



TP/TA

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 dormakaba 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

dormakaba 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

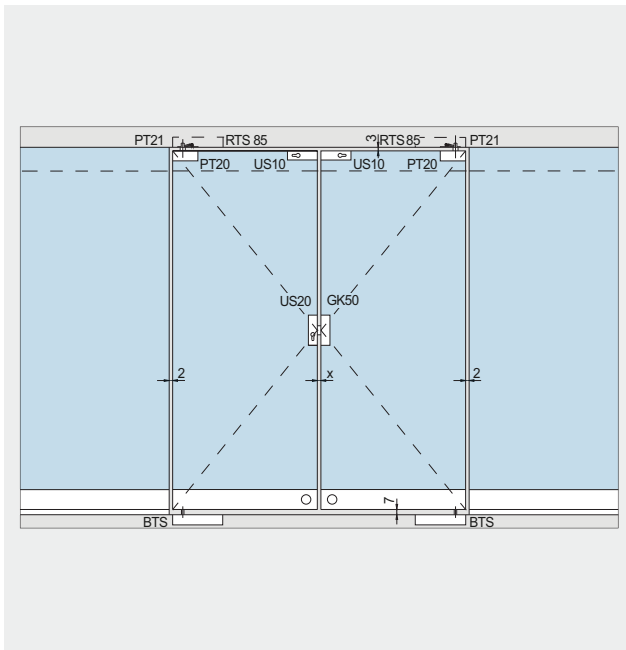
All the common patterns and types are available ex-stock (factory). Specials will be prepared promptly.

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



Glass size – height:

Rail height – 100 mm		Rail height – 76,5 mm	
Use of rail(s)	total door height less	Use of rail(s)	total door height less
bottom	75.0 mm	bottom	56.5 mm
top	75.0 mm	top	56.5 mm
bottom + top	150.0 mm	bottom + top	113.0 mm

Gap required between pairs of doors:

Offset hung doors:


Individual leaf width	X
over 1000 mm	4 mm
1000–600 mm	6 mm
600–400 mm	8 mm

Centre hung doors:

X = 4 mm

RTS = transom closer

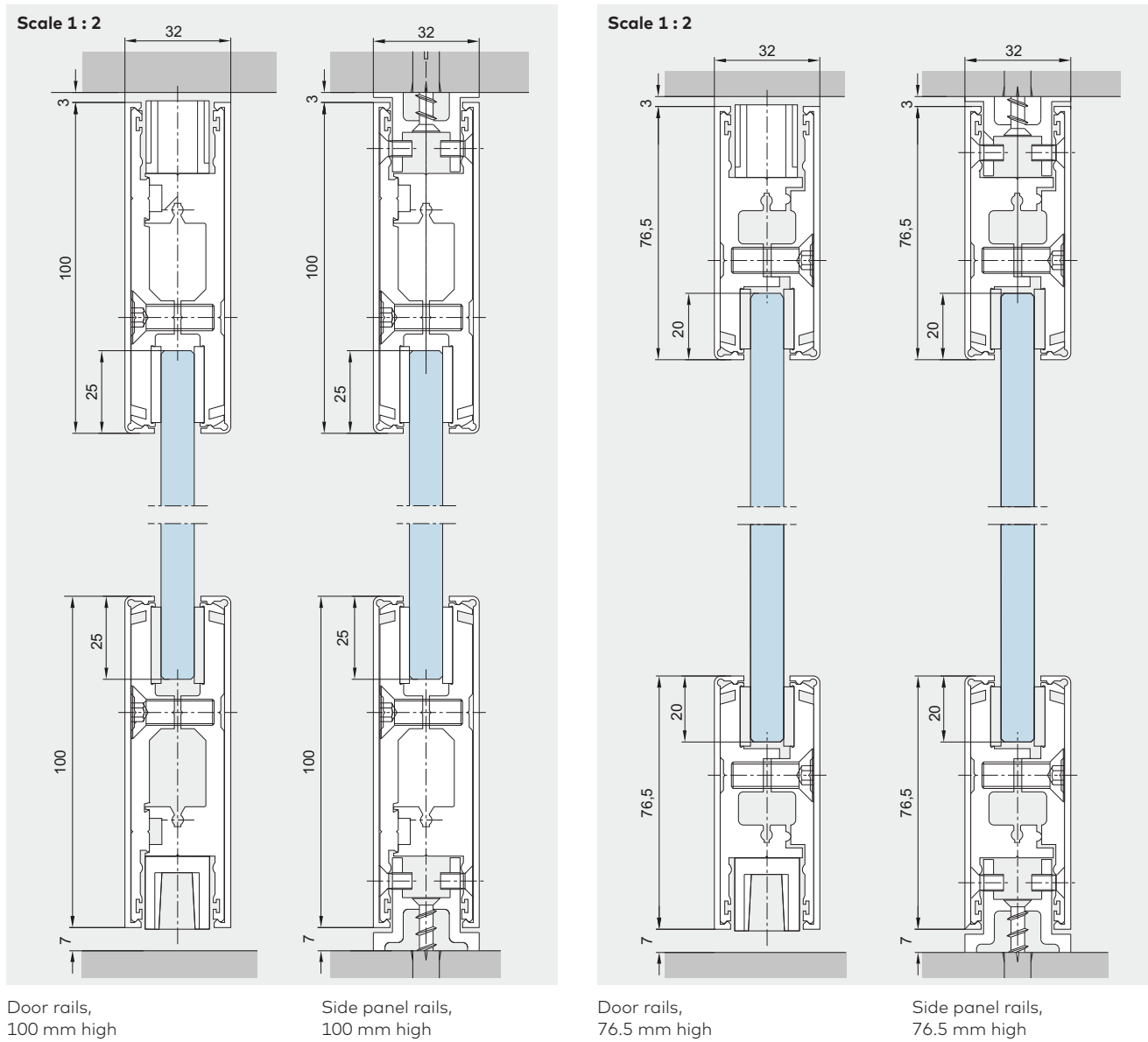
Maximum dimensions for use of bottom door rails in combination with top door rails or top patch fittings

	Panel type	Bottom door rail standard			Bottom door rail special type with bottom strap in forged steel			Comments
		weight kg	width mm	height mm	weight kg	width mm	height mm	
Door rails for centre hung doors, combined with...								*For high frequented doors we generally recommend to use the bottom strap in forged steel with reduced max. measurements. **pivot point 15/18 mm ***only for double-action doors with door rail top and bottom
... Patch fittings UNIVERSAL	●	110	1200	3000	120	1200	3500	
... Patch fittings EP UNIVERSAL pinch	●	100	1100	3000				
... Door rails standard	●	120	1200	3500	150*** (120*)	1400*** (1200*)	4000 (3500*)	
Door rails for offset hung doors in toughened glass assemblies, combined with...								34 mm door stap for toughened glass assemblies
... Patch fittings EA	●	100	1200	3000				40 mm/42 mm door stap for 24 mm/26 mm rebate depth
... Door rails standard	●	100	1200	3500				
Door rails for offset hung doors in rebated frames (24 mm/26 mm rebate depth), combined with ...								43 mm/58 mm door stap for 27 mm–40 mm rebate depth
... Patch fittings EA	●	90	1100	3000				
... Door rails standard	●	90	1100	3500				
Door rails for offset hung doors in rebated frames (27 mm – 40 mm rebate depth), combined with ...								43 mm/58 mm door stap for 27 mm–40 mm rebate depth
... Patch fittings EA	●	80	1000	3000				
... Door rails standard	●	80	1000	3500				

Torque for fixing screws: Screws M 8 : 20 Nm

Information as to the product UNIVERSAL you may find in the technical brochure "Patch fittings for toughened glass assemblies"

Rail cross sections



Door rails,
100 mm high

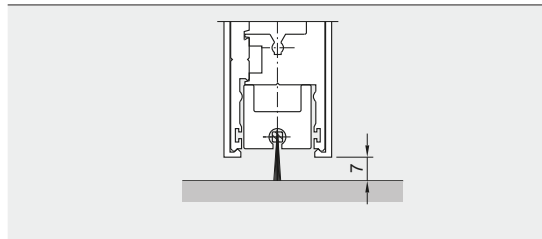
Side panel rails,
100 mm high

Door rails,
76.5 mm high

Side panel rails,
76.5 mm high

Product description

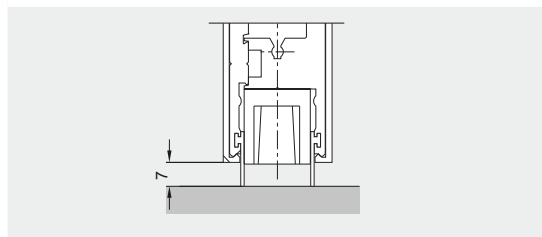
Art. No.



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

04.600

Weight in kg/m:
0.753

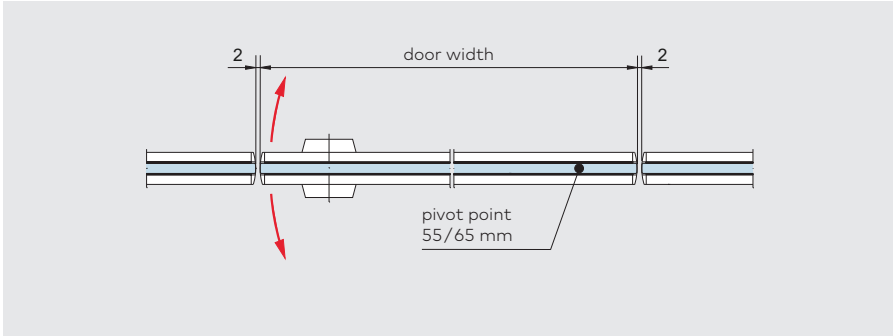


Rubber sealing
for door rails (also in the area of inserts, locks, etc.)
fixed length
stock length 200 m (= 1 coil)

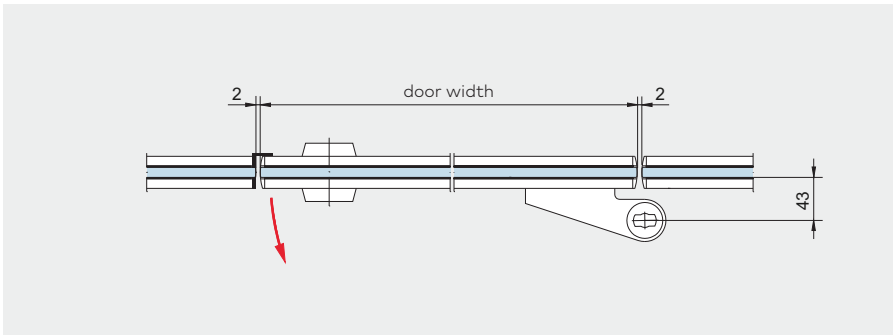
04.607
04.608

Weight in kg/m:
0.099

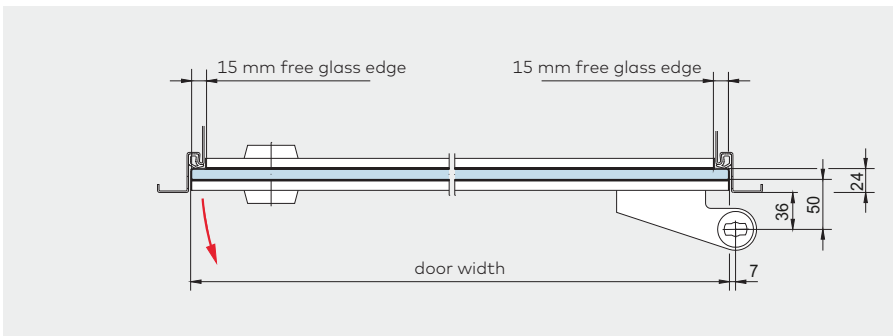
Construction details



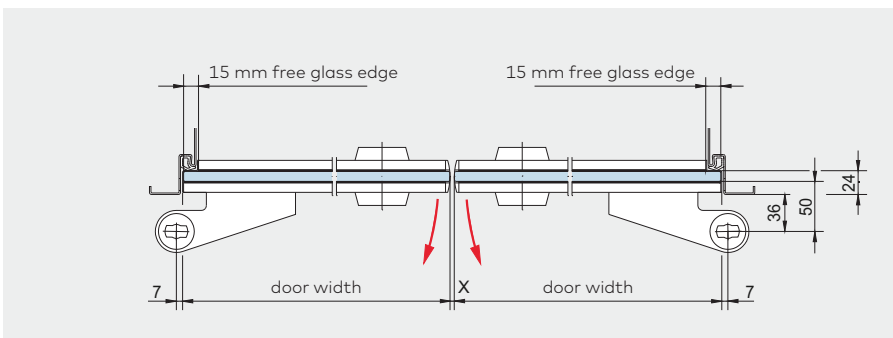
Centre hung doors



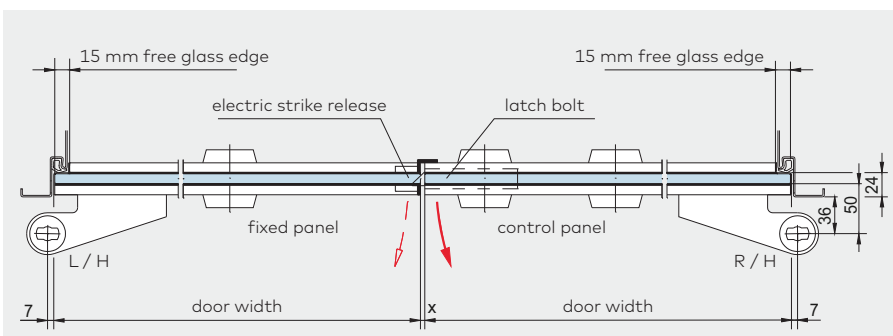
Offset hung door in toughened glass assembly



Offset hung door in rebated frame with 24 mm rebate depth



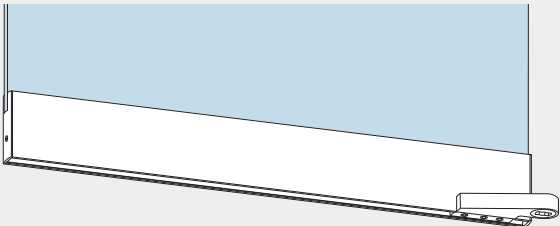
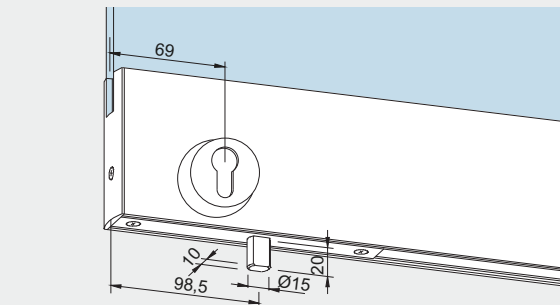
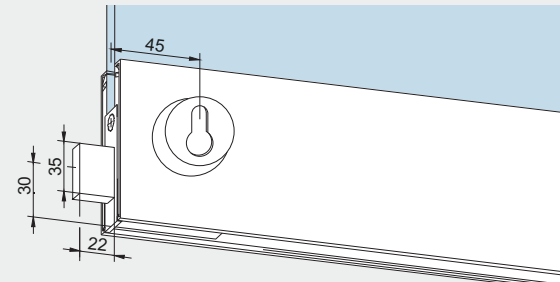
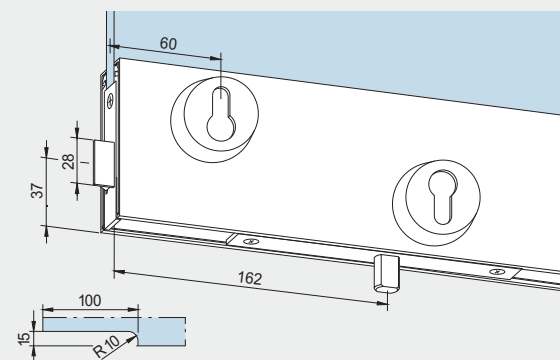
Pair of offset hung doors in rebated frame with 24 mm rebate depth



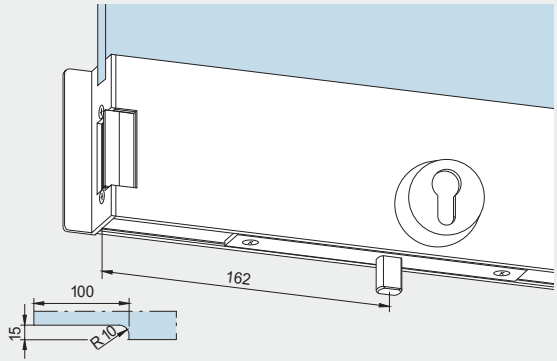
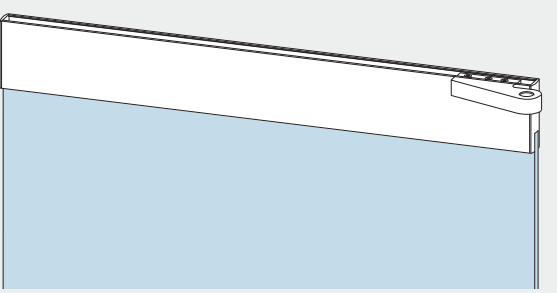
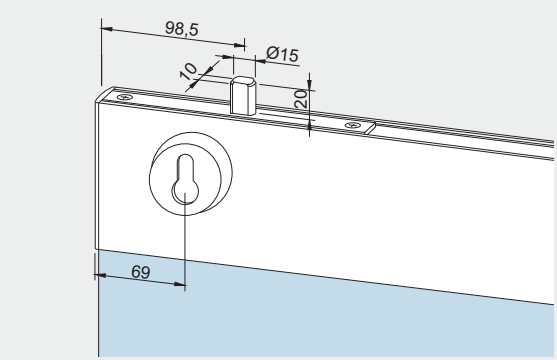
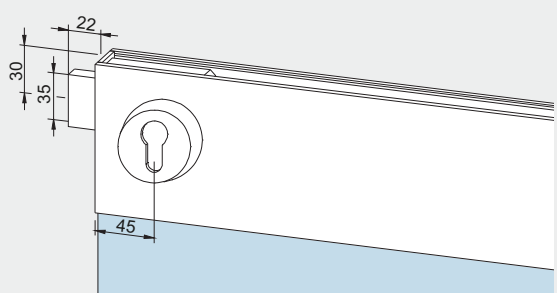
Pair of offset hung doors in rebated frame with 24 mm rebate depth (also available with inserts for centre hung doors), with electric strike release and latch bolt

Door rails for offset hung doors in toughened glass assemblies without rebated frames

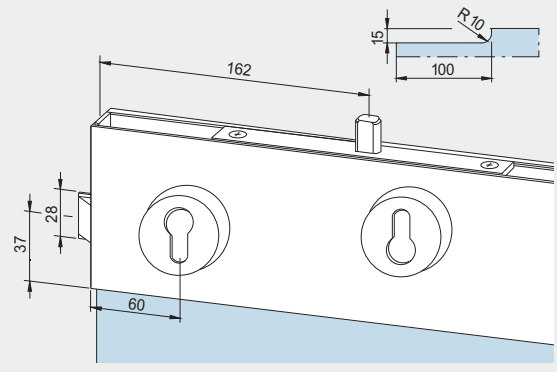
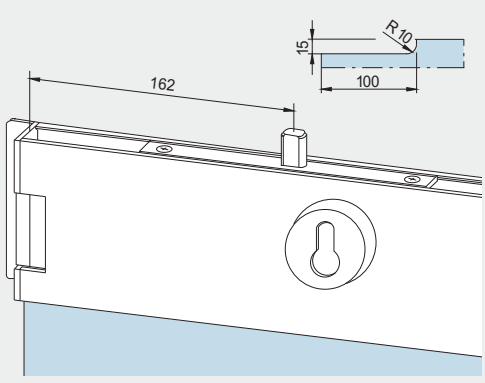
Complete, for 10 mm glass thickness, strap 34 mm, without free glass edges, pivot point to glass surface 43 mm

	Product description	Art. No.
	Bottom rail 100 mm:	*04.131/04.133
	Weight in kg/m: aluminum 5.359 stainless steel 6.792 76,5 mm:	*04.031/04.033
	...with floor locking lock, prepared for Europrofile cylinder, single throw with corrosion resistant bolt and hardened safety roll pin 100 mm:	*04.151/04.153
	Weight in kg/m: aluminum 5.694 stainless steel 7.242 76.5 mm:	*04.051/04.053
	...with side locking lock, prepared for Europrofile cylinder, double throw 100 mm:	*04.171/04.173
	Weight in kg/m: aluminum 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:	*04.179/04.181
	Weight in kg/m: aluminum 6.890 stainless steel 8.563	

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

	Product description	Art. No.
	<p>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 -/-)</p> <p>100 mm:</p> <p>Weight in kg/m: aluminum 5.837 stainless steel 7.385</p>	<p>*04.183/04.185 (zu Art. No. 4.181/04.179)</p>
	<p>Top rail</p> <p>100 mm:</p> <p>Weight in kg/m: aluminum 5.289 stainless steel 6.759</p> <p>76.5 mm:</p> <p>Weight in kg/m: aluminum 4.187 stainless steel 5.522</p>	<p>*04.132/04.134</p> <p>*04.032/04.034</p>
	<p>...with top locking lock, prepared for Europrofile cylinder, single throw with corrosion resistant bolt and hardened safety roll pin</p> <p>100 mm:</p> <p>Weight in kg/m: aluminum 5.624 stainless steel 7.209</p> <p>76,5 mm:</p> <p>Weight in kg/m: aluminum 4.522 stainless steel 5.972</p>	<p>*04.152/04.154</p> <p>*04.052/04.054</p>
	<p>...with side locking lock, prepared for Europrofile cylinder, double throw</p> <p>100 mm:</p> <p>Weight in kg/m: aluminum 5.522 stainless steel 7.107</p>	<p>*04.172/04.174</p>

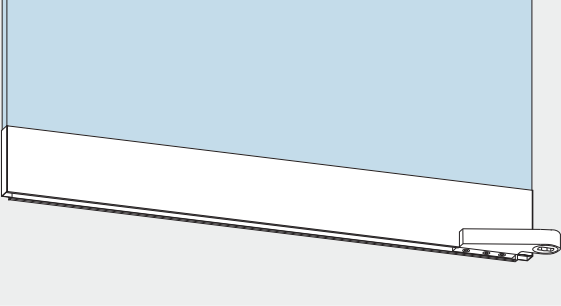
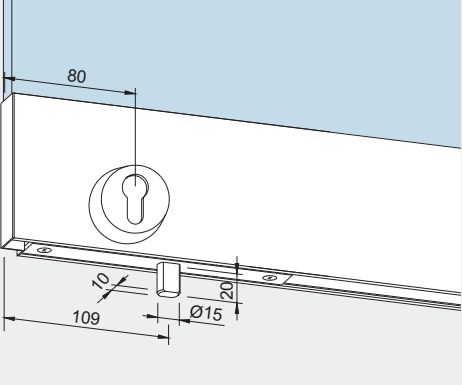
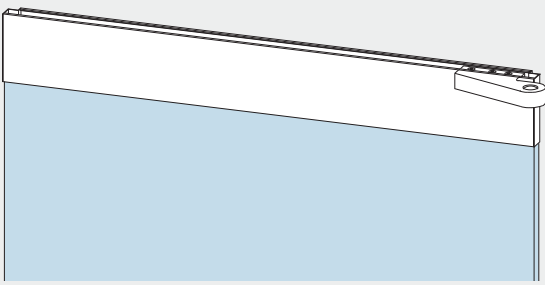
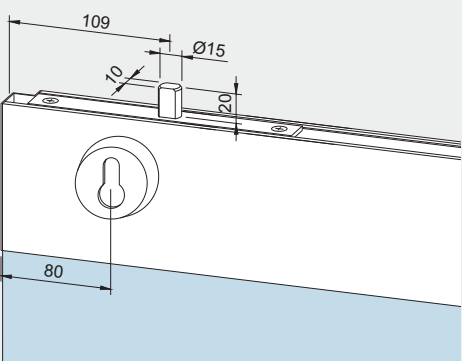
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	Product description	Art. No.
	<p>Top rail with top locking lock, prepared for Europrofile cylinder, single throw with corrosion resistant bolt and hardened safety roll pin and latch bolt at side for electric strike release</p> <p>100 mm:</p> <p>Weight in kg/m: aluminum 6.820 stainless steel 8.530</p>	<p>**04.180/04.182</p>
	<p>...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 -/-)</p> <p>100 mm:</p> <p>Weight in kg/m: aluminum 5.767 stainless steel 7.352</p>	<p>*04.184/04.186 (for Art. No. 04.182/04.180)</p>
<p>* 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.</p>		

Door rails for offset hung doors in rebated frames

With 24 mm rebate depth

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

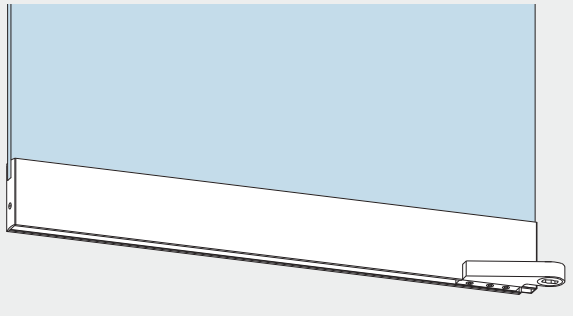
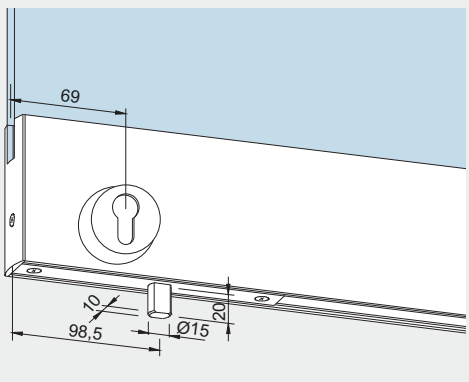
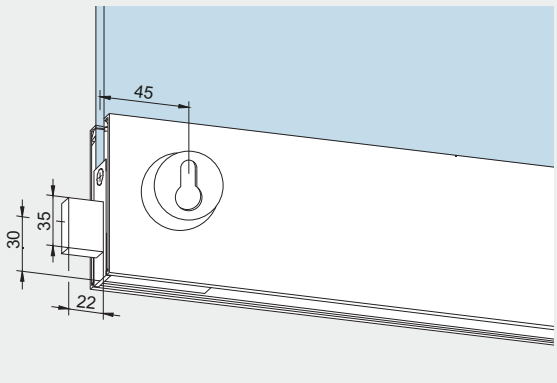
	Product description	Art. No.
	Bottom rail 100 mm:	*04.135/04.137
	Weight in kg/m: aluminum 5.251 stainless steel 6.602 76,5 mm:	*04.035/04.037
	...with floor locking lock, prepared for Europrofile cylinder, single throw with corrosion resistant bolt and hardened safety roll pin 100 mm:	*04.155/04.157
	Weight in kg/m: aluminum 5.586 stainless steel 7.052 76.5 mm:	*04.055/04.057
	Top rail 100 mm:	*04.136/04.138
	Weight in kg/m: aluminum 5.181 stainless steel 6.569 76.5 mm:	*04.036/04.038
	...with top locking lock, prepared for Europrofile cylinder, single throw with corrosion resistant bolt and hardened safety roll pin 100 mm:	*04.156/04.158
	Weight in kg/m: aluminum 5.516 stainless steel 7.019 76.5 mm:	*04.056/04.058
	Weight in kg/m: aluminum 4.446 stainless steel 5.824	

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

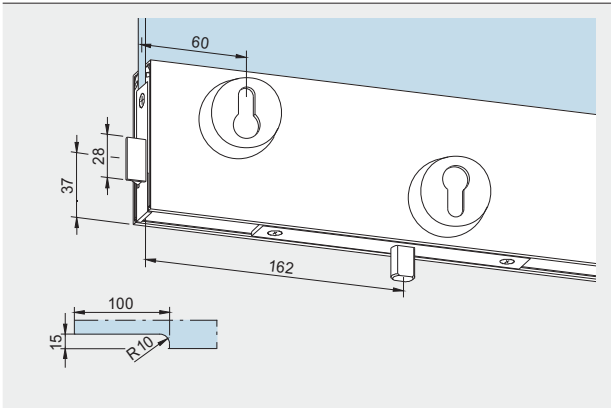
Door rails for offset hung doors in rebated frames

With 24 mm rebate depth

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

	Product description	Art. No.
	<p>Bottom rail 100 mm: *04.139/04.141</p> <p>Weight in kg/m: aluminum 5.305 stainless steel 6.507</p> <p>76.5 mm: *04.039/04.041</p> <p>Weight in kg/m: aluminum 4.219 stainless steel 5.482</p>	
	<p>...with floor locking lock, prepared for Europrofile cylinder, single throw with corrosion resistant bolt and hardened safety roll pin</p> <p>100 mm: *04.159/04.161</p> <p>Weight in kg/m: aluminum 5.640 stainless steel 6.957</p> <p>76.5 mm: *04.059/04.061</p> <p>Weight in kg/m: aluminum 4.554 stainless steel 5.932</p>	
	<p>...with side locking lock, prepared for Europrofile cylinder, double throw</p> <p>100 mm: *04.175/04.177</p> <p>Weight in kg/m: aluminum 5.538 stainless steel 6.855</p>	

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

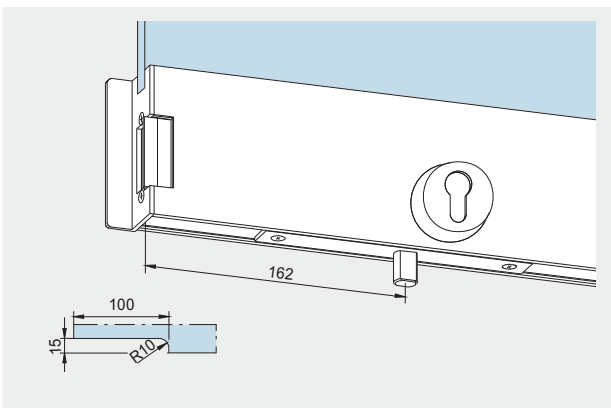
Product description**Art. No.****Bottom rail**

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

100 mm:

***04.143/04.145**

Weight in kg/m:
aluminum 5.803
stainless steel 7.306



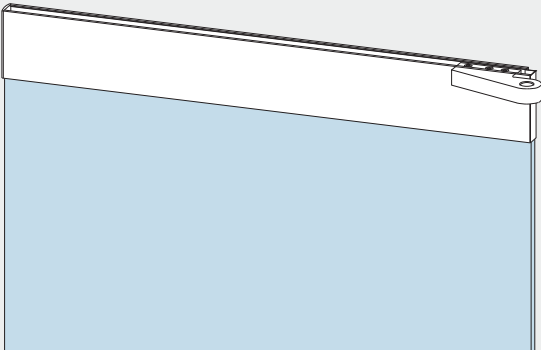
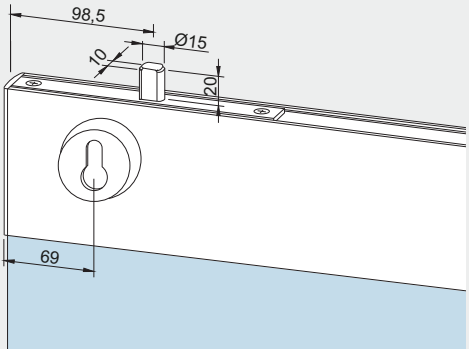
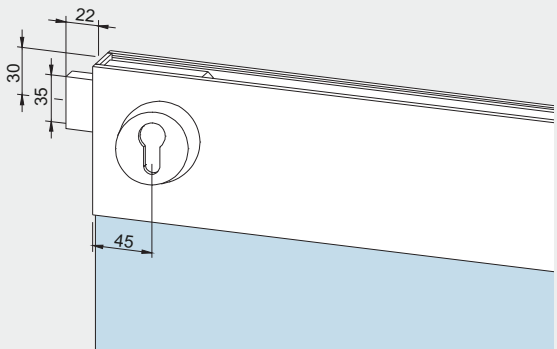
...with floor locking bolt lock, prepared for Europrofile cylinder, single throw with corrosion resistant bolt and hardened safety roll pin and electric strike release at side (Standard: fail secure function, 6 to 12 V -/-)

100 mm:

***04.147/04.149**

Weight in kg/m:
aluminum 5.653
stainless steel 7.150

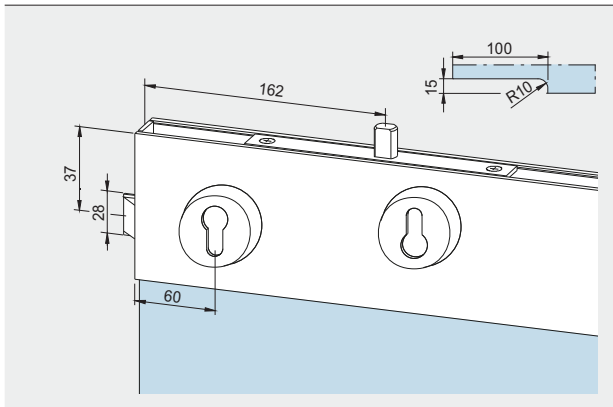
* Left / right hand (illustration shows right hand) are determined by view from hanging side.

	Product description	Art. No.
	<p>Top rail 100 mm:</p> <p>Weight in kg/m: aluminum 5.235 stainless steel 6.474</p> <p>76.5 mm:</p> <p>Weight in kg/m: aluminum 4.149 stainless steel 5.449</p>	<p>*04.140/04.142</p> <p>*04.040/04.042</p>
	<p>...with top locking lock, prepared for Europrofile cylinder, single throw with corrosion resistant bolt and hardened safety roll pin</p> <p>100 mm:</p> <p>Weight in kg/m: aluminum 5.570 stainless steel 6.924</p> <p>76.5 mm:</p> <p>Weight in kg/m: aluminum 4.484 stainless steel 5.899</p>	<p>*04.160/04.162</p> <p>*04.060/04.062</p>
	<p>...with side locking lock, prepared for Europrofile cylinder, double throw</p> <p>100 mm:</p> <p>Weight in kg/m: aluminum 5.468 stainless steel 6.822</p>	<p>*04.176/04.178</p>

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

Product description

Art. No.

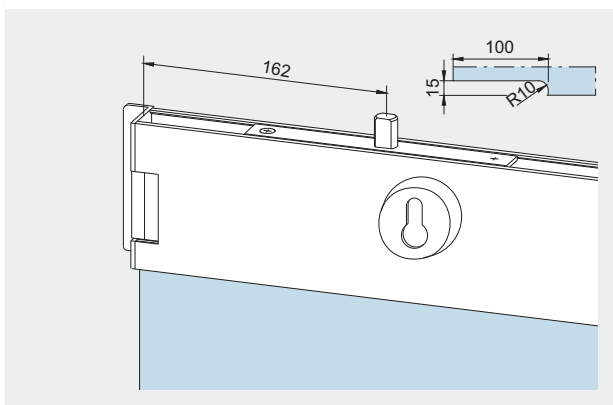
**Top rail**

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:

Weight in kg/m:
aluminum 5.733
stainless steel 7.236

***04.144/04.146**



...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:

Weight in kg/m:
aluminum 5.583
stainless steel 7.080

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

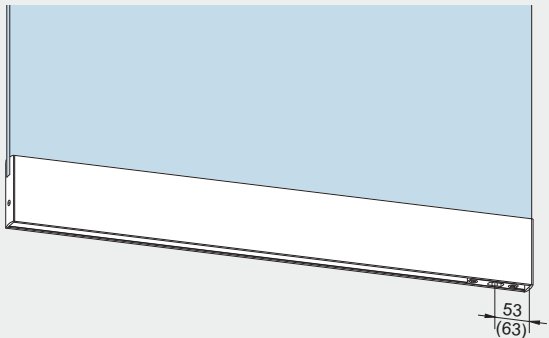
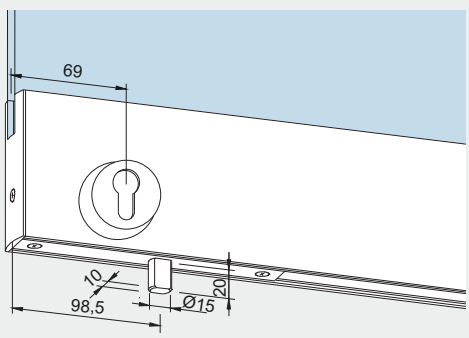
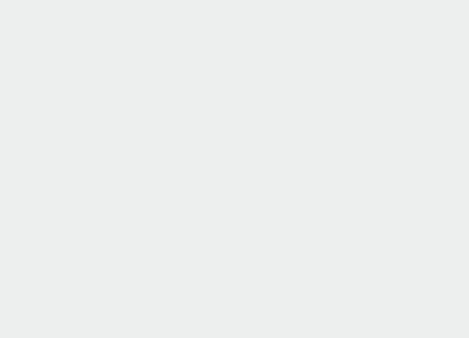
* Left / right hand (illustration shows left hand) are determined by view from hanging side

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

Door rails for double-action doors

Pivot point 55/65 mm

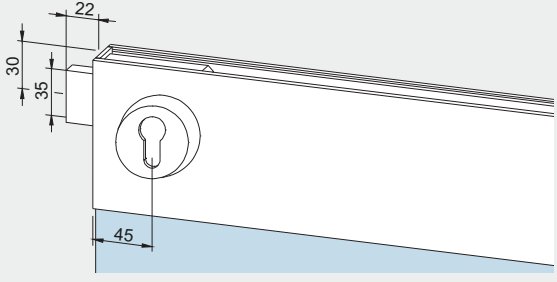
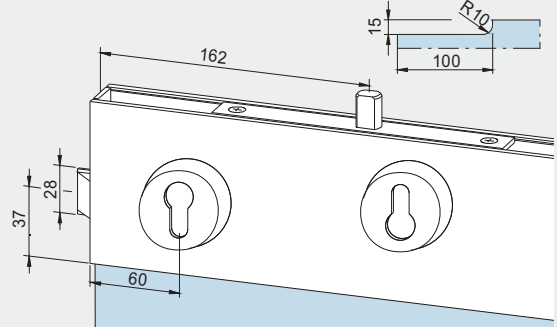
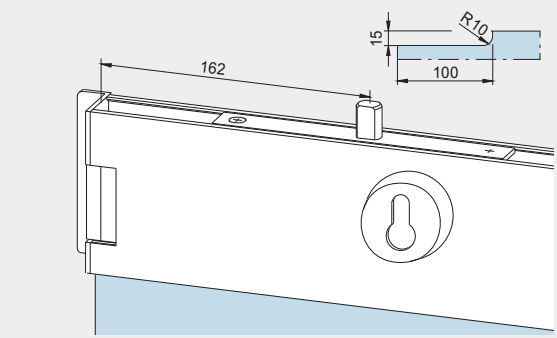
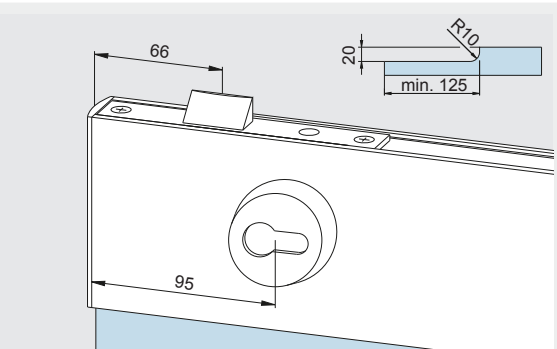
Complete, for 10 mm glass thickness

	Product description	Art. No.
	<p>Bottom rail with stainless steel insert to suit DORMA floor spring spindle or round pivot 14 mm Ø</p> <p>100 mm:</p> <p>Weight in kg/m: aluminum 5.131 stainless steel 6.070</p> <p>76.5 mm:</p> <p>Weight in kg/m: aluminum 4.029 stainless steel 4.833</p>	<p>04.101</p> <p>04.001</p>
	<p>...with floor locking lock, prepared for Europrofile cylinder, single throw with corrosion resistant bolt and hardened safety roll pin</p> <p>100 mm:</p> <p>Weight in kg/m: aluminum 5.466 stainless steel 6.520</p> <p>76.5 mm:</p> <p>Weight in kg/m: aluminum 4.364 stainless steel 5.283</p>	<p>04.111</p> <p>04.011</p>
	<p>...with floor locking lock, prepared for KABA, single throw with corrosion resistant bolt and hardened safety roll pin</p> <p>100 mm:</p> <p>Weight in kg/m: aluminum 5.466 stainless steel 6.520</p> <p>76.5 mm:</p> <p>Weight in kg/m: aluminum 4.364 stainless steel 5.283</p>	<p>04.163 not illustr.</p> <p>04.063 not illustr.</p>

	Product description	Art. No.
	<p>...with side locking lock, prepared for Europrofile cylinder, double throw</p> <p>100 mm:</p> <p>Weight in kg/m: aluminum 5.364 stainless steel 6.418</p>	<p>04.121</p>
	<p>Bottom rail</p> <p>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.</p> <p>Weight in kg/m: aluminum 6.667 stainless steel 8.335</p>	<p>*04.191/04.193</p>
	<p>...with electric strike release at side</p> <p>(Standard: fail secure function, 6 to 12 V -/-) 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.</p> <p>Weight in kg/m: aluminum 5.586 stainless steel 6.640</p>	<p>*04.196/04.198</p>

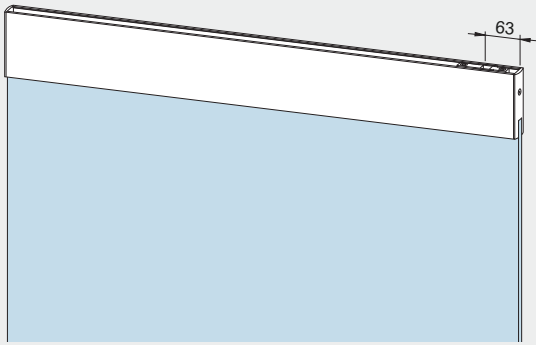
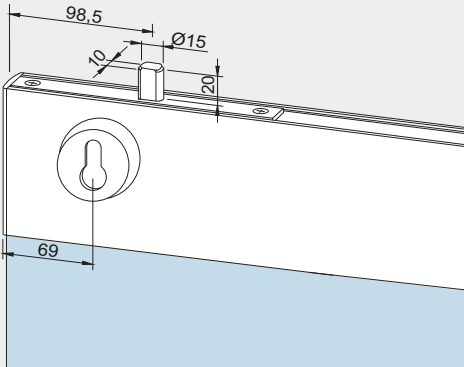
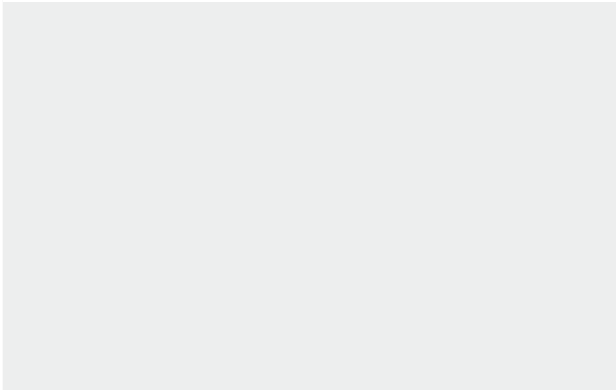
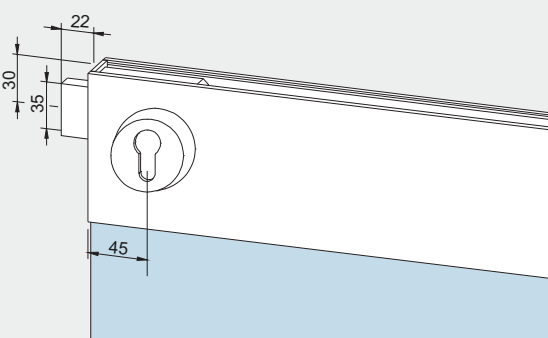
* Order of Art.No.: Left hand / right hand – determined by view from hanging side.(Illustration shows right hand)

	Product description	Art. No.
<p>Technical drawing of a top rail profile. The drawing shows a cross-section of the rail with a width of 53 mm and a height of 63 mm. The rail is shown in a light blue color.</p>	<p>Top rail with insert to take 15 mm Ø pivot pin</p> <p>100 mm:</p> <p>Weight in kg/m: aluminum 4.979 stainless steel 5.918</p> <p>76.5 mm:</p> <p>Weight in kg/m: aluminum 3.877 stainless steel 4.681</p>	<p>04.102</p> <p>04.002</p>
<p>Technical drawing of a top rail profile with a Europrofile lock. The drawing shows a cross-section of the rail with a width of 98.5 mm and a height of 69 mm. The lock cylinder has a diameter of 15 mm and a height of 20 mm. The rail is shown in a light blue color.</p>	<p>...and top locking lock, prepared for Europrofile cylinder, single throw with corrosion resistant bolt and hardened safety roll pin</p> <p>100 mm:</p> <p>Weight in kg/m: aluminum 5.466 stainless steel 6.368</p> <p>76.5 mm:</p> <p>Weight in kg/m: aluminum 4.212 stainless steel 5.131</p>	<p>04.112</p> <p>04.012</p>
<p>Technical drawing of a top rail profile with a KABA lock. The drawing shows a cross-section of the rail with a width of 69 mm and a height of 69 mm. The rail is shown in a light blue color.</p>	<p>...with top locking lock prepared for KABA, single throw with corrosion resistant bolt and hardened safety roll pin</p> <p>100 mm:</p> <p>Weight in kg/m: aluminum 5.314 stainless steel 6.368</p> <p>76.5 mm:</p> <p>Weight in kg/m: aluminum 4.212 stainless steel 5.131</p>	<p>04.163 not illustr.</p> <p>04.063 not illustr.</p>

	Product description	Art. No.
	<p>Top rail with side locking lock, prepared for Europrofile cylinder, double throw</p> <p>100 mm:</p> <p>Weight in kg/m: aluminum 5.212 stainless steel 6.266</p>	<p>04.122</p>
	<p>...with latch lock at side for electric strike release and top 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 in a single-action door situation.</p> <p>Weight in kg/m: aluminum 6.592 stainless steel 8.148</p>	<p>*04.192/04.194</p>
	<p>...with electric strike release at side (Standard: fail secure function, 6 to 12 V -/-) and top 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 in a single-action door situation.</p> <p>Weight in kg/m: aluminum 6.492 stainless steel 8.048</p>	<p>**04.197/04.199</p>
	<p>...with latch lock, locking to ceiling, prepared for Europrofile cylinder, single throw (necessary stop on site). The use of latch lock or electric strike release (on site) results in a single-action door situation.</p> <p>100 mm:</p> <p>Weight in kg/m: aluminum 5.294 stainless steel 6.348</p>	<p>04.118</p>

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

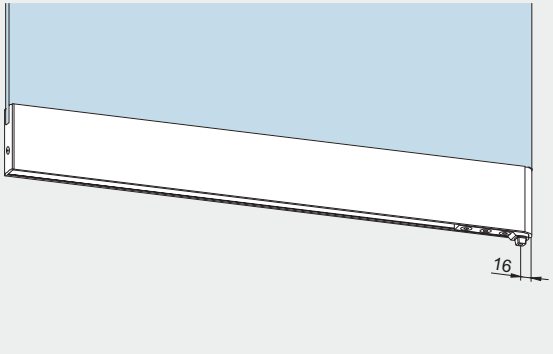
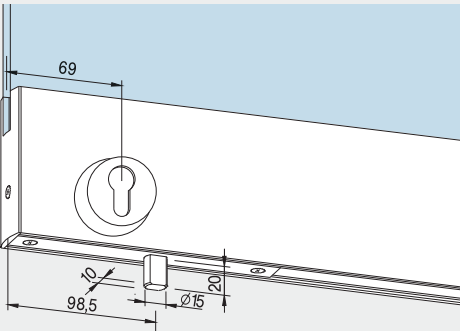
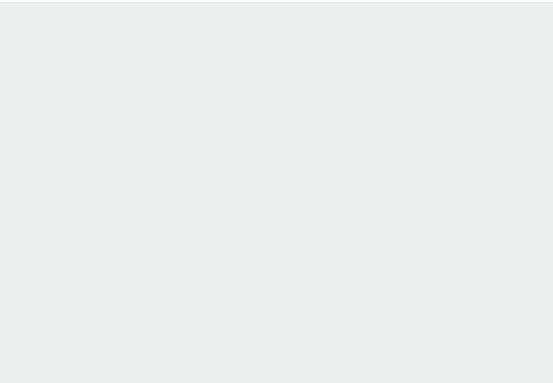
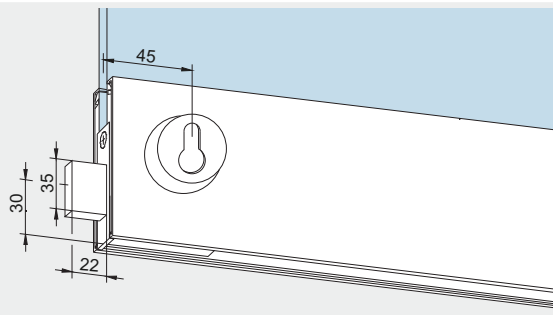
** Left / right hand (illustration shows right hand) are determined by view from hanging side.

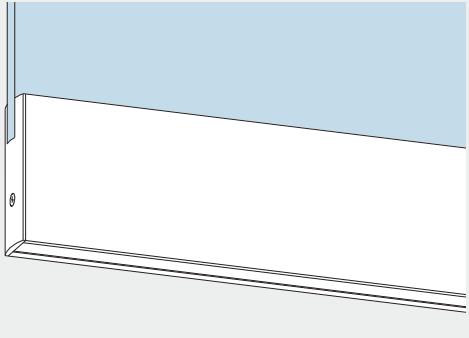
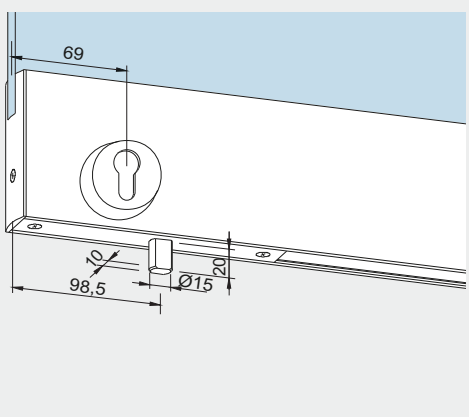
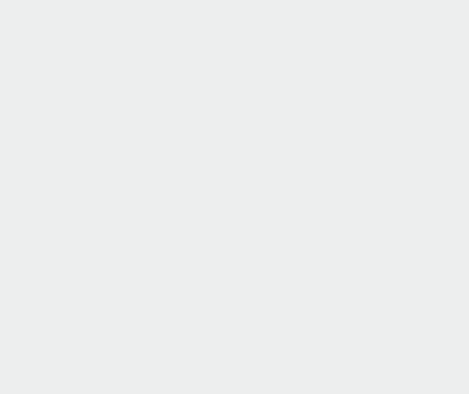
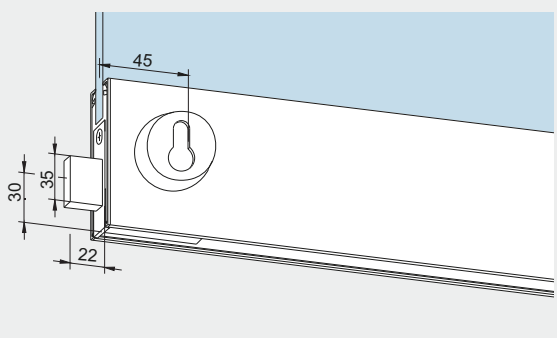
	Product description	Glass thickness	Art. No.
	Top rail with insert for DORMA RTS transom closer		
	100 mm: Weight in kg/m: aluminum 5.145 stainless steel 6.207 76.5 mm: Weight in kg/m: aluminum 4.043 stainless steel 4.847		04.106 04.006
	...and top locking lock, prepared for Euro-profile cylinder, single throw with corrosion resistant bolt and hardened safety roll pin		
	100 mm: Weight in kg/m: aluminum 5.480 stainless steel 6.657 76.5 mm: Weight in kg/m: aluminum 4.378 stainless steel 5.297		04.116 04.016
	...with top locking lock prepared for KABA, single throw with corrosion resistant bolt and hardened safety roll pin		
	100 mm: Weight in kg/m: aluminum 5.480 stainless steel 6.655 76.5 mm: Weight in kg/m: aluminum 5.145 stainless steel 6.207		04.167 not illustr. 04.067 not illustr.
	...and side locking lock, prepared for Euro-profile cylinder, double throw		
	100 mm: Weight in kg/m: aluminum 5.378 stainless steel 6.555 Not illustrated: Gasket (1 m = 1 pc.)		04.126 8 mm 01.900 12 mm 01.901

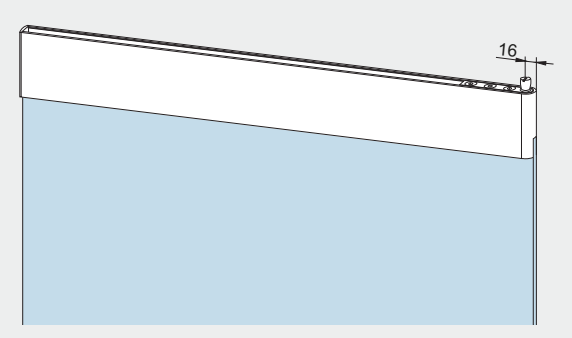
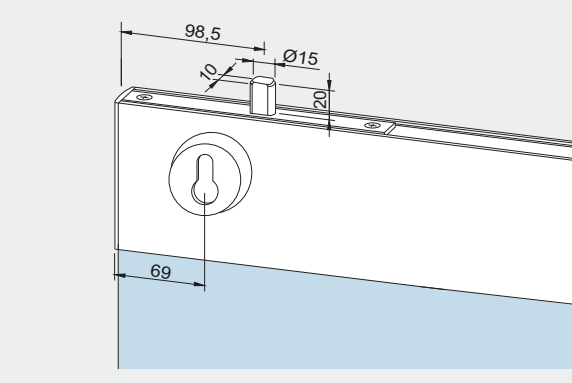
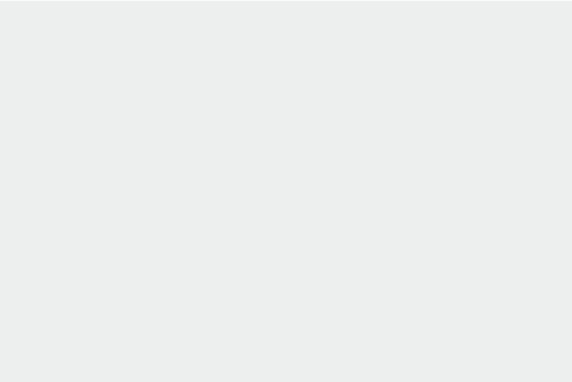
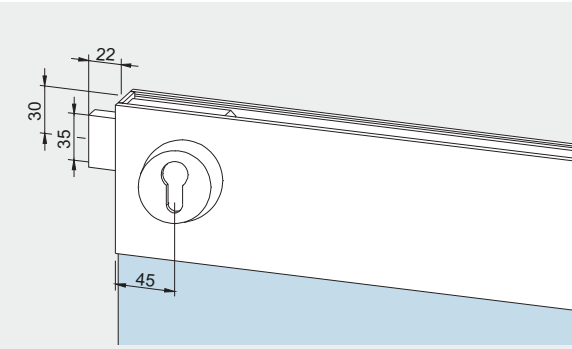
Door rails for double-action doors

Pivot point 18 mm

Complete, for 10 mm glass thickness

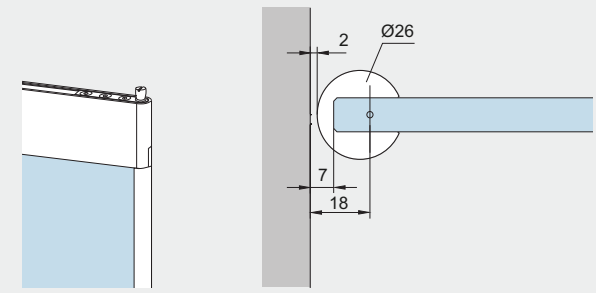
	Product description	Art. No.
	<p>Bottom rail with DORMA floor spring spindle insert</p> <p>100 mm:</p> <p>Weight in kg/m: aluminum 5.218 stainless steel 6.193</p> <p>76.5 mm:</p> <p>Weight in kg/m: aluminum 4.126 stainless steel 4.824</p>	<p>04.103</p> <p>04.003</p>
	<p>...with floor locking lock, prepared for Europrofile cylinder, single throw with corrosion resistant bolt and hardened safety roll pin</p> <p>100 mm:</p> <p>Weight in kg/m: aluminum 5.553 stainless steel 6.643</p> <p>76.5 mm:</p> <p>Weight in kg/m: aluminum 4.461 stainless steel 5.274</p>	<p>04.113</p> <p>04.013</p>
	<p>...with floor locking lock prepared for KABA, single throw (not illus-trated) with corrosion resistant bolt and hardened safety roll pin</p> <p>100 mm:</p> <p>Weight in kg/m: aluminum 5.553 stainless steel 6.664</p> <p>76.5 mm:</p> <p>Weight in kg/m: aluminum 5.228 stainless steel 6.280</p>	<p>04.165 not illustr.</p> <p>04.065 not illustr.</p>
	<p>...with side locking lock, prepared for Europrofile cylinder, double throw</p> <p>100 mm:</p> <p>Weight in kg/m: aluminum 5.451 stainless steel 6.541</p>	<p>04.123</p>

	Product description	Art. No.
	<p>...prepared for floor bearing</p> <p>100 mm:</p> <p>Weight in kg/m: aluminum 4.938 stainless steel 5.975</p> <p>76.5 mm:</p> <p>Weight in kg/m: aluminum 3.898 stainless steel 4.606</p>	<p>04.107</p> <p>04.007</p>
	<p>Bottom rail with floor locking lock, prepared for Europrofile cylinder, single throw with corrosion resistant bolt and hardened safety roll pin, prepared for floor bearing</p> <p>100 mm:</p> <p>Weight in kg/m: aluminum 5.334 stainless steel 6.425</p> <p>76.5 mm:</p> <p>Weight in kg/m: aluminum 4.243 stainless steel 5.056</p>	<p>04.117</p> <p>04.017</p>
	<p>...with floor locking lock prepared for KABA, single throw with corrosion resistant bolt and hardened safety roll pin, prepared for floor bearing</p> <p>100 mm:</p> <p>Weight in kg/m: aluminum 5.334 stainless steel 6.425</p> <p>76.5 mm:</p> <p>Weight in kg/m: aluminum 4.243 stainless steel 5.056</p>	<p>04.168 not illustr.</p> <p>04.068 not illustr.</p>
	<p>...with side locking lock, prepared for Europrofile cylinder, double throw, prepared for floor bearing</p> <p>100 mm:</p> <p>Weight in kg/m: aluminum 5.233 stainless steel 6.323</p>	<p>04.127</p>

	Product description	Art. No.
	<p>Top rail with 15 mm Ø pivot pin</p> <p>100 mm:</p> <p>Weight in kg/m: aluminum 5.000 stainless steel 5.975</p> <p>76.5 mm:</p> <p>Weight in kg/m: aluminum 3.908 stainless steel 4.606</p>	<p>04.104</p> <p>04.004</p>
	<p>...and top locking lock, prepared for Europrofile cylinder, single throw with corrosion resistant bolt and hardened safety roll pin</p> <p>100 mm:</p> <p>Weight in kg/m: aluminum 5.335 stainless steel 6.425</p> <p>76.5 mm:</p> <p>Weight in kg/m: aluminum 4.243 stainless steel 5.056</p>	<p>04.114</p> <p>04.014</p>
	<p>...with top locking lock prepared for KABA, single throw with corrosion resistant bolt and hardened safety roll pin</p> <p>100 mm:</p> <p>Weight in kg/m: aluminum 5.335 stainless steel 6.425</p> <p>76.5 mm:</p> <p>Weight in kg/m: aluminum 4.243 stainless steel 5.056</p>	<p>04.166 not illustr.</p> <p>04.066 not illustr.</p>
	<p>...with side locking lock, prepared for Europrofile cylinder, double throw</p> <p>100 mm:</p> <p>Weight in kg/m: aluminum 5.233 stainless steel 6.323</p>	<p>04.124</p>

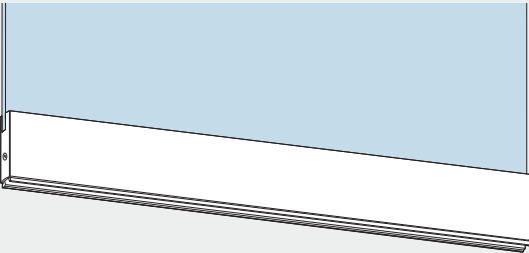
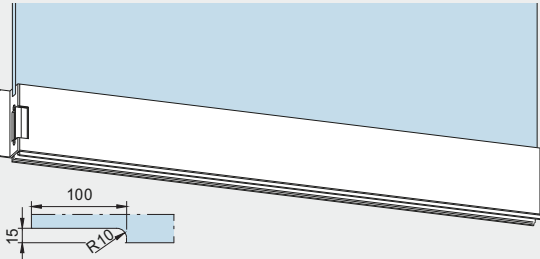
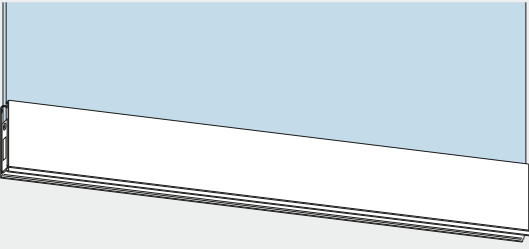
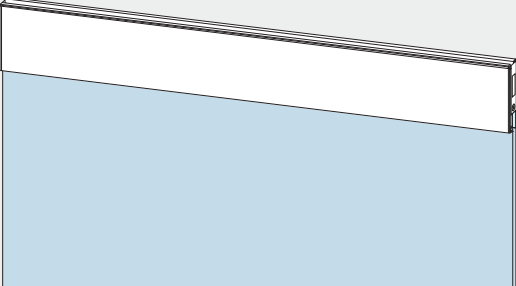
Radiused edging strip

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

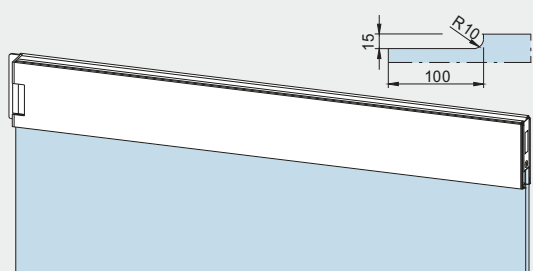
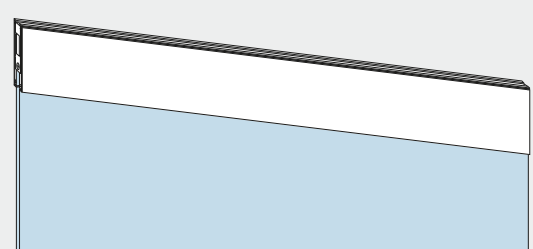
	Product description	Art. No.
	<p>Radiused edging strip Please indicate door height and type of fitting with order.</p> <p>up to 4500 mm length fixed length: 2250 mm</p> <p>Notice: When radiused edging strip is used the following glass measurement is valid: door rail width – 5 mm.</p>	<p>01.231 01.230</p>

Rails for side panel

complete, for 10 mm glass thickness

	Product description	Art. No.
	<p>Bottom rail for side panel, up to approx. 6000 mm long with rail filler insert 7 mm</p> <p>100 mm:</p> <p>Weight in kg/m: aluminum 5.604 stainless steel 6.494</p> <p>76.5 mm:</p> <p>Weight in kg/m: aluminum 4.504 stainless steel 5.273</p>	<p>04.301</p> <p>04.201</p>
	<p>...with electric strike release (standard: fail secure function, 6 to 12 V -/-), door width up to 1200 mm (> 1200 mm on request)</p> <p>100 mm:</p> <p>Weight in kg/m: aluminum 5.116 stainless steel 6.055</p>	<p>*04.311/04.313</p>
	<p>...with strike-box for side bolt locking, door width up to 1200 mm (> 1200 mm on request)</p> <p>100 mm:</p> <p>Weight in kg/m: aluminum 4.979 stainless steel 5.918</p>	<p>04.315</p>
	<p>Top rail for side panel, up to approx. 6000 mm long with rail filler insert 3 mm</p> <p>100 mm:</p> <p>Weight in kg/m: aluminum 5.441 stainless steel 6.331</p> <p>76.5 mm:</p> <p>Weight in kg/m: aluminum 4.341 stainless steel 5.110</p>	<p>04.302</p> <p>04.202</p>

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

	Product description	Art. No.
	<p>...with electric strike release (standard: fail secure function, 6 to 12 V -/-)</p> <p>100 mm:</p> <p>Weight in kg/m: aluminum 5.578 stainless steel 6.468</p>	<p>*04.312/04.314</p>
	<p>...with strike-box for side bolt locking</p> <p>100 mm:</p> <p>Weight in kg/m: aluminum 5.441 stainless steel 6.331</p>	<p>04.316</p>

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

Space for your notes

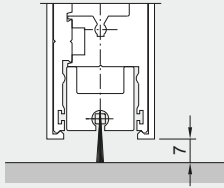
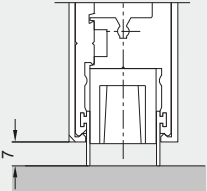
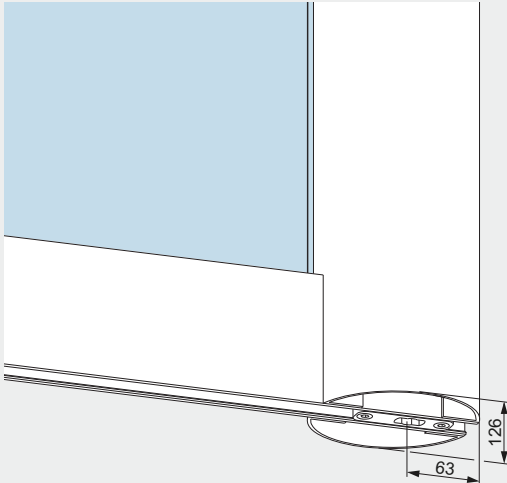
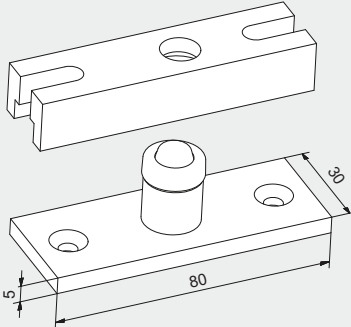
Top centre frame portion

with patch fittings see Technical Information EA

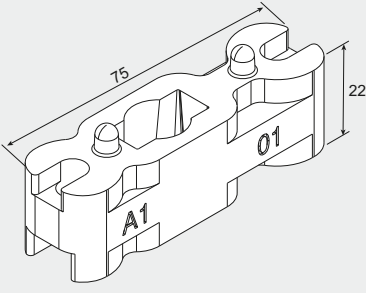
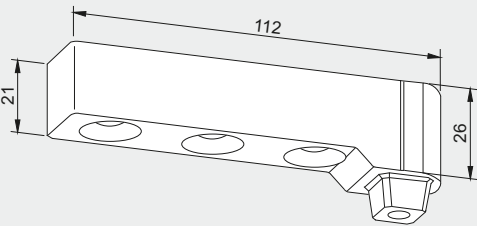
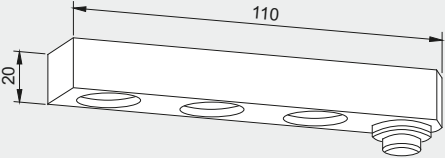
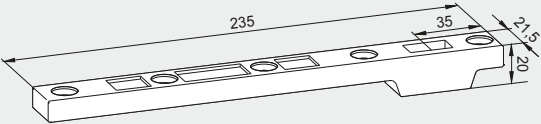
	Product description	Art. No.
	<p>Frame top centre with fixing block</p> <p>Weight in kg/m: aluminum 0.471</p>	02.150
	<p>Frame top centre with angle bracket</p> <p>Weight in kg/m: aluminum 0.453</p>	02.151
	<p>Frame top centre with special wedge screw fixings</p> <p>Weight in kg/m: aluminum 0.390</p> <p>Drill jig:</p>	<p>*02.152/02.153</p> <p>8.02.081.001.50</p>
	<p>Frame top centre AT 212 GSR with fixing plate</p> <p>Weight in kg/m: stainless steel 0.215</p>	*02.340/02.341

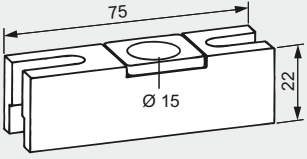
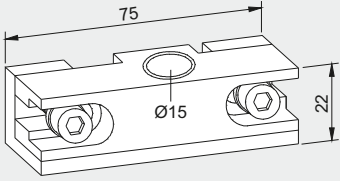
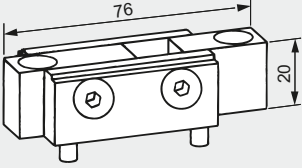
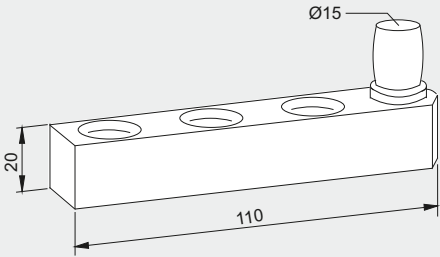
* Left / right hand (illustration shows right hand) are determined by view from hanging side.

Special accessories and special inserts for door rails

	Product description	Art. No.
	<p>Aluminum profile with brush seal to prevent draughts and energy loss (not in the area of inserts, locks, etc.), connected with door rail at manufacturer</p> <p>Weight in kg/m: 0.753</p>	<p>04.600</p>
	<p>Rubber sealing for door rails (also in the area of inserts, locks, etc.)</p> <p>fixed length stock length 200 m (= 1 coil)</p> <p>Weight in kg/m: 0.099</p>	<p>04.607 04.608</p>
	<p>Aluminum 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).</p> <p>Please indicate:</p> <ul style="list-style-type: none"> • Panel height (max. 2500 mm, higher dim. on request) • Required preparation of the profile for top and bottom fittings <p>fixed length</p> <p>Weight in kg/m: aluminum 4.744</p> <p>stock length 6000 mm (not prepared) stock length 3000 mm (not prepared)</p>	<p>03.380 03.381 03.382</p>
	<p>Screw-on floor bearing for damp environment, without floor recess, with inserts for door rails, max. 80 kg</p> <p>Weight in kg/m: 0.193</p>	<p>01.136</p>

*Information as to the product UNIVERSAL you may find in the technical brochure "Patch fittings for toughened glass assemblies"

	Product description	Art. No.
	<p>Bottom insert 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</p> <p>Weight in kg/m: 0.243</p>	<p>04.604</p>
	<p>Bottom strap, steel, zinc plated, with spindle insert to suit DORMA floor springs, 18 mm pivot point, max. door weight 80 kg</p> <p>Weight in kg/m: 0.349</p>	<p>804.167.001.55</p>
	<p>Bottom strap, aluminum, to suit floor bearings 01.106 and 01.107, 18 mm pivot point, max. door weight 80 kg</p> <p>Weight in kg/m: 0.129</p>	<p>804.060.002.50</p>
	<p>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.) For centre hung doors</p> <ul style="list-style-type: none"> • 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 <p>Pivot point either 55 or 65 mm (please specify with order).</p> <p>Weight in kg/m: 0.385</p>	<p>04.605</p>

	Product description	Art. No.
	<p>Top insert 55/65 mm pivot point, aluminum</p> <p>Weight in kg/m: 0.091</p>	<p>04.610</p>
	<p>Top insert, two part, aluminum, special, 55/65 mm pivot point (not in standard door rail)</p> <p>Weight in kg/m: 0.088</p>	<p>04.606</p>
	<p>Top insert for DORMA RTS transom closer, zinc plated steel, 65 mm pivot point</p> <p>Weight in kg/m: 0.240</p>	<p>04.611</p>
	<p>Top strap aluminum, 18 mm pivot point</p> <p>Weight in kg/m: 0.131</p>	<p>804.060.001.50</p>