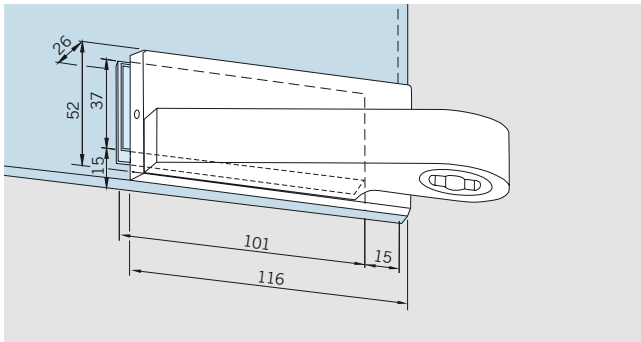
Art. No. *02.102 / 02.103

Art. No. *02.160 / 02.161

Weight in kg:

aluminium 0.747

brass 1.348



Bottom patch fitting

to suit DORMA floor spring spindle, or round pivot

14 mm Ø counter-plate reduced by 15 mm to give free glass edge at side and bottom

For 10 mm glass thickness

For 12 mm glass thickness

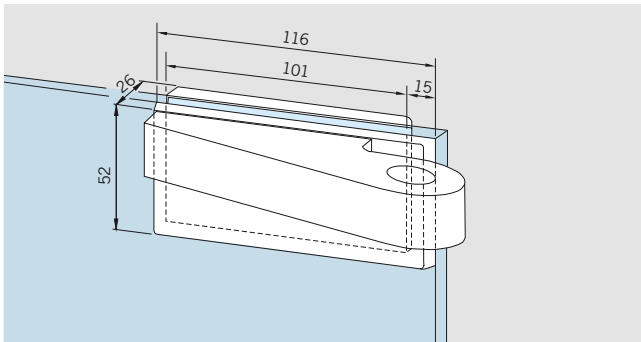
Art. No. *02.104 / 02.105

Art. No. *02.162 / 02.163

Weight in kg:

aluminium 0.715

brass 1.308



Top patch fitting

counter-plate reduced by 15 mm to give free glass edge at side

For 10 mm glass thickness

For 12 mm glass thickness

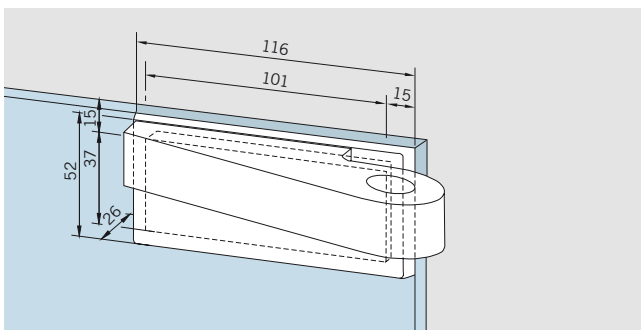
Art. No. *02.112 / 02.113

Art. No. *02.164 / 02.165

Weight in kg:

aluminium 0.680

brass 1.314



Top patch fitting

counter-plate reduced by 15 mm to give free glass edge at side and top

For 10 mm glass thickness

For 12 mm glass thickness

Art. No. *02.114 / 02.115

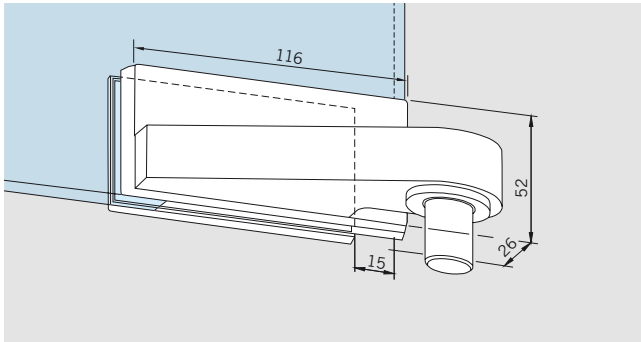
Art. No. *02.166 / 02.167

Weight in kg:

aluminium 0.644

brass 1.271

* Order of Art.No.: Left hand / right hand – determined by view from hanging side.
(Illustration shows right hand)

**Over**

counter-plate reduced by
15 mm to give free glass edge
at side, bushing outside \varnothing 20
mm, pivot \varnothing 15 mm

For 10 mm glass thickness

For 12 mm glass thickness

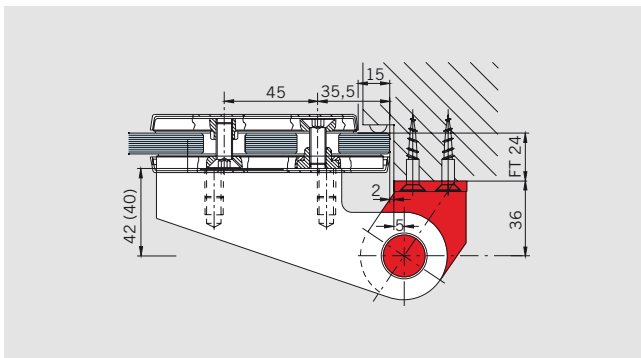
Art. No. *02.122 / 02.123

Art. No. *02.168 / 02.169

Weight in kg:

aluminium 0.654

brass 1.292

**Top patch fitting**

complete with pivot for frame
fixing, counter-plate reduced by
15 mm to give free glass edge
at side

For 10 mm glass thickness

For 12 mm glass thickness

Art. No. *02.206 / 02.207

Art. No. *02.170 / 02.171

Weight in kg:

aluminium 0.915

brass 1.821

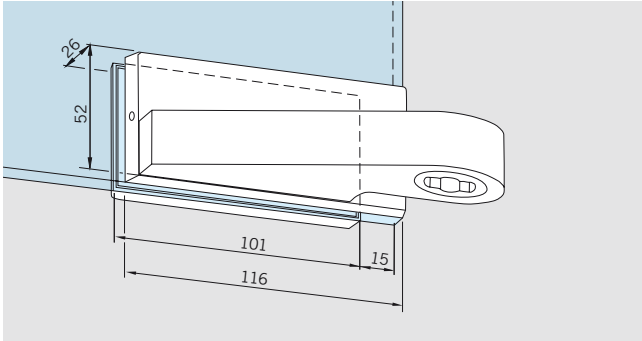
(For frames without rebate see
page 57.)

Order of Art.No.: Left hand / right hand – determined by view from hanging side.
(Illustration shows right hand)

PATCH FITTINGS FOR OFFSET HUNG DOORS IN REBATED FRAMES WITH VARIOUS FRAME STOP DEPTH



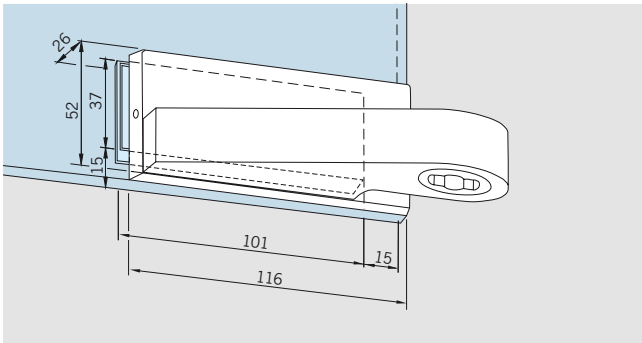
Rebate depth X = distance between outer surface of frame and rebate/stop (15 to 23 resp. 25 to 40 mm).
 Offset = rebate depth + 18 mm (33 to 41 resp. 43 to 58 mm). Complete, for 10 mm glass thickness.
 Accessories see page 132.



B
 to suit DORMA floor spring
 spindle or round pivot 14 mm Ø,
 counter-plate reduced by
 15 mm to give free glass edge
 at side

Art. No. *02.106 / 02.107

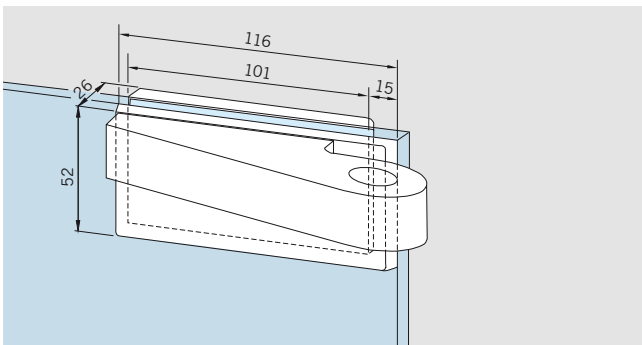
Weight in kg:
 aluminium 0.832
 brass 1.591



Bottom patch fitting
 to suit DORMA floor spring
 spindle or round pivot 14 mm Ø,
 counter-plate reduced by
 15 mm to give free glass edge
 at side and bottom

Art. No. *02.108 / 02.109

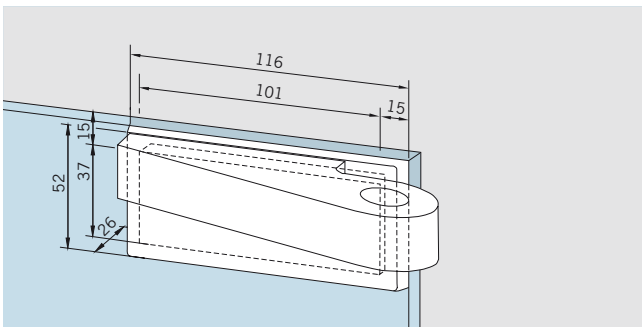
Weight in kg:
 aluminium 0.800
 brass 1.548



Top patch fitting
 counter-plate reduced by
 15 mm to give free glass edge
 at side

Art. No. *02.116 / 02.117

Weight in kg:
 aluminium 0.760
 brass 1.569

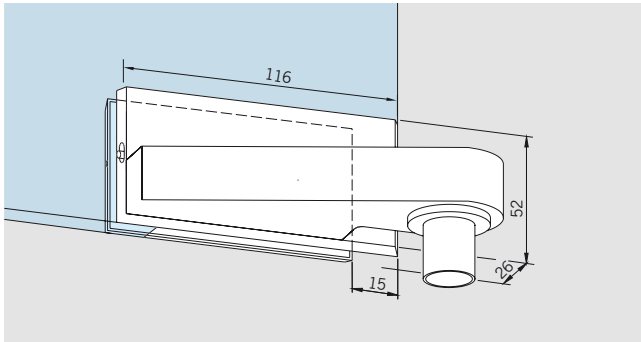


Top patch fitting
 counter-plate reduced by
 15 mm to give free glass edge
 at side and top

Art. No. *02.118 / 02.119

Weight in kg:
 aluminium 0.728
 brass 1.526

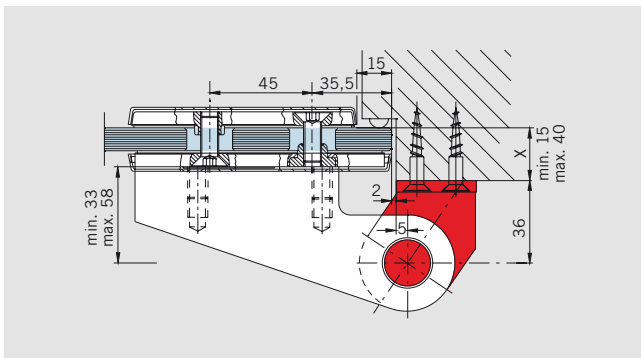
* Order of Art.No.: Left hand / right hand – determined by view from hanging side.
 (Illustration shows right hand)



an a in
counter-plate reduced by
15 mm to give free glass edge
at side

Art. No. 02.124 / 02.125

Weight in kg:
aluminium 0.724
brass 1.502



Top patch fitting
complete with pivot for frame
fixing, counter-plate reduced by
15 mm to give free glass edge
at side

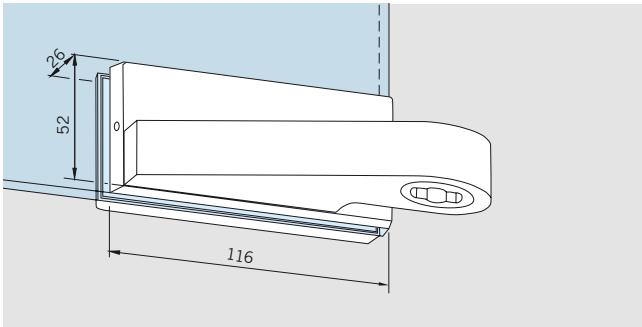
Art. No. *02.208 / 02.209

Weight in kg:
aluminium 0.995
brass 2.076

Order of Art.No.: Left hand / right hand – determined by view from hanging side.
(Illustration shows right hand)

PATCH FITTINGS FOR OFFSET HUNG DOORS IN TOUGHENED GLASS ASSEMBLIES

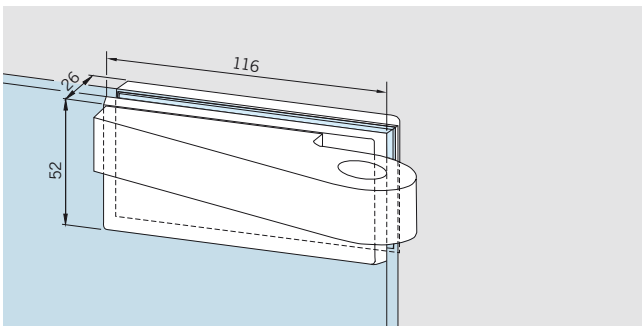
(36 mm offset = 43 mm from pivot point to glass surface), complete, for 10 and 12 mm glass thickness.



Bottom patch fitting
to suit DORMA floor spring
spindle, or round pivot
14 mm Ø

Art. No. *02.100 / 02.101

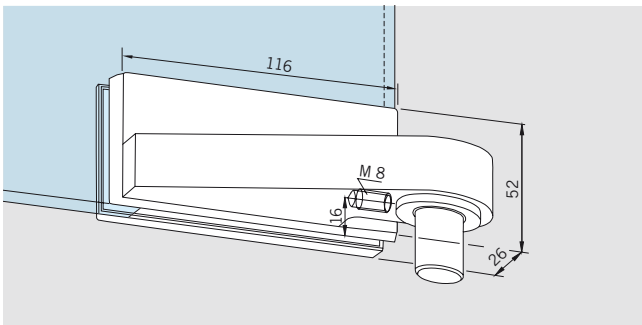
Weight in kg:
aluminium 0.730
brass 1.276



Top patch fitting

Art. No. *02.110 / 02.111

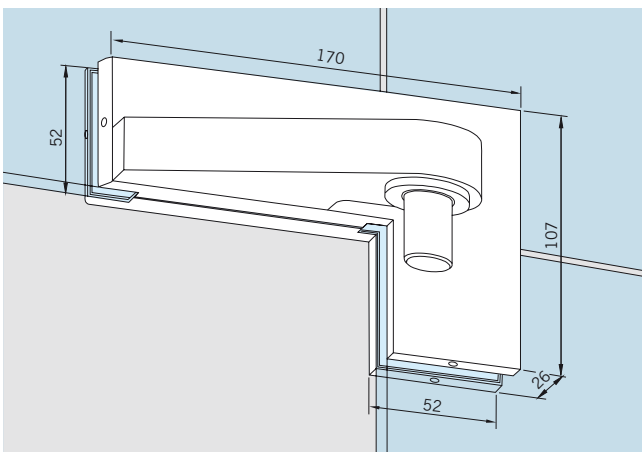
Weight in kg:
aluminium 0.660
brass 1.243



Overpanel patch fitting
bushing outside Ø 20 mm,
pivot Ø 15 mm

Art. No. *02.120 / 02.121

Weight in kg:
aluminium 0.637
brass 1.193



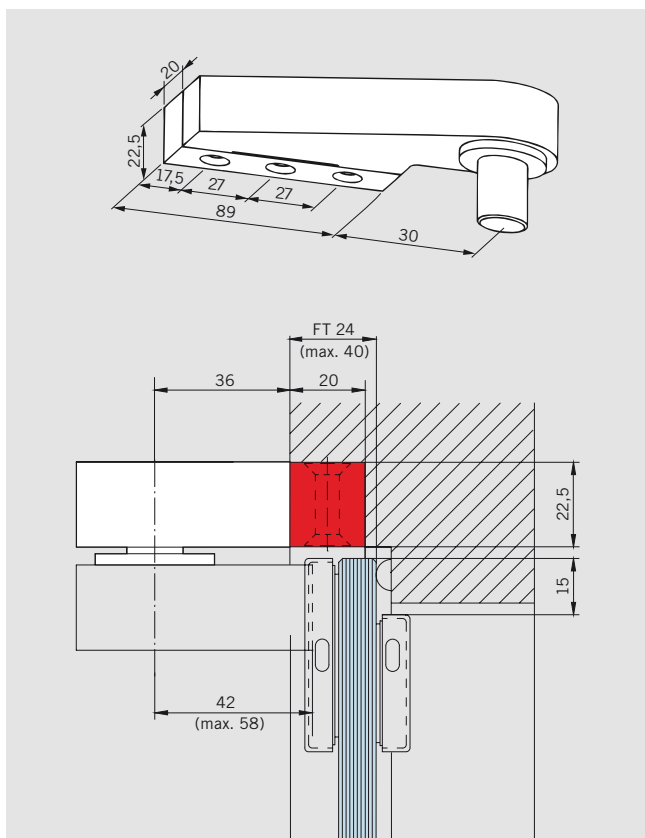
Patch fitting for overpanel
and sidelight
bushing outside
Ø 20 mm, pivot Ø 15 mm

Art. No. *02.140 / 02.141

Weight in kg:
aluminium 0.832
brass 1.409

* Order of Art.No.: Left hand / right hand – determined by view from hanging side.
(Illustration shows right hand)

TOP CENTRES FOR WOOD AND STEEL FRAMES

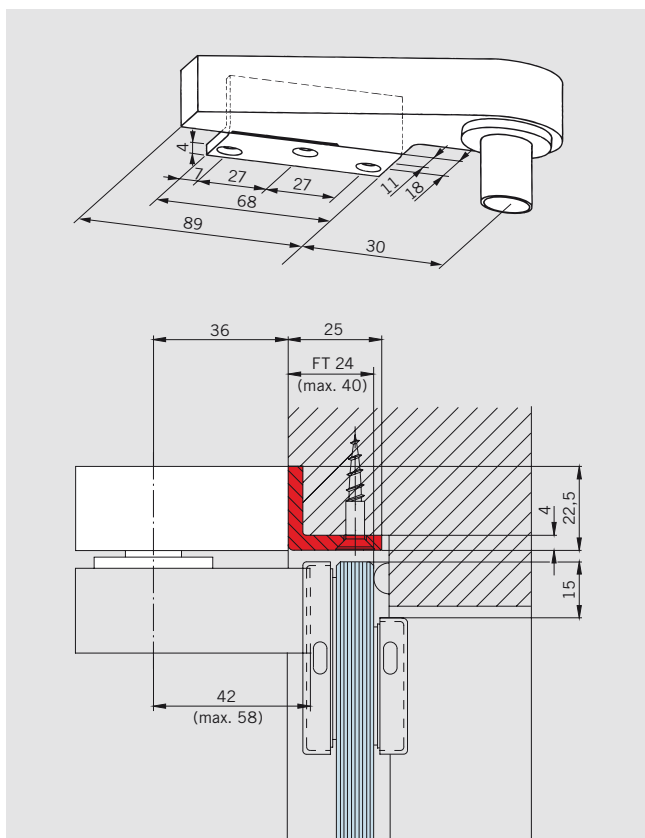


F
with fixing block

Art. No. 02.150

Weight in kg:
aluminium 0.471
brass 0.977

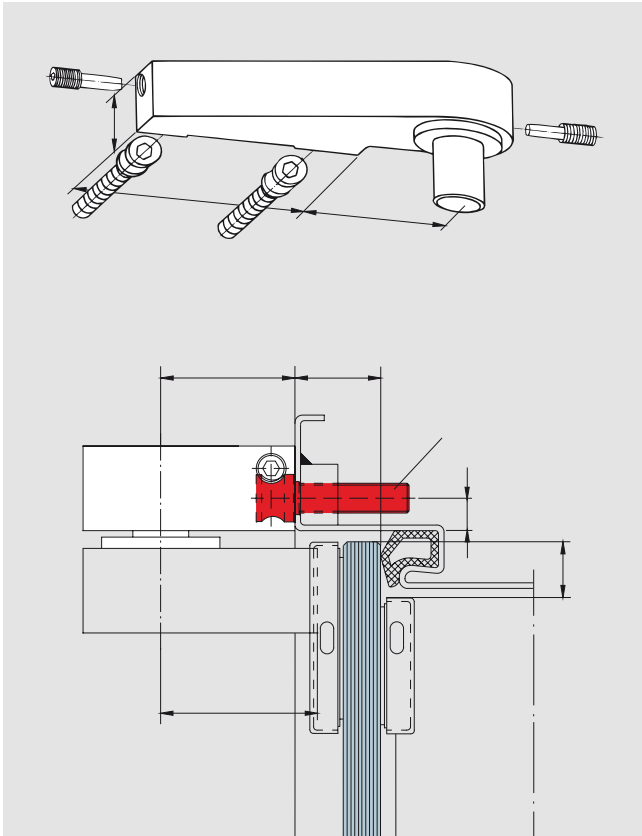
If corner fittings / door rails are combined with frame top centres as described, please indicate rebate depth with order.



Frame top centre
with angle bracket

Art. No. 02.151

Weight in kg:
aluminium 0.453
brass 0.959



only for steel frames, with
special wedge screw fixing

Art. No. 02.152/02.153

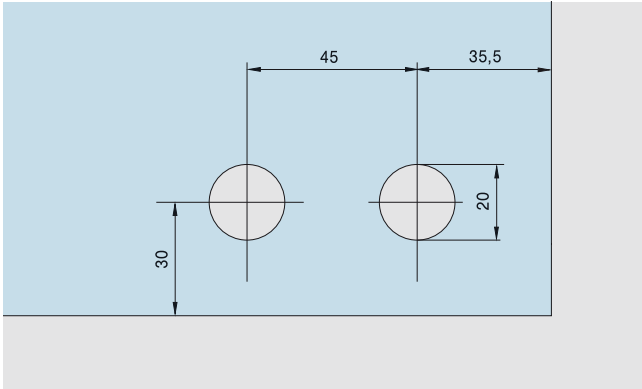
Weight in kg:

aluminium 0.390

brass 1.896

Drill jig:

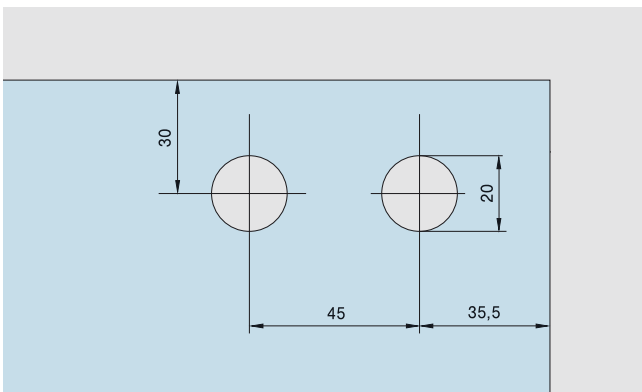
Art. No. 8.02.081.001.50



.8

Art. No.	Art. No.
left hand:	right hand:
02.100	02.101
02.102	02.103
02.104	02.105
02.106	02.107
02.108	02.109
02.160	02.161
02.162	02.163

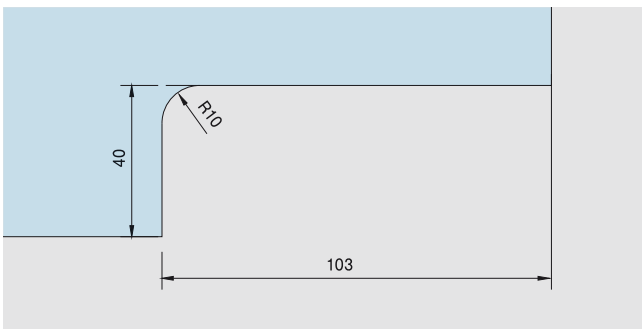
Scale 1 : 2



Top patch fittings

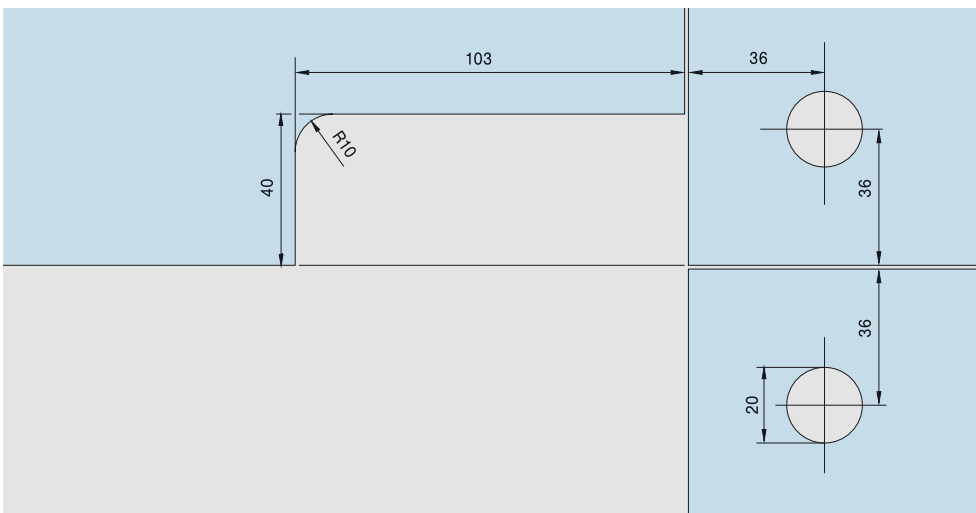
Art. No.	Art. No.
left hand:	right hand:
02.110	02.111
02.112	02.113
02.114	02.115
02.116	02.117
02.118	02.119
02.164	02.165
02.166	02.167

Scale 1 : 2



Overpanel patch fittings

Art. No.	A
----------	---



TP/TA

G ,
64

Rail cross sections
66

Construction details
67

TP door rails for centre hung
doors, pivot point 55/65 mm
68

TP door rails for centre hung
doors, pivot point 18 mm
73

Rails for side panel
77

TA door rails for offset hung
doors in toughened glass
assemblies
79

TA door rails for offset hung
doors in rebated frames, with
free glass edge left and right
82

TA door rails for pairs of offset
hung doors in rebated frames,
with free glass edge on hanging
side
84

Top centre frame portion
88

Alternative and special inserts
89

Accessories
132



TP/TA – DOOR RAILS WHICH LEAVE NOTHING TO BE DESIRED

TP/TA door and side panel rail coordinate in design, dimensions and finishes with all DORMA patch fittings. This creates the opportunity to specify fittings for the assembly which provide maximum protection and effective sealing of the lower glass edges. The provision of door rails allows the installation of extremely heavy-duty and wide doors.

Tamper resistant, with integral locks

The robust base rails are screwed together from alternate sides of the door at 150 mm centres. This makes unauthorised removal of the rail virtually impossible.

All door rails are available with integral locks, prepared for profile cylinders and with security rosettes, or prepared for certain lever locks.

Special security- and quality characteristics

The particular feature of the locks with bottom or top locking bolt is a special corrosion and abrasion resistant bolt with integrated safety roll pin (hardened). By this the locks comply to DIN 18251, class 3 (according to type testing*) and the highest corrosion resistance according to EN 1670, class 4 is achieved.

Furthermore the lock was tested successfully by a neutral testing institute with 500,000 latch and 100,000 locking bolt operating cycles.

Easy door adjustment – especially whilst hanging
Because TP/TA rails are a screw/clamp system, they have a great advantage over other systems. The rail can be adjusted up and down, and also side to side, to compensate for irregularities in the door opening.

Also, the clip-on rail cover has advantages. Because the door can be hung and secured without it, the covers need not be fixed until the wet trades have finished and the cleaners have been through.

No glass preparation, firm fixing
DORMA-Glas has an intimate knowledge of the special properties of glass as a building material. This has led to the design of rails requiring no glass preparation – no holes, no cut-outs. Carefully considered and positive measures have been taken to create the maximum clamping surface with optimum clamping efficiency.

Two heights, length to order, to suit 10 mm or 8 mm and 12 mm glass thickness – further glass thicknesses and versions for bullet-proof glass on request
All TP/TA door rails are available in 100 mm (4") or 76.5 mm (3") heights, and in lengths to your order. They are supplied as standard for 10 mm glass thickness; but with replacement gasket they will suit 12 mm or 8 mm glass thicknesses. On request the door rails of 100 mm height can also be realised for 13.5/15/17/19 and 21 mm glass thicknesses (for toughened, laminated glass) and versions for bullet-proof glass 13.5 – 30 mm glass thicknesses.

Variable pivot point and absolute pinch free on door rails for centre hung doors TP
All the inserts for door rails in the TP/TA range have been designed and manufactured to give two options in the pivot point distance from the sidepanel or frame

It can be either 55 mm or 65 mm (distance from pivot point to door edge – 53 mm and 63 mm respectively). In order to change from the standard dimension of 65 mm to 55 mm, the standard insert is unscrewed from the patch, rotated through 180°, and refixed in position. At 65 mm pivot point and the use of a special round profile (page 19) doors can be built pinch free (constant air gap of 4 mm).

Reliability built in
Quality materials and thorough workmanship mean that TP/TA rails have the features necessary to meet the most demanding of specifications.

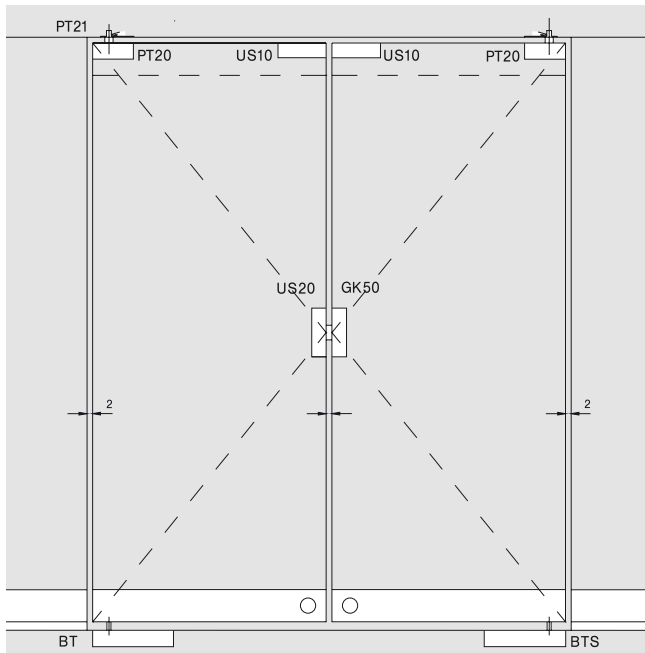
Short delivery times
All the common patterns and types are available ex-stock (factory). Specials will be prepared promptly.

Finishes
Special coatings are required at extreme environment conditions (i.e. coastal areas).

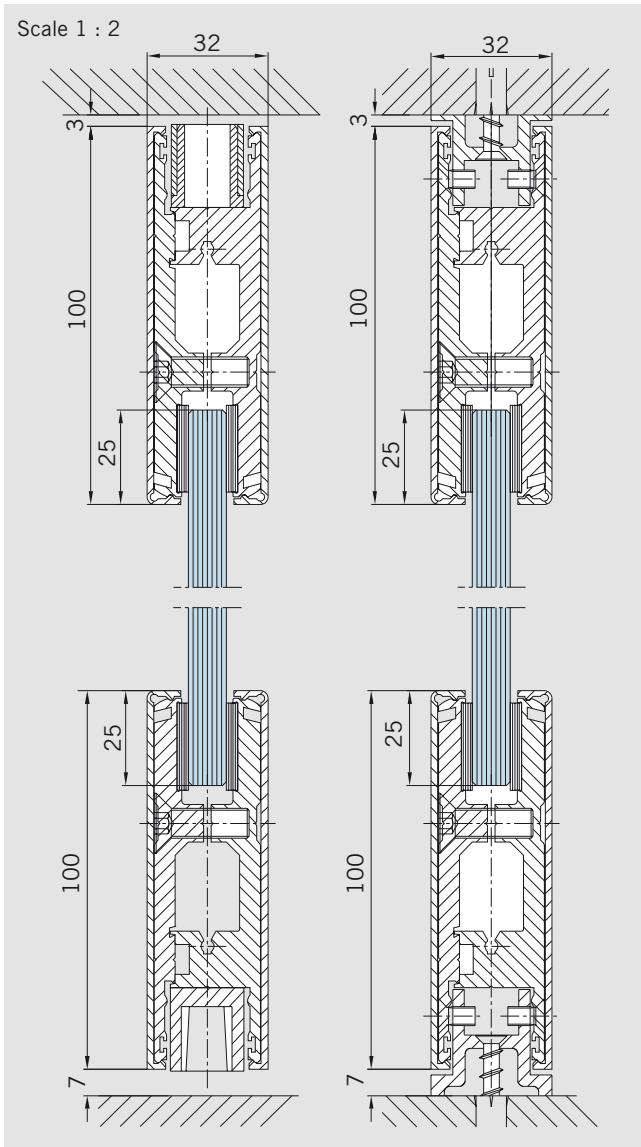
*Extract from DIN 18251, class 3: type-test with 50,000 locking bolt operating cycles.



TECHNICAL SPECIFICATIONS

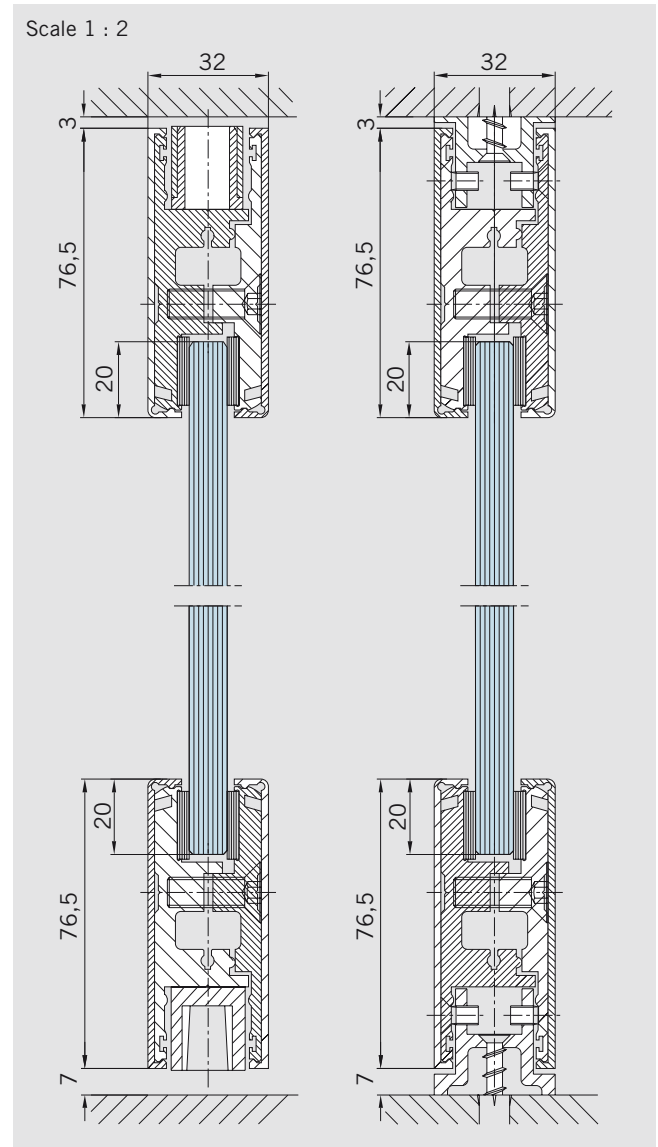


RAIL CROSS SECTIONS



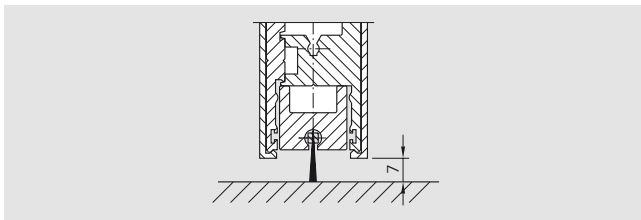
Door rails, 100 mm high

Side panel rails, 100 mm high



Door rails, 76.5 mm high

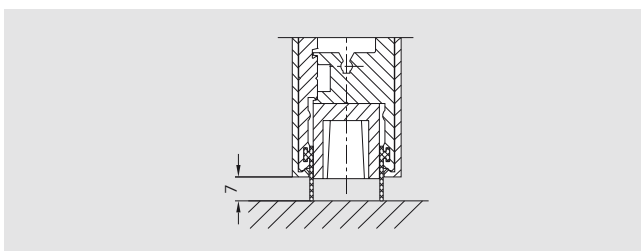
Side panel rails, 76.5 mm high



AGILE A
to prevent draughts and energy loss (not in the area of inserts, locks, etc.), connected with door rail at manufacturer

Art. No. 04.600

Weight in kg/m: 0.753



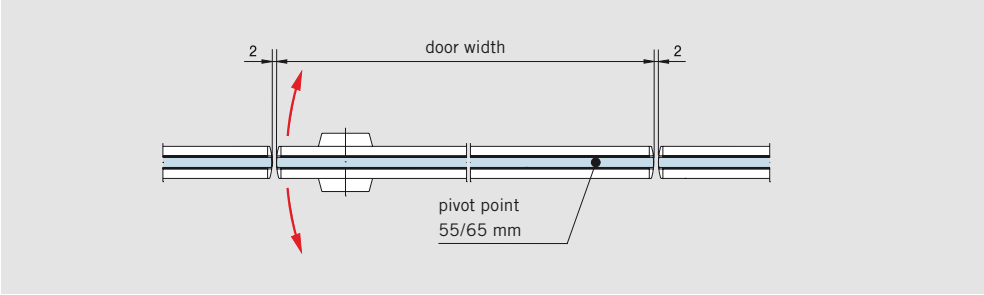
Rubber sealing
for door rails (also in the area of inserts, locks, etc.)
fixed length
stock length 200 m (= 1 coil)

Art. No. 04.607

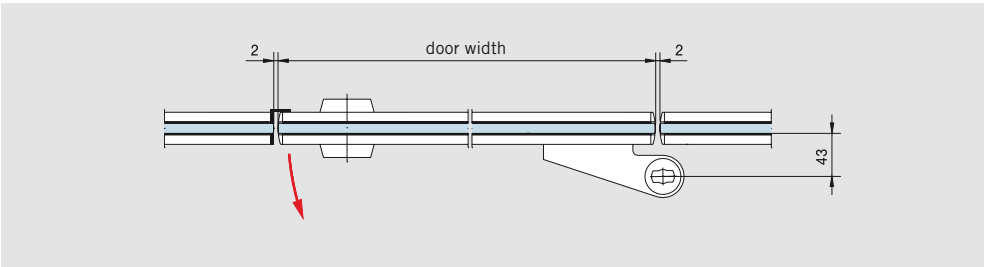
Art. No. 04.608

Weight in kg/m: 0.099

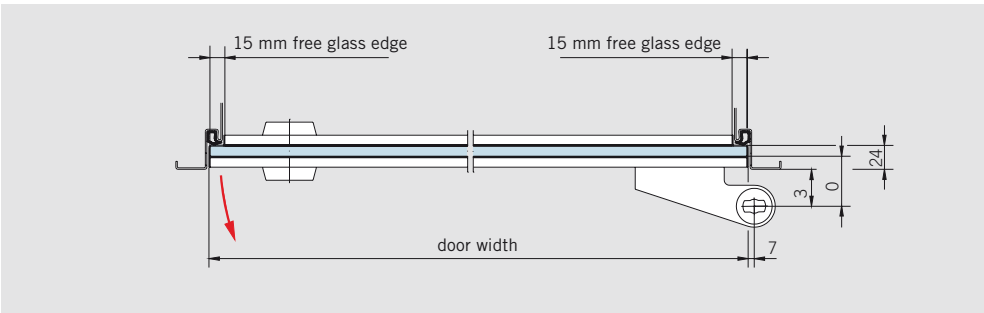
CONSTRUCTION DETAILS



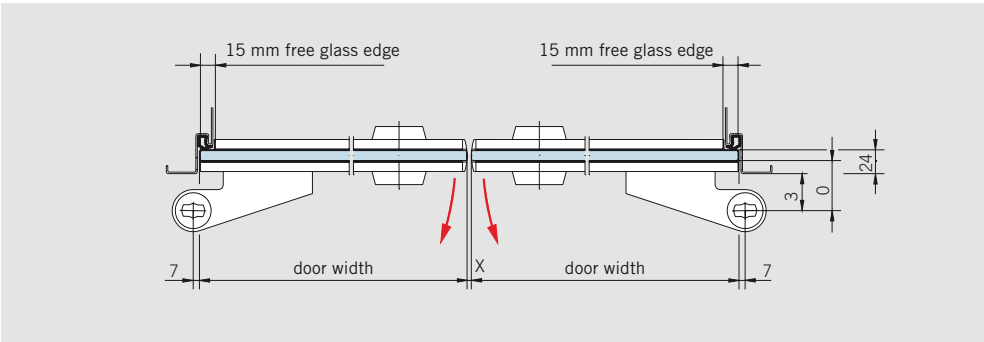
Centre hung doors



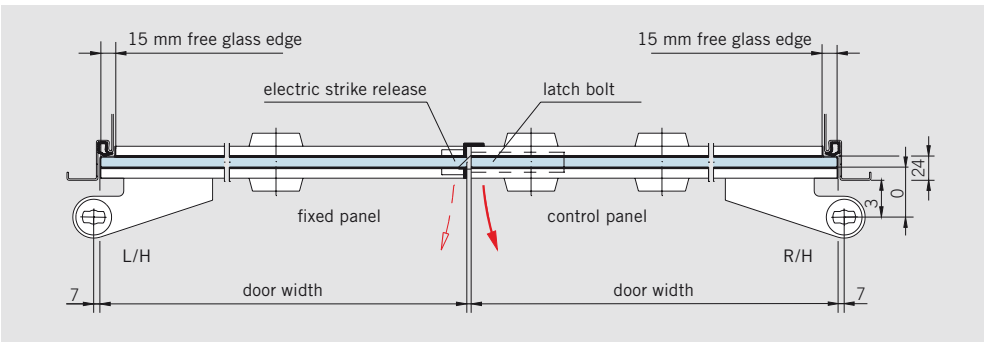
Offset hung door in toughened glass assembly



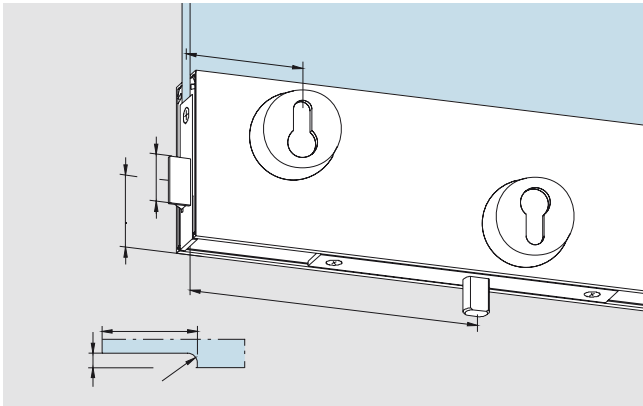
Offset hung door in rebated frame with 24 mm rebate depth



Pair of offset hung doors in rebated frame with 24 mm rebate depth



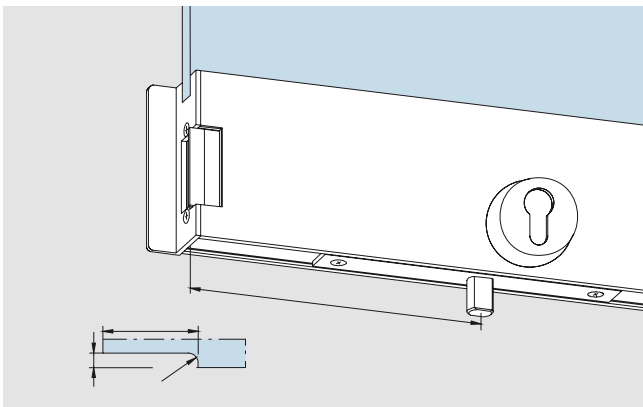
Pair of offset hung doors in rebated frame with 24 mm rebate depth (also available with inserts for centre hung doors), with electric strike release and latch bolt



with latch lock at side for electric strike release and floor locking bolt lock, prepared for Europrofile cylinder, single throw with corrosion resistant bolt and hardened safety roll pin. The use of latch lock or electric strike release results from a single action door situation.

Art. No. *04.191 / 04.193

Weight in kg/m:
 aluminium 6.667
 stainless steel 8.335

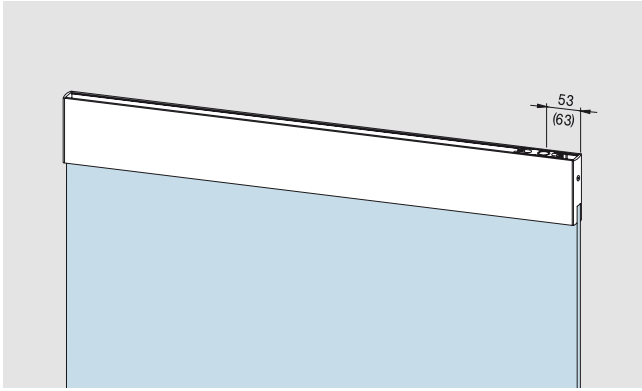


...with electric strike release at side (Standard: fail secure function, 6 to 12 V $-/\sim$) and floor locking bolt lock, prepared for Europrofile cylinder, single throw with corrosion resistant bolt and hardened safety roll pin. The use of latch lock or electric strike release result from a single action door situation.

Art. No. *04.196 / 04.198

Weight in kg/m:
 aluminium 5.586
 stainless steel 6.640

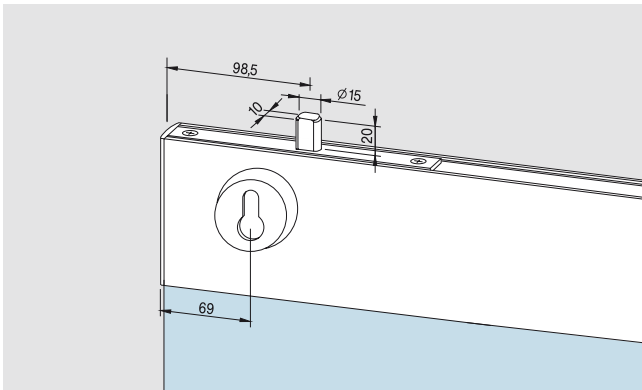
* Left/right hand (illustration shows right hand) are determined by view from hanging side.



with insert to take 15 mm Ø
pivot pin
100 mm:
76.5 mm

Art. No. 04.102
Art. No. 04.002

Weight in kg/m	100 mm	76.5 mm
aluminium	4.979	3.877
stainl. steel	5.918	4.681



...and top locking lock, prepared
for Europrofile cylinder, single
throw with corrosion resistant
bolt and hardened safety roll pin
100 mm:
76.5 mm

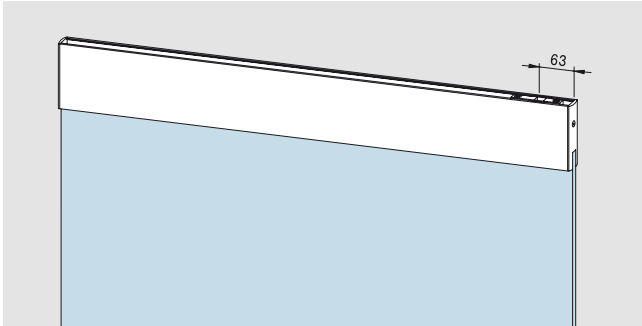
Art. No. 04.112
Art. No. 04.012

Weight in kg/m	100 mm	76.5 mm
aluminium	5.314	4.212
stainl. steel	6.368	5.131

Not illustrated:
...with top locking lock prepared
for KABA, single throw with
corrosion resistant bolt and
hardened safety roll pin
100 mm:
76.5 mm

100 mm Art. No. 04.164
76.5 mm Art. No. 04.064

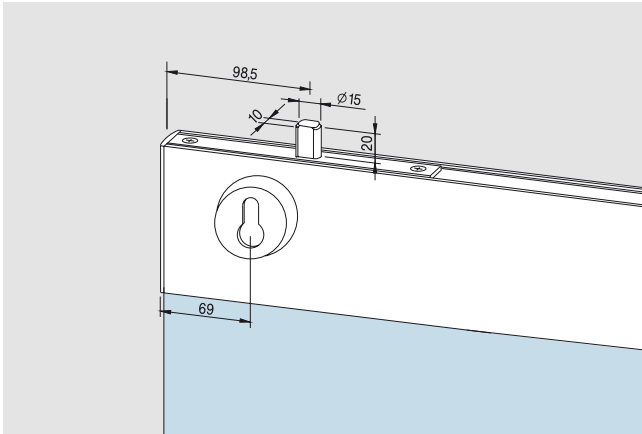
Weight in kg/m	100 mm	76.5 mm
aluminium	5.314	4.212
stainl. steel	6.368	5.131



with insert for DORMA RTS
transom closer
100 mm:
76.5 mm:

Art. No. 04.106
Art. No. 04.006

Weight in kg/m	100 mm	76.5 mm
aluminium	5.145	4.043
stainl. steel	6.207	4.847



...and top locking lock, prepared
for Europrofile cylinder, single
throw with corrosion resistant
bolt and hardened safety roll pin
100 mm:
76.5 mm:

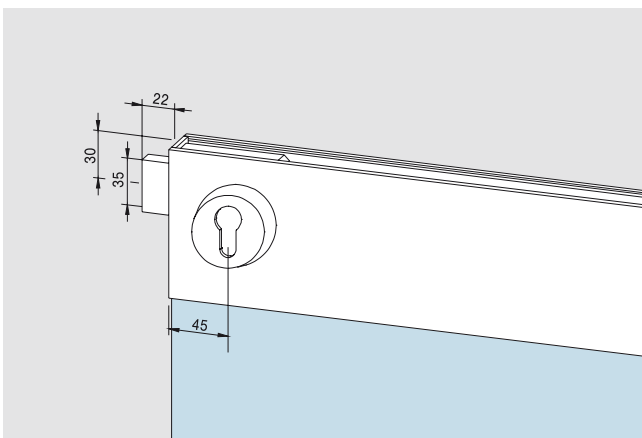
Art. No. 04.116
Art. No. 04.016

Weight in kg/m	100 mm	76.5 mm
aluminium	5.480	4.378
stainl. steel	6.657	5.297

Not illustrated:
...with top locking lock prepared
for KABA, single throw with
corrosion resistant bolt and
hardened safety roll pin
100 mm:
76.5 mm:

Art. No. 04.167
Art. No. 04.067

Weight in kg/m	100 mm	76.5 mm
aluminium	5.480	5.145
stainl. steel	6.655	6.207



...and side locking lock,
prepared for Europrofile
cylinder, double throw
100 mm:

Art. No. 04.126

Weight in kg/m:	
aluminium	5.378
stainless steel	6.555

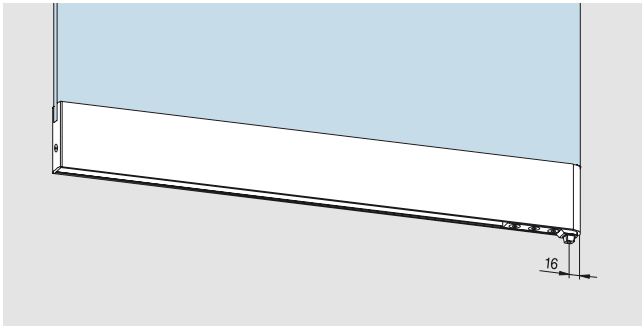
Not illustrated:
Gasket

Art. No. 01.900
to suit 8 mm glass thickness
(1 m = 1 pc.)

Art. No. 01.901
to suit 12 mm glass thickness
(1 m = 1 pc.)

DOOR RAILS FOR CENTRE HUNG DOORS

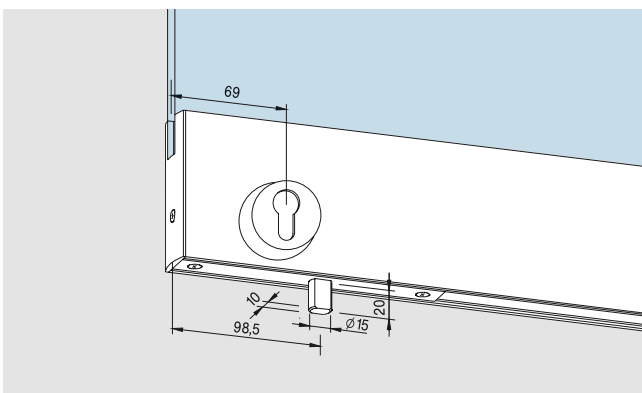
Pivot point 18 mm
 Complete, for 10 mm glass thickness



B
 with DORMA floor spring
 spindle insert
 100 mm:
 76.5 mm:

Art. No. 04.103
 Art. No. 04.003

Weight in kg/m	100 mm	76.5 mm
aluminium	5.218	4.126
stainl. steel	6.193	4.824



...with floor locking lock,
 prepared for Europrofile cylinder, single throw with corrosion resistant bolt and hardened safety roll pin
 100 mm:
 76.5 mm:

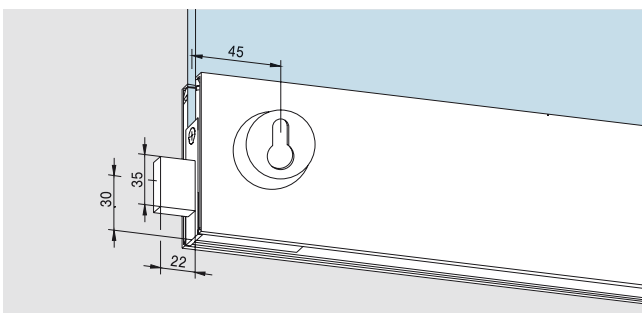
Art. No. 04.113
 Art. No. 04.013

Weight in kg/m	100 mm	76.5 mm
aluminium	5.553	4.461
stainl. steel	6.643	5.274

Not illustrated:
 ...with floor locking lock prepared for KABA, single throw (not illustrated) with corrosion resistant bolt and hardened safety roll pin
 100 mm:
 76.5 mm:

Art. No. 04.165
 Art. No. 04.065

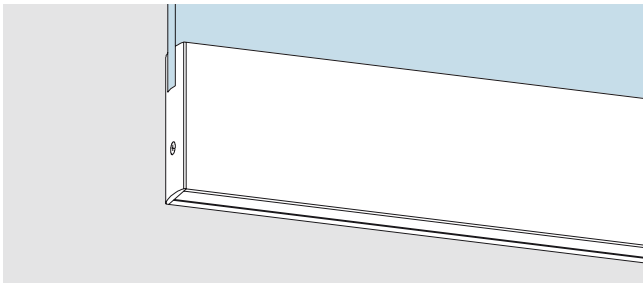
Weight in kg/m	100 mm	76.5 mm
aluminium	5.553	5.228
stainl. steel	6.664	6.280



... with side locking lock,
 prepared for Europrofile cylinder, double throw
 100 mm:

Art. No. 04.123

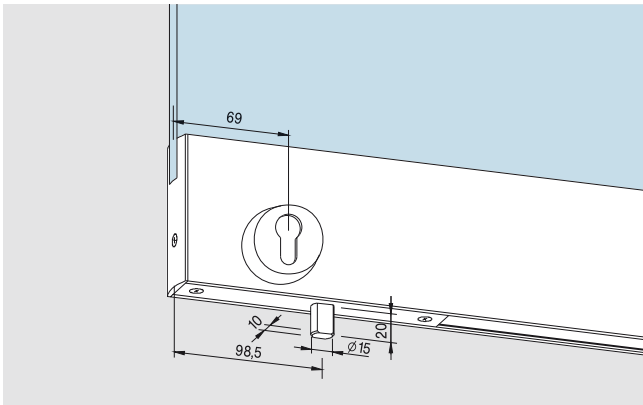
Weight in kg/m:
 aluminium 5.451
 stainless steel 6.541



...prepared for floor bearing
100 mm:
76.5 mm:

Art. No. 04.107
Art. No. 04.007

Weight in kg/m	100 mm	76.5 mm
aluminium	4.938	3.898
stainl. steel	5.975	4.606



with floor locking
lock, prepared for Europrofile cylinder, single throw with corrosion resistant bolt and hardened safety roll pin, prepared for floor bearing
100 mm:
76.5 mm:

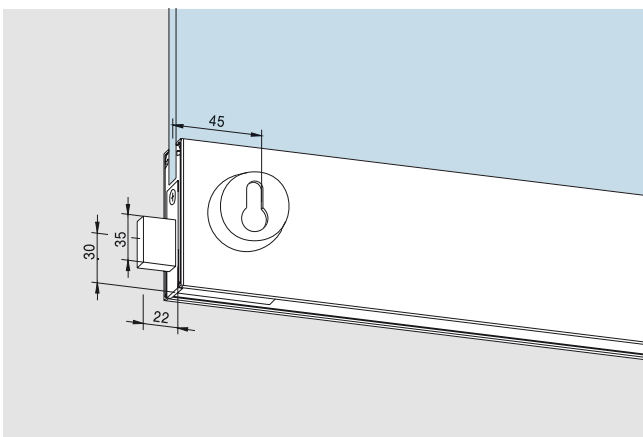
Art. No. 04.117
Art. No. 04.017

Weight in kg/m	100 mm	76.5 mm
aluminium	5.334	4.243
stainl. steel	6.425	5.056

Not illustrated:
...with floor locking lock prepared for KABA, single throw with corrosion resistant bolt and hardened safety roll pin, prepared for floor bearing
100 mm:
76.5 mm:

Art. No. 04.168
Art. No. 04.068

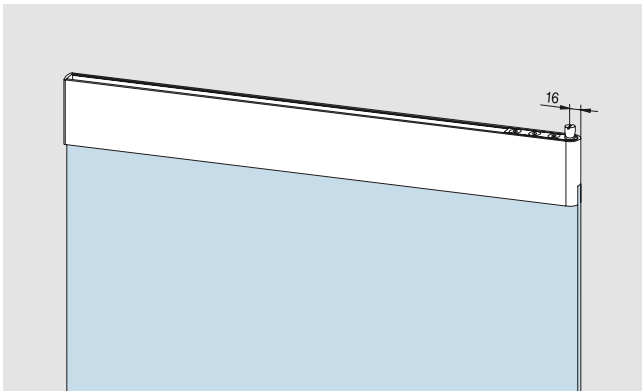
Weight in kg/m	100 mm	76.5 mm
aluminium	5.334	4.243
stainl. steel	6.425	5.056



...with side locking lock, prepared for Europrofile cylinder, double throw, prepared for floor bearing
100 mm:

Art. No. 04.127

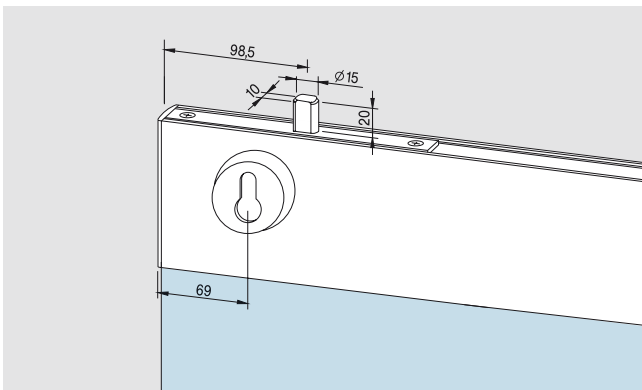
Weight in kg/m:
aluminium 5.233
stainless steel 6.323



with 15 mm Ø pivot pin
 100 mm:
 76.5 mm:

Art. No. 04.104
 Art. No. 04.004

Weight in kg/m	100 mm	76.5 mm
aluminium	5.000	3.908
stainl. steel	5.975	4.606



...and top locking lock, prepared for Europrofile cylinder, single throw with corrosion resistant bolt and hardened safety roll pin
 100 mm:
 76.5 mm:

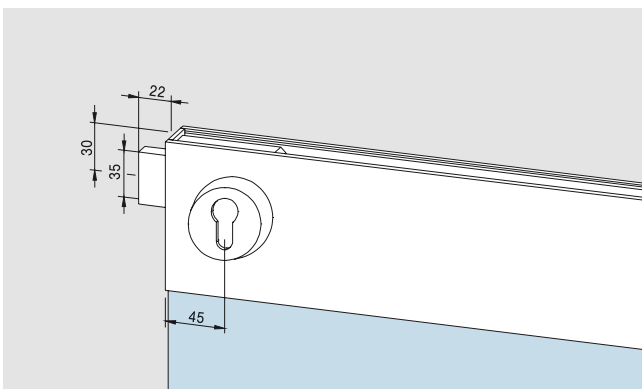
Art. No. 04.114
 Art. No. 04.014

Weight in kg/m	100 mm	76.5 mm
aluminium	5.335	4.243
stainl. steel	6.425	5.056

Not illustrated:
 ...with top locking lock prepared for KABA, single throw with corrosion resistant bolt and hardened safety roll pin
 100 mm:
 76.5 mm:

Art. No. 04.166
 Art. No. 04.066

Weight in kg/m	100 mm	76.5 mm
aluminium	5.335	4.243
stainl. steel	6.425	5.056



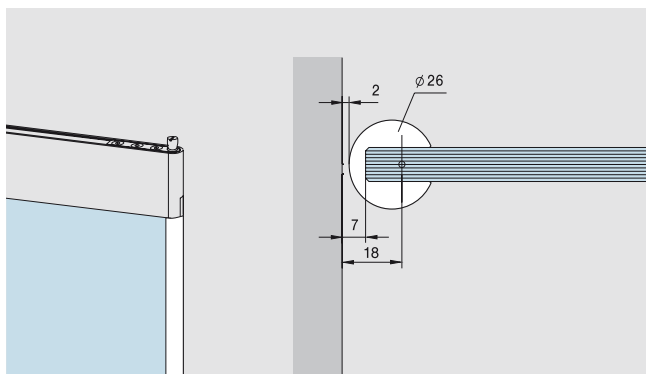
...with side locking lock, prepared for Europrofile cylinder, double throw
 100 mm:

Art. No. 04.124

Weight in kg/m:
 aluminium 5.233
 stainless steel 6.323

RADIUSED EDGING STRIP

Acryl, transparent, to clamp onto free glass edge. For optimal pinch protection. For application with door rails with 18 mm pivot point.



Radiused edging strip

Please indicate door height and type of fitting with order.

up to 4500 mm length

fixed length: 2250 mm

Art. No. 01.231

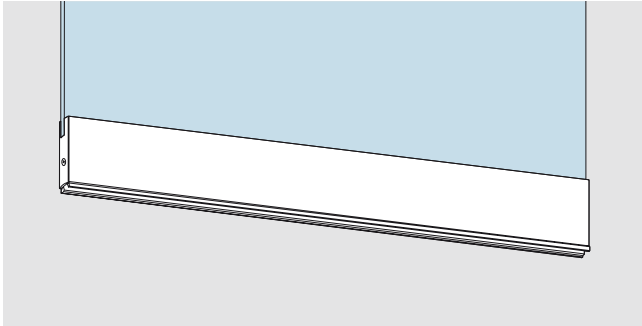
Art. No. 01.230

Notice:

When radiused edging strip is used the following glass measurement is valid:
door rail width – 5 mm.

RAILS FOR SIDE PANEL

complete, for 10 mm glass thickness

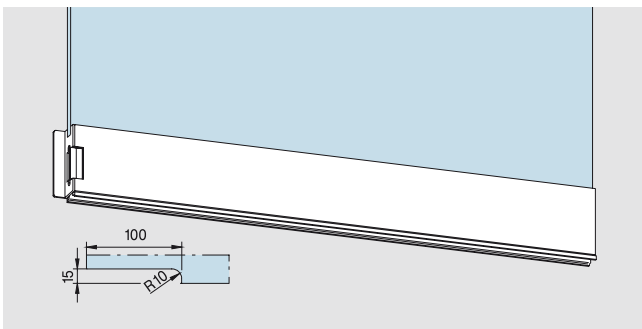


Bottom rail for side panel,
up to approx. 6000 mm long
with rail filler insert 7 mm

100 mm:
76.5 mm:

Art. No. 04.301
Art. No. 04.201

Weight in kg/m	100 mm	76.5 mm
aluminium	5.604	4.504
stainl. steel	6.494	5.273



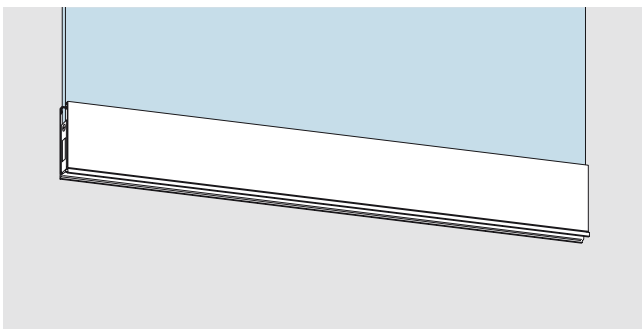
...with electric strike release
(standard: fail secure function,
6 to 12 V -/~), door width up
to 1200 mm (> 1200 mm on
request)

100 mm:

Art. No. *04.0311/04.313

Weight in kg/m:

aluminium	5.116
stainless steel	6.055



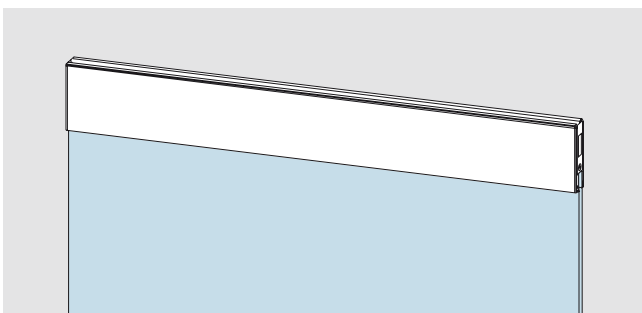
...with strike-box for side bolt
locking, door width up to
1200 mm (> 1200 mm on
request)

100 mm:

Art. No. 04.315

Weight in kg/m:

aluminium	4.979
stainless steel	5.918



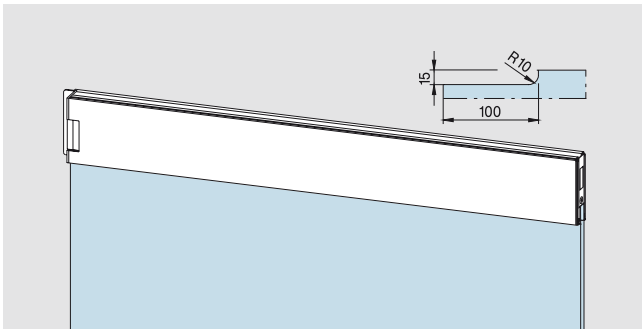
Top rail for side panel,
up to approx. 6000 mm long
with rail filler insert 3 mm

100 mm:
76.5 mm:

Art. No. 04.302
Art. No. 04.202

Weight in kg/m	100 mm	76.5 mm
aluminium	5.441	4.341
stainl. steel	6.331	5.110

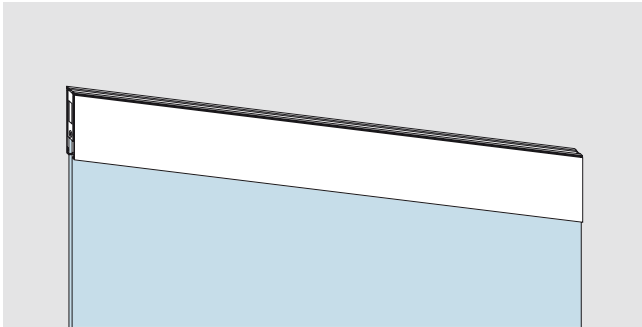
* Left / right hand (illustration shows right hand) are determined by view from hanging side.



...with electric strike release
 (standard: fail secure function,
 6 to 12 V -/~)
 100 mm:

Art. No. *04.312 / 04.314

Weight in kg/m:
 aluminium 5.578
 stainless steel 6.468



...with strike-box for side bolt
 locking
 100 mm:

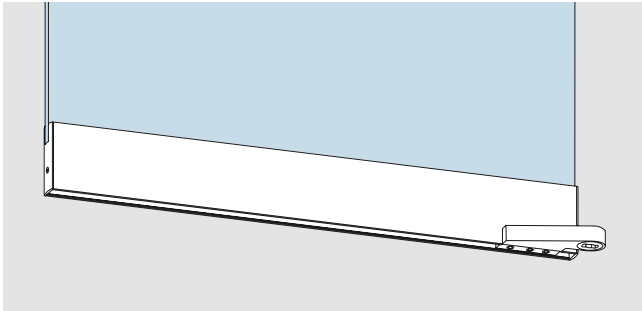
Art. No. 04.316

Weight in kg/m:
 aluminium 5.441
 stainless steel 6.331

* Left / right hand (illustration shows right hand) are determined by view from hanging side.

DOOR RAILS FOR OFFSET HUNG DOORS IN TOUGHENED GLASS ASSEMBLIES WITHOUT REBATED FRAMES

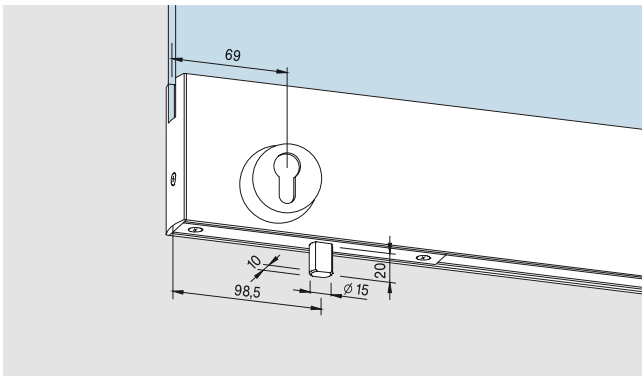
Complete, for 10 mm glass thickness, strap 34 mm, without free glass edges, pivot point to glass surface 43 mm



Bottom rail
100 mm:
76.5 mm:

Art. No. *04.131 / 04.133
Art. No. *04.031 / 04.033

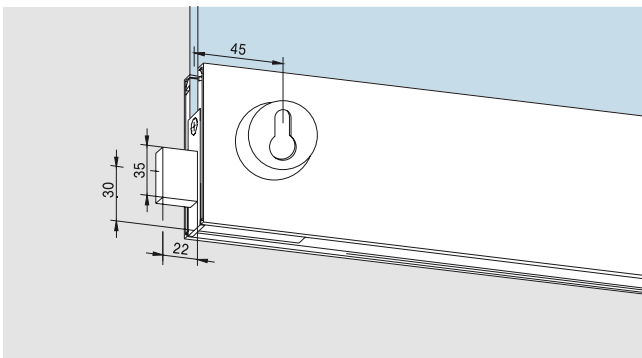
Weight in kg/m	100 mm	76.5 mm
aluminium	5.359	4.257
stainl. steel	6.792	5.555



...with floor locking lock,
prepared for Europrofile cylinder,
single throw with corrosion
resistant bolt and hardened
safety roll pin
100 mm:
76.5 mm:

Art. No. *04.151 / 04.153
Art. No. *04.051 / 04.053

Weight in kg/m	100 mm	76.5 mm
aluminium	5.694	4.592
stainl. steel	7.242	6.005

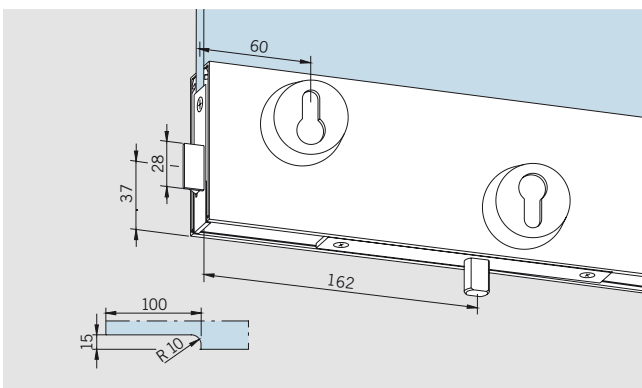


...with side locking lock,
prepared for Europrofile cylinder,
double throw
100 mm:

Art. No. *04.171 / 04.173

Weight in kg/m:

aluminium	5.592
stainless steel	7.140



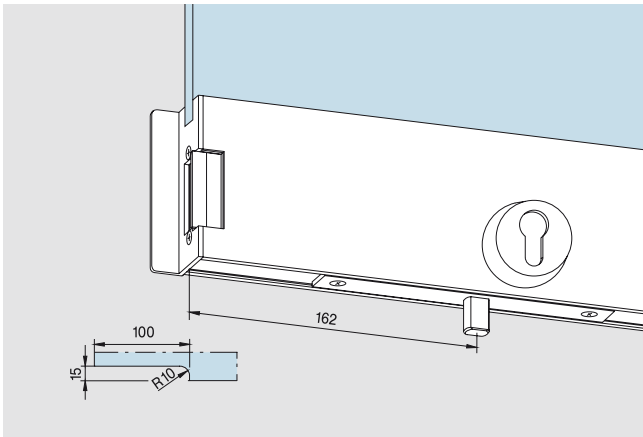
...with floor locking lock,
prepared for Europrofile cylinder,
single throw with corrosion
resistant bolt and hardened
safety roll pin and latch bolt at
side for electric strike release
100 mm:

Art. No. *04.179 / 04.181

Weight in kg/m:

aluminium	6.890
stainless steel	8.563

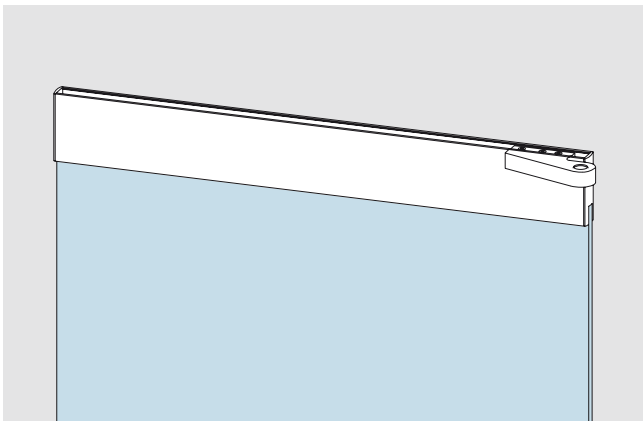
* Left / right hand (illustration shows right hand) are determined by view from hanging side.



Bottom rail with floor locking lock, prepared for Europrofile cylinder, single throw with corrosion resistant bolt and hardened safety roll pin and electric strike release at side (Standard: fail secure function, 6 to 12 V -/-) 100 mm:

Art. No. *04.183 / 04.185
(for Art. No. 4.181 / 04.179)

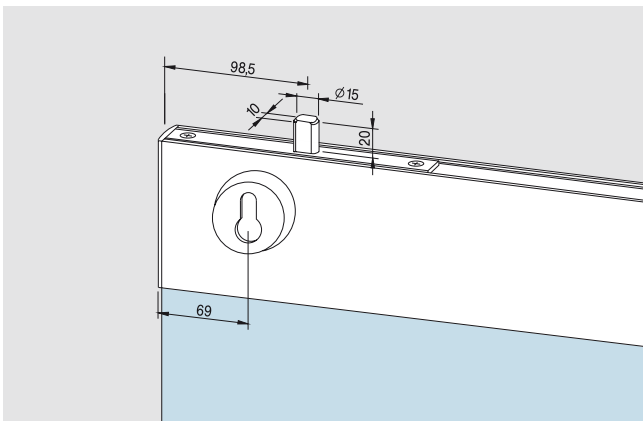
Weight in kg/m:
aluminium 5.837
stainless steel 7.385



100 mm:
76.5 mm:

Art. No. *04.132 / 04.134
Art. No. *04.032 / 04.034

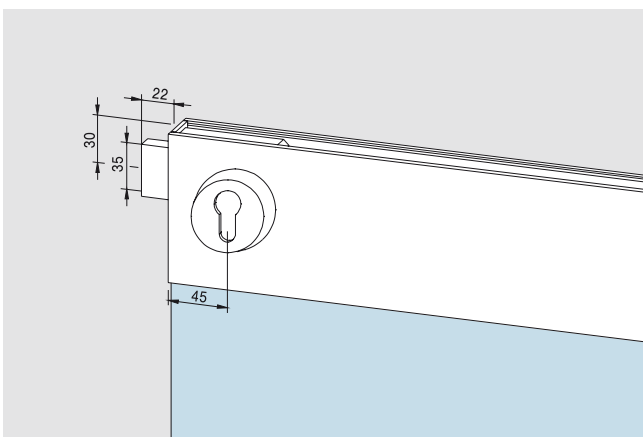
Weight in kg/m	100 mm	76.5 mm
aluminium	5.289	4.187
stainl. steel	6.759	5.522



...with top locking lock, prepared for Europrofile cylinder, single throw with corrosion resistant bolt and hardened safety roll pin 100 mm:
76.5 mm:

Art. No. *04.152 / 04.154
Art. No. *04.052 / 04.054

Weight in kg/m	100 mm	76.5 mm
aluminium	5.624	4.522
stainl. steel	7.209	5.972

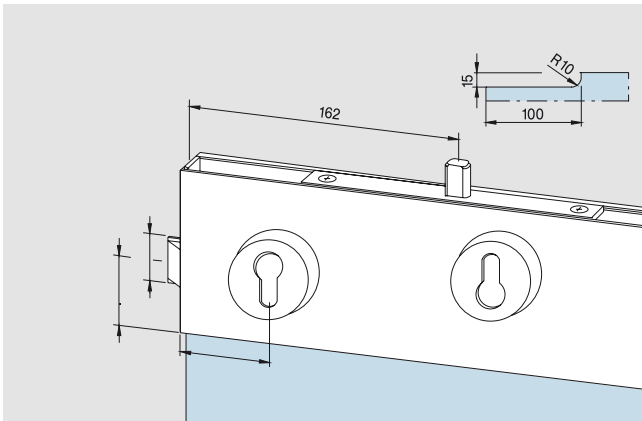


...with side locking lock, prepared for Europrofile cylinder, double throw 100 mm:

Art. No. *04.172 / 04.174

Weight in kg/m:
aluminium 5.522
stainless steel 7.107

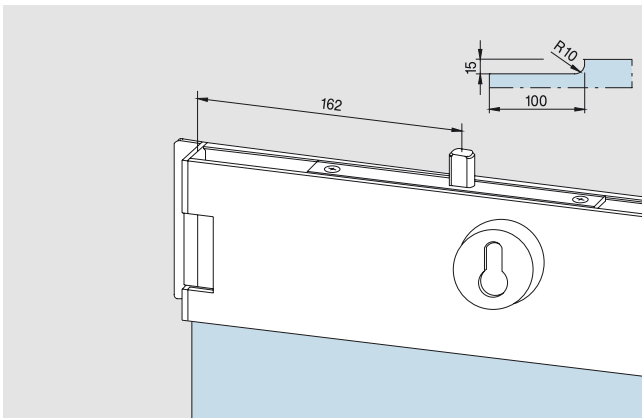
* Left / right hand (illustration shows right hand) are determined by view from hanging side.



with top locking lock, prepared for Europrofile cylinder, single throw with corrosion resistant bolt and hardened safety roll pin and latch bolt at side for electric strike release 100 mm:

Art. No. **04.180 / 04.182

Weight in kg/m:
 aluminium 6.820
 stainless steel 8.530



...with top locking lock, prepared for Europrofile cylinder, single throw with corrosion resistant bolt and hardened safety roll pin and electric strike release (Standard: fail secure function, 6 to 12 V -/~) 100 mm:

Art. No. *04.184 / 04.186
 (for Art. No. 04.182 / 04.180)

Weight in kg/m:
 aluminium 5.767
 stainless steel 7.352

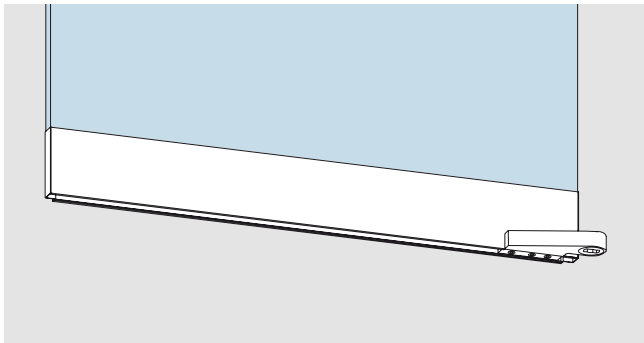
* Left / right hand (illustration shows right hand) are determined by view from hanging side.

** Left / right hand (illustration shows left hand) are determined by view from hanging side.

DOOR RAILS FOR OFFSET HUNG DOORS IN REBATED FRAMES

W 24

Complete, for 10 mm glass thickness, strap 40 mm, with free glass edge left and right, pivot point to glass surface 50 mm



Bottom rail

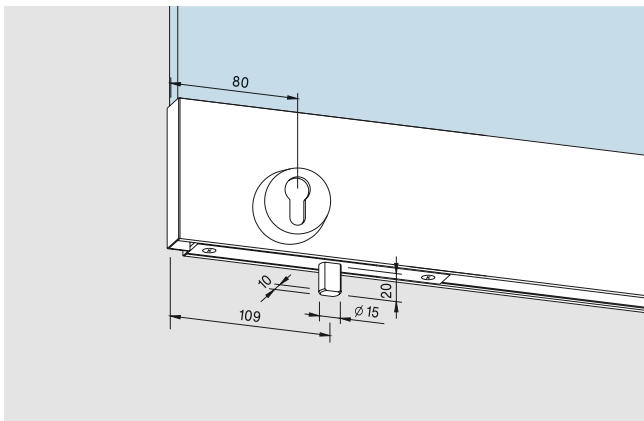
100 mm:

76.5 mm:

Art. No. *04.135 / 04.137

Art. No. *04.035 / 04.037

Weight in kg/m	100 mm	76.5 mm
aluminium	5.251	4.181
stainl. steel	6.602	5.407



...with floor locking lock,
prepared for Europrofile cylinder,
single throw with corrosion
resistant bolt and hardened
safety roll pin

100 mm:

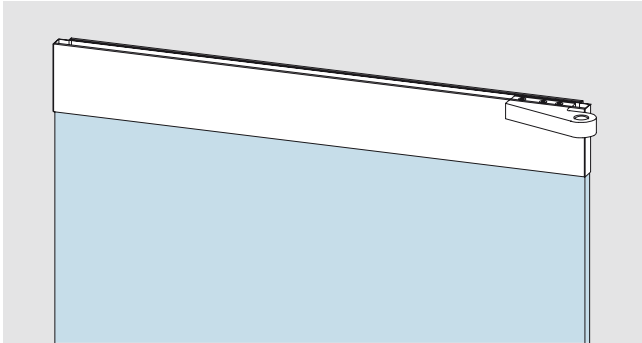
76.5 mm:

Art. No. *04.155 / 04.157

Art. No. *04.055 / 04.057

Weight in kg/m	100 mm	76.5 mm
aluminium	5.586	4.516
stainl. steel	7.052	5.857

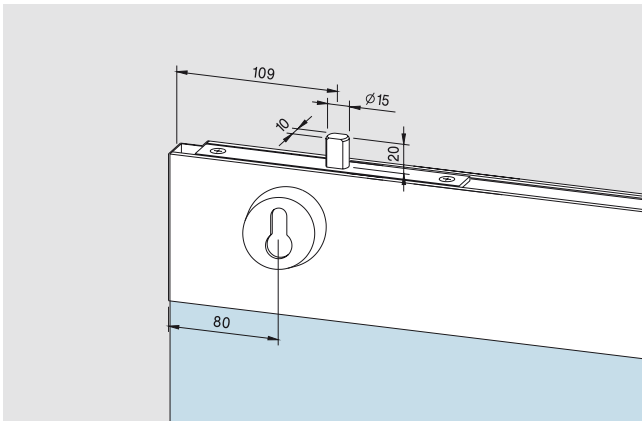
* Left / right hand (illustration shows right hand) are determined by view from hanging side.



100 mm:
76.5 mm:

Art. No. *04.136 / 04.138
Art. No. *04.036 / 04.038

Weight in kg/m	100 mm	76.5 mm
aluminium	5.181	4.111
stainl. steel	6.569	5.374



...with top locking lock,
prepared for Europrofile cylinder,
single throw with corrosion
resistant bolt and hardened
safety roll pin

100 mm:
76.5 mm:

Art. No. *04.156 / 04.158
Art. No. *04.056 / 04.058

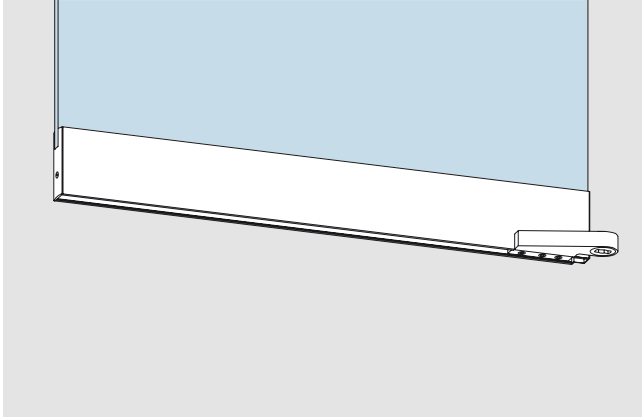
Weight in kg/m	100 mm	76.5 mm
aluminium	5.516	4.446
stainl. steel	7.019	5.824

* Left / right hand (illustration shows right hand) are determined by view from hanging side.

DOOR RAILS FOR OFFSET HUNG DOORS IN REBATED FRAMES

W 24

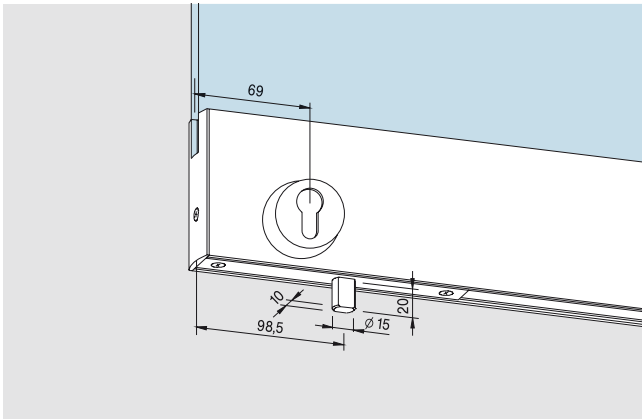
Complete, for 10 mm glass thickness, strap 40 mm, with 15 mm free glass edge of hanging stile, pivot point to glass surface 50 mm



100 mm:
76.5 mm:

Art. No. *04.139 / 04.141
Art. No. *04.039 / 04.041

Weight in kg/m	100 mm	76.5 mm
aluminium	5.305	4.219
stainl. steel	6.507	5.482

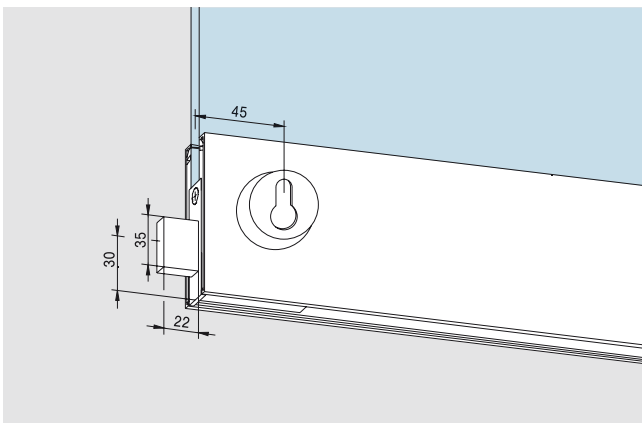


...with floor locking lock,
prepared for Europrofile cylinder,
single throw with corrosion
resistant bolt and hardened
safety roll pin

100 mm:
76.5 mm:

Art. No. *04.159 / 04.161
Art. No. *04.059 / 04.061

Weight in kg/m	100 mm	76.5 mm
aluminium	5.640	4.554
stainl. steel	6.957	5.932



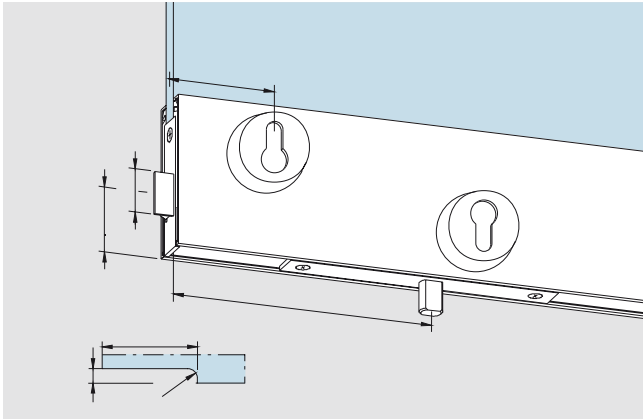
...with side locking lock,
prepared for Europrofile cylinder,
double throw

100 mm:

Art. No. *04.175 / 04.177

Weight in kg/m:	
aluminium	5.538
stainless steel	6.855

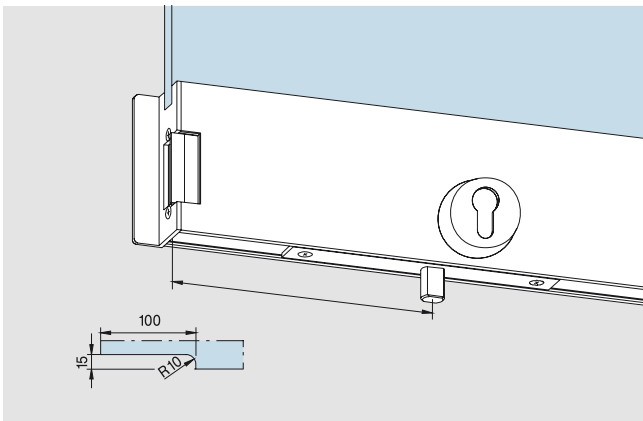
* Left / right hand (illustration shows right hand) are determined by view from hanging side.



with floor locking bolt lock,
prepared for Europrofile cylinder,
single throw with corrosion
resistant bolt and hardened
safety roll pin and latch lock
at side for electric strike release
100mm:

Art. No. *04.143 / 04.145

Weight in kg/m:
aluminium 5.803
stainless steel 7.306

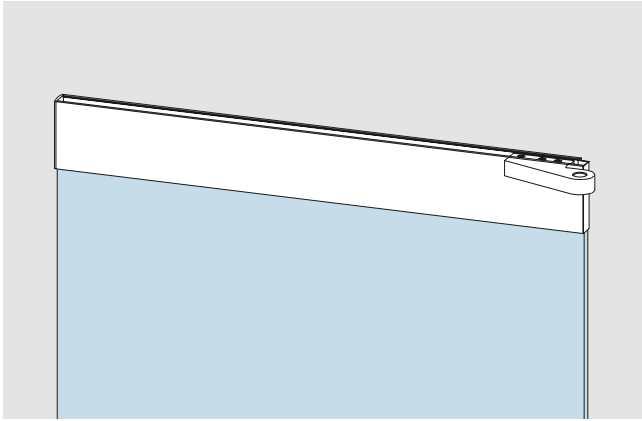


...with floor locking bolt lock,
prepared for Europrofile cylinder,
single throw with corrosion
resistant bolt and hardened
safety roll pin and electric strike
release at side (Standard: fail
secure function, 6 to 12 V -/~)
100 mm:

Art. No. *04.147 / 04.149

Weight in kg/m:
aluminium 5.653
stainless steel 7.150

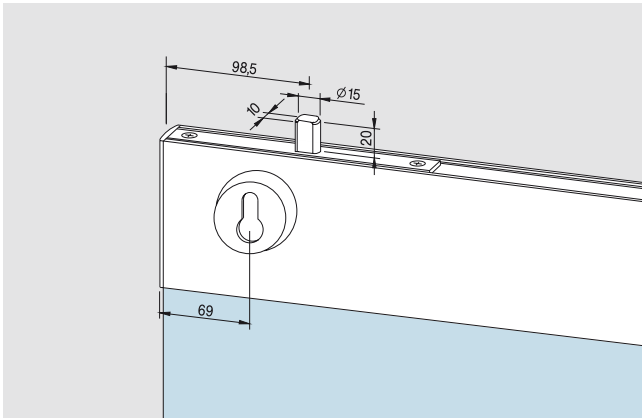
* Left / right hand (illustration shows right hand) are determined by view from hanging side.



100 mm:
76.5 mm:

Art. No. *04.140 / 04.142
Art. No. *04.040 / 04.042

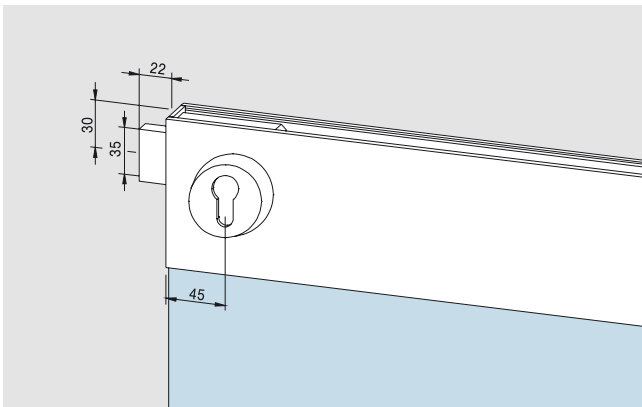
Weight in kg/m	100 mm	76.5 mm
aluminium	5.235	4.149
stainl. steel	6.474	5.449



...with top locking lock,
prepared for Europrofile cylinder,
single throw with corrosion
resistant bolt and hardened
safety roll pin
100 mm:
76.5 mm:

Art. No. *04.160 / 04.162
Art. No. *04.060 / 04.062

Weight in kg/m	100 mm	76.5 mm
aluminium	5.570	4.484
stainl. steel	6.924	5.899

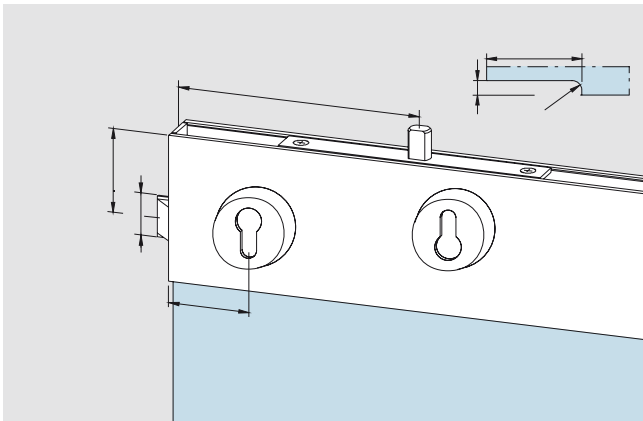


...with side locking lock,
prepared for Europrofile cylinder,
double throw
100 mm:

Art. No. *04.176 / 04.178

Weight in kg/m:		
aluminium		5.468
stainless steel		6.822

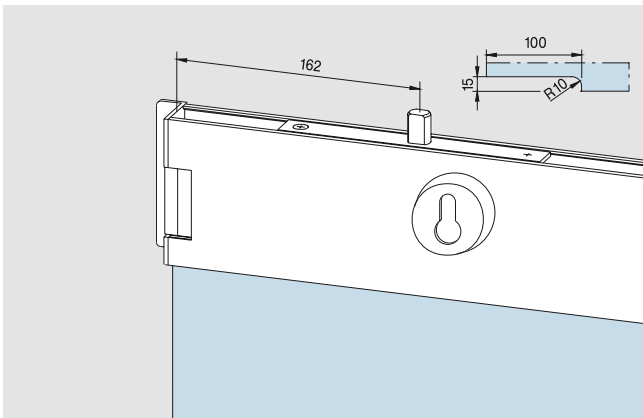
* Left / right hand (illustration shows right hand) are determined by view from hanging side.



with top locking lock, prepared for Europrofile cylinder, single throw with corrosion resistant bolt and hardened safety roll pin and latch bolt at side for electric strike release 100 mm:

Art. No. *04.144 / 04.146

Weight in kg/m:
 aluminium 5.733
 stainless steel 7.236



...with top locking bolt lock, prepared for Europrofile cylinder, single throw with corrosion resistant bolt and hardened safety roll pin and electric strike release at side (Standard: fail secure function, 6 to 12 V -/~) 100 mm:

Art. No. **04.148 / 04.150
 (for Art. No. 04.182 / 04.180)

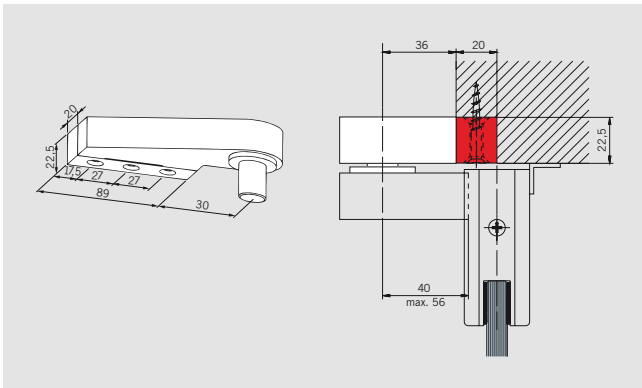
Weight in kg/m:
 aluminium 5.583
 stainless steel 7.080

* Left / right hand (illustration shows left hand) are determined by view from hanging side.

** Left / right hand (illustration shows right hand) are determined by view from hanging side.

TOP CENTRE FRAME PORTION

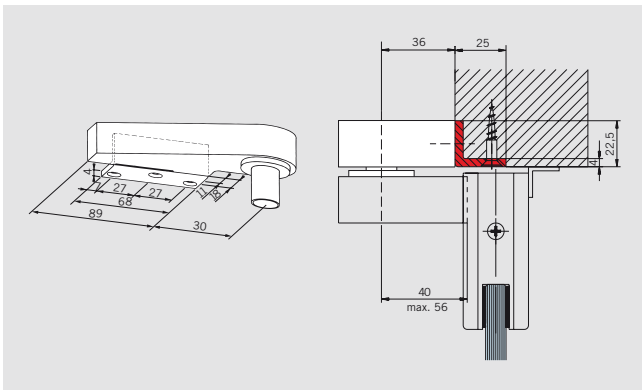
with patch fittings see Technical Information EA



with fixing block

Art. No. 02.150

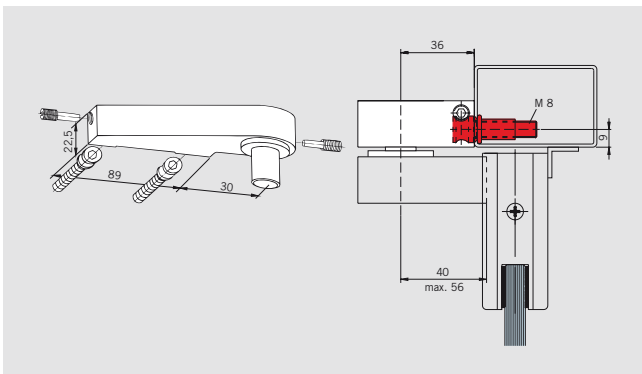
Weight in kg:
aluminium 0.471



Frame top centre
with angle bracket

Art. No. 02.151

Weight in kg:
aluminium 0.453

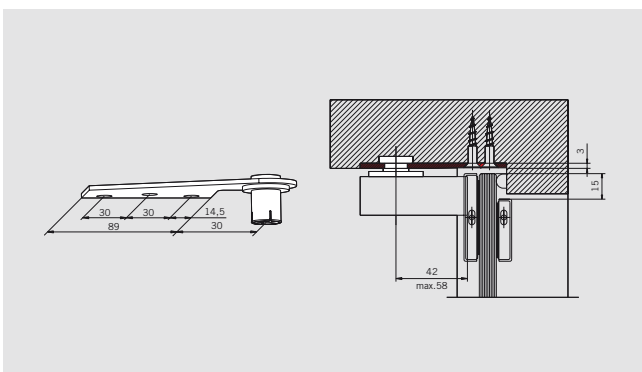


Frame top centre
with special wedge screw fixings

Art. No. *02.152 / 02.153

Weight in kg:
aluminium 0.390

Drill jig:
Art. No. 8.02.081.001.50



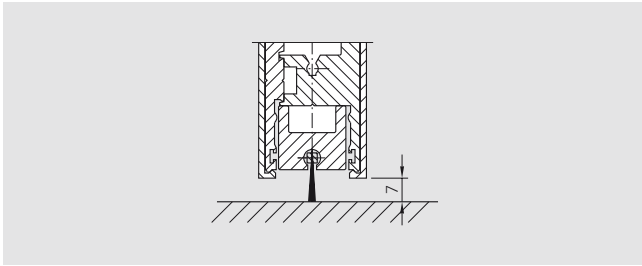
Frame top centre
AT 212 GSR with fixing plate

Art. No. *02.340 / 02.341

Weight in kg:
stainless steel 0.215

* Left / right hand (illustration shows right hand) are determined by view from hanging side.

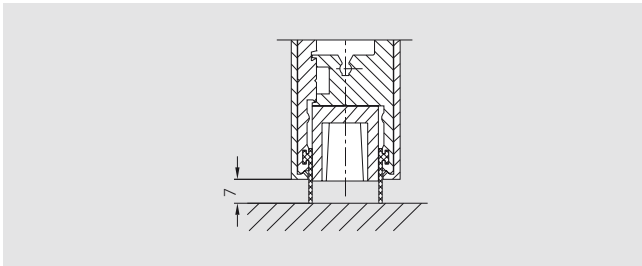
SPECIAL ACCESSORIES AND SPECIAL INSERTS FOR DOOR RAILS



Art. No. 04.600

to prevent draughts and energy loss (not in the area of inserts, locks, etc.), connected with door rail at manufacturer

Weight in kg/m: 0.753

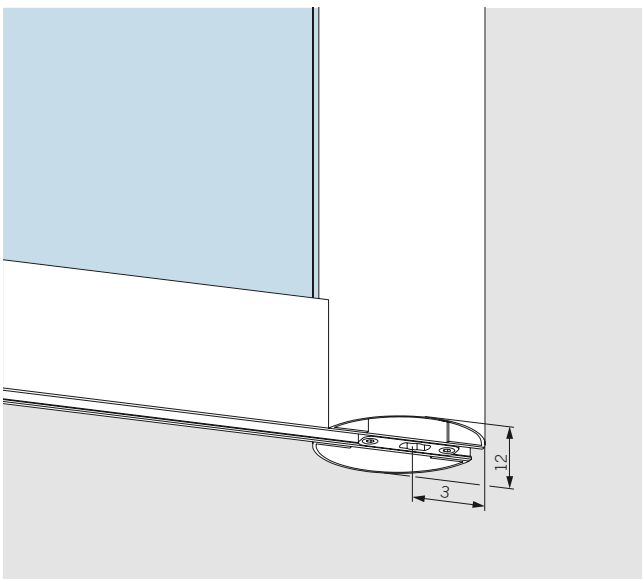


Rubber sealing for door rails (also in the area of inserts, locks, etc.)
fixed length
stock length 200 m (= 1 coil)

Art. No. 04.607

Art. No. 04.608

Weight in kg/m: 0.099



Aluminium round profile for pinch free doors with 65 mm pivot point, consisting of 2 halves, prepared for Universal fittings or door rails (76.5 mm or 100 mm).

Please indicate:

- Panel height (max. 2500 mm, higher dim. on request)
- Required preparation of the profile for top and bottom fittings

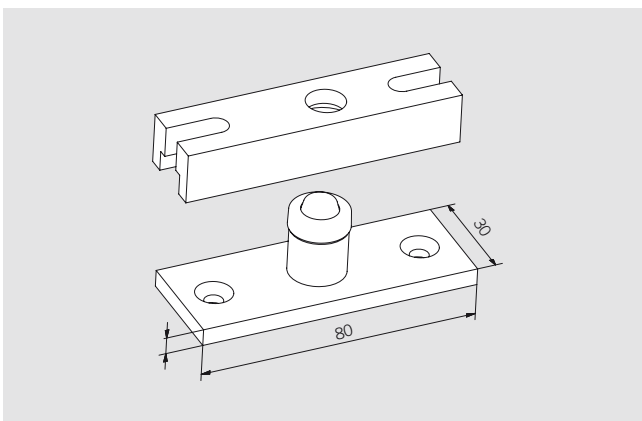
fixed length
stock length 6000 mm (not prepared)
stock length 3000 mm (not prepared)

Art. No. 03.380

Art. No. 03.381

Art. No. 03.382

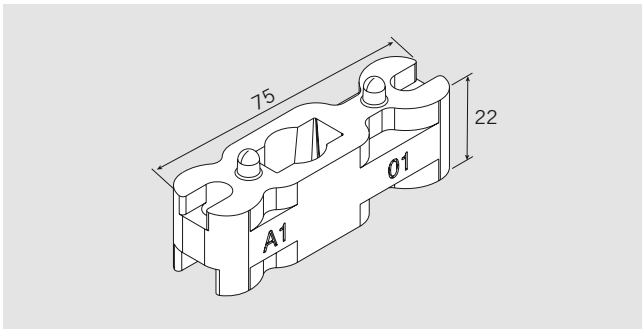
Weight in kg/m:
aluminium 4.744



Screw-on floor bearing for damp environment, without floor recess, with inserts for door rails, max. 80 kg

Art. No. 01.136

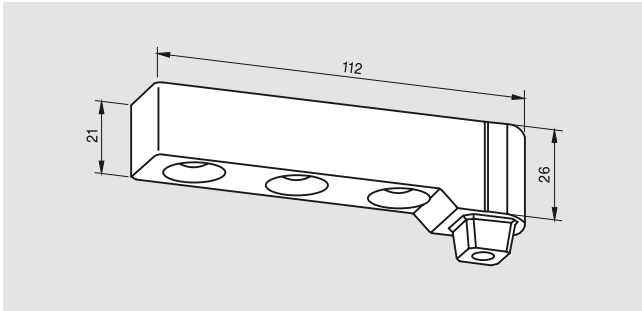
Weight in kg: 0.193



for DORMA floor spring spindle profile or round pivot 14 mm Ø, (DORMA floor spring BTS or floor bearing Art. No. 01.106 and 01.107), stainless steel, 55/65 mm pivot point, max. door weight 80 kg

Art. No. 04.604

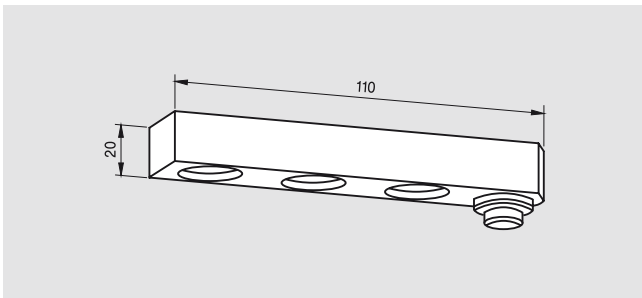
Weight in kg: 0.243



Bottom strap, steel, zinc plated, with spindle insert to suit DORMA floor springs, 18 mm pivot point, max. door weight 80 kg

Art. No. 804.167.001.55

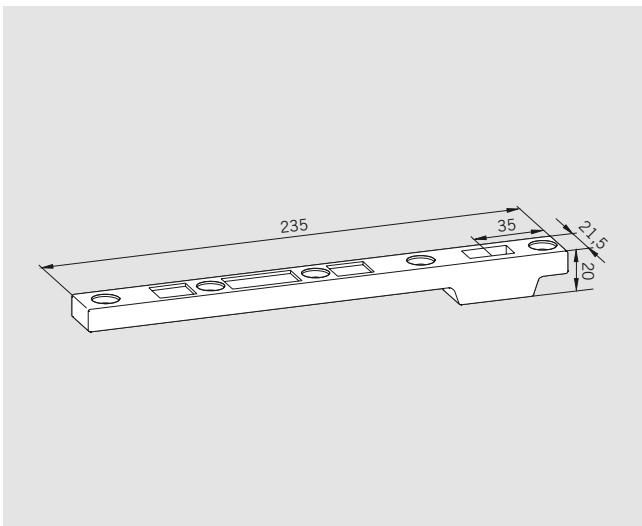
Weight in kg: 0.349



Bottom strap, aluminium, to suit floor bearings 01.106 and 01.107, 18 mm pivot point, max. door weight 80 kg

Art. No. 804.060.002.50

Weight in kg: 0.129



Bottom strap in forged steel special edition, mounted in door rails, to suit DORMA floor spring spindles. (Also suitable for floor bearing 04.602, 04.603. Not suitable for floor bearing with round pivot.)

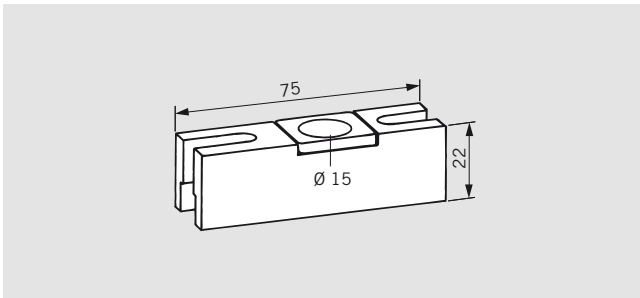
Art. No. 04.605

Weight in kg: 0.385

For centre hung doors

- normal frequented doors, max. door weight 150 kg, max. door width 1400 mm
- high frequented doors, max. door weight 120 kg, max. door width 1200 mm

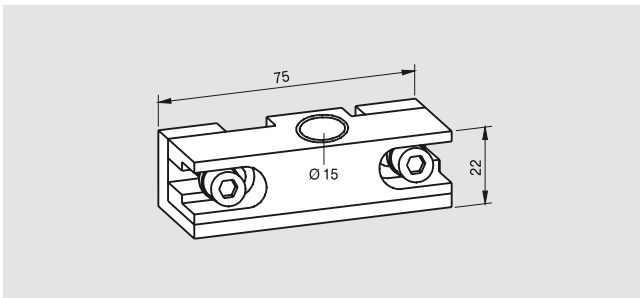
Pivot point either 55 or 65 mm (please specify with order).



55/65 mm pivot point,
aluminium

Art. No. 04.610

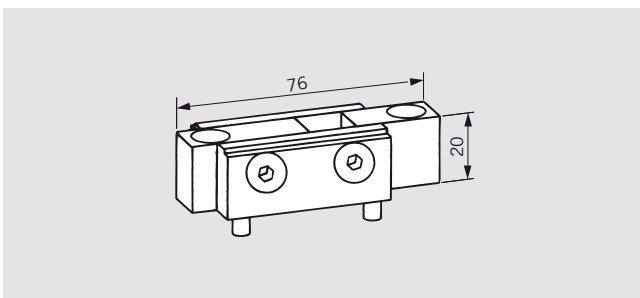
Weight in kg: 0.091



Top insert, two part,
aluminium, special,
55/65 mm pivot point
(not in standard door rail)

Art. No. 04.606

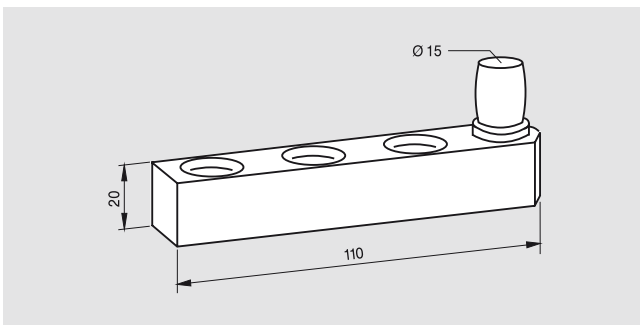
Weight in kg: 0.088



Top insert
for DORMA RTS transom closer,
zinc plated steel, 65 mm pivot
point

Art. No. 04.611

Weight in kg: 0.240



Top strap
aluminium, 18 mm pivot point

Art. No. 804.060.001.50

Weight in kg: 0.131

VISUR

G
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VISUR PUREST CLARITY

All-glass double-action doors without any visible fixings? Meet VISUR, a system patented for DORMA that secures double-action glass doors without the need for any visually disruptive functional elements. VISUR presents the door in perfect transparency. Rather than cluttering the clear outline of the leaf, the hardware compo-

nents are all located in the surrounding structures. This absence of fittings means that the all-glass double-action door will match any room style, making the VISUR system a real boon to interior architecture.

100 % TRANSPARENT 100 % DURABLE

Frameless from top to toe – that's the VISUR's claim to fame, making life easier for architects and specifiers alike. Because they can choose any material and any colour for the surrounding structures. The VISUR system simply remains a discrete presence, fitting in with every design idea and reflecting it to maximum advantage.

Having successfully completed 500,000 operating cycles in its endurance test, there can be little doubt as to its outstanding quality – a 100 % DORMA product in every respect.



TRANSOM-CONCEALED DOOR CLOSER

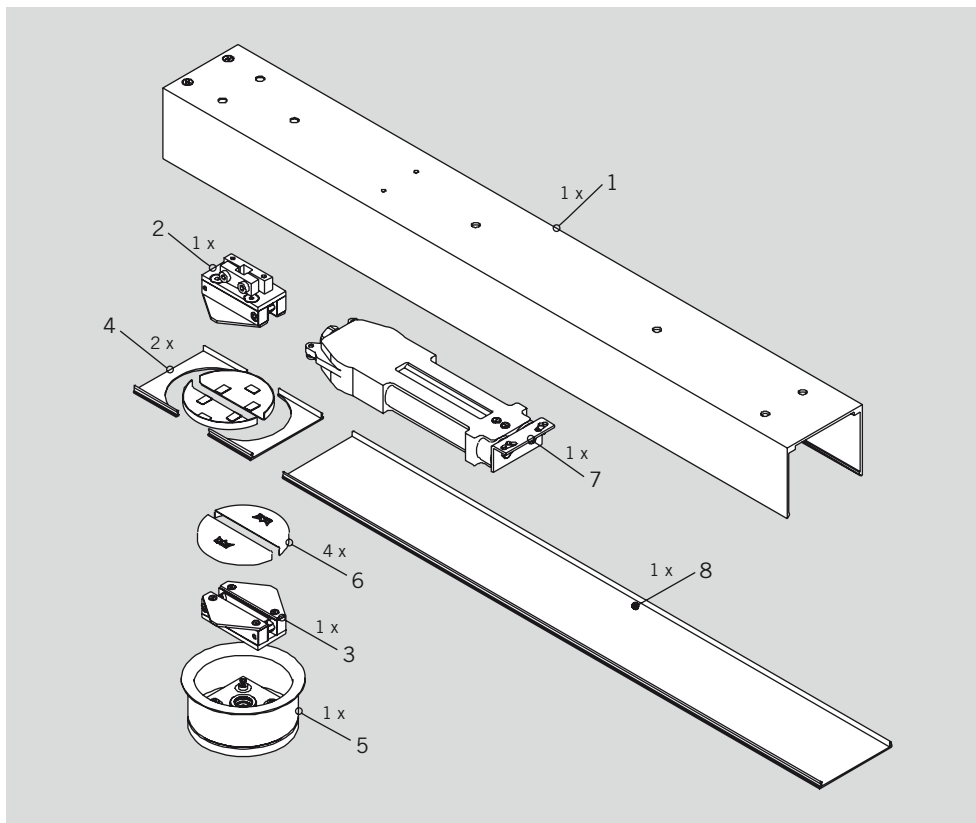
In the case of VISUR all-glass double-action door, the closing function is performed invisibly by the transom-concealed RTS 85 EN 3 door closer. This not only reliably returns the door to its zero position after each opening action, but also – thanks to special check back

damping – protects the leaf from careless impact arising from excessive opening force. Thanks to a hold-open feature included as standard, the door can also be retained at an opening angle of 90°. Clampable projections – leaf-integral 'tongues' – provide the mating connection for the

concealed pivot fittings top and bottom. Hidden within the floor is the bottom bearing housing with the pivot bearing mounting designed for an offset of 65 mm. The depth of installation is 64 mm and the diameter of the bearing housing is just 126 mm.

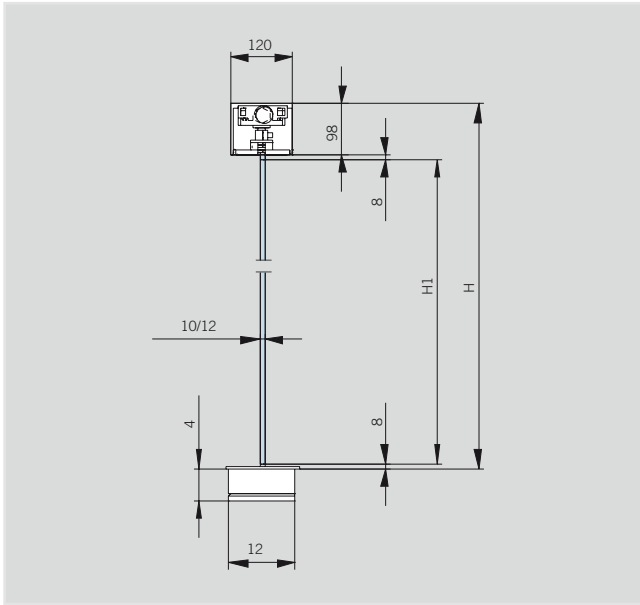


SCOPE OF DELIVERY



- 1 transom tube for installation under the ceiling
 - 1 part for max. panel width 1100 mm
 - 2 parts for max. panel width 2 x 1100 mm
- 2 glass clamping piece top
- 3 glass clamping piece bottom
- 4 cover profile parts for door closer pivot pin 90 mm
- 5 bottom bearing housing with cover ring
- 6 cover caps
- 7 RTS 85 EN 3, 90° retainer
- 8 transom tube cover

TECHNICAL DETAILS



M

- Aluminium, silver anodised
114, alumin. EV1-Deco,

Dimensions

- Glass thickness:
10 / 12 mm
- max. door panel weight:
85 kg
- max. door panel width
(B1): 1100 mm
- max. door panel height
(H1): 2500 mm

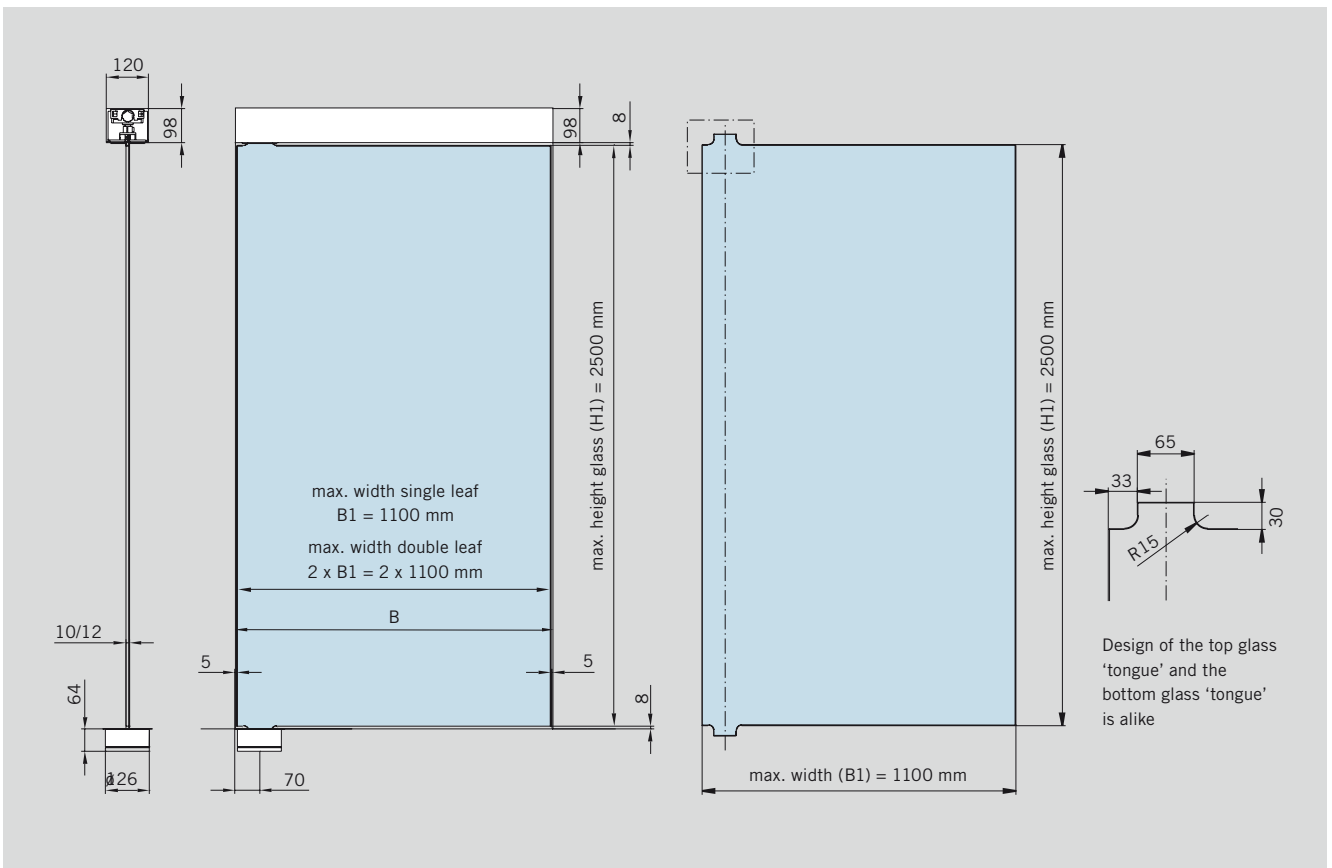
Calculation of

glass measurements:

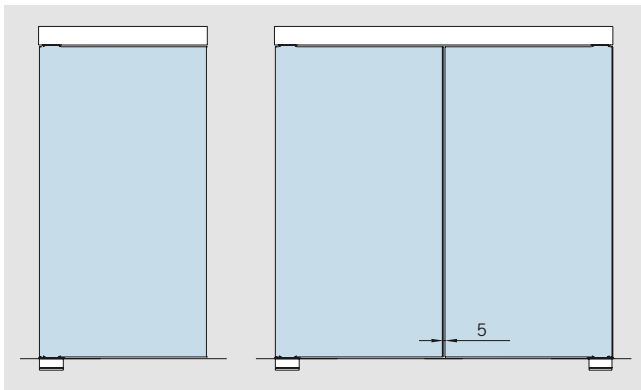
$$H1 = H - 114$$

$$B1 \text{ single leaf} = B - 10$$

$$B1 \text{ double leaf} = \frac{B - 15}{2}$$



VISUR COMPLETE SETS



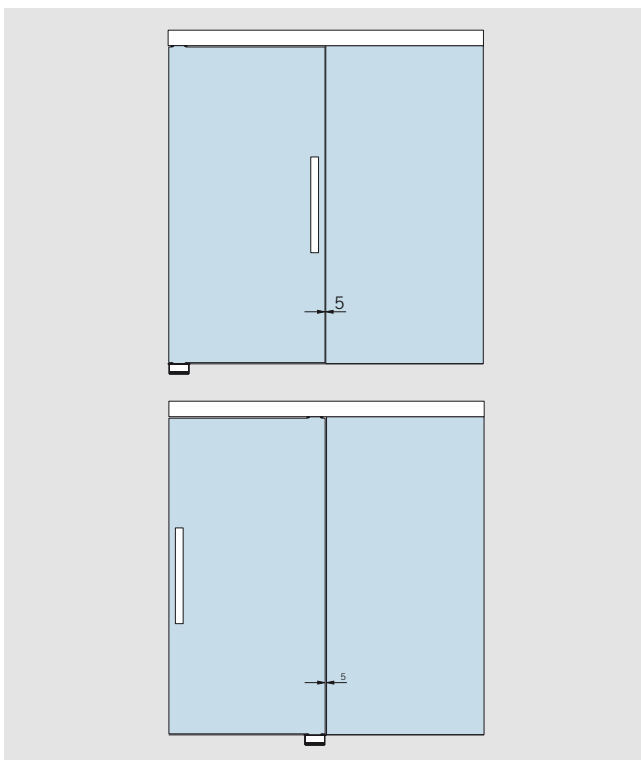
C
incl. transom tube,
RTS 85, top and bottom pivot

Art. No. 03.770

do. for double leaf door

Art. No. 03.771

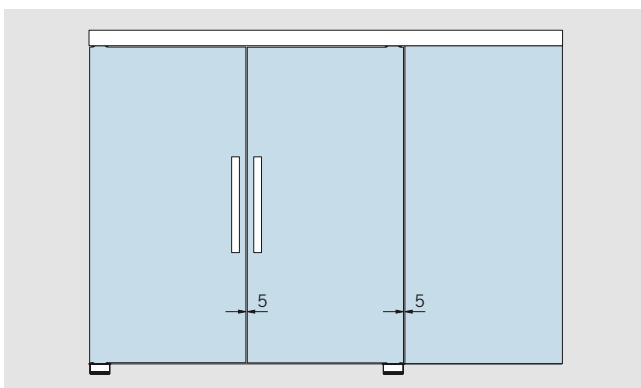
Attention:
Please indicate with your order
clear width in mm



Complete set for single leaf
doors with fixed sidelight,
incl. transom tube, RTS 85,
top and bottom pivot

Art. No. 03.790

Attention:
Please indicate with your
order the clear width and the
width of sidelights and doors
in mm

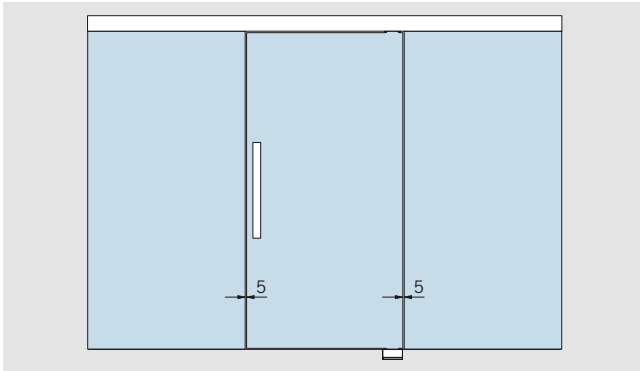


do. for double leaf door with
fixed sidelight

Art. No. 03.791

Attention:
Please indicate with your
order the clear width and the
width of sidelights and doors
in mm

VISUR COMPLETE SETS

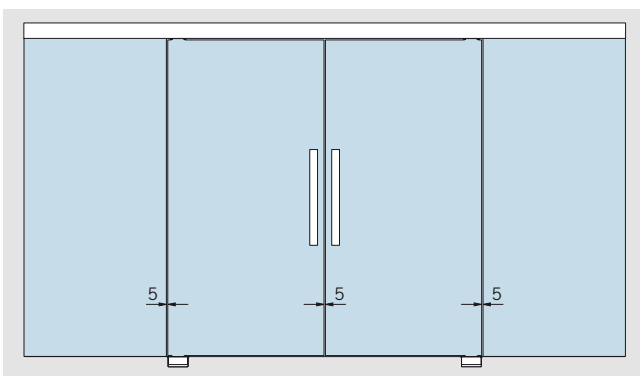


C

Art. No. 03.792

incl. transom tube, RTS 85,
top and bottom pivot

Attention:
Please indicate with your
order the clear width and the
width of sidelights and doors
in mm

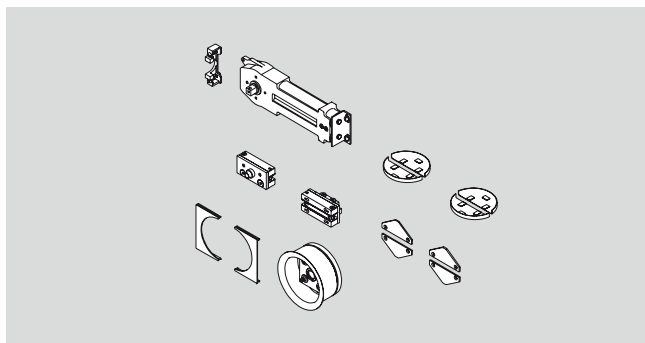


do. for double leaf door with
two fixed sidelights

Art. No. 03.793

Attention:
Please indicate with your
order the clear width and the
width of sidelights and doors
in mm

VISUR COMPONENTS

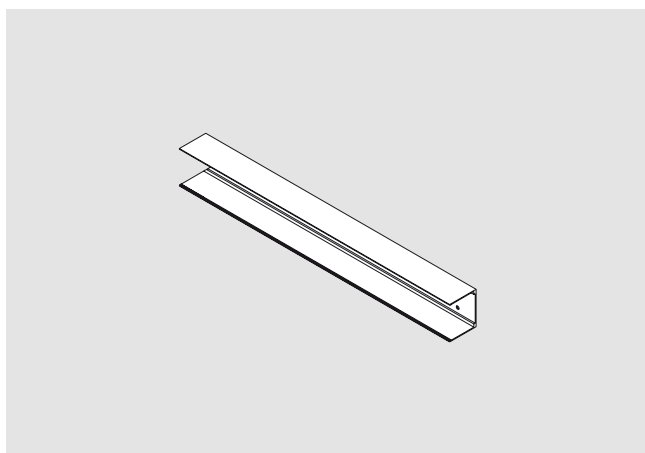


VISUR
composed of RTS 85, top and
bottom pivot

Art. No. 03.772

VISUR set
composed of top and bottom
pivot, (without RTS 85)

Art. No. 03.773



VISUR transom tube profile
for single leaf doors
(max. 1100 mm door panel
width), in fixed length
(please indicate with your order
the clear width in mm)

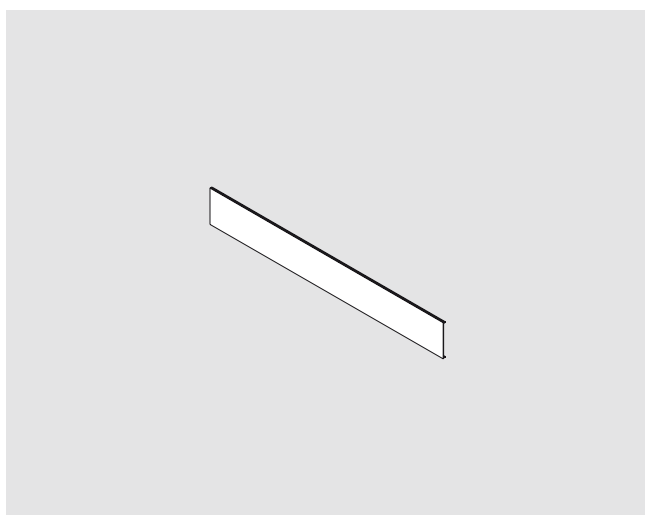
Art. No. 03.775

do. for double leaf doors
(max. 2 x 1100 mm door panel
width), in fixed length
(please indicate with your order
the clear width in mm)

Art. No. 03.776

VISUR transom tube profile
in stock length 6000 mm

Art. No. 03.789



VISUR transom tube cover
profile
for single leaf doors
(max. 1100 mm door panel
width), in fixed length
(please indicate with your order
the clear width in mm)

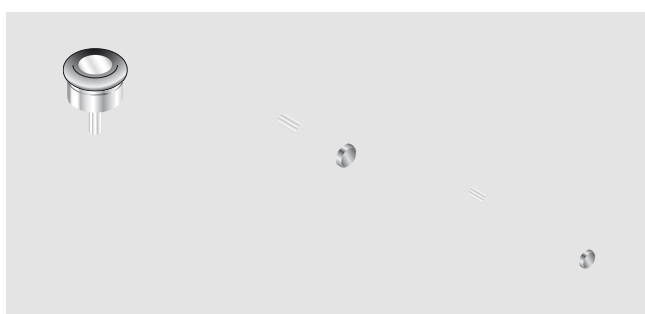
Art. No. 03.777

do. for double leaf doors
(max. 2 x 1100 mm door panel
width), in fixed length
(please indicate with your order
the clear width in mm)

Art. No. 03.778

VISUR transom tube cover
profile
in stock length 6000 mm

Art. No. 03.780



Floor doorstop

Art. No. 29.950

Wall doorstop, short

Art. No. 29.951

Wall doorstop, long

Art. No. 29.952

BEYOND

G
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Accessories
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Short pivoting rod
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Safety-related information
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Continuous pivoting rod
106

Glass preparation
108



SYSTEMATIC DESIGN

Safe, functional and extremely attractive, BEYOND, the unique system for glass doors without risk of pinched fingers with swing doors.

The development of BEYOND has been shaped by the search for a solution that combines a modern, attractive design with

maximum safety and stability. In the swing-door system the pivot point is located directly at the glass edge, thus preventing the risk of trapped fingers often found at the secondary closing edges of glass swing.

BEYOND opens up a huge range of opportunities for incorporating frameless glass doors into toughened glass assemblies and wall openings. The BEYOND system offers an elegant, sophisticated solution for swing doors in all situations, whether private or public, modern or traditional.

Developed with the practical requirements of the market in mind, this product offers a sensible alternative wherever security, safety and functionality need to be complemented with an attractive design.



SAFE AND SECURE

The patented BEYOND swing door system with its pivot point located centrally in the glass axis and close to the glass edge ensures safety and security.

The alternative options of elegant, continuous pivot rod or smart short rod make the system suitable for any room

situation. And with a choice of pull handles or lock/lever handle combinations, BEYOND enables the realisation of your design ideas.



The over panel pivot fitting – a slim connector.



An option for the bottom pivot point – short rod on a floor pivot.

SHORT PIVOT ROD

The BEYOND swing door system with short pivot rod offers maximum flexibility. No matter what the door dimensions, BEYOND short fittings provide a versatile solution.

DORMA floor pivots, or – particularly for double-action doors – DORMA BTS floor springs, form the ideal base for ensuring that the door always returns safely and securely to its home position. Since with the BTS floor

spring the position of the pivot point requires it to be buried under the adjacent wall, the use of a glass side panel is recommended in this case.

The top connection depends on the type of unit. When incorporating the glass door into a toughened glass assembly, the top connection is formed by an over panel pivot fitting; in the case of doors in wall openings, a top pivot bearing is fitted to the ceiling or in the lintel. Load

transfer from the overpanel and side panel can be effected by means of wall adapter profiles.

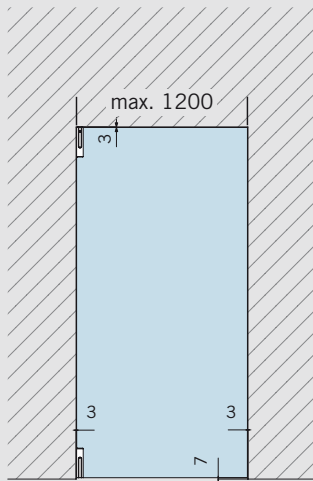
Depending on customer requirements, BEYOND offers suitable fittings for 10 mm and 12 mm glass. Finishes for fittings and accessories: aluminium anodised, EV1-Deco (114) or similar to satin stainless steel (107).

For maximum values please see the typical assemblies.

Note:
Overpanel fitting wall connector max. 1200 mm door width;
overpanel fitting glass connector max. 1000 mm door width.

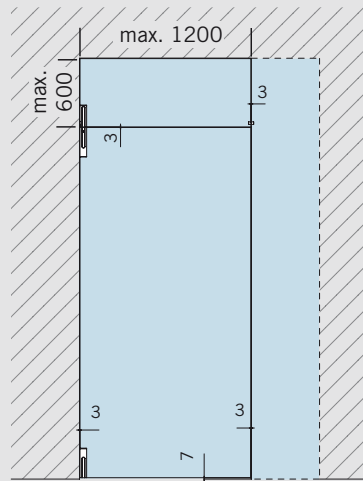
Basic set for individual door.
For installation in masonry.

Max door weight 80 kg

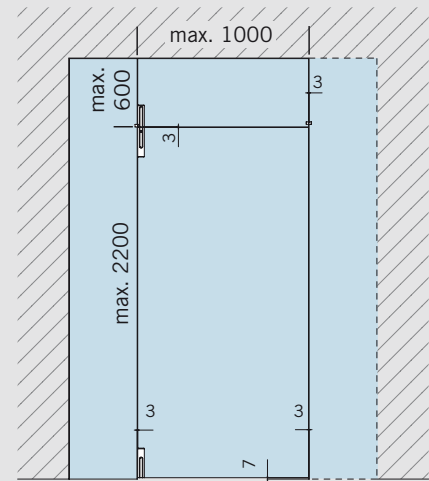


Basic set and over panel fitting wall connector for door with over panel.
Optionally with side panel on closing side.

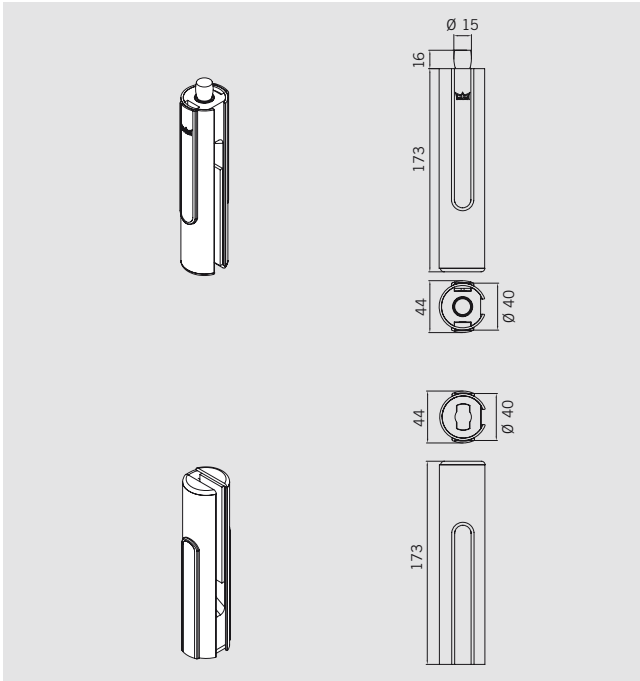
Max door weight 80 kg



Basic set and over panel fitting wall connector for door with over panel and side panel on pivot point side.
Optionally with side panel on closing side.



FITTINGS AND GLASS CONNECTOR



BEYOND

P , ,

comprising

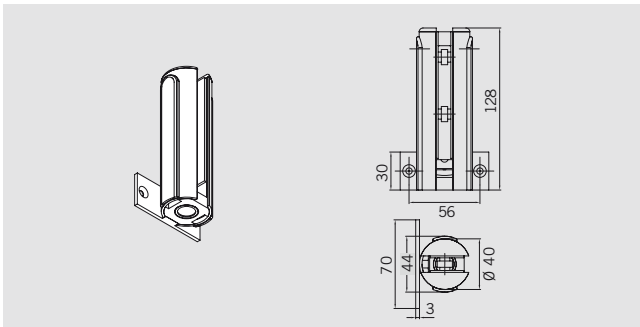
- 1 top pivot fitting with pivot \varnothing 15 mm,
- 1 bottom pivot fitting with insert for DORMA floor spring spindle (90° turnable, e. g. DORMA BTS 80) or round pivot

for 10 mm glass

Art. No. 30.100

for 12 mm glass

Art. No. 30.101



BEYOND overpanel fitting,

wall connector,

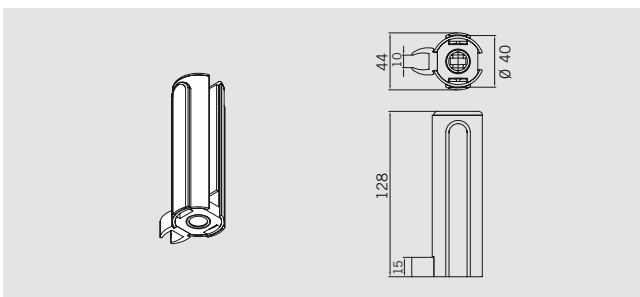
with plastic socket for top pivot

for 10 mm glass

Art. No. 30.120

for 12 mm glass

Art. No. 30.121



BEYOND overpanel fitting,

glass connector,

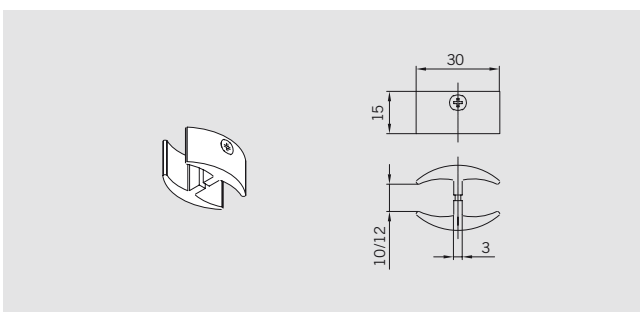
with plastic socket for top pivot

for 10 mm glass

Art. No. 30.130

for 12 mm glass

Art. No. 30.131



BEYOND glass connector,

plastic, black,

for connection of side

panel at closing side

for 10 and 12 mm glass

Art. No. 30.320

CONTINUOUS PIVOT ROD

The BEYOND swing door system with continuous rod offers complete freedom from the risk of trapped fingers. By locating the pivot point of the swing door right at the glass edge and providing a round profile, the nip hazard is reduced to zero.

For the floor mounting of single-action, and particularly double-action doors, the DORMA BTS floor spring offers a convenient alternative to the DORMA floor

pivot. Since with the BTS floor spring the position of the pivot point requires it to be buried under the adjacent wall, the use of a glass side panel is recommended in this case.

As with the short-rod model, the top connection depends on the type of unit. Toughened glass assemblies are fitted with an over panel pivot fitting, whereas with doors in wall openings a top pivot bearing with ceiling

fixing is used. Load transfer from the over panel and side panel can be effected by means of wall adapter profiles.

In the case of heights over 2,200 mm, an anti-vibration device located midway along the pivot rod ensures quiet door operation.

Depending on customer requirements, BEYOND offers suitable fittings for 10 mm and 12 mm glass.

Finishes for fittings and accessories: aluminium anodised, EV1-Deco (114) or similar to satin stainless steel (107).

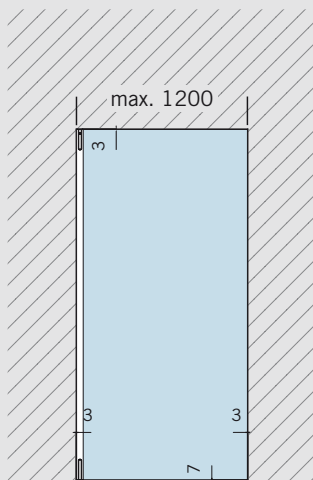
For maximum values please see the typical assemblies.

Note:

Overpanel fitting wall connector max. 1200 mm door width; overpanel fitting glass connector max. 1000 mm door width.

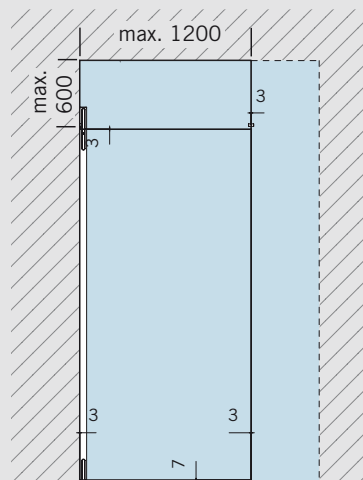
Basic fitting for individual door.
For installation in masonry.

Max. door weight 80 kg

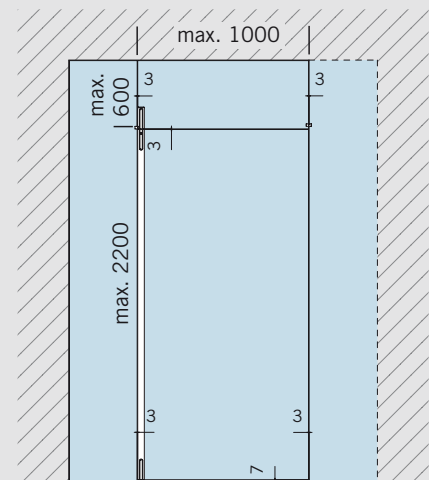


Basic fitting and over panel fitting wall connector for door with over panel.
Optionally with side panel on closing side.

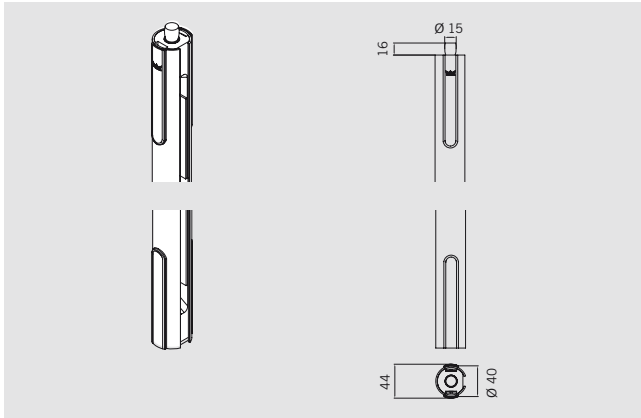
Max. door weight 80 kg



Basic fitting and over panel fitting wall connector for door with over panel and side panel on pivot point side.
Optionally with side panel on closing side.



FITTINGS AND GLASS CONNECTOR



BEYOND

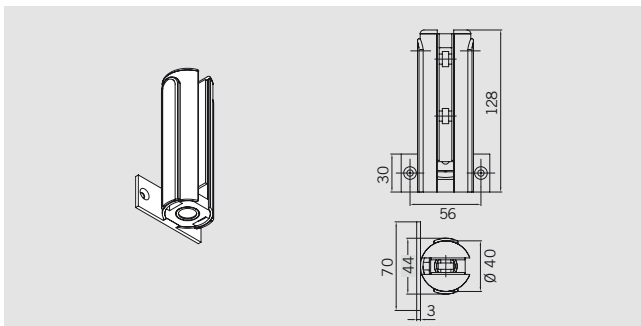
P , ,
with pivot \varnothing 15 mm at top
and insert for DORMA floor
spring spindle (90° turnable,
e. g. DORMA BTS 80) or round
pivot at bottom

for 10 mm glass
for 12 mm glass

Art. No. 30.110

Art. No. 30.111

Please indicate exact door
height = glass measurement
with order.

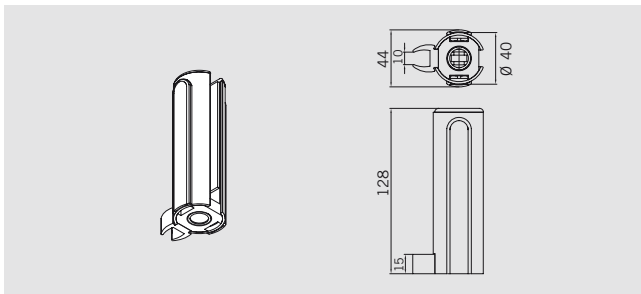


BEYOND overpanel fitting,
wall connector,
with plastic socket for top pivot

for 10 mm glass
for 12 mm glass

Art. No. 30.120

Art. No. 30.121

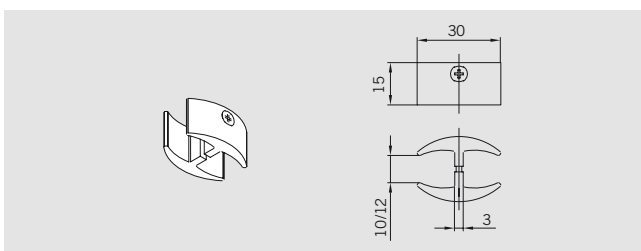


BEYOND overpanel fitting,
glass connector,
with plastic socket for top pivot

for 10 mm glass
for 12 mm glass

Art. No. 30.130

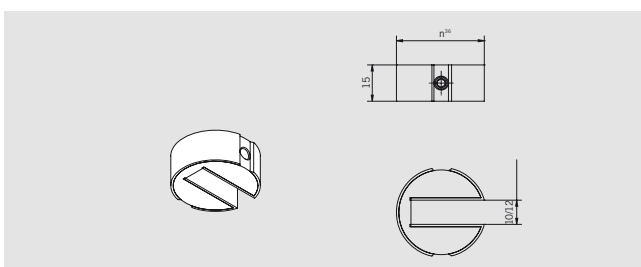
Art. No. 30.131



BEYOND glass connector,
plastic, black,
for connection of side
panel at closing side

for 10 and 12 mm glass

Art. No. 30.320



BEYOND

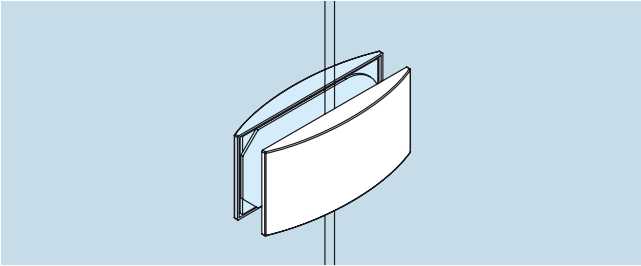
anti-vibration device
for pivot fitting, long

for 10 mm glass
for 12 mm glass

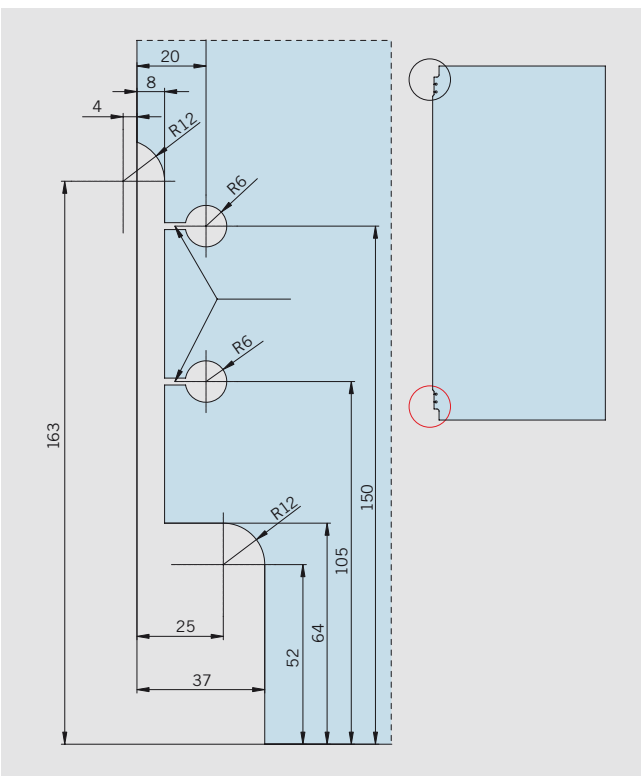
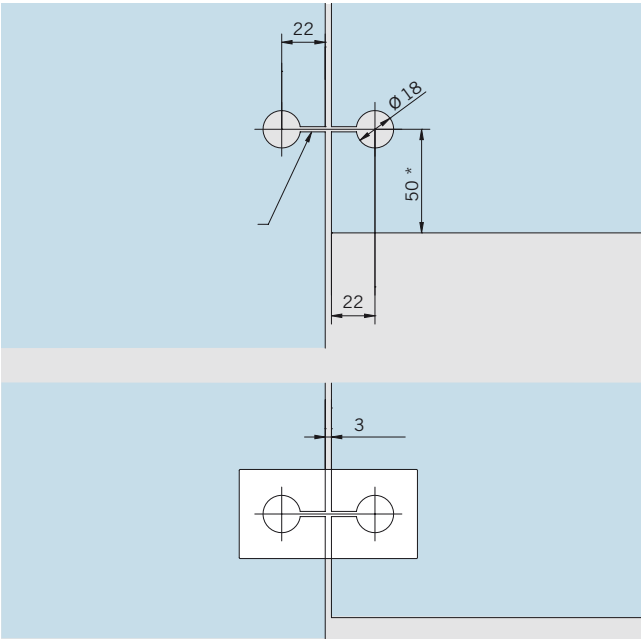
Art. No. 30.034

Art. No. 30.035

GLASS PREPARATION

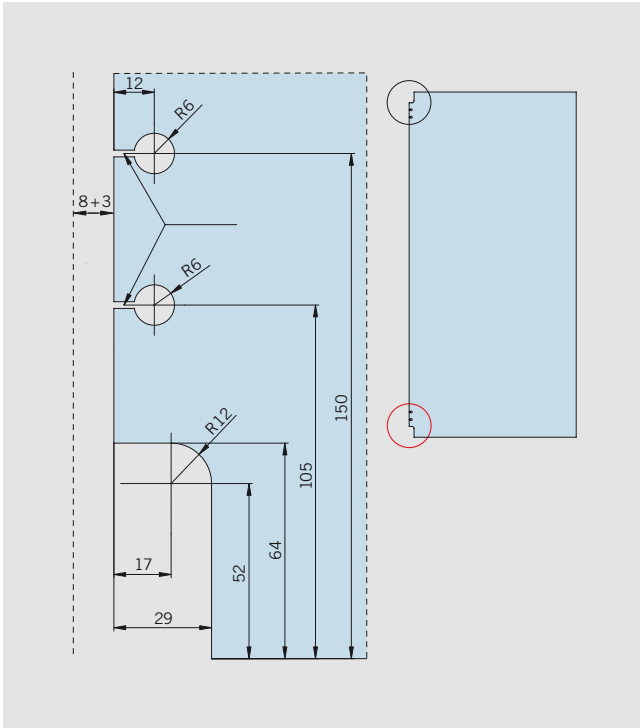


Weight in kg:
aluminium 0,146



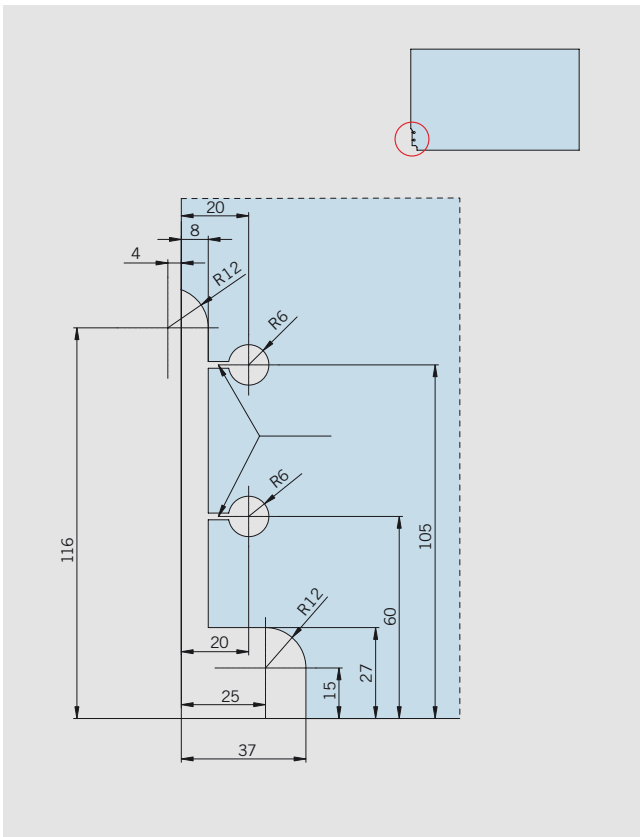
P ,
Drawing shows the bottom glass
penetration.
Top edge of glass is prepared
accordingly.

Art. No. 30.100
Art. No. 30.101



Drawing shows the bottom glass penetration.
Top edge of glass is prepared accordingly.

Art. No. 30.110
Art. No. 30.111



Overpanel fitting
Wall connector and
glass connector

Art. No. 30.120
Art. No. 30.121
Art. No. 30.130
Art. No. 30.131

SG

G	Centre locks and strike boxes
112	120
Universal locks and strike boxes	Locks and strike boxes with electric strike release
112	123
Corner, locks and strike boxes	Locks with panic function
117	125
Corner locks	Glass preparation
w/o glass preparation	127
119	Accessories
	132



... A RANGE OF LOCKS FOR ALL REQUIREMENTS

It doesn't matter what sort of glass door needs securing, what function it has to fulfill, or the type of fittings specified – there will be a lock in the SG range which will provide the shape, the function and the finish which you require.

Simple glass preparation, firm fixing
DORMA-Glas has an intimate knowledge of the special prop-

erties of glass as a building material. This has led to the design of locks requiring only simple cut-outs or holes in the glass. Carefully considered and positive measures have been taken to create the maximum clamping surface with optimum clamping efficiency.

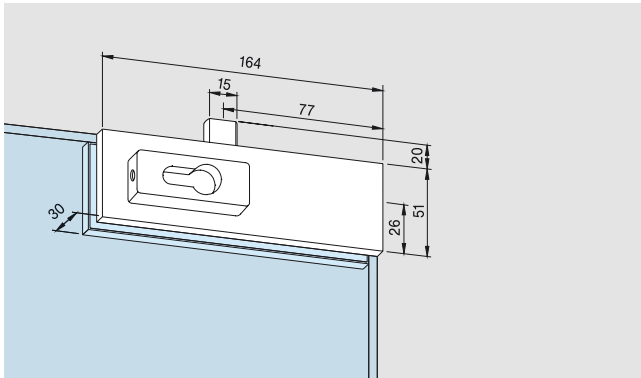
Reliability built in
Quality materials and thorough workmanship mean that SG

locks have the features necessary to meet the most demanding of specifications. Many satisfied customers will testify this. For safety reasons set lock case always on inside.

Short delivery times
All the common patterns and types are available ex-stock (factory). Specials will be prepared promptly.

UNIVERSAL TOP, BOTTOM, CENTRE LOCKS AND STRIKE BOXES WITH GLASS CUT-OUTS

Complete, for 10 mm glass thickness



US 10 corner lock, prepared for Europrofile cylinder, single throw, bolt projection 20 mm, with security rosettes on both sides, 14 mm thick. for 10 mm glass thickness for 15 and 19 mm glass thicknesses (please specify with order)

Lock insert:

- high corrosion resistance according to EN 1670, class 4
- with regard to type-test according to DIN 18251, class 3*

For 10 mm glass thickness

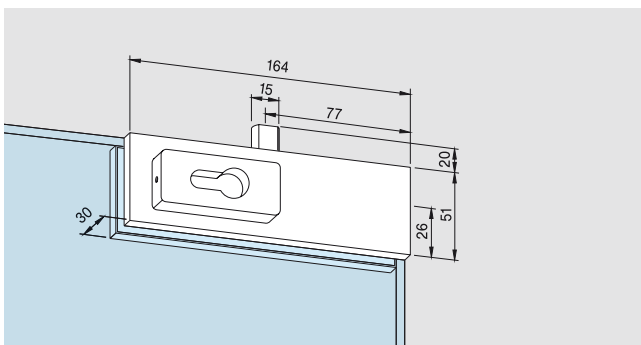
Art. No. 03.206

For 12 mm glass thickness, only in satin stainless steel

Art. No. 03.867

Not illustrated: prepared for KABA for 10 mm glass thickness

Art. No. 03.340



For half profile cylinder left hand top/right hand bottom for 10 mm glass thickness

Art. No. 03.288

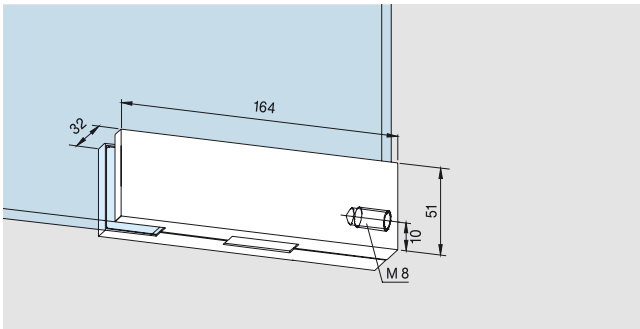
Not illustrated: left hand bottom/right hand top for 10 mm glass thickness

Art. No. 03.287

Weight in kg:

aluminium	0.942
brass	1.061
stainless steel	1.053

* Extract from DIN 18251, class 3: Type-test with 50,000 locking bolt operating cycles. Furthermore the lock was tested successfully by a neutral testing institute with 500,000 latch and 100,000 locking bolt operating cycles.



to suit US 10 corner lock

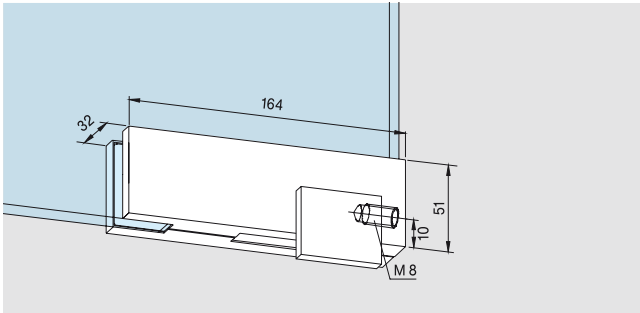
For 10 mm glass thickness

Art. No. 03.230

For 12 mm glass thickness,
only in satin stainless steel

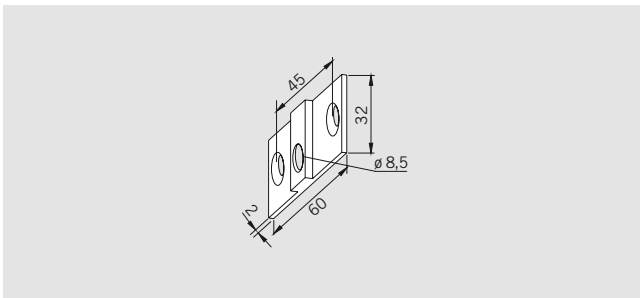
Art. No. 03.870

Weight in kg:
aluminium 0.418
stainless steel 0.536



Ø80
with stop

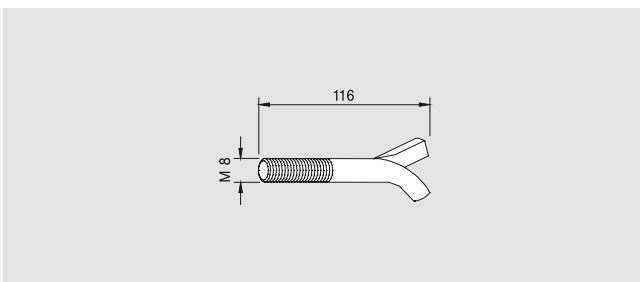
Art. No. *03.234 / 03.235



Fixing plate
for overpanel strike box GK 30

Art. No. 03.128

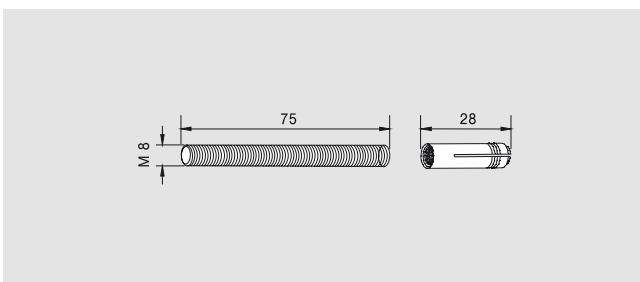
Weight in kg:
aluminium 0.016
brass 0.038
Stainless steel not available,
satin chrome on brass supplied.



Wall anchor
with thread M 8 for overpanel
patch

Art. No. 01.133

Weight in kg: 0.040

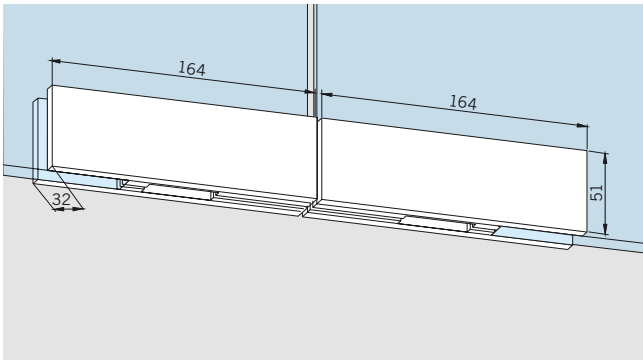


Threaded rod
M 8 with plug for overpanel
patch

Art. No. 01.134

Weight in kg: 0.032

* Left / right hand (illustration shows left hand) are determined by view from hanging side.



box to suit US 10 corner locks,
consisting of two GK 30 with
threaded connecting bolt

for 10 mm glass thickness

Art. No. 03.245

for 12 mm glass thickness,
only in satin stainless steel

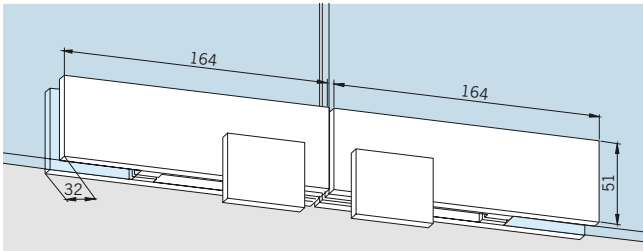
Art. No. 03.871

Weight in kg:

aluminium 0.866

brass 1.154

satin stainless steel 1.200



20
with stop

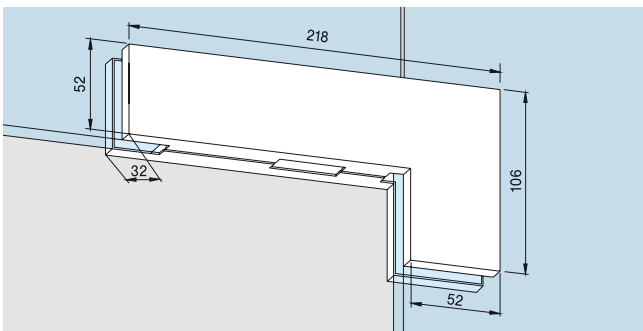
Art. No. 03.247

Weight in kg:

aluminium 0.926

brass 1.234

satin stainless steel 1.192



GK 40
corner overpanel strike box
to suit US 10 corner lock

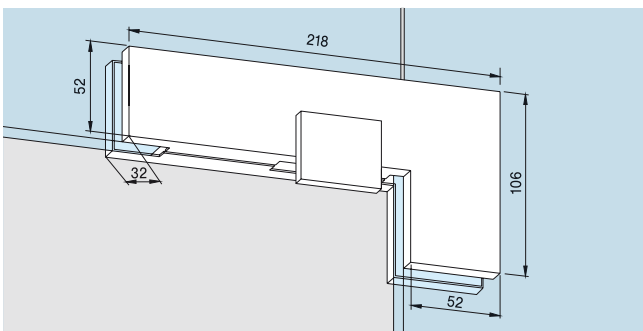
Art. No. 03.250

Weight in kg:

aluminium 0.709

brass 1.035

stainless steel 1.010



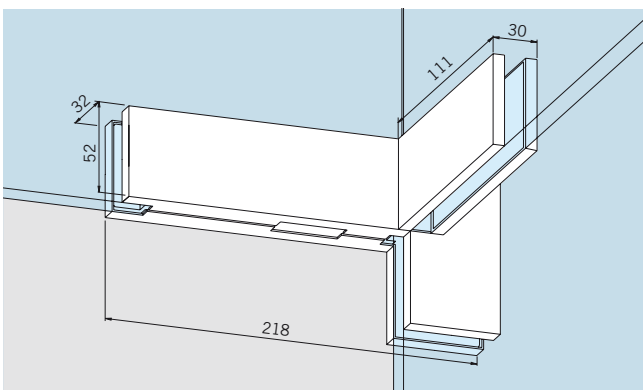
GK 40
with stop

Art. No. *03.254 / 03.255

Weight in kg:

aluminium 0.769

stainless steel 1.082



GK 41 strike box
for PT 41, with fin fitting

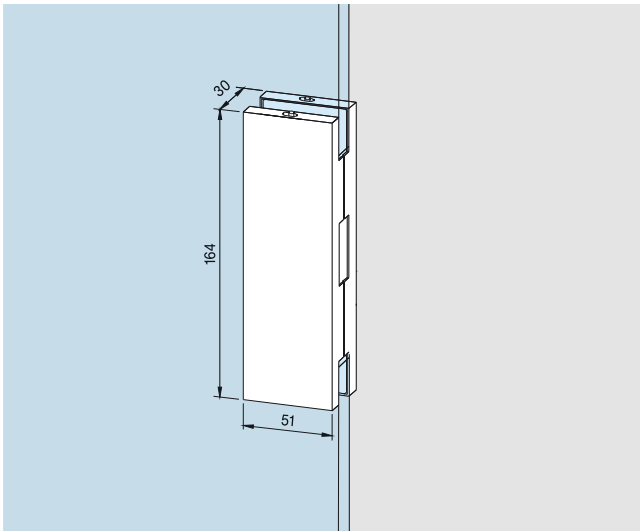
Art. No. *03.194 / 03.193

Weight in kg:

aluminium 0.906

stainless steel 1.270

* Left / right hand (illustration shows left hand) are determined by view from hanging side.



to suit US 20 centre lock

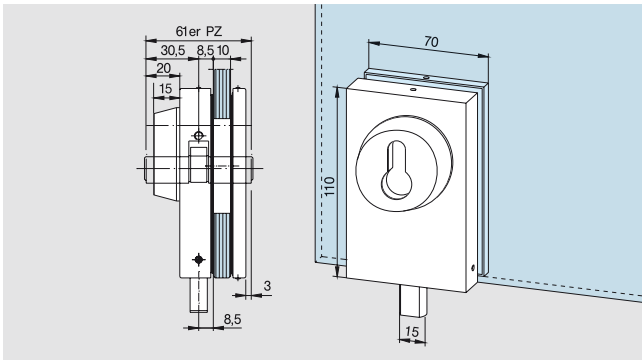
For 10 mm glass thickness

Art. No. 03.224

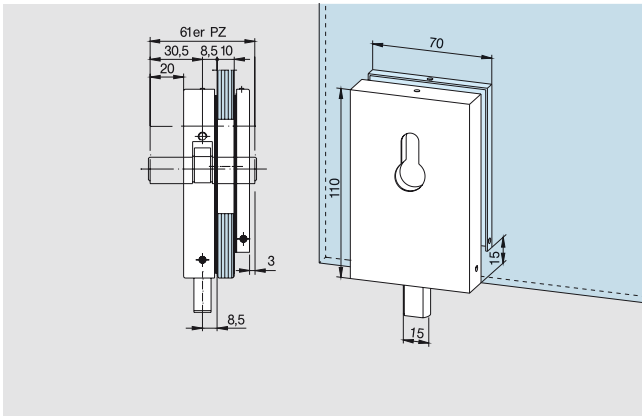
Weight in kg:
aluminium 0.602
brass 0.730
stainless steel 0.727

For 12 mm glass thickness
only in satin stainless steel

Art. No. 03.869



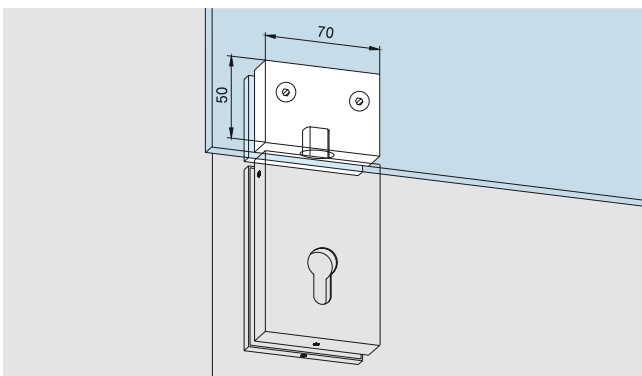
Art. No. 05.118
 prepared for Europrofile
 cylinder, rose inside
 Weight in kg:
 aluminium 0.924
 brass 1.236



Art. No. 05.103
 Corner lock,
 for vertical fixing, double throw,
 bolt projection 20 mm,
 hardened oval bolt, counterplate
 shortened to give 15 mm free
 glass edge, prepared for
 Europrofile cylinder

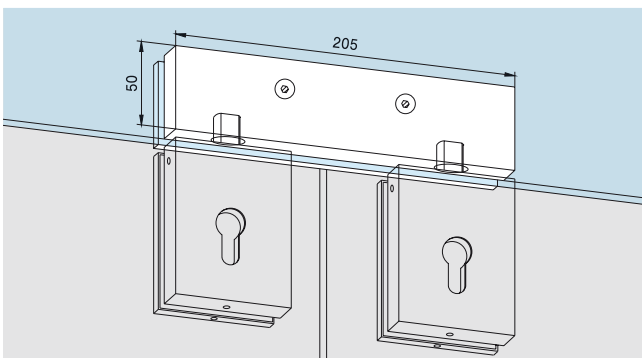
Not illustrated:
 prepared for one-sided Europro-
 file cylinder, lockable from
 inside
 Art. No. 05.117
 Weight in kg:
 aluminium 0.818
 brass 0.984

Not illustrated:
 prepared for Europrofile cylin-
 der, rose inside
 Art. No. 05.119
 Weight in kg:
 aluminium 0.882
 brass 1.184



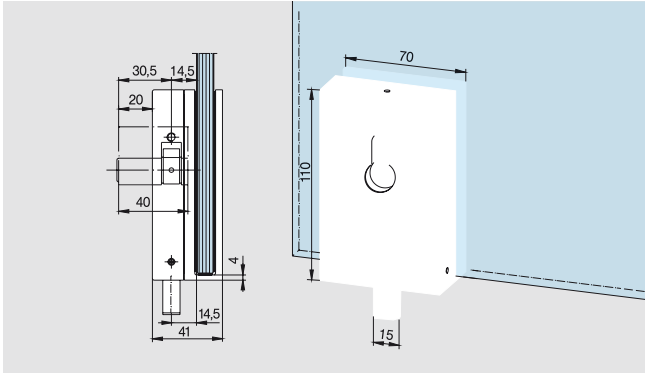
Art. No. 05.108
 Strike box
 to suit corner lock (05.100,
 05.105, 05.116), for single
 door without stop
 Weight in kg:
 aluminium 0.260
 brass 0.765

Not illustrated:
 with stop
 for Art. No. 05.103, 05.117,
 05.119
 Art. No. 05.109
 Weight in kg:
 aluminium 0.264
 brass 0.760

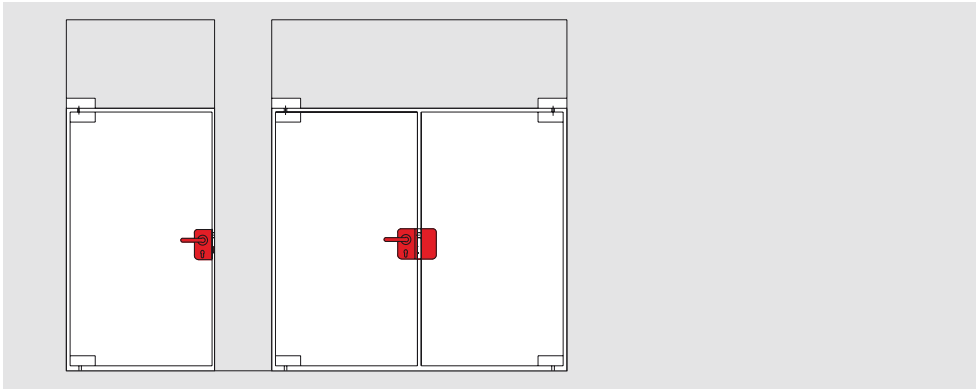


Art. No. 05.110
 Strike box
 for corner lock
 (05.100, 05.116), for double
 doors without stop
 Weight in kg:
 aluminium 0.760

Not illustrated:
 with stop
 for Art. No. 05.100, 05.105,
 05.116, 05.118
 Art. No. 05.111
 Weight in kg:
 aluminium 0.770

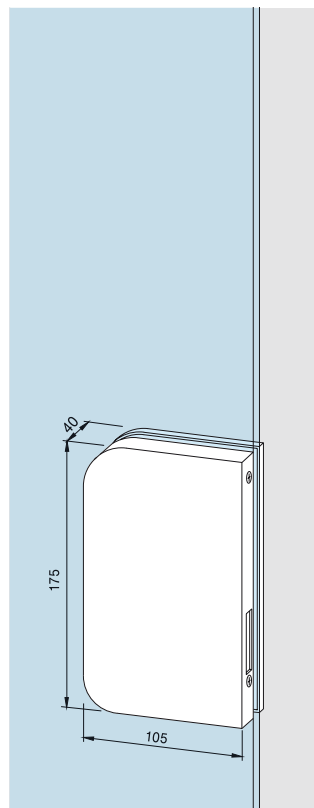
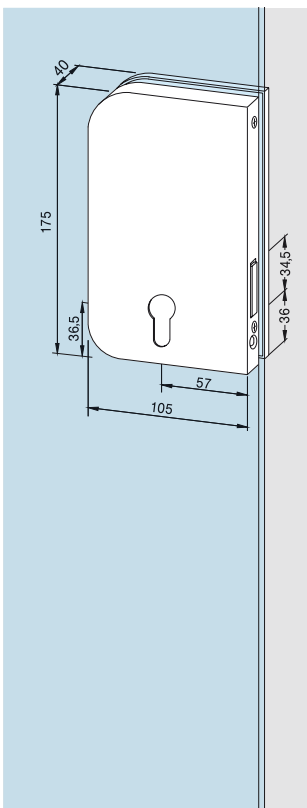


CENTRE LOCKS AND STRIKE BOXES



Centre locks and strike boxes with drilled holes glass preparation

, 10



not available in aluminium mill finish (100)

Centre lock for double action door, prepared for Europrofile cylinder, double throw

Art. No. *11.216 / 11.217

Weight in kg:
aluminium 1.070

Not illustrated: prepared for KABA

Art. No. *11.250/11.251

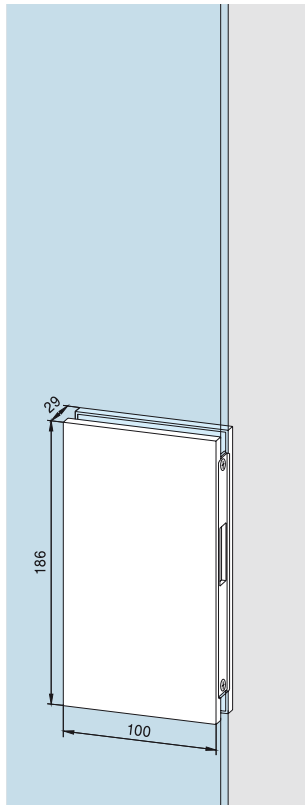
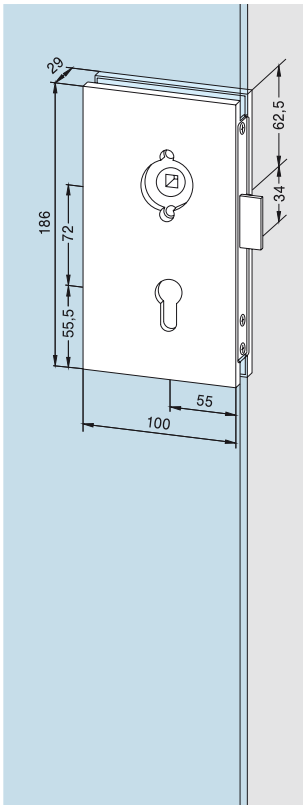
Weight in kg:
aluminium 1.063

Strike box to suit centre locks for:
Art. No. 11.216, 11.217,
Art. No. 11.250, 11.251

Art. No. *11.218 / 11.219

Weight in kg:
aluminium 0.965

* Left / right hand (illustration shows left hand) are determined by view from hanging side.



n ,
with lockable latch, nightlatch
function (suitable for aluminium
lever handles with round roses),
prepared for Europrofile cylinder

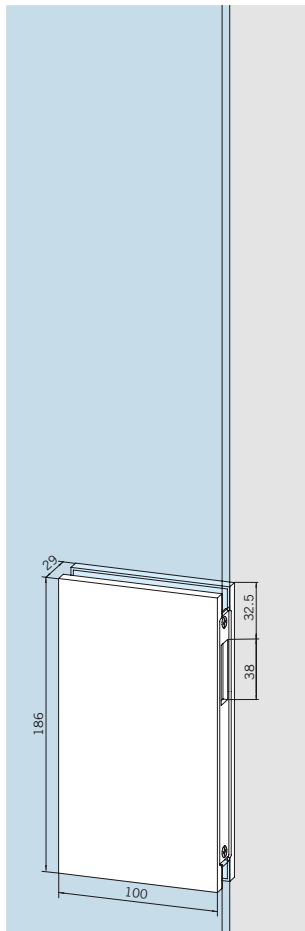
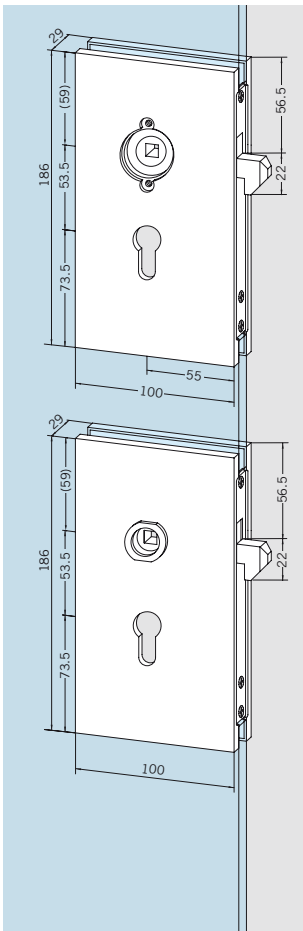
Art. No. *05.210 / 05.211

Weight in kg:
aluminium 1.350

Strike box
to suit centre locks (nightlatch
function) for
Art. No. 05.210/05.211

Art. No. *05.212 / 05.213

Weight in kg:
aluminium 0.900



Hook lock
for sliding doors, nightlatch
function, suitable for
aluminium lever handles with
round roses (10.307),
prepared for Europrofile cylinder,
left hand and right hand,
with lock keeper plate

Art. No. 05.200

Weight in kg:
aluminium 1.325

Suitable for lever handles
with follower

Art. No. 05.202

Weight in kg:
aluminium 1.325

Strike box
to suit hook lock, (05.200,
05.202), non-handed

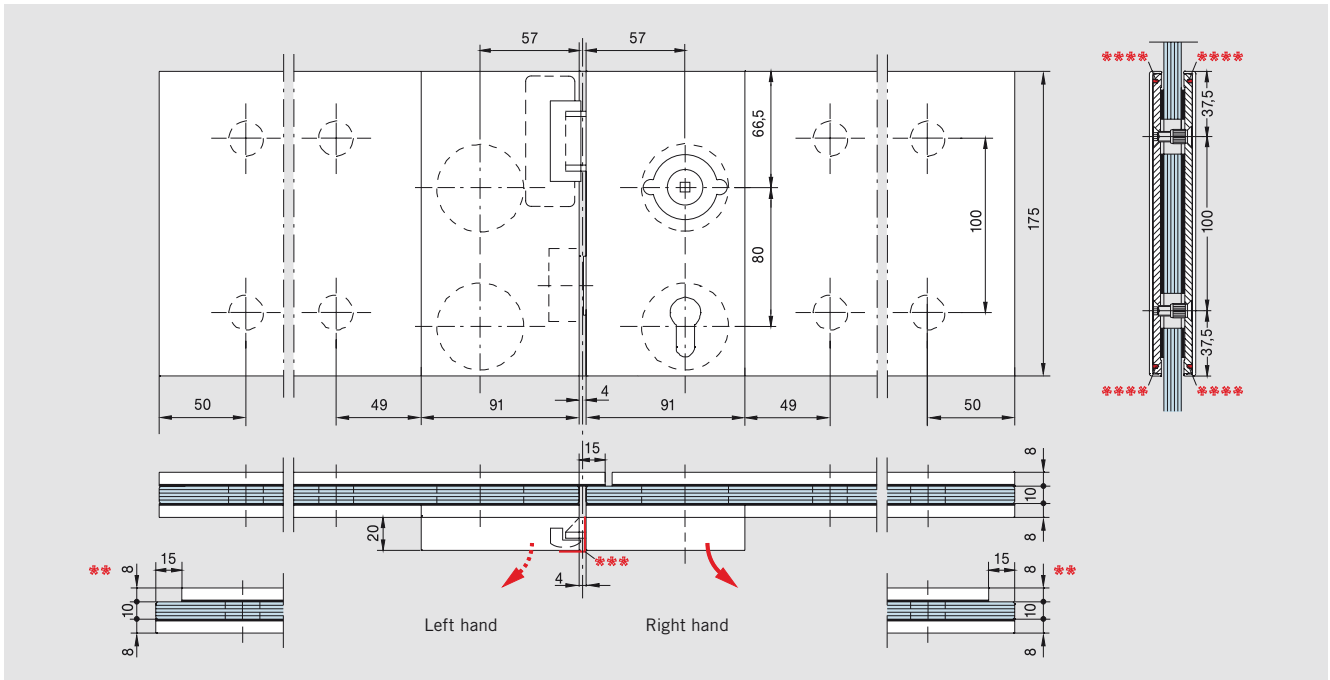
Art. No. 05.201

Weight in kg:
aluminium 0.890

* Left / right hand (illustration shows left hand) are determined by view from hanging side.

LOCKS AND STRIKE BOXES WITH ELECTRIC STRIKE RELEASE

for 10 mm glass thickness



Centre lock complete with midrail, with latch and lock bolt, for inward opening single action doors, prepared for lever on round rose inside, smooth blanking plate outside, prepared for Europrofile cylinder

Midrail 800 – 1200 mm

Art. No. *05.220/05.221

Midrail up to 799 mm

Art. No. *05.232/05.233

Weight in kg/m:
aluminium 7.018

Not illustrated:
prepared for KABA
Midrail 800 – 1200 mm

Art. No. *05.256 / 05.257

Midrail up to 799 mm

Art. No. *05.236 / 05.237

Weight in kg/m:
aluminium 7.011

Suitable lever handles
see page 103

Art. No. *11.226/11.227

Strike box, complete with midrail, with electric strike release (Standard: Fail secure function, 6 to 12 V \sim , with mechanical unlock. Further types on request.)

To suit centre lock with midrail for

Art. No. 05.220/05.221

Art. No. 05.232/05.233

Art. No. 05.256/05.257

Midrail 800 – 1200 mm

Art. No. *05.222 / 05.223

Midrail up to 799 mm

Art. No. *05.234 / 05.235

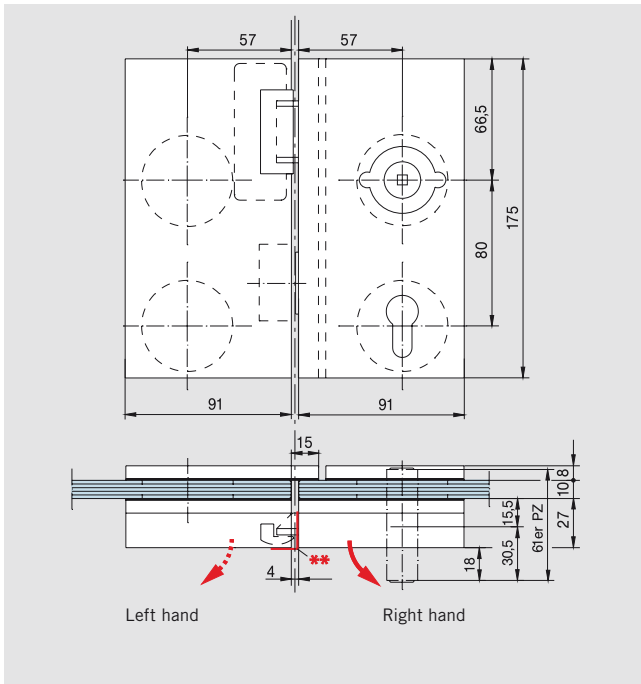
Weight in kg/m:
aluminium 6.523

Aluminium midrail for sidepanels, length up to 6000 mm

Art. No. 05.230

Weight in kg/m:
aluminium 5.928

- * Left / right hand are determined by view from hanging side.
- ** All centre locks and strike boxes with midrail are also available with free glass edge. Please give details with order.
- *** Angel bracket (05.218/05.219) for door opening outwards (optional)
- **** Recess for electric strike release cable



Centre lock
with latch and lock bolt, for
inward opening single action
doors, prepared for lever on
round rose inside, smooth
blanking plate outside, prepared
for Europrofile cylinder

Art. No. *05.224 / 05.225

Weight in kg:
aluminium 1.090

Not illustrated:
prepared for KABA

Art. No. *05.258 / 05.259

Weight in kg:
aluminium 1.083

Suitable lever handle
see page 103

Art. No. 11.226

Centre lock
with latch and lock bolt, for
inward opening single action
doors, prepared for rose lever on
both sides, prepared for Euro-
profile cylinder

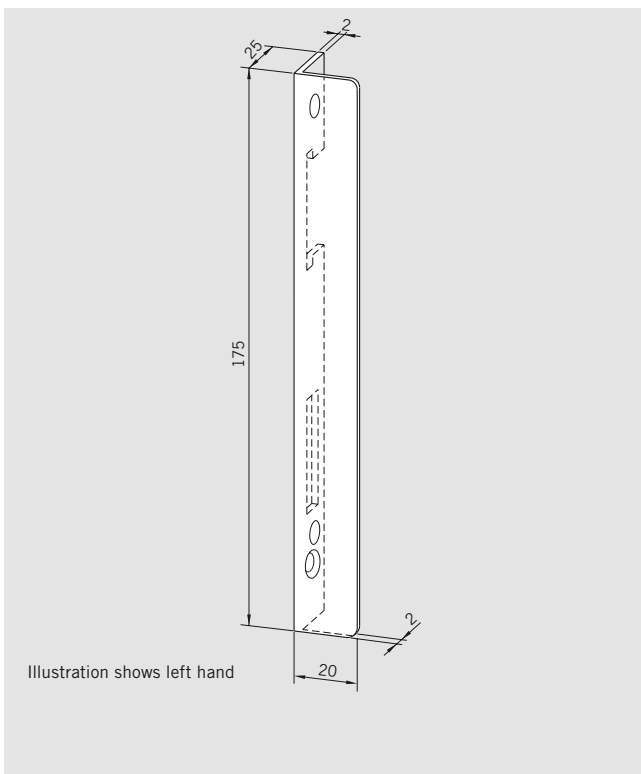
Art. No. *05.228 / 05.229

Weight in kg:
aluminium 1.090

Strike box,
to suit centre lock with latch
and lock bolt, with electric
strike release (Standard: fail
secure function, 6 to 12 V -/~,
with mechanical unlock. Further
types on request.)
for Art. No. 05.224, 05.225,
05.258, 05.259

Art. No. *05.226 / 05.227

Weight in kg:
aluminium 0.595



Angle bracket
for centre locks
(opening to outside)

Art. No. *05.218 / 05.219

Weight in kg: 0.040

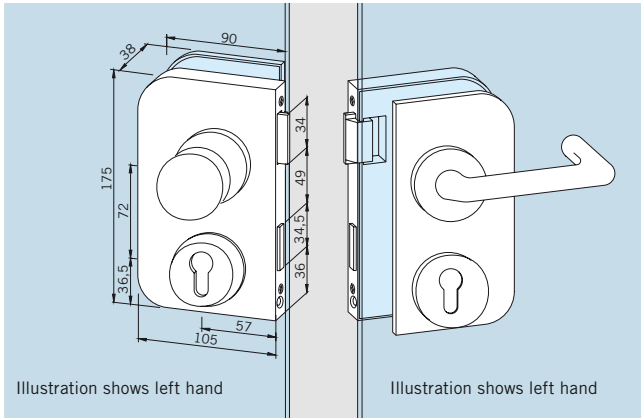
* Left / right hand are determined by view from hanging side.
** Angle bracket (05.218/05.219) for door opening outwards (optional)

LOCKS WITH PANIC FUNCTION, OPENING TO OUTSIDE

for 10 mm glass thickness

Operation outside: Bolt is unlocked by turn of key, and latch is withdrawn by follower.

Operation inside: Lock can be operated by rose lever handle or panic push bar even when bolt is locked.



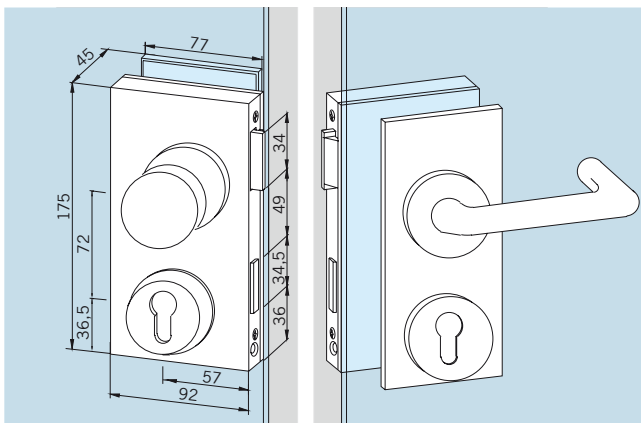
Not for emergency exit doors according to German Standard DIN EN 179 or DIN EN 1125 (corresponding modifications in preparation)

For best protection against burglary we recommend the use of the angle bracket (05.218/05.219)

Centre lock with both latch and lock bolt, rose lever on inside and fixed knob (without function) on outside. Prepared for Euro-profile cylinder with roses

Art. No. *05.240 / 05.241

Weight in kg:
aluminium 1.706



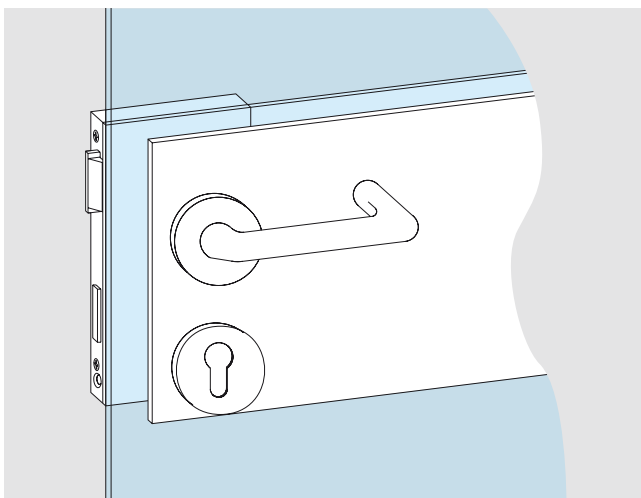
For strike boxes with electric strike release

Centre lock with both latch and lock bolt, with angled cover, for door opening outwards (not shown), rose lever on inside and fixed knob (without function) on outside. Prepared for Europrofile cylinder with roses.

Art. No. *05.244 / 05.245

Weight in kg:
aluminium 2.900

Lockable into strike boxes with electric strike release for Art. No. 05.226/05.227



Centre lock complete with midrail, with latch and lock bolt, with angled cover, for door opening outwards (not shown), rose lever on inside and fixed knob (without function) on outside. Prepared for Europrofile cylinder with roses. Lockable into strike boxes with electric strike release for Art. No. 05.222/05.223, for Art. No. 05.234/05.235

Midrail 800 – 1200 mm
Midrail up to 799 mm

Art. No. *05.246 / 05.247

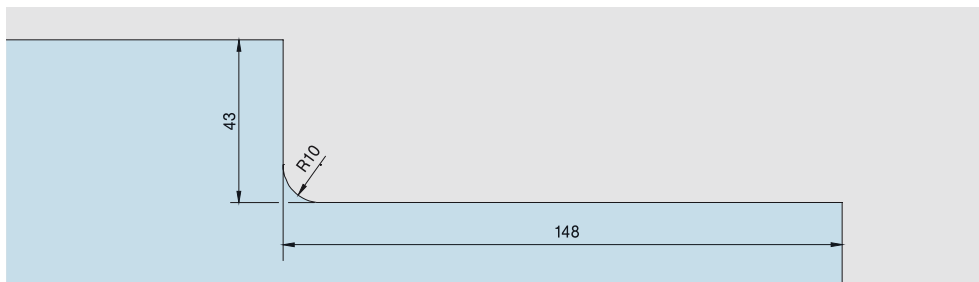
Art. No. *05.248 / 05.249

Weight in kg/m:
aluminium 7.500

Additional solutions with panic function for glassdoors you can find in the technical documentation of PHA 2000 and Exit Pad

* Left / right hand are determined by view from hanging side.

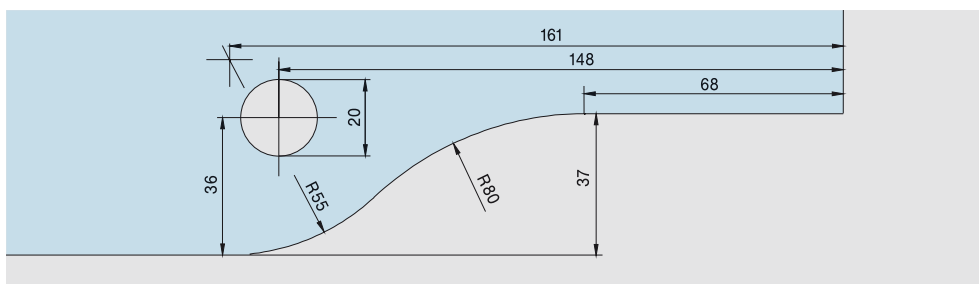
GLASS PREPARATION LOCKS



S 10

Corner locks
Art. No. 03.206, 03.285,
03.287, 03.288, 03.340

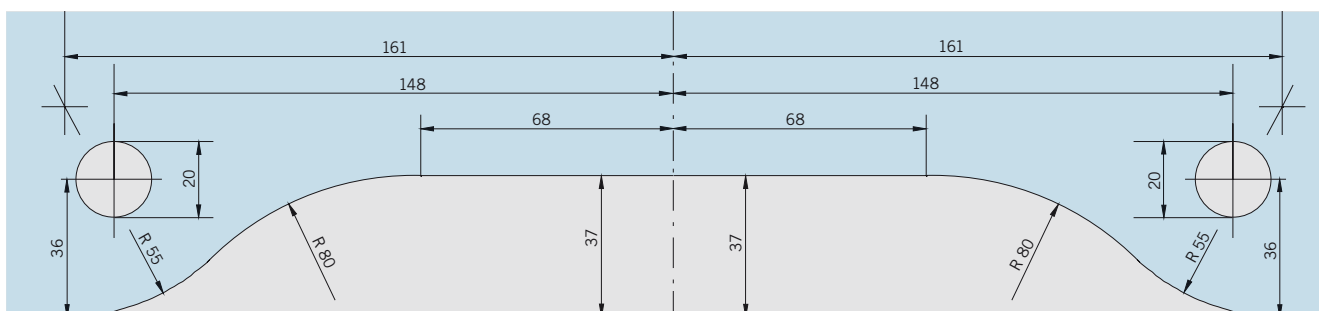
Scale 1 : 2



GK 30 (PT 30)

Single overpanel strike box
Art. No. 03.230, 03.234,
03.235

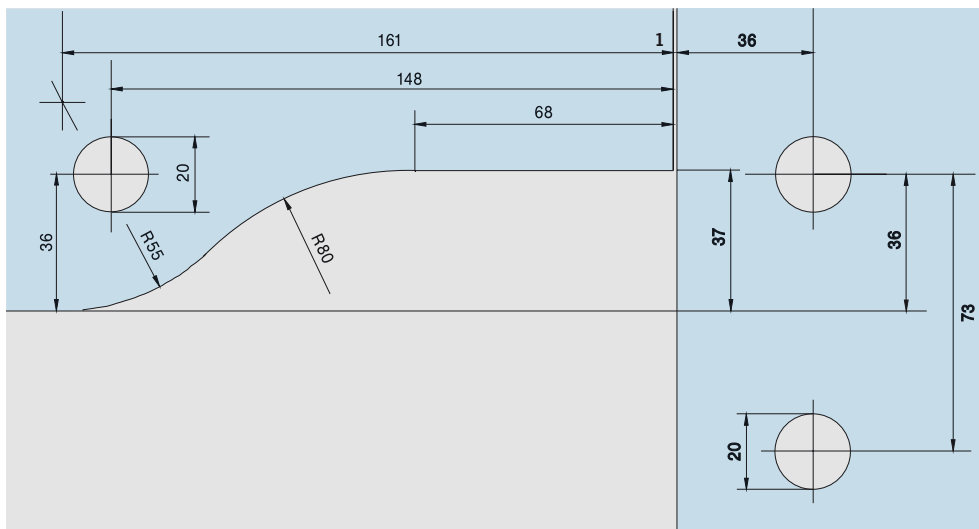
Scale 1 : 2



GK 20

Double overpanel strike box
Art. No. 03.245, 03.246,
03.247

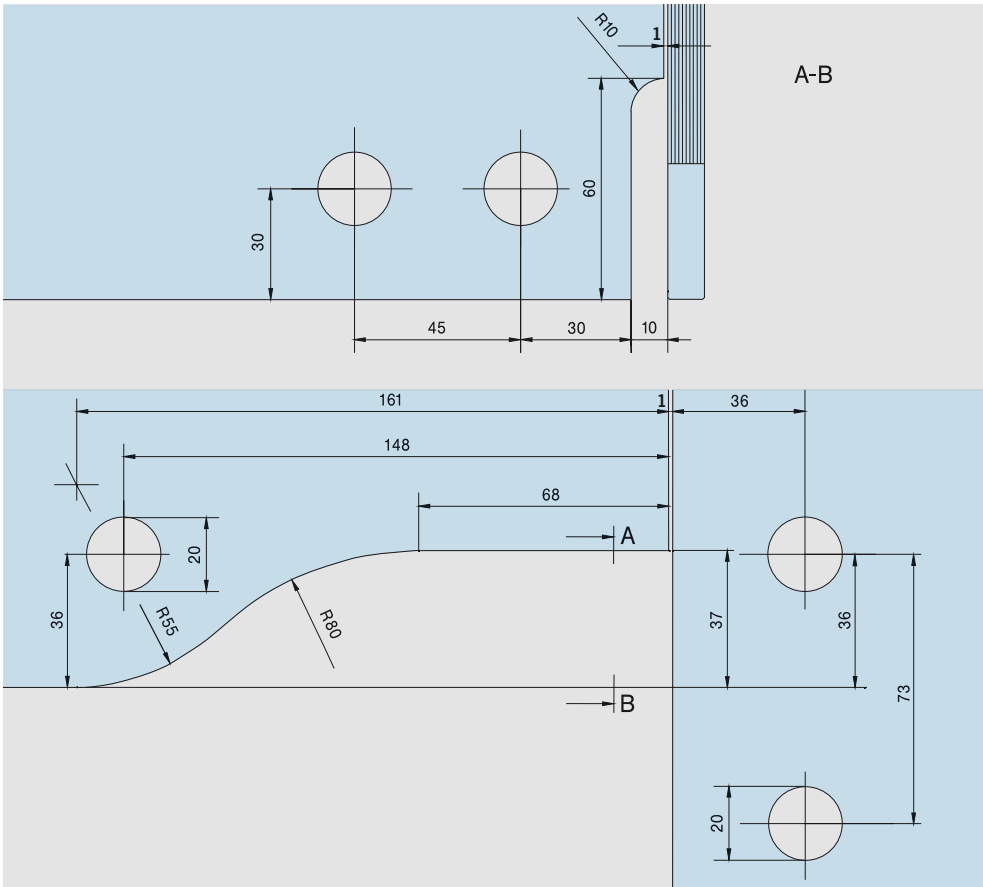
Scale 1 : 2



GK 40 (PT 40)

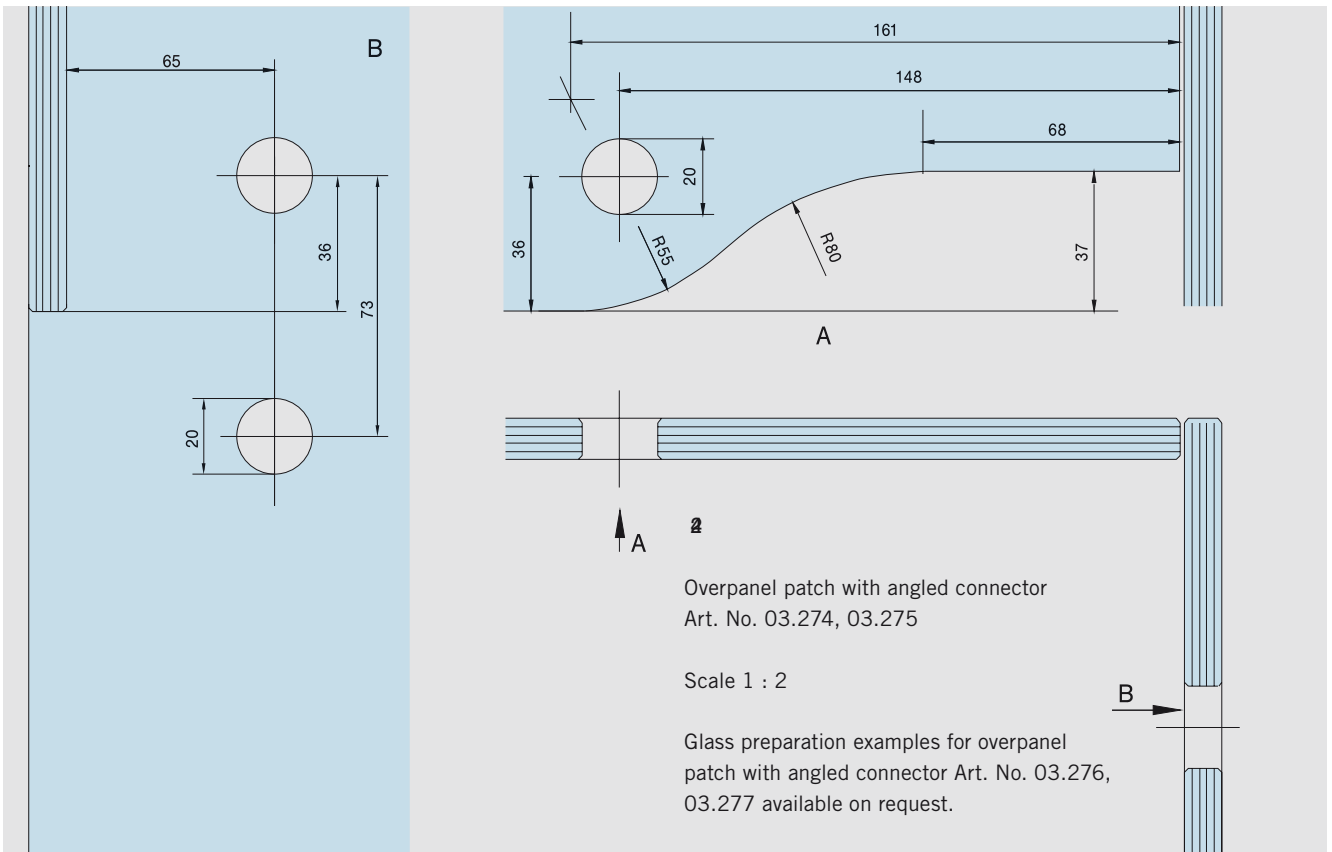
Corner overpanel
strike box
Art. No. 03.250, 03.254,
03.255

Scale 1 : 2



Strike box with fin fitting inside
Art. No. 03.193, 03.194

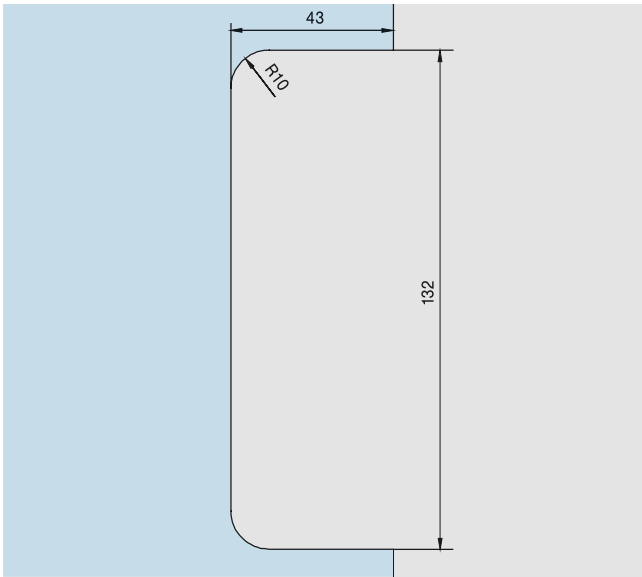
Scale 1 : 2



Overpanel patch with angled connector
Art. No. 03.274, 03.275

Scale 1 : 2

Glass preparation examples for overpanel
patch with angled connector Art. No. 03.276,
03.277 available on request.

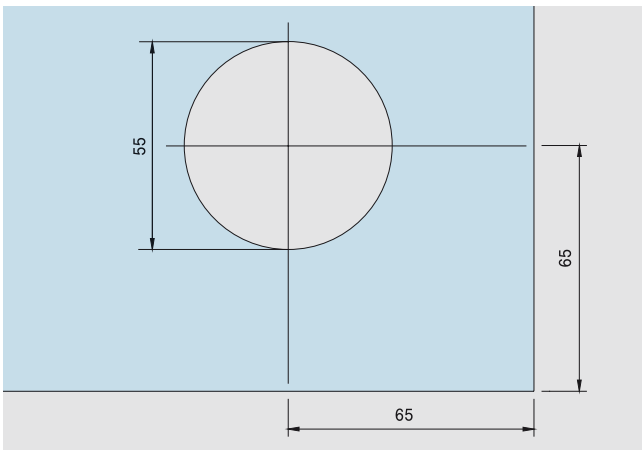


US 20, GK 0

Centre lock
 Art. No. 03.215, 03.289,
 03.290, 03.345
 and strike box for centre lock
 Art. No. 03.224

Scale 1 : 2

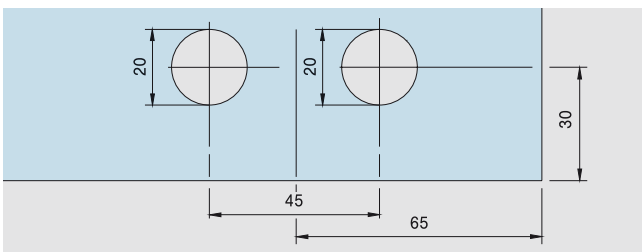
GLASS PREPARATION FOR CORNER, CENTRE LOCKS AND STRIKE BOXES, REQUIRING DRILLED HOLES



Corner locks

Art. No. 05.100, 05.103,
 05.105, 05.116, 05.117,
 05.118, 05.119

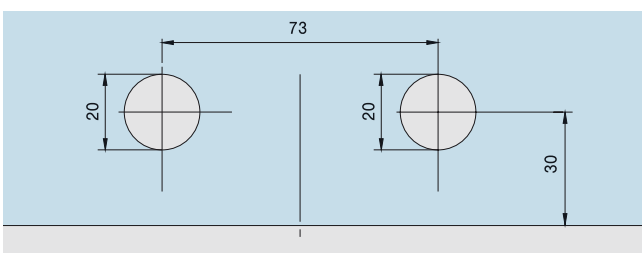
Scale 1 : 2



Strike boxes

Art. No. 05.108, 05.109

Scale 1 : 2

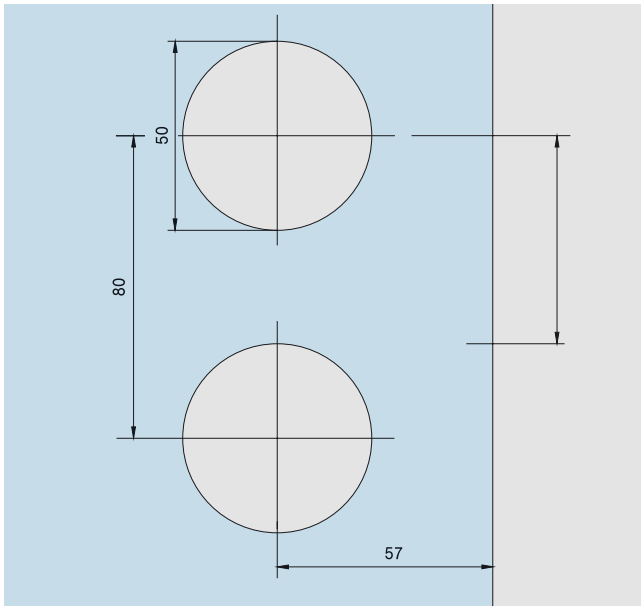


Strike boxes

Art. No. 05.110, 05.111

Scale 1 : 2

GLASS PREPARATION FOR CENTRE LOCKS AND STRIKE BOXES, REQUIRING DRILLED HOLES



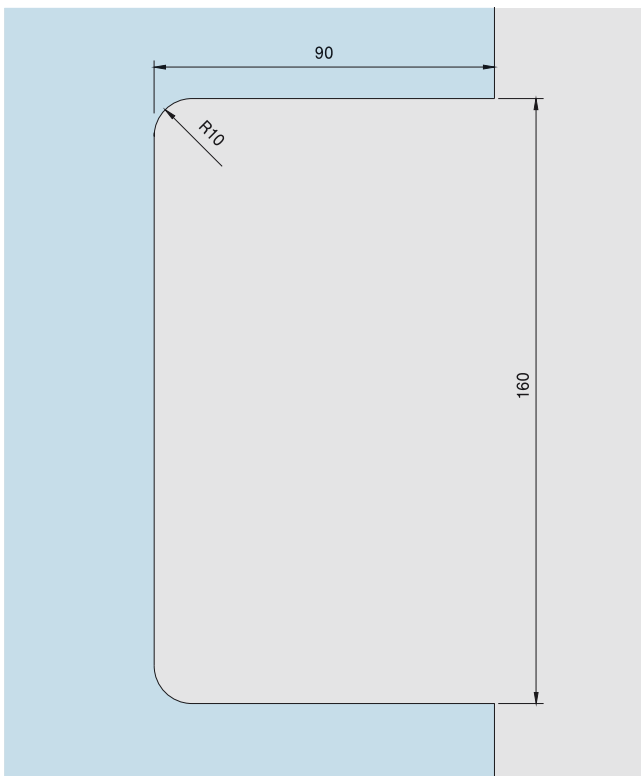
C

Art. No. 11.216, 11.217,
11.220, 11.221, 11.224,
11.225, 11.250, 11.251,
11.252, 11.253, 11.254,
11.255

Strike boxes for centre locks

Art. No. 11.206, 11.207,
11.218, 11.219, 11.222,
11.223

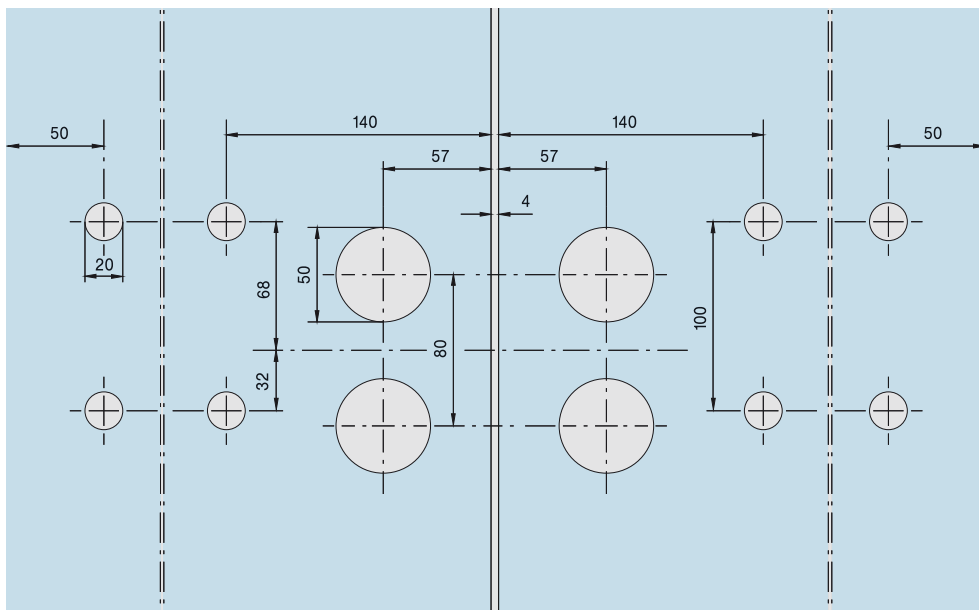
Scale 1 : 2



Centre locks with nightlatch
function, hook bolts and strike
boxes

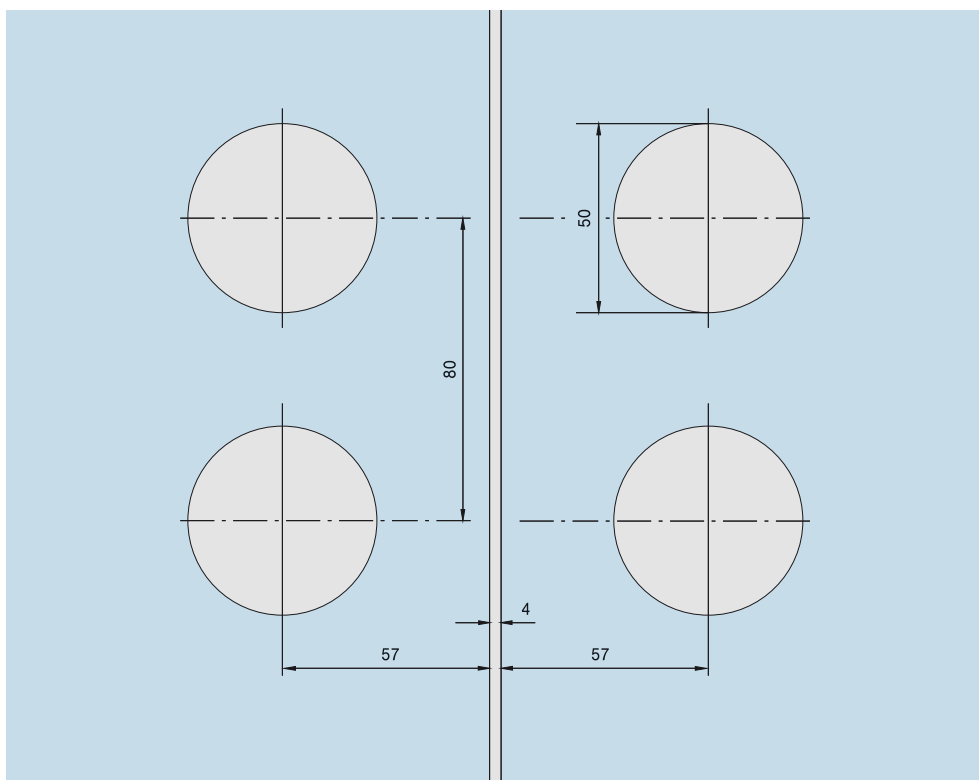
Art. No. 05.200, 05.201,
05.202, 05.210, 05.211,
05.212, 05.213

Scale 1 : 2



Art. No. 05.220, 05.221,
05.222, 05.223, 05.246,
05.247, 05.256, 05.257

Scale 1 : 4



Centre locks with latch and lock
bolts, and strike boxes

Art. No. 05.224, 05.225,
05.226, 05.227, 05.240,
05.241, 05.244, 05.245,
05.258, 05.259,

Scale 1 : 2

ACCESSORIES

G 134	Universal gasket sets 145
Floor bearings, Lock keeper plate, Floor sockets 135	Wall connecting profile system, U-profile 146
Top bearings, pivots 136	Accessories for door closer 154
Wall connection and cylinders 138	Safety-related information 157
Profiles, Pull handle, handle bars 139	
Clamping fittings 143	



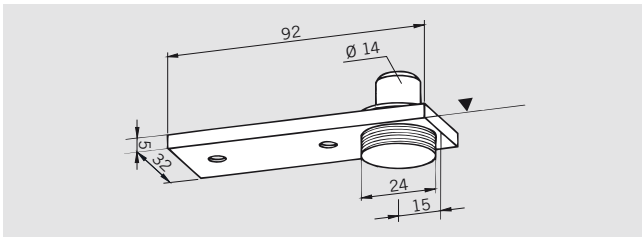
PERFECTION IN DETAIL

Original accessories for patch fittings, door rails and locks, matched to the DORMA-Glas product range, are available.

They ideally complement the range of DORMA-Glas hardware to optimise the technical excellence and cost effectiveness of toughened glass systems of all types.

Aside from functional components such as special floor pivots – including models for wet rooms – DORMA also offers a choice of security-relevant options. Their installation further enhances the exceptional functional efficiency, reliability and long service life expected of DORMA-Glas systems.

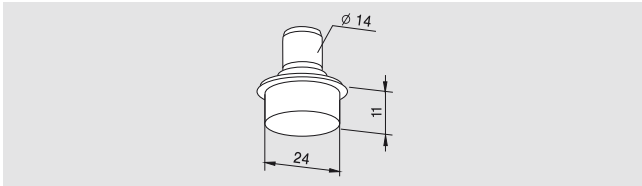
FLOOR BEARING, LOCK KEEPER PLATE, FLOOR SOCKET



Art. No. 01.106

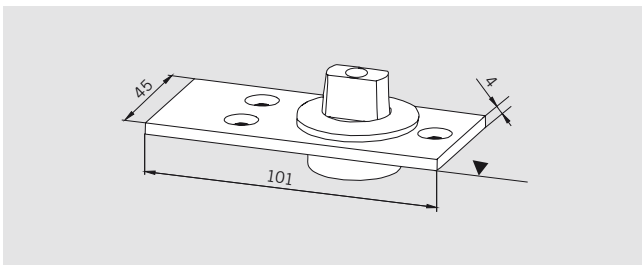
with round pivot 14 mm \varnothing ,
and cover plate;
height adjustable by 5 mm
max. door weight 100 kg

Weight in kg:
aluminium 0.155
brass 0.170
stainless steel 0.169



Floor pivot bearing
with round pivot 14 mm \varnothing
and pin 24 mm \varnothing
max. door weight 100 kg

Art. No. 01.107
Weight in kg: 0.078

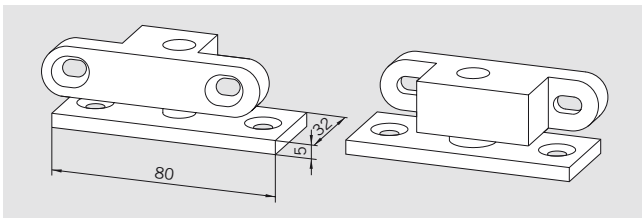


with DORMA profile spindle
(longer spindle on request),
max. door weight 200 kg

Art. No. 04.602
Weight in kg: 0.254

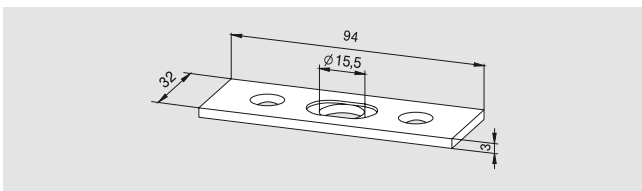
Stainless steel,
max. door weight 200 kg

Art. No. 04.603
Weight in kg: 0.256



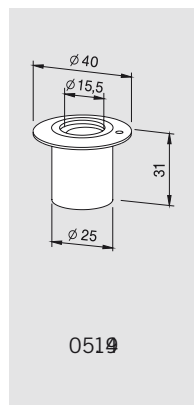
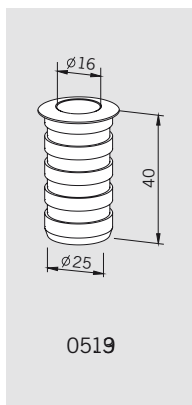
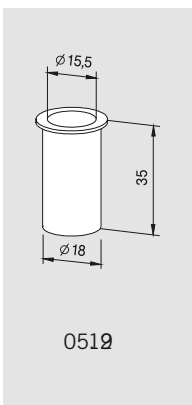
Floor pivot bearing
for damp environments, with
insert for Universal for mounting
onto floor surface
max. door weight 80 kg

Art. No. 01.137
Weight in kg: 0.195



Lock keeper plate,
stainless steel, two parts,
adjustable ± 5 mm

Art. No. 05.190
Weight in kg: 0.048



Floor socket,
zinc coated brass for lock bolt

Art. No. 05.192
Weight in kg: 0.020

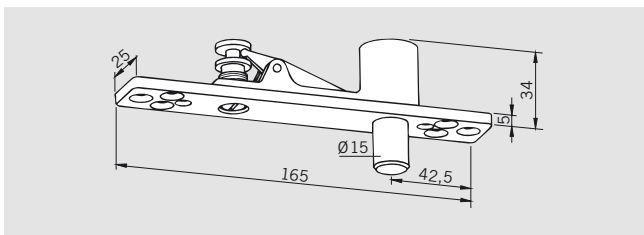
Floor socket, aluminium,
with spring and plastic stopper,
dirt protection

Art. No. 05.193
Weight in kg: 0.026

Eccentric socket, eccentric,
zinc coated brass, with
adjustable plastic socket insert

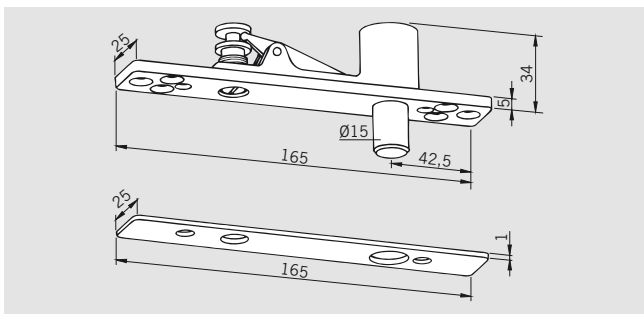
Art. No. 05.194
Weight in kg: 0.020

TOP BEARING, PIVOTS



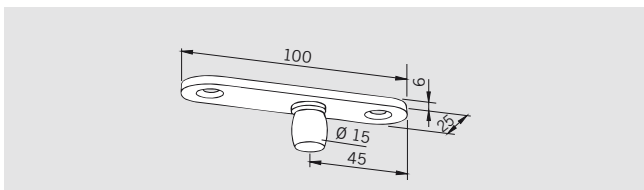
PT 21
top centre with removable pin
15 mm Ø

Art. No. 01.117
Weight in kg: 0.335



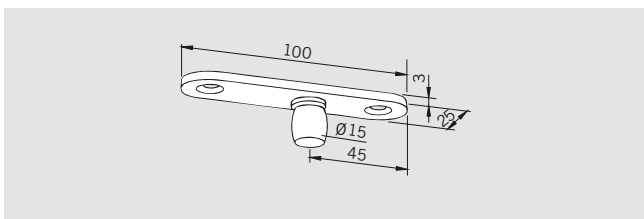
PT 21 frame portion
top centre with removable pin
15 mm Ø, with cover plate

Art. No. 01.118
Weight in kg: 0.345



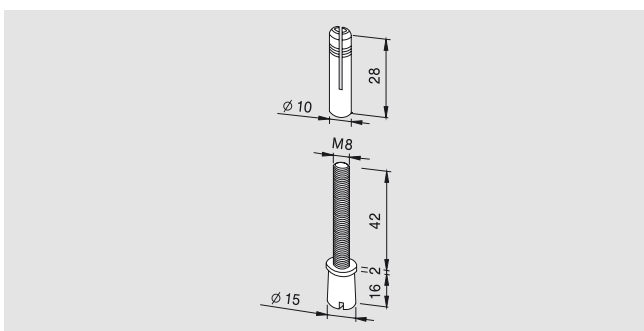
PT 24 pivot
15 mm Ø, with fixing plate,
material thickness 6 mm,
to let into ceiling

Art. No. 01.116
Weight in kg:
aluminium 0.058



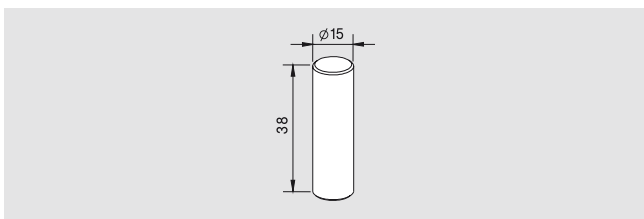
PT 24 pivot
15 mm Ø, with fixing plate,
material thickness 3 mm,
to screw on the ceiling

Art. No. 01.123
Weight in kg:
aluminium 0.042
stainless steel 0.074



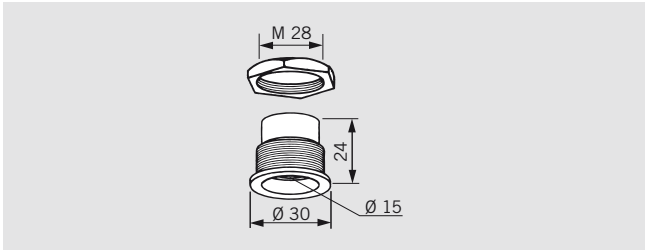
PT 25 pivot
15 mm Ø with plug

Art. No. 01.115
Weight in kg: 0.044



Loose pivot pin
for interface between patch
and rail

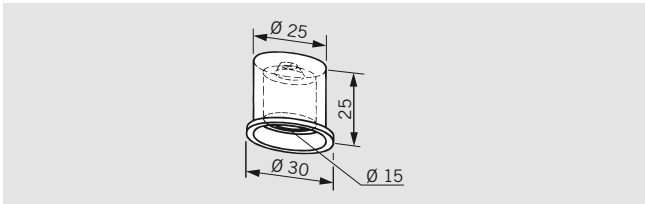
Art. No. 04.601
Weight in kg: 0.050



brass, nickel plated,
for installation in frame or
ceiling for 15 mm Ø pivot pin

Art. No. 01.129

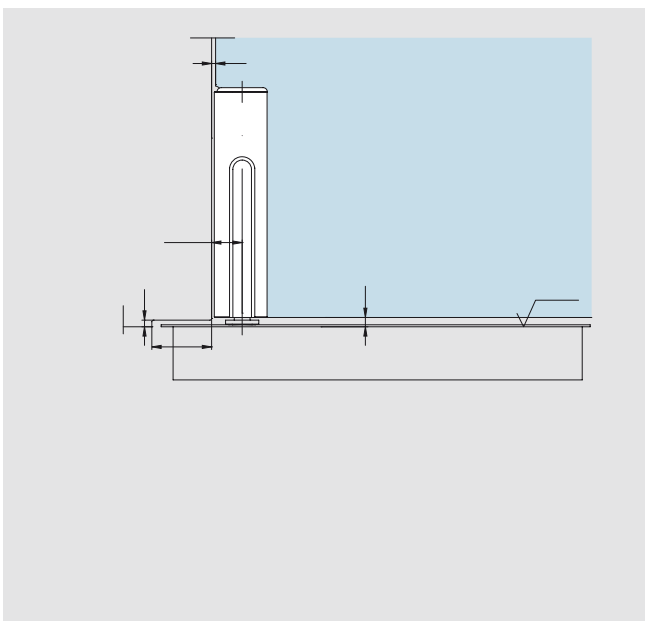
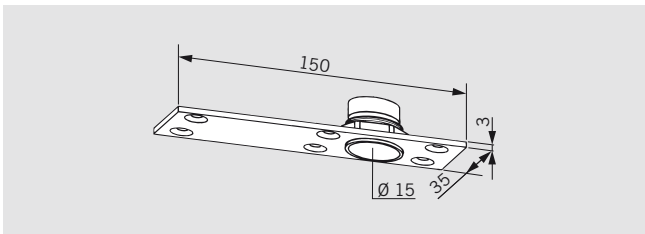
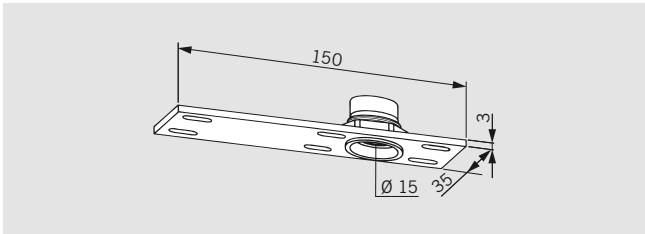
Weight in kg: 0.065



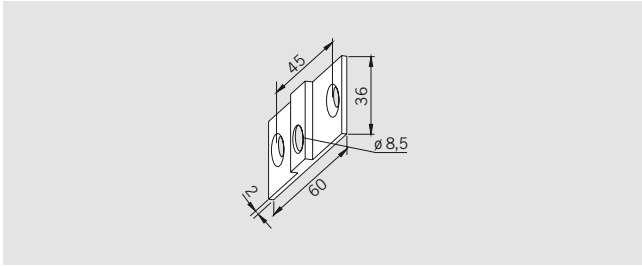
Top pivot bearing,
aluminium, for installation in
frame or ceiling for 15 mm Ø
pivot pin

Art. No. 01.130

Weight in kg: 0.018



WALL CONNECTION AND CYLINDERS

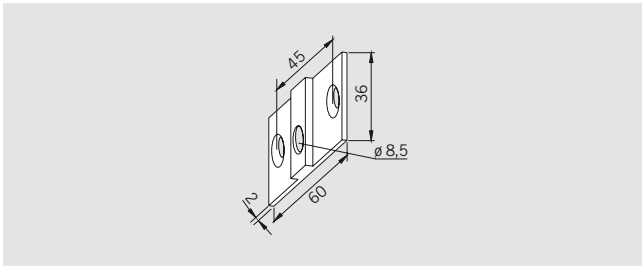


for overpanel patch PT 30 and
overpanel strike box GK 30

Art. No. 03.128

Weight in kg:
aluminium 0.016
brass 0.038

Stainless steel not available,
satin chrome on brass supplied.

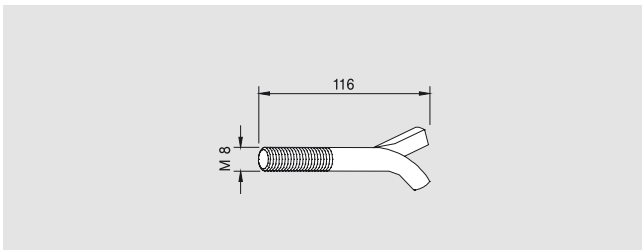


Fixing plate
for overpanel patches from
EP and EA program

Art. No. 01.127

Weight in kg:
aluminium 0.019
brass 0.045

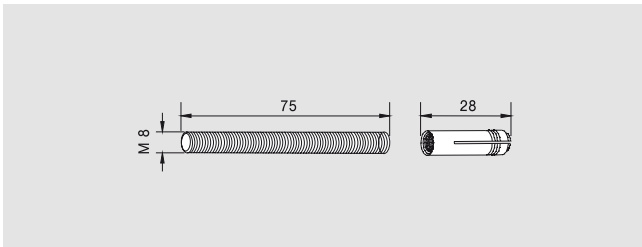
Stainless steel not available,
satin chrome on brass supplied.



Wall anchor
with thread M 8 for overpanel
patch

Art. No. 01.133

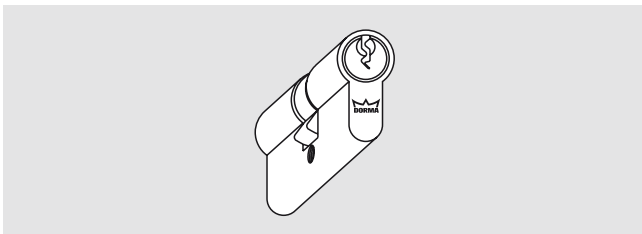
Weight in kg: 0.040



Threaded rod
M 8 with plug for overpanel
patch

Art. No. 01.134

Weight in kg: 0.032

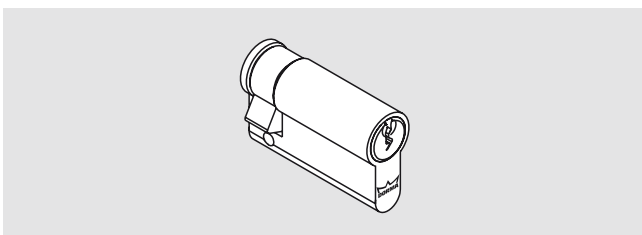


Profile cylinder
length 61 mm, differently
keyed, with DORMA Logo

Art. No. 05.001

Profile cylinder
length 61 mm, equally keyed,
with DORMA Logo

Art. No. 05.002

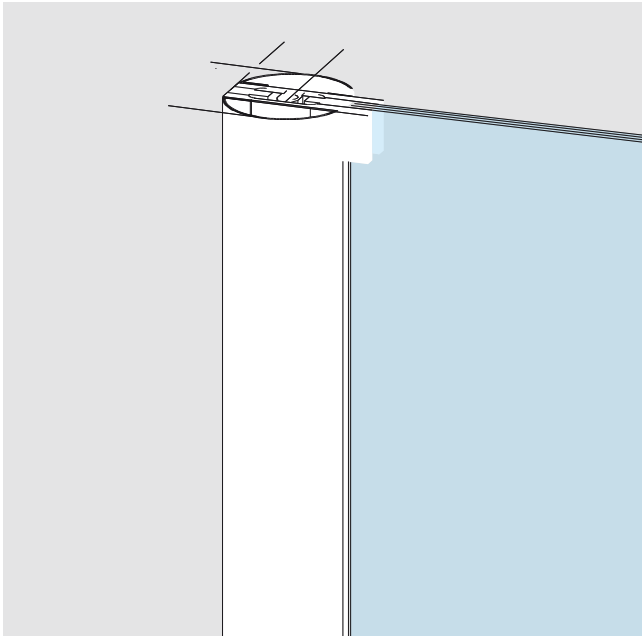


Half-profile cylinder
length 31 mm, differently
keyed, with DORMA Logo

Art. No. 05.003

Half-profile cylinder
length 31 mm, equally keyed,
with DORMA Logo

Art. No. 05.004



for pinch free doors with 65 mm pivot point, consisting of 2 halves, prepared for Universal fittings or door rails (76.5 mm or 100 mm). Please indicate:

- Panel height (max. 2500 mm, higher dim. on request)
- Required preparation of the profile for top and bottom fittings

Fixed length	Art. No. 03.380
Stock length 6000 mm	Art. No. 03.381
Stock length 3000 mm	Art. No. 03.382

Weight in kg/m:
aluminium 4.744

Radiused edging strip
for fittings with 15 mm/18 mm pivot point. For pinch free doors, (strip is clamped onto free glass edge), Acrylic.

Length: up to 4500 mm (specify height)	Art. No. 01.230
Length: 2250 mm	Art. No. 01.231

Weight in kg/m: 0.408



350 mm
2 hole fixing for 8, 10 and
12 mm glass thickness

Art. No. 26.500

Weight in kg:
aluminium 1.660

ARCOS handle bar
750 mm
2 hole fixing for 8, 10 and
12 mm glass thickness

Art. No. 26.510

Weight in kg:
aluminium 3.260

Pair of handle bars
length 350 mm
2 hole fixing for 8, 10 and
12 mm glass thickness

satin stainless steel

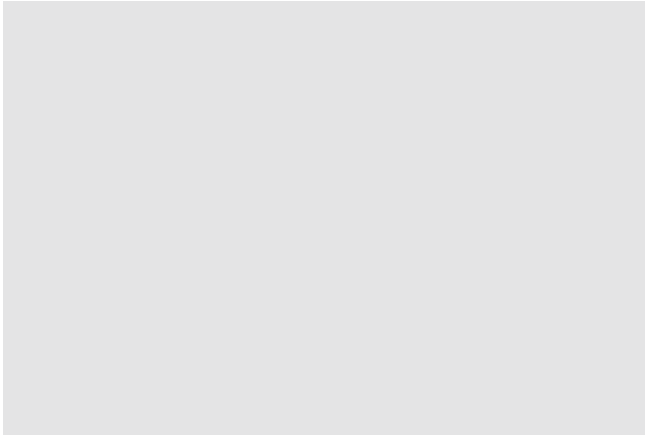
Art. No. 21.267

Weight in kg:
stainless steel 1,254

aluminium

Art. No. 03.400

Weight in kg:
aluminium 1,326



Aluminium
double sided, for 8–10 mm
glass thickness

2 hole fixing 300 mm

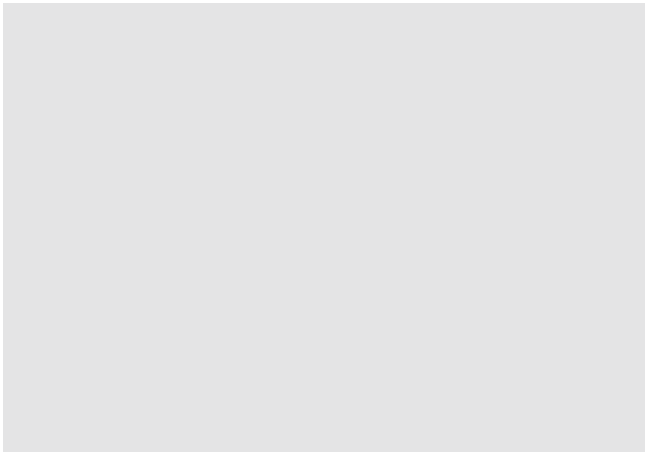
Art. No. 75.084

Weight in kg: 1.174

2 hole fixing 500 mm

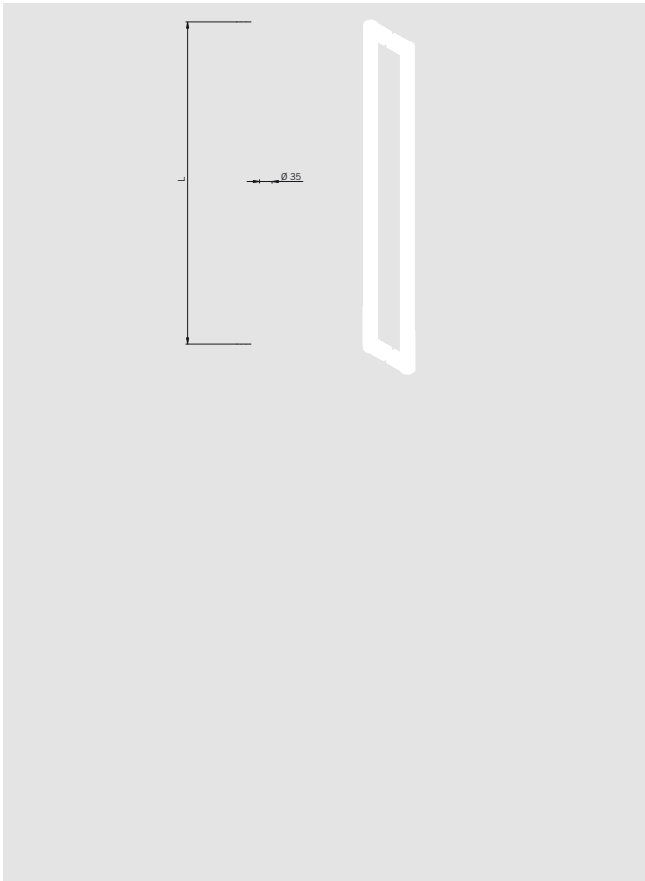
Art. No. 75.085

Weight in kg: 1.605



Lockable back to back handle
bar
for 6–16 mm glass,
1225 mm, with 2 fixings,
complete with closing device
and cylinder

Art. No. 21.279



BEYOND handle bar
for 10 an 12 mm glass,
two hole fixing

Length (L) 450 mm

Art. No. 30.300

Length (L) 600 mm

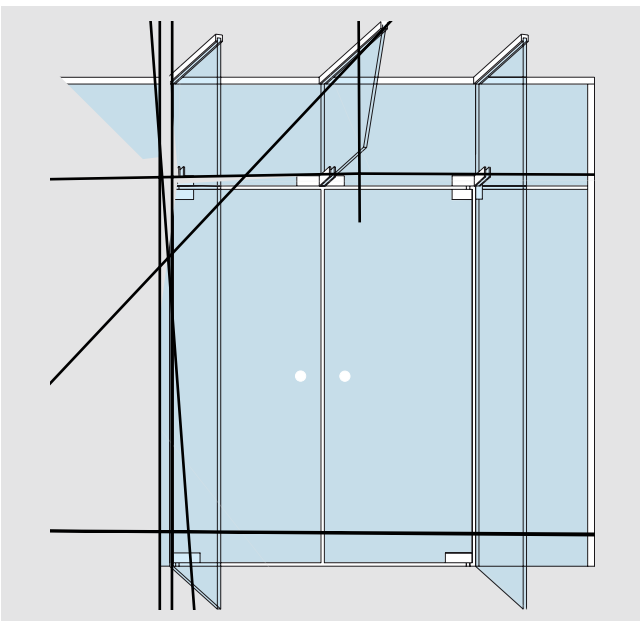
Art. No. 30.305

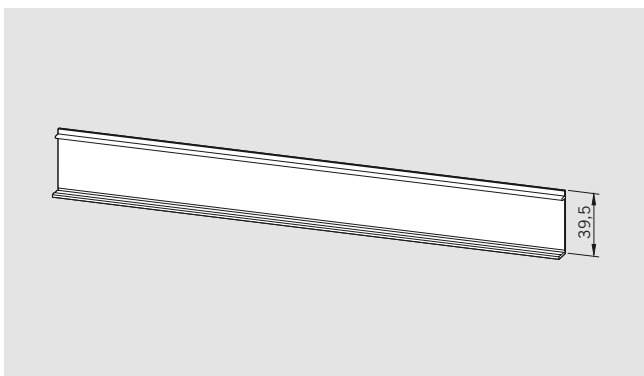
Length (L) 900 mm

Art. No. 30.310

with srew thread M 6

for 8 mm glass thickness:	Art. No. 07.008	
	Weight in kg:	
	aluminium	0.185
for 10 mm glass thickness:	Art. No. 07.009	
	Weight in kg:	
	aluminium	0.181
for 12 mm glass thickness:	Art. No. 07.010	
	Weight in kg:	
	aluminium	0.180



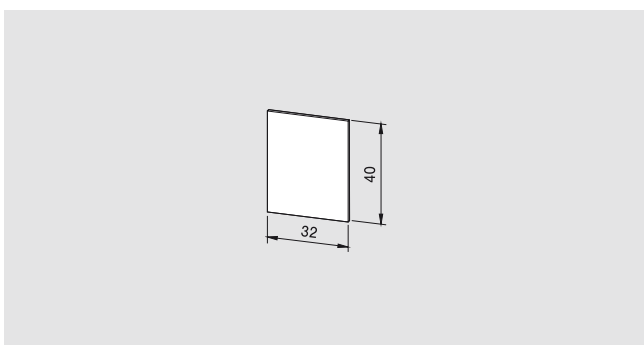


brass, stainless steel, satin and stainless steel polished door available

6000 mm stock length
fixed length

Art. No. 07.003
Art. No. 07.053

Weight in kg/m:
aluminium 0.203
brass 0.373
stainless steel 0.373

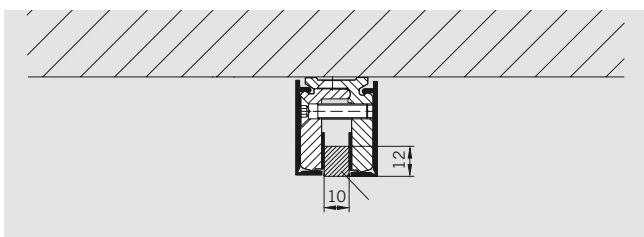


End cap

for 8 and 10 mm glass thicknesses
for 12–13,5 mm glass thicknesses
for 15–19 mm glass thicknesses

Art. No. 07.007
Art. No. 07.044
Art. No. 07.065

Weight in kg:
aluminium 0.003
brass 0.006
stainless steel 0.006

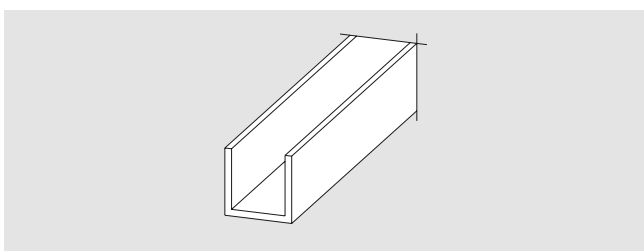


Filler block, 10 x 12 mm

6000 mm stock length
fixed length

Art. No. 07.006
Art. No. 07.054

Weight in kg:
aluminium 0.315



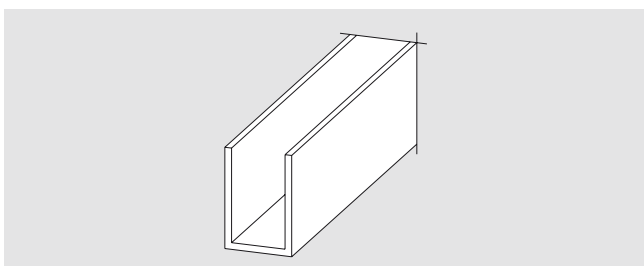
U_p

20 x 20 x 20 x 2 mm

6000 mm stock length
fixed length

Art. No. 07.092
Art. No. 07.093

Weight in kg/m:
aluminium 0.336



U-profile

30 x 20 x 30 x 2 mm

6000 mm stock length
fixed length

Art. No. 07.097
Art. No. 07.096

Weight in kg/m:
aluminium 0.448

WALL CONNECTING FRAME SYSTEM MR 22 AND MR 28

Comprising a frame profile (series-drilled), a clamping profile and two contact rubber extrusions (PVC, transparent).

These decorative and elegant frame solutions are suitable for both indoor and outdoor applications and are characterised by their remarkably easy installation.

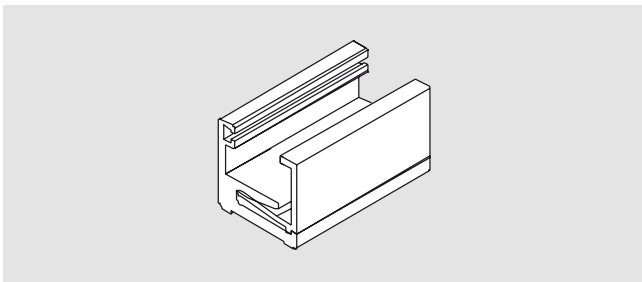
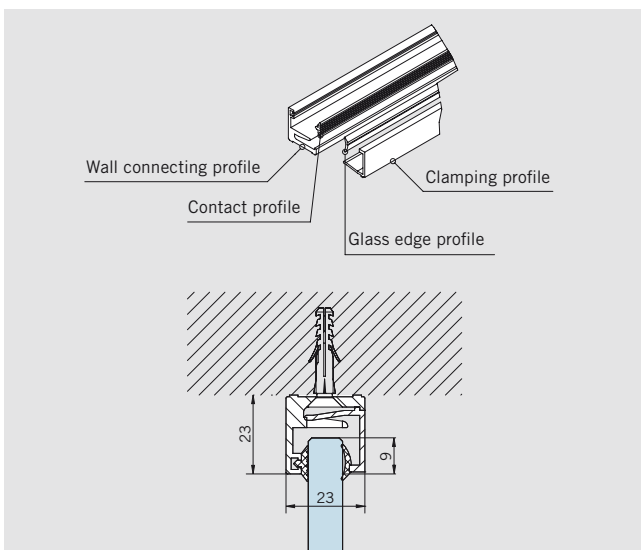
The viewface width in the case of the MR 22 is a mere 22 mm and in the case of the MR 28 it is just 28 mm. Suitable for glass thicknesses of 8 and 10 mm. No load transfer by the profiles.

Can be readily removed and re-installed elsewhere.

The MR 28 features an additional screw-fixing channel for connecting angle brackets and enables combination with mullion profiles for the vertical connection of several glass panels and also abutment to frame systems AT 44 and AT 50.

Applications:

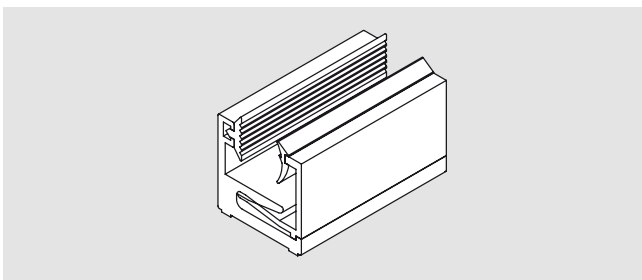
e.g. surrounding frame for toughened glass systems for fixing to walls and ceilings



in 6000 mm stock length,
without PVC profile

Art. No. 07.240

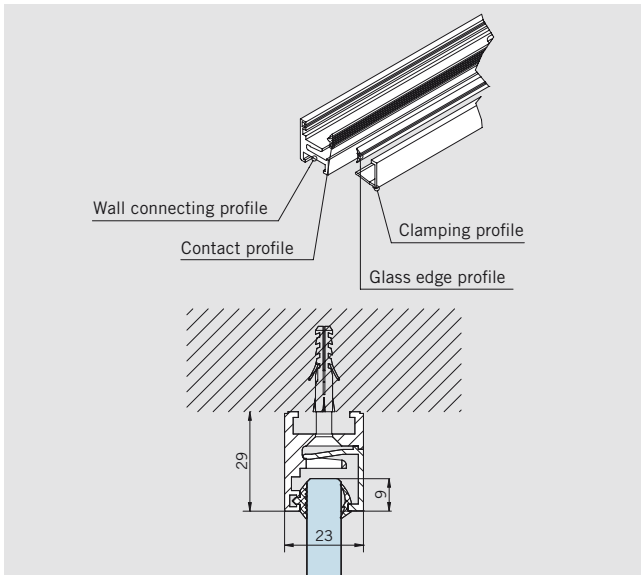
Weight in kg/m:
aluminium 0,648



MR
in fixed length

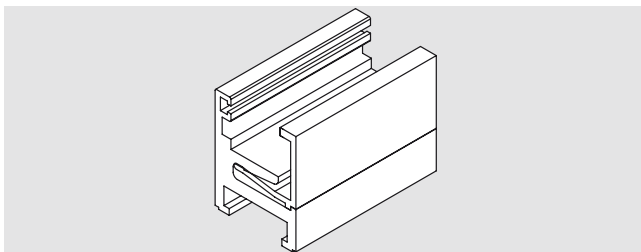
Art. No. 07.250

Weight in kg/m:
aluminium 0,648



Base profile

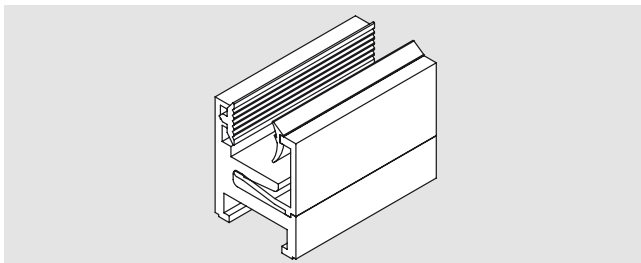
Profiles are only delivered with straight cuts. Allowances in lengths of profiles to ensure producibility of bevel cuts have to be planned by the customer. The georgian bar profile must be prepared in addition on both sides. Please consider installation instruction



MR 28
in 6000 mm stock length,
without PVC profile

Art. No. 07.241

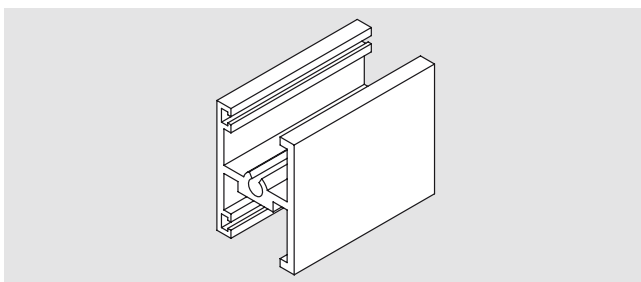
Weight in kg/m:
aluminium 0,802



MR 28
in fixed length

Art. No. 07.251

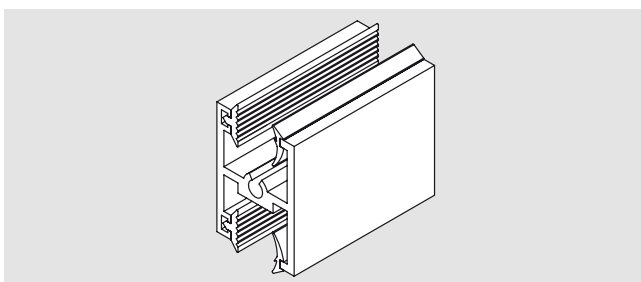
Weight in kg/m:
aluminium 0,802



Georgian bar profile MR 28
in 6000 mm stock length,
without PVC profile

Art. No. 07.242

Weight in kg/m:
aluminium 0,542

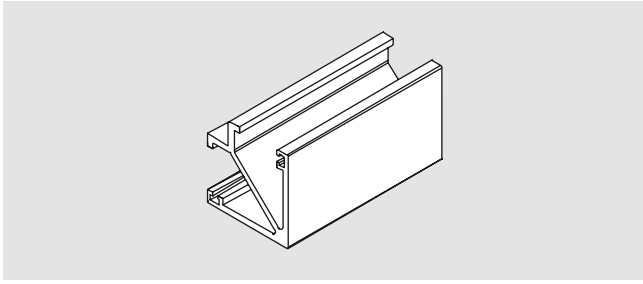


Georgian bar profile MR 28
in fixed length

Art. No. 07.252

Screws for fixation at M 28
base profile are not included in
delivery.
Recommendation:
counter sunk screw
4.2 mm x 32 mm

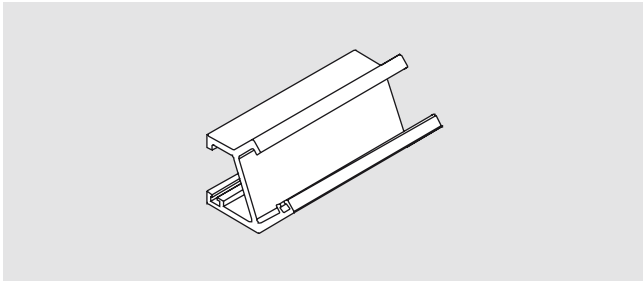
Weight in kg/m:
aluminium 0,542



in 6000 mm stock length

Art. No. 07.258

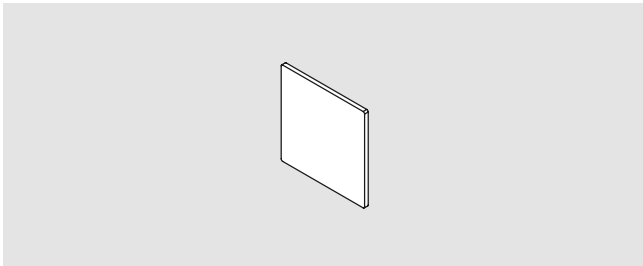
Weight in kg/m:
aluminium 0.598



MR 28 georgian bar profile
135°
in 6000 mm stock length

Art. No. 07.259

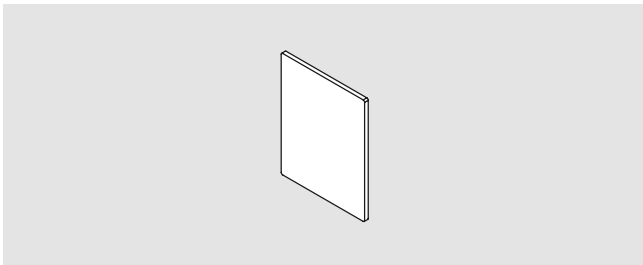
Weight in kg/m:
aluminium 0.466



End mounted plate MR 22

Art. No. 07.245

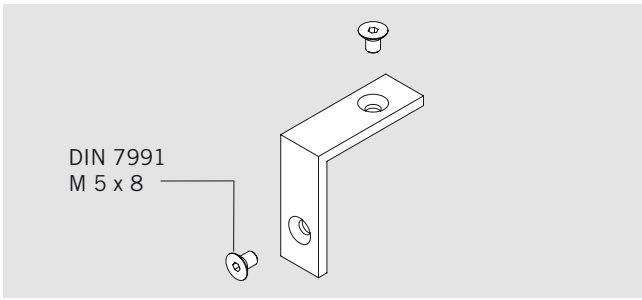
Weight in kg/pc:
aluminium 0,002



End mounted plate MR 28

Art. No. 07.246

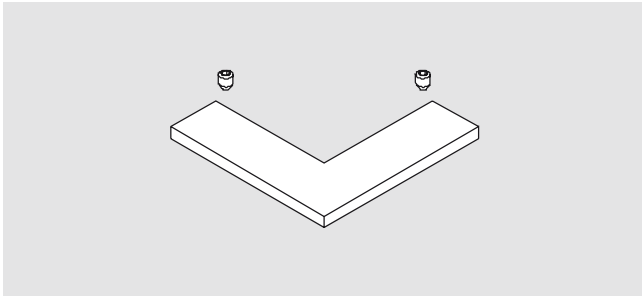
Weight in kg/pc:
aluminium 0,002



4 pieces per set
 8 screws DIN 7991
 M 5 x 8 included in scope of
 delivery

Art. No. 07.247

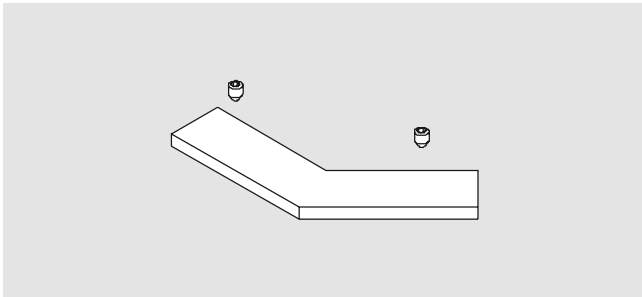
Weight in kg/pc:
 aluminium 0,0021



Corner connection for MR 28
 georgian bar profil 90°

Art. No. 07.248

2 grub screws DIN 916
 M 4 x 5 included in scope of
 delivery

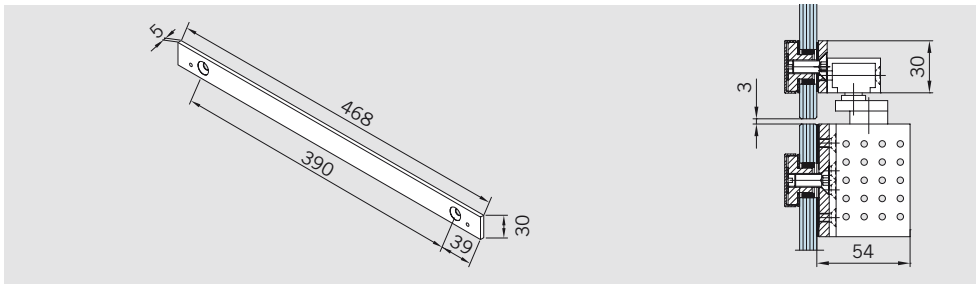


Corner connection for MR 28
 georgian bar profil 135°

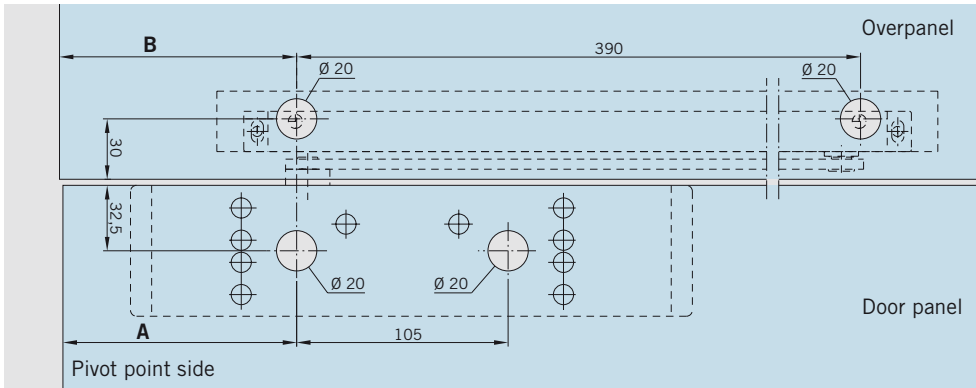
Art. No. 07.249

2 grub screws DIN 916
 M 4 x 5 included in scope of
 delivery

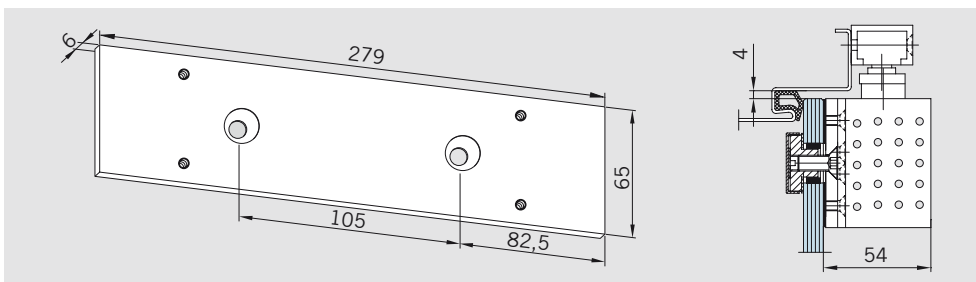
ACCESSORIES FOR DOOR CLOSER TS 92



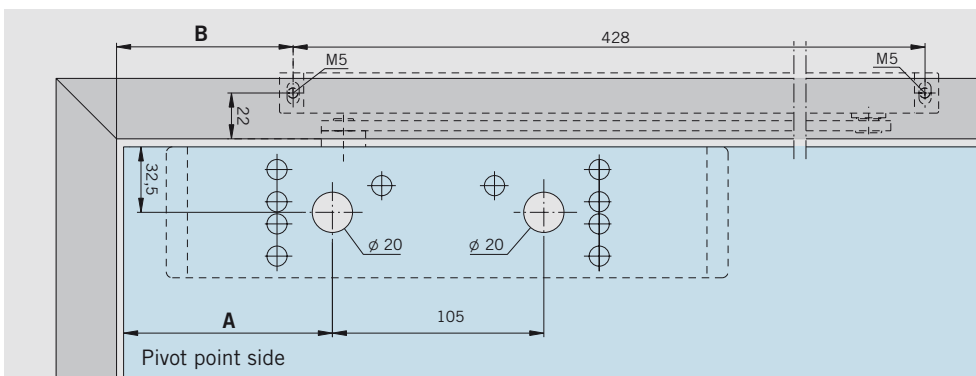
12.332
 for DORMA TS 92,
 slide channel for overpanel
 Art. No. 12.332
 Weight in kg
 aluminium 0.265



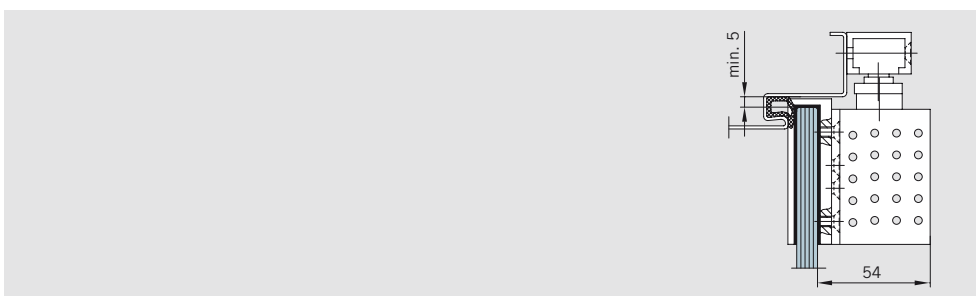
Pivot point fitting	A	B
EA (AT)/EP	200	202
Universal	250	252
Studio/Junior	148	150
ARCOS Universal	265	267



12.334
 Fixing plate
 279 mm,
 for DORMA TS 92
 Art. No. 12.334
 Weight in kg:
 aluminium 0.290



Pivot point fitting	A	B
EA (AT)/EP	200	182
Universal	250	232
Studio/Junior	148	132
ARCOS Universal	265	247



12.335
 Saddle plate
 and door closer TS 92 are
 available at DORMA, Ennepetal,
 or at special suppliers for
 building hardware.



DORMA GmbH+Co. KG
DORMA Platz 1
58256 ENNEPETAL
GERMANY
Phone +49 2333 793-0
Fax +49 2333 793-4950
www.dorma.com

DORMA-Glas GmbH
Max-Planck-Straße 33-45
32107 BAD SALZUFLEN
GERMANY
Phone +49 5222 924-100
Fax +49 5222 924-3100
www.dorma.com

