

HSW EASY Safe: Types of panel



	DEF/PEF <small>single action end-/ double action end panel</small>	SF ↔	DSF <small>single action sliding panel</small> ↔	SF ↔	PSF <small>double action sliding panel</small> ↔	FT
	s/a end-/ d/a end- panel	sliding panel	s/a- sliding- panel	sliding panel	d/a- sliding- panel	fixed panel
max. panel height	4000 mm	4000 mm	3600 mm	4000 mm	3600 mm	4000 mm
max. panel width	1250 mm	1250 mm	1250 mm	1250 mm	1250 mm	1250 mm
max. panel weight	150 kg	150 kg	120 kg	150 kg	120 kg	150 kg

stacking area-modules

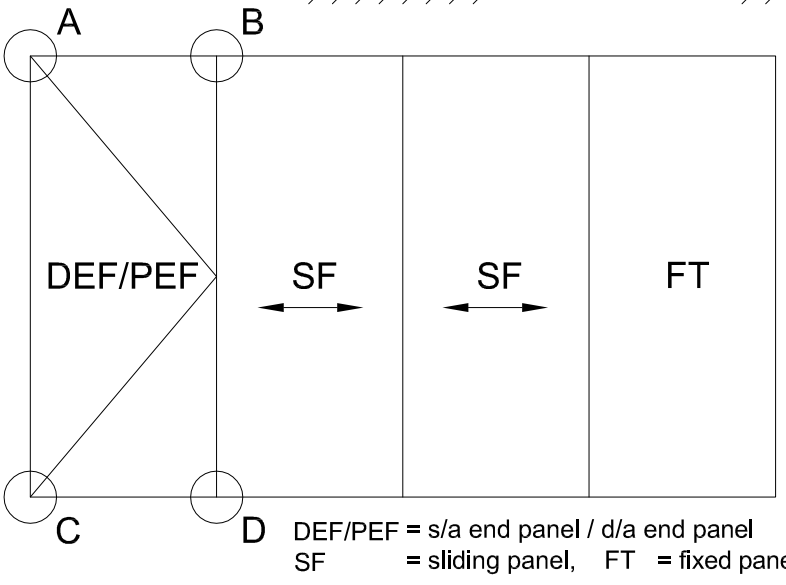
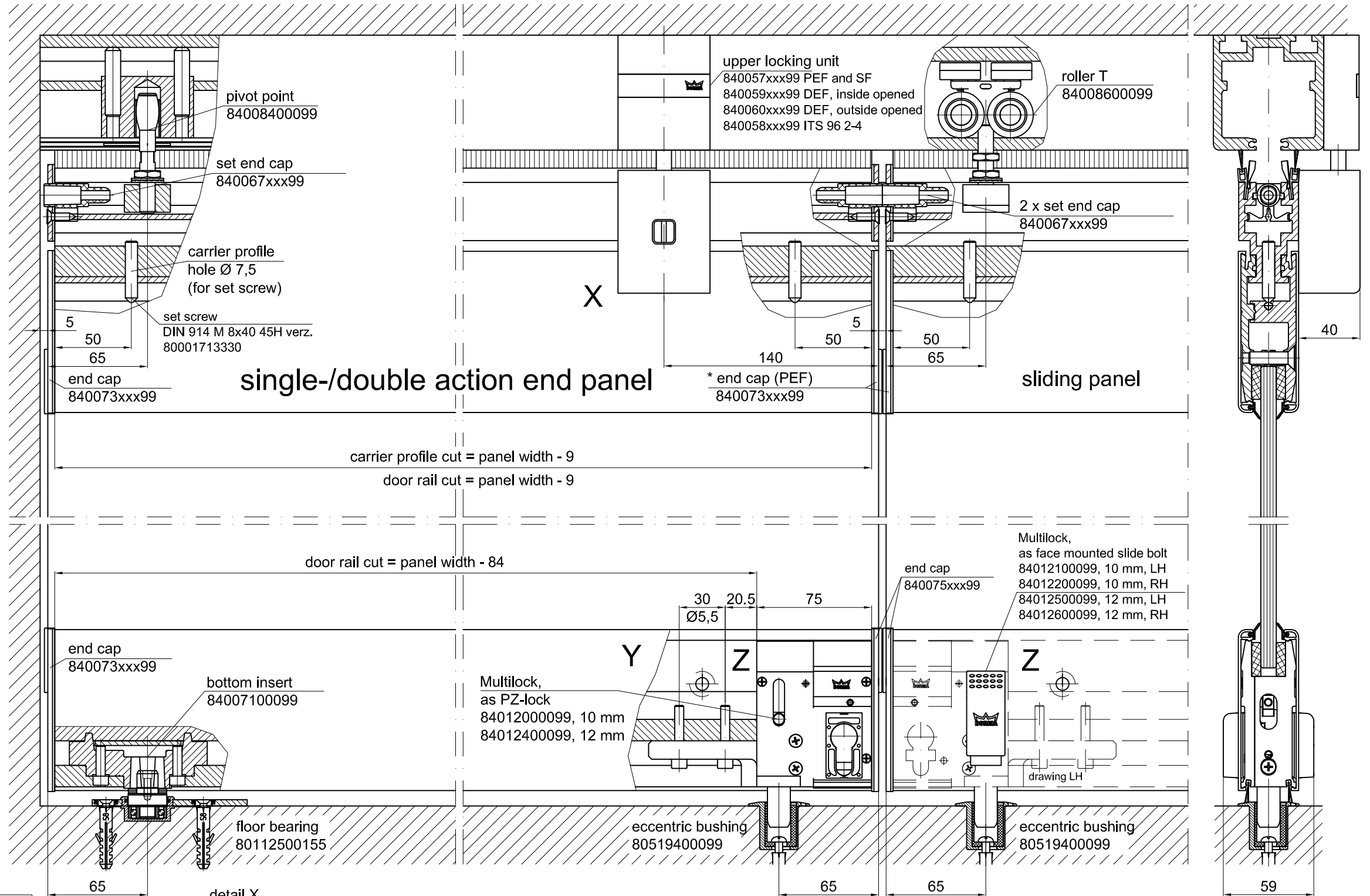
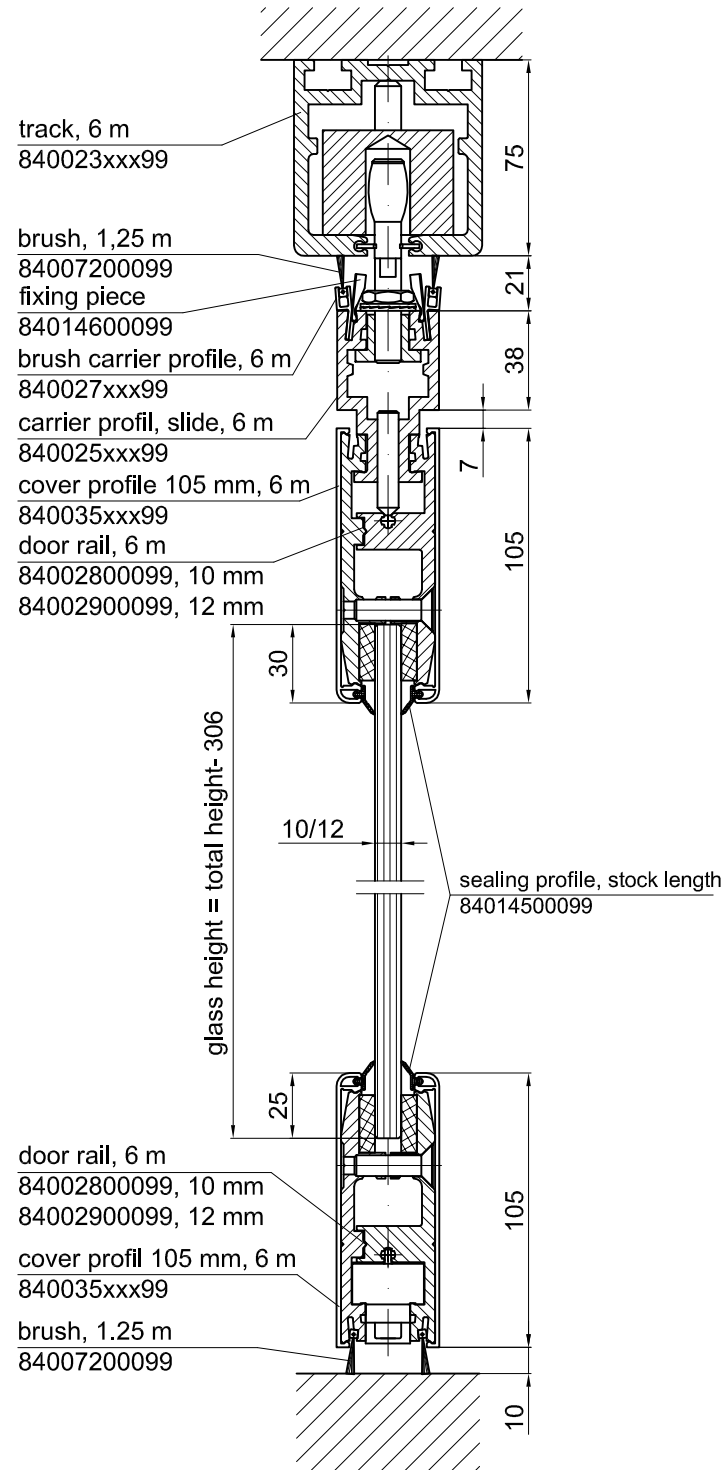
panel without carrier profile
vertical sealing profile
substructure

HSW EASY Safe systems, which do not have a single action- or double action sliding panel, can be carried out without the carrier profile

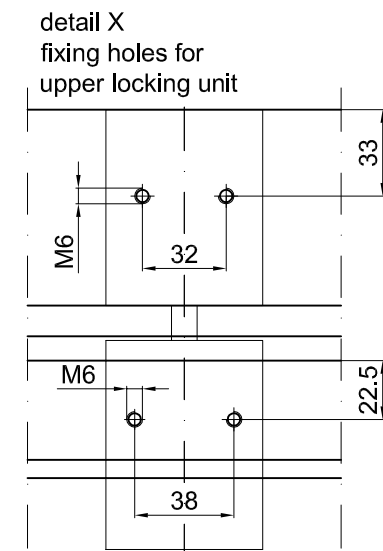
Detail A

HSW EASY Safe single-/double action end panel DEF

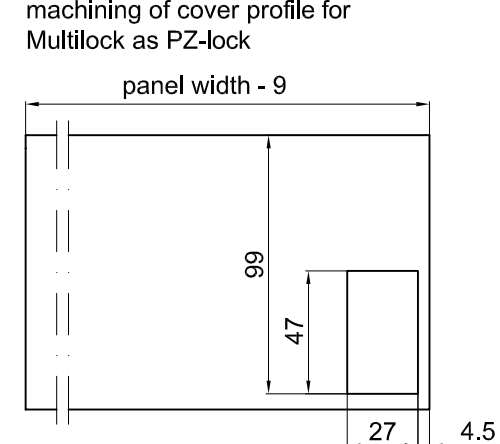
Detail B



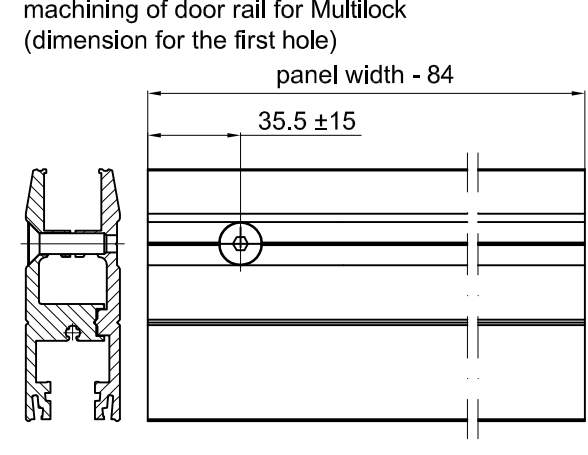
Detail C



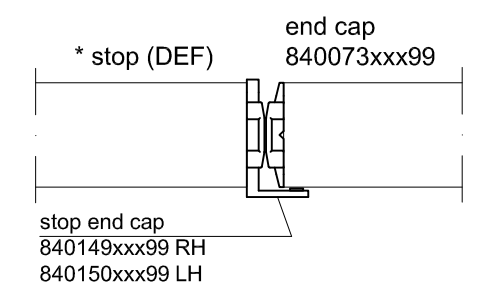
Detail Y



Detail Z



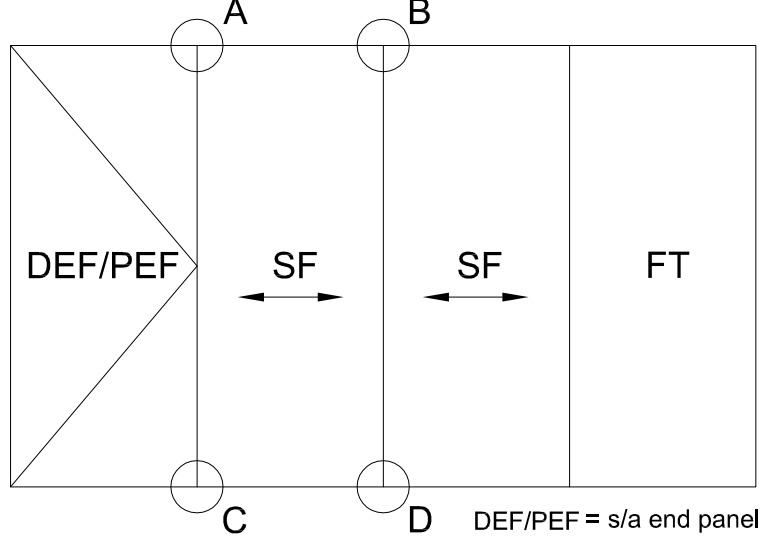
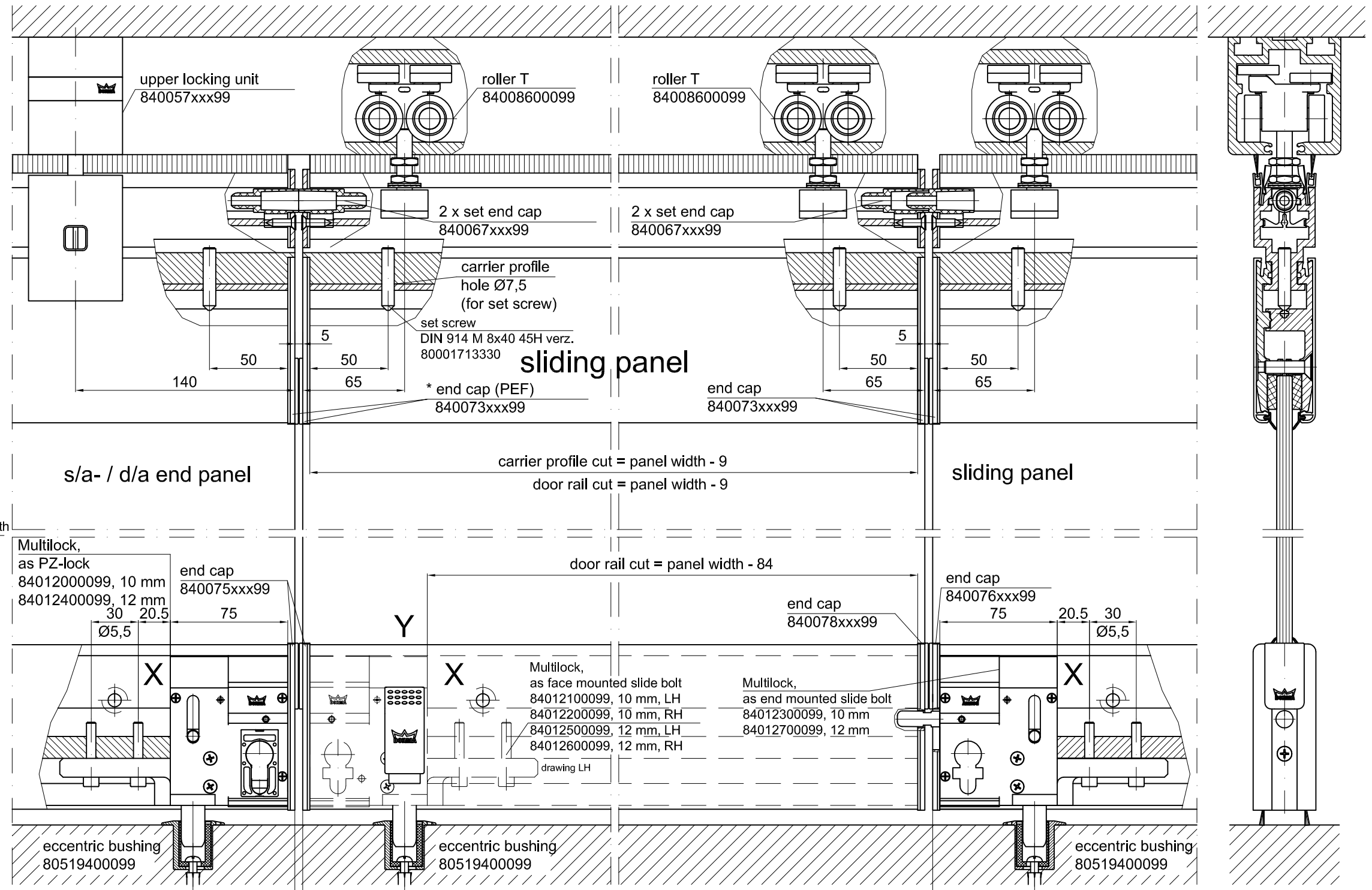
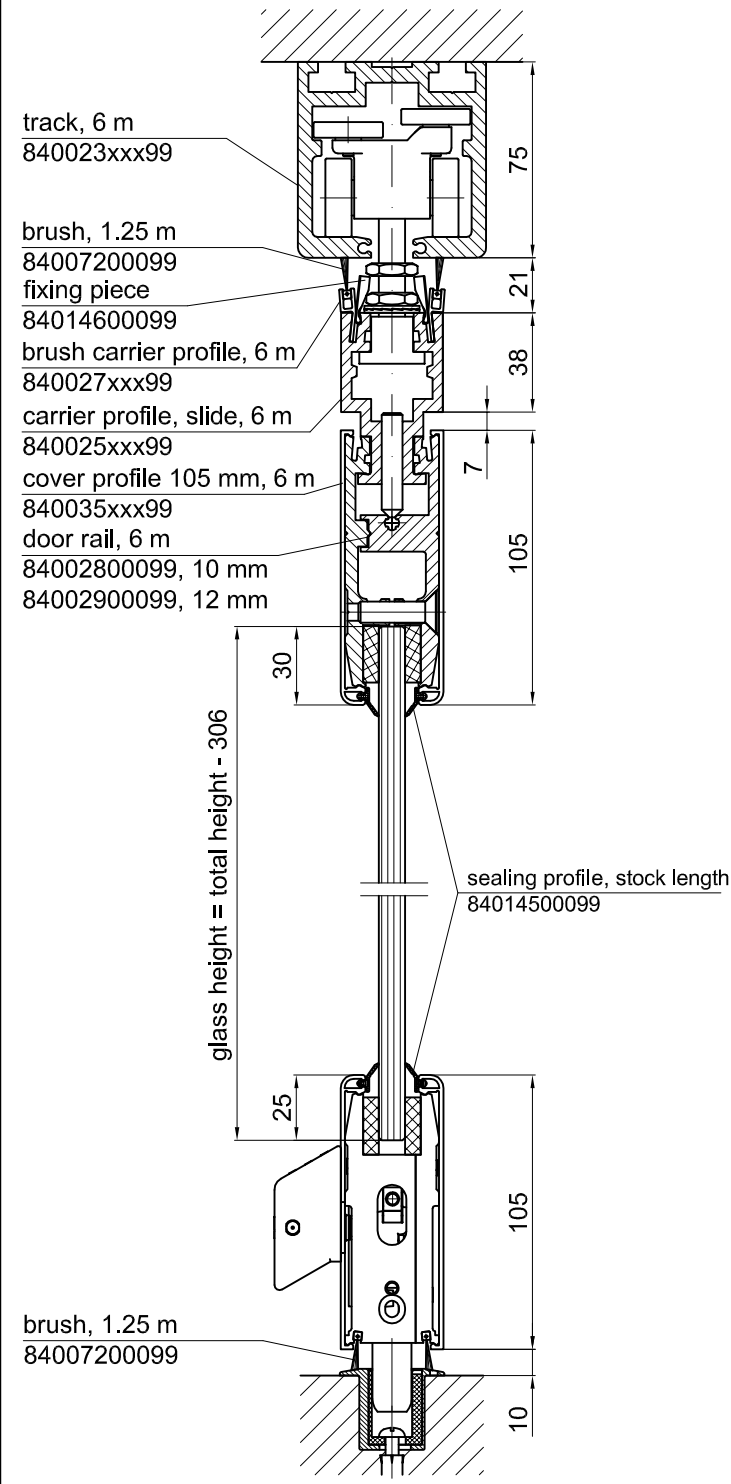
Detail D



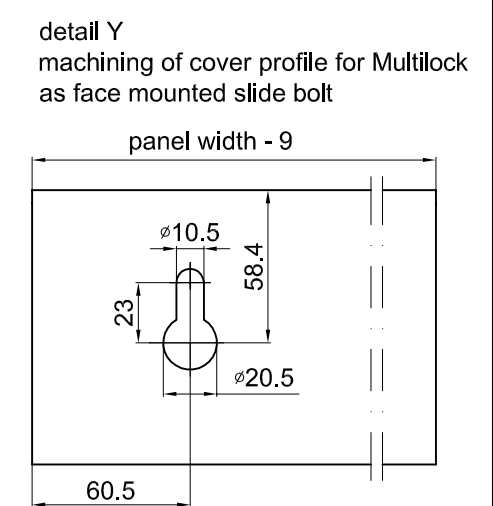
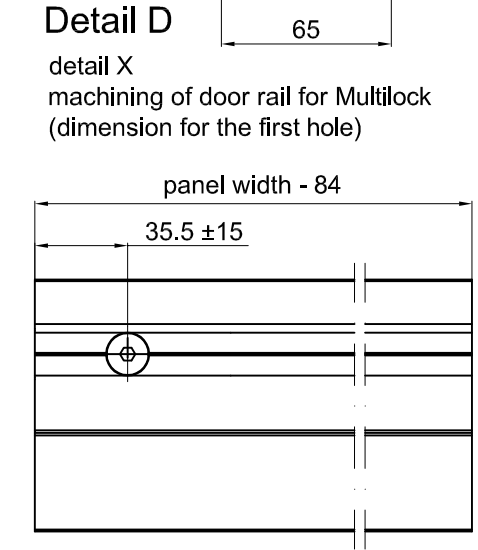
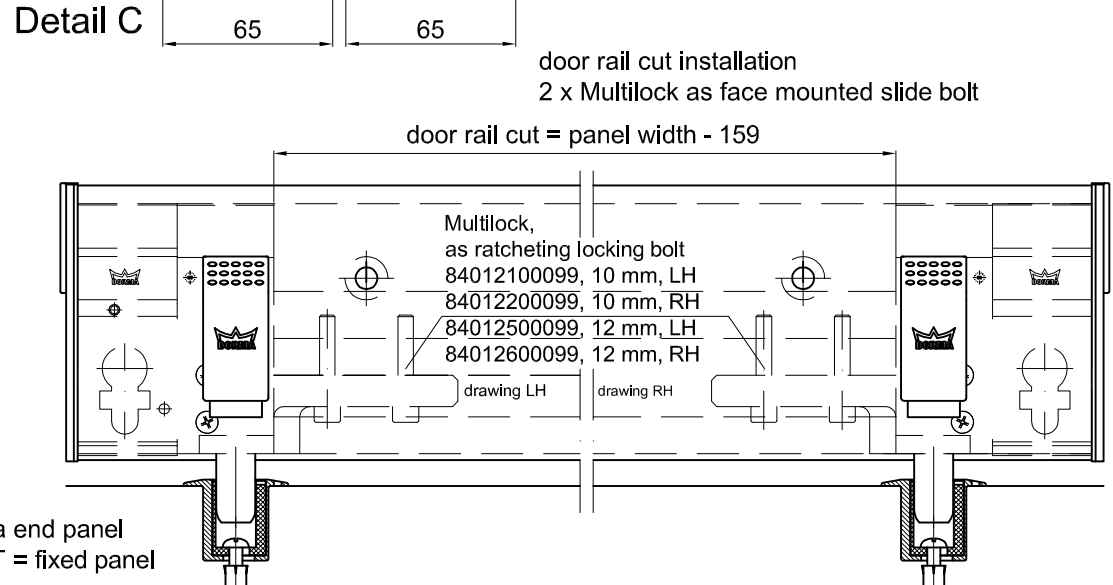


Detail A HSW EASY Safe sliding panel SF1

Detail B



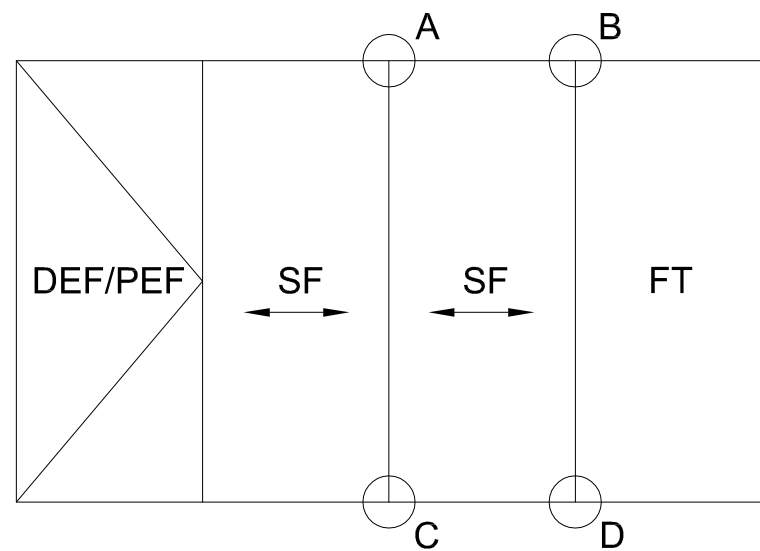
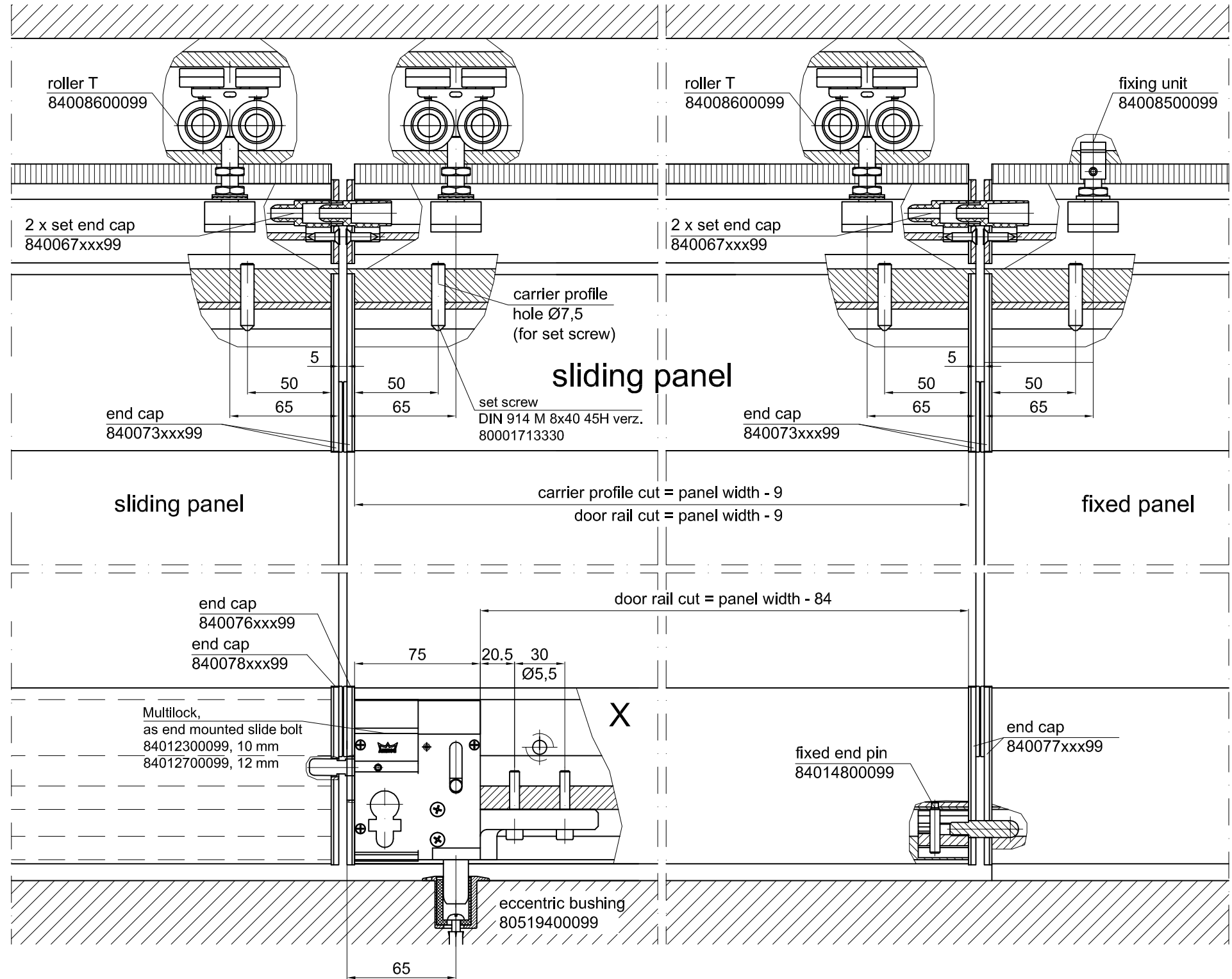
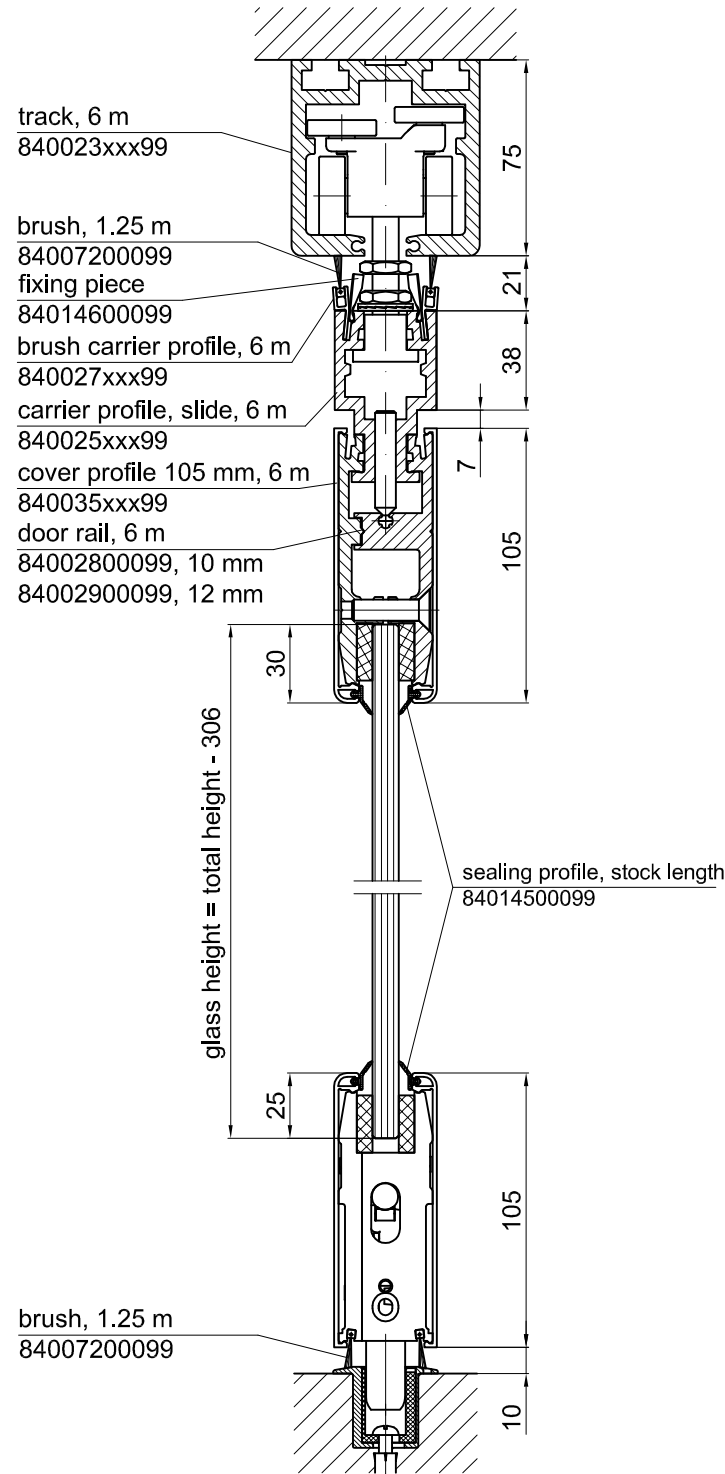
DEF/PEF = s/a end panel / d/a end panel
SF = sliding panel, FT = fixed panel



Detail A HSW EASY Safe sliding panel SF2

Detail B

CAD drawn: DORMA GLAS GmbH Bad Salzuffen
format: A0, scale 1:1, 12.03.2015, S. Schmidt

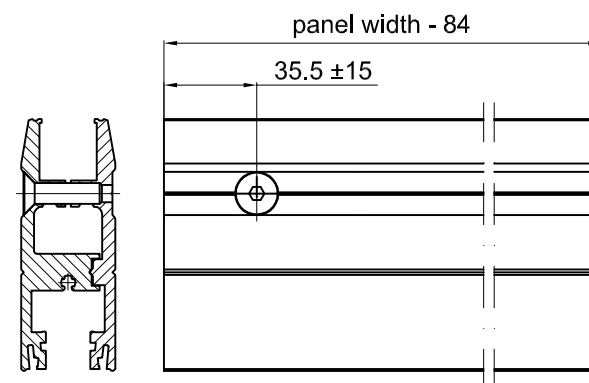


DEF/PEF = s/a end panel / d/a end panel
SF = sliding panel
FT = fixed panel

Detail C

detail X
machining of door rail for Multilock
(dimension for the first hole)

Detail D

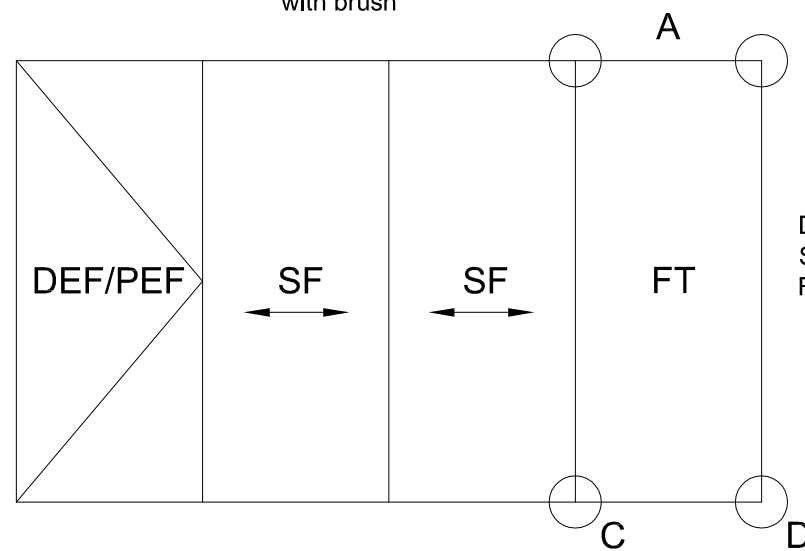
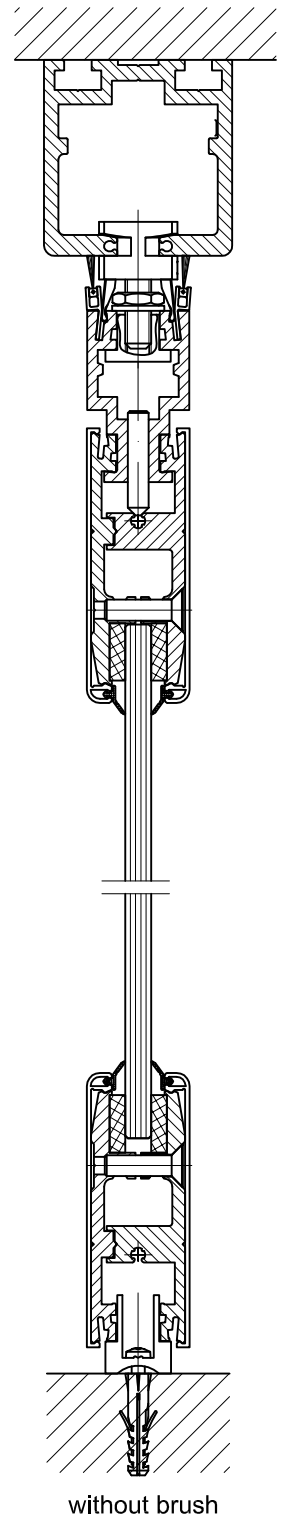
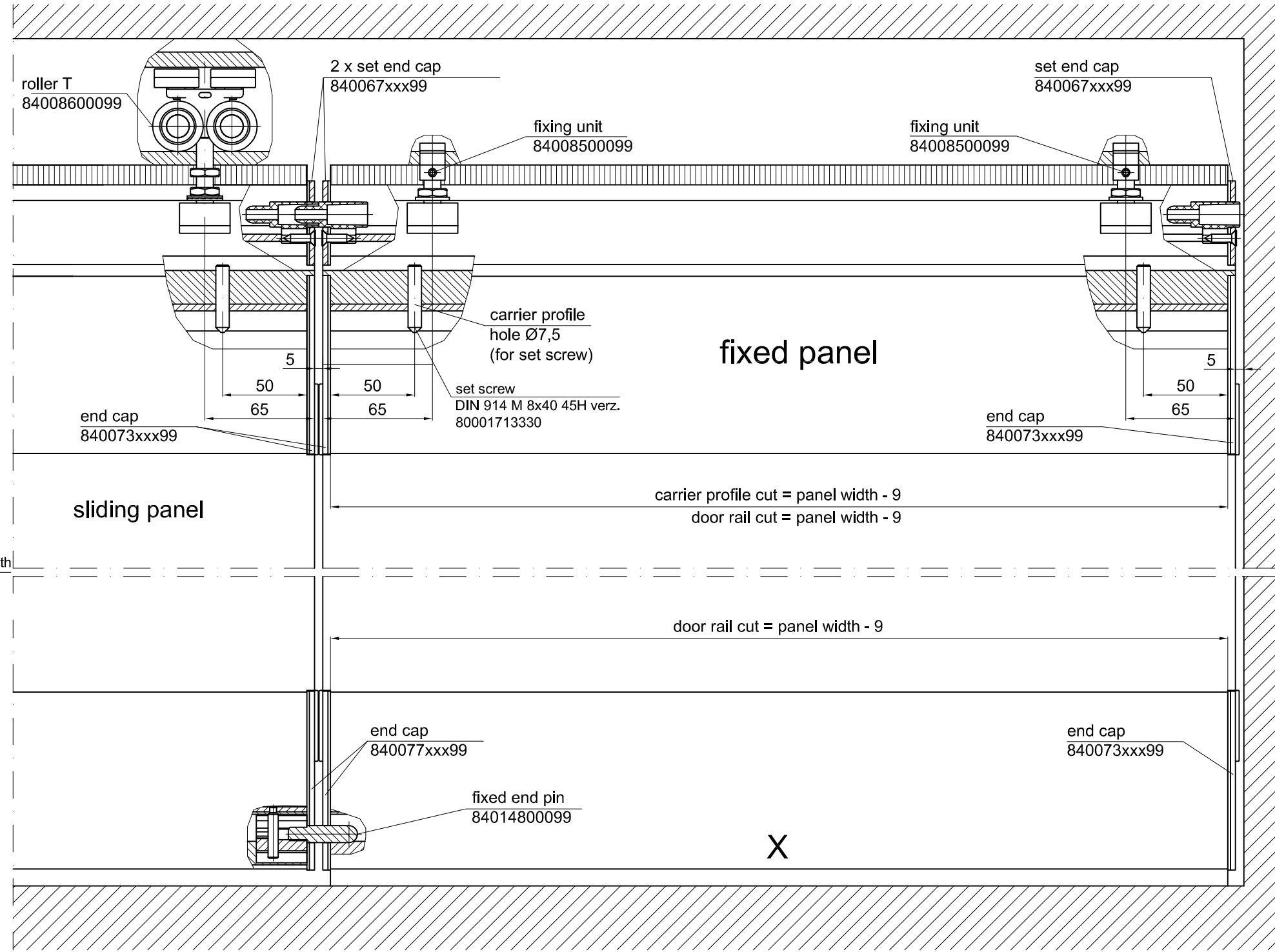
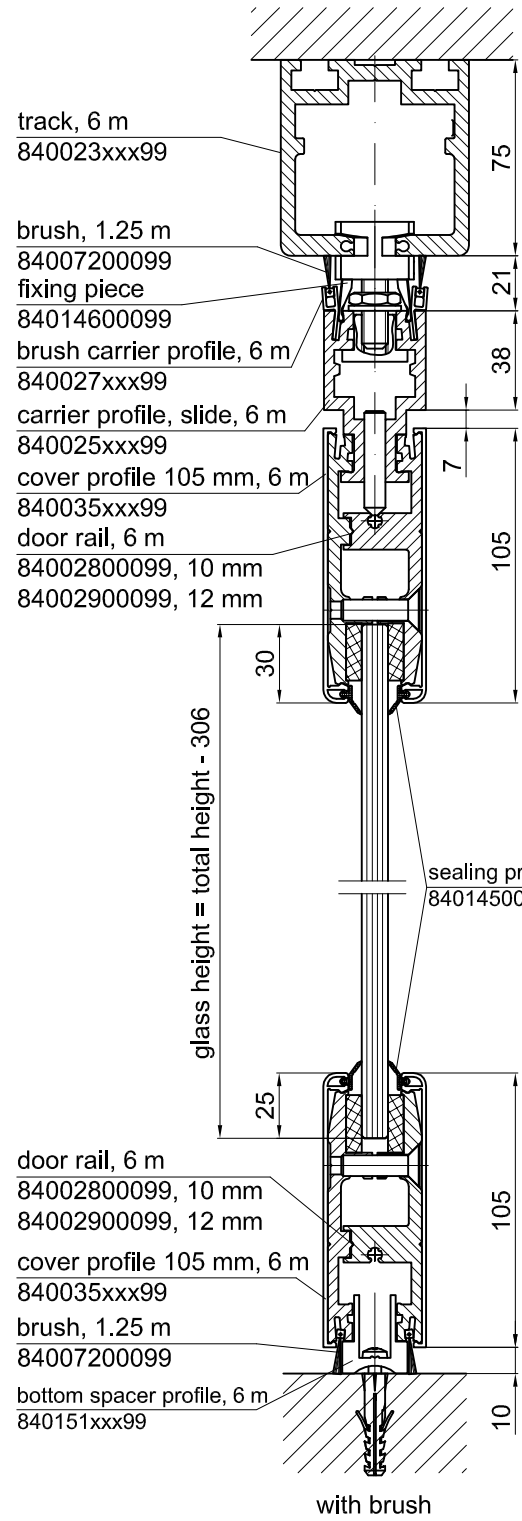




Detail A HSW EASY Safe fixed panel FT

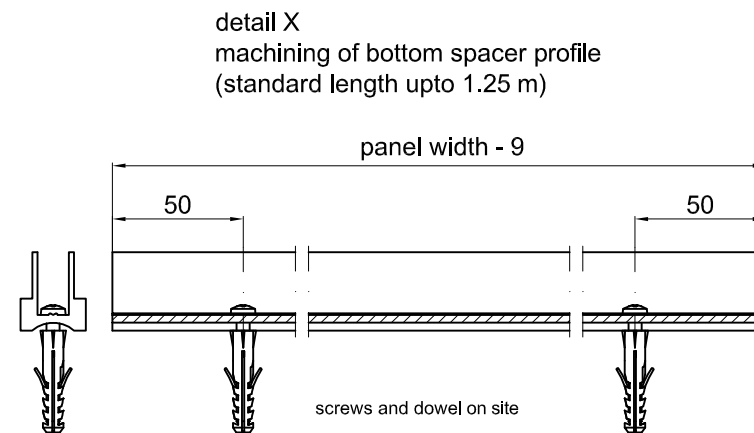
CAD drawn: DORMA GLAS GmbH Bad Salzuffen
format: A0, scale 1:1, 12.03.2015, S. Schmidt

Detail B

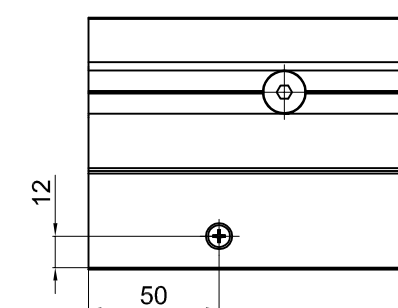


DEF/PEF = s/a end panel / d/a end panel
SF = sliding panel
FT = fixed panel

Detail C



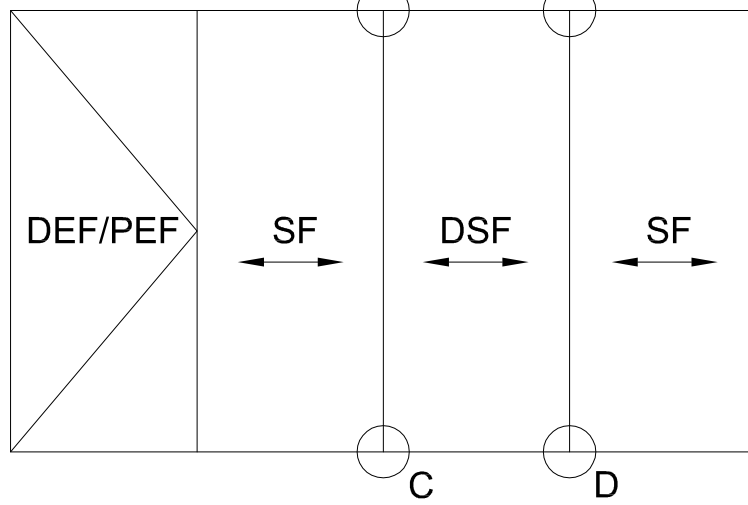
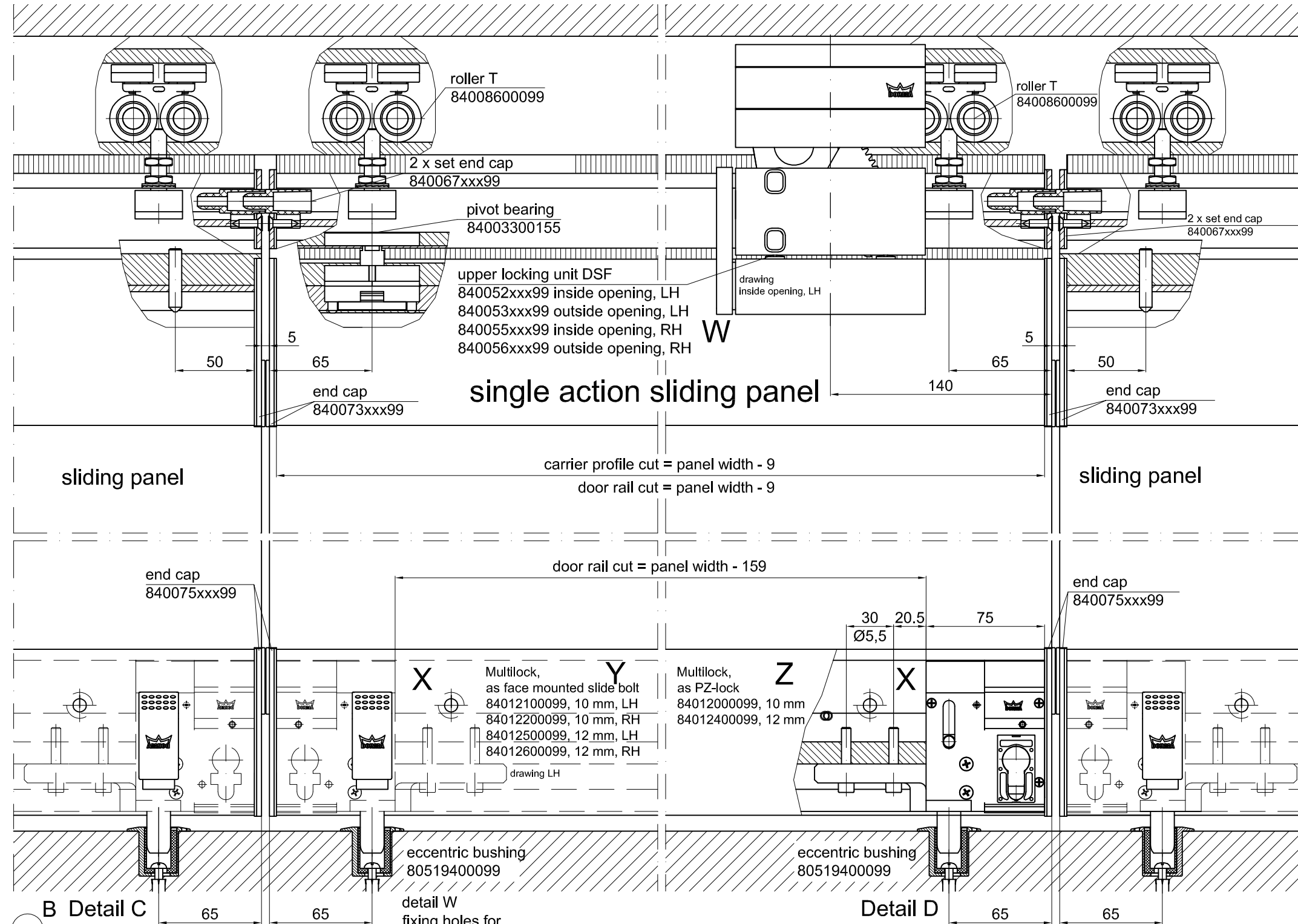
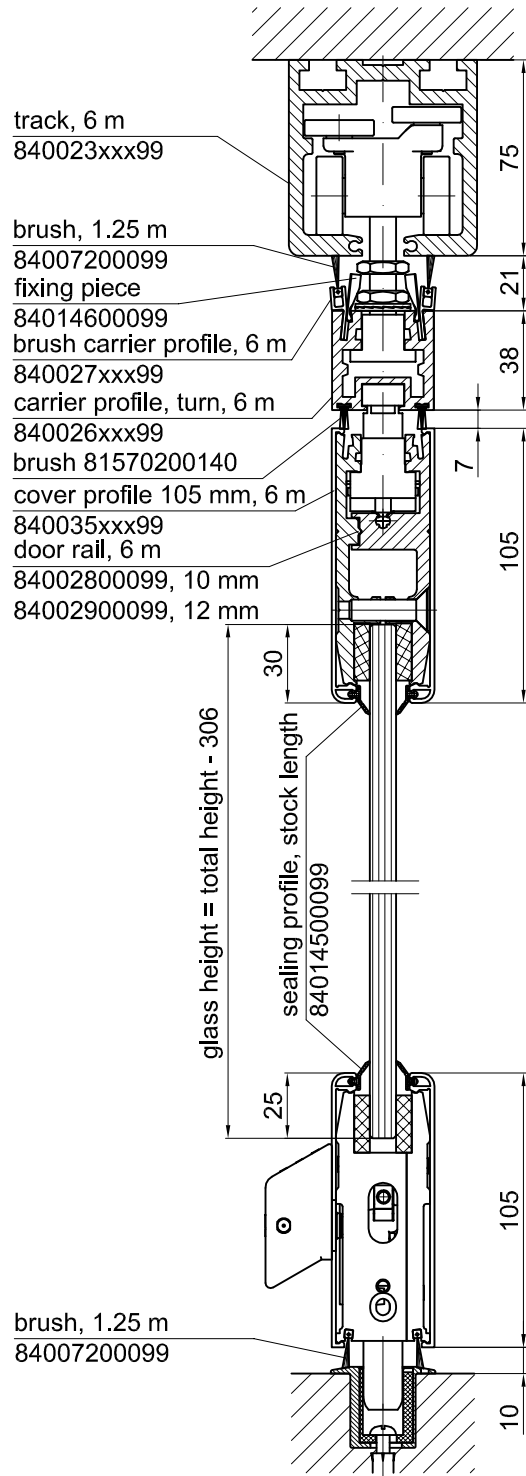
Detail D
machining of door rail
suggestion:
protection bottom spacer profile (on site)



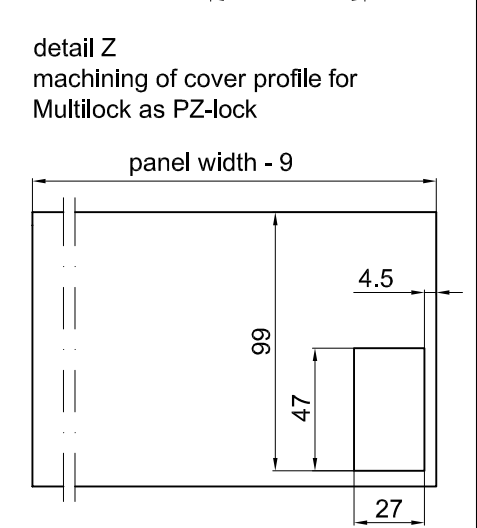
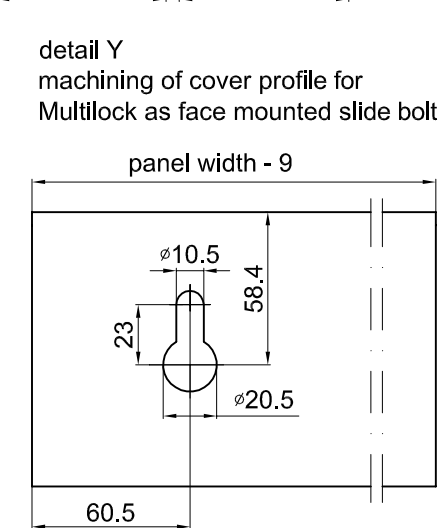
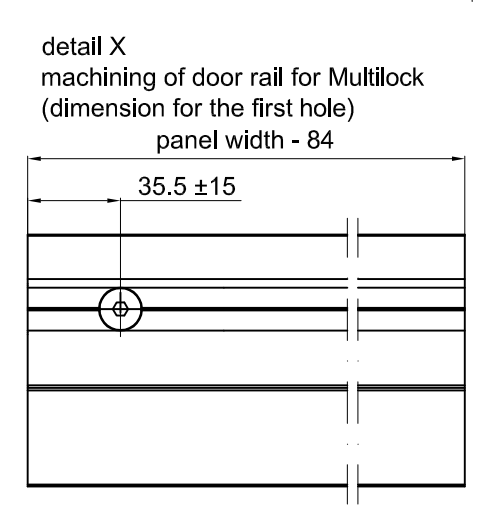
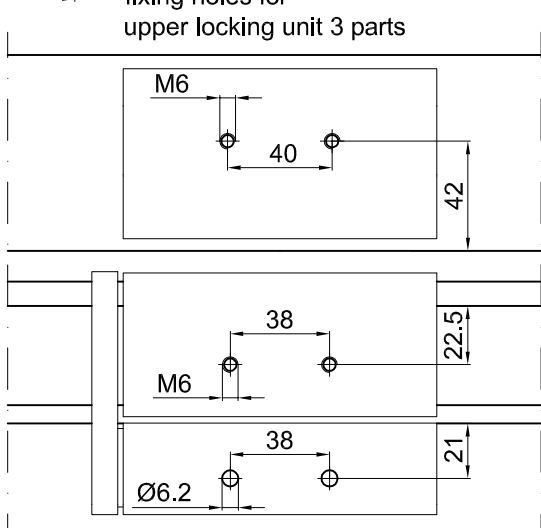
Detail A

HSW EASY Safe single action sliding panel DSF

Detail B



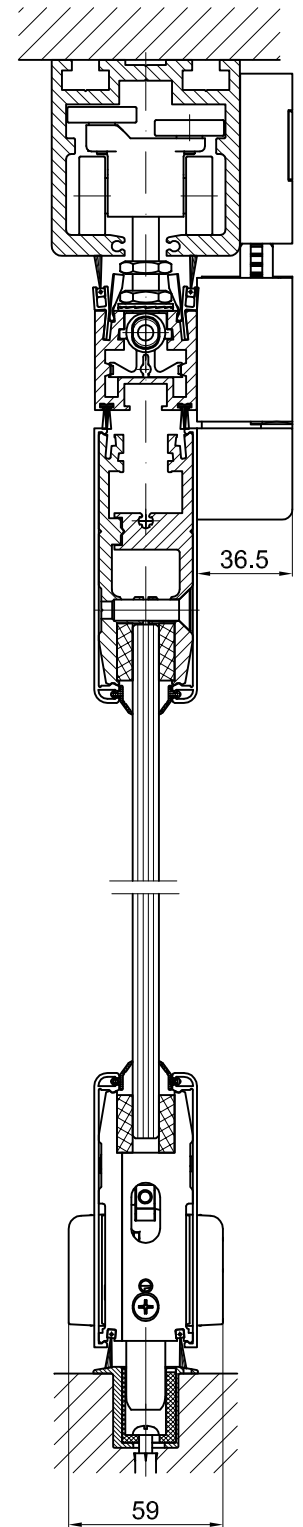
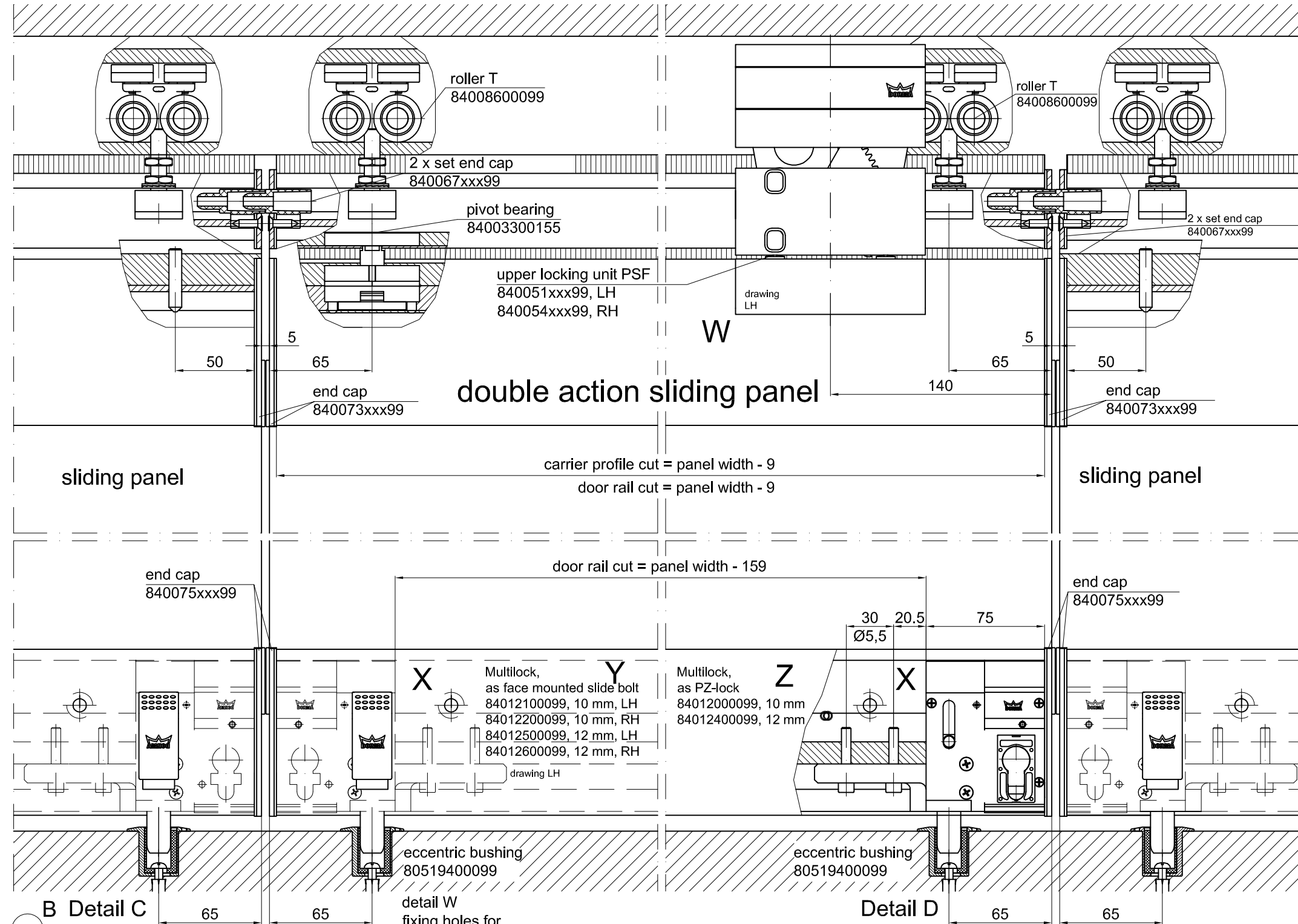
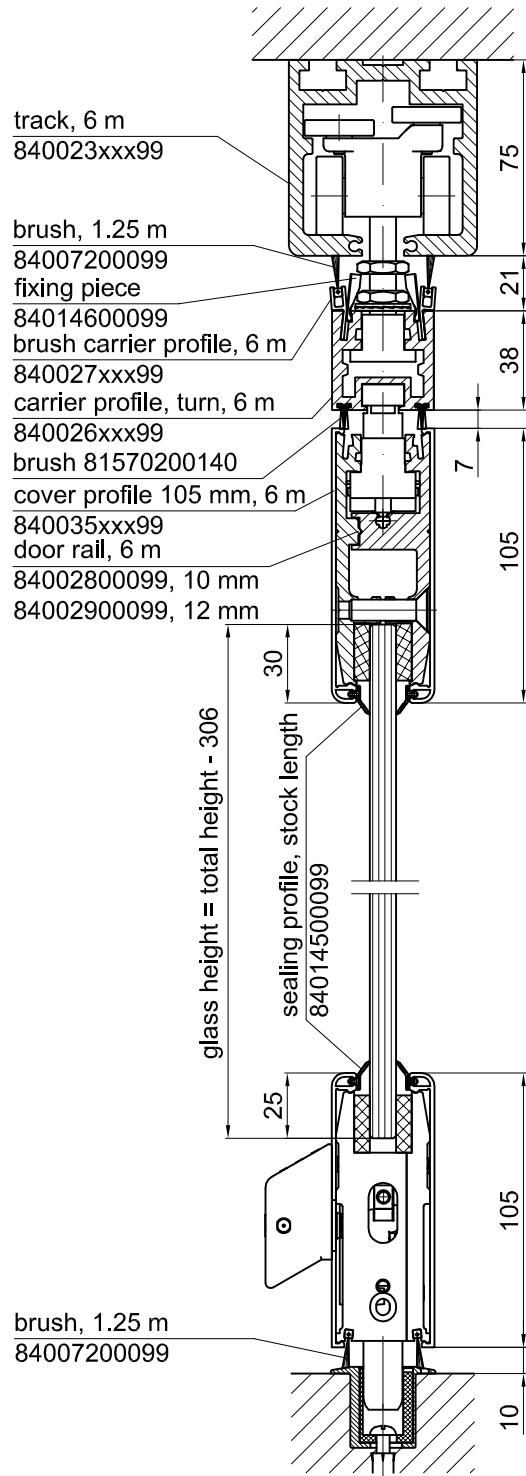
DEF/PEF = s/a end panel/
d/a end panel
SF = sliding panel,
DSF = s/a sliding panel



Detail A

HSW EASY Safe double action sliding panel PSF

Detail B



sliding panel

sliding panel

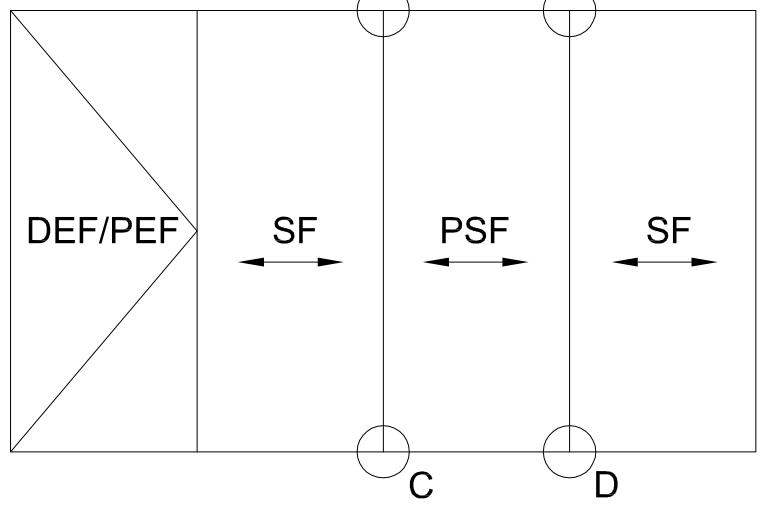
double action sliding panel

carrier profile cut = panel width - 9
door rail cut = panel width - 9

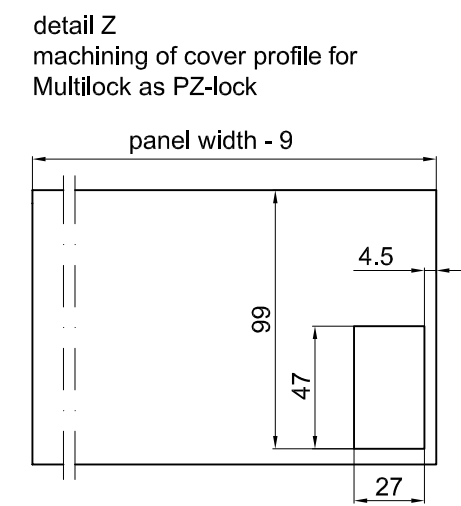
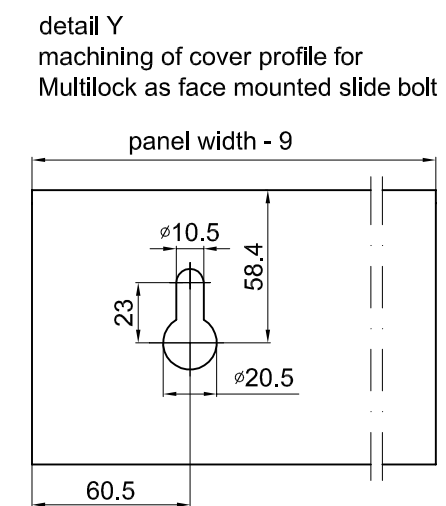
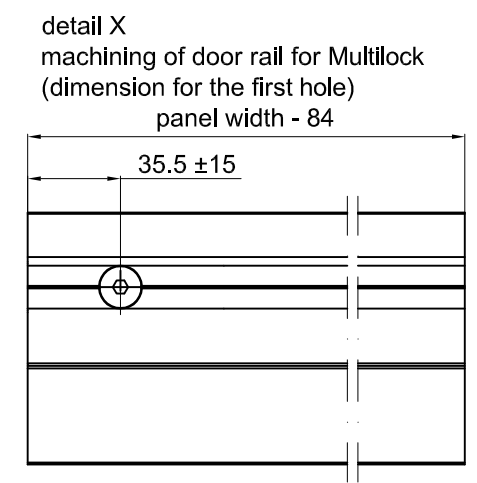
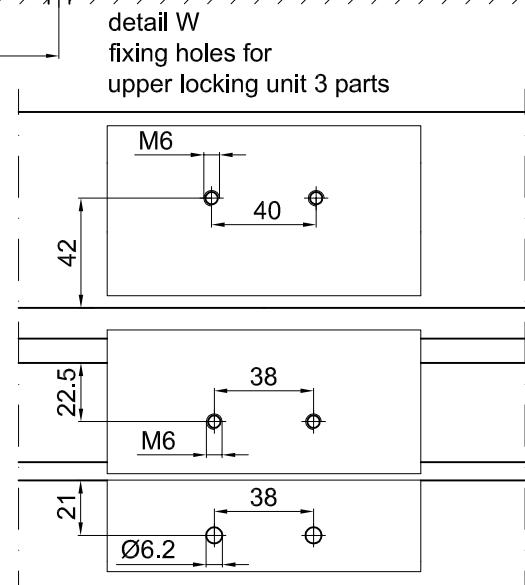
door rail cut = panel width - 159

Multilock,
as face mounted slide bolt
84012100099, 10 mm, LH
84012200099, 10 mm, RH
84012500099, 12 mm, LH
84012600099, 12 mm, RH

Multilock,
as PZ-lock
84012000099, 10 mm
84012400099, 12 mm

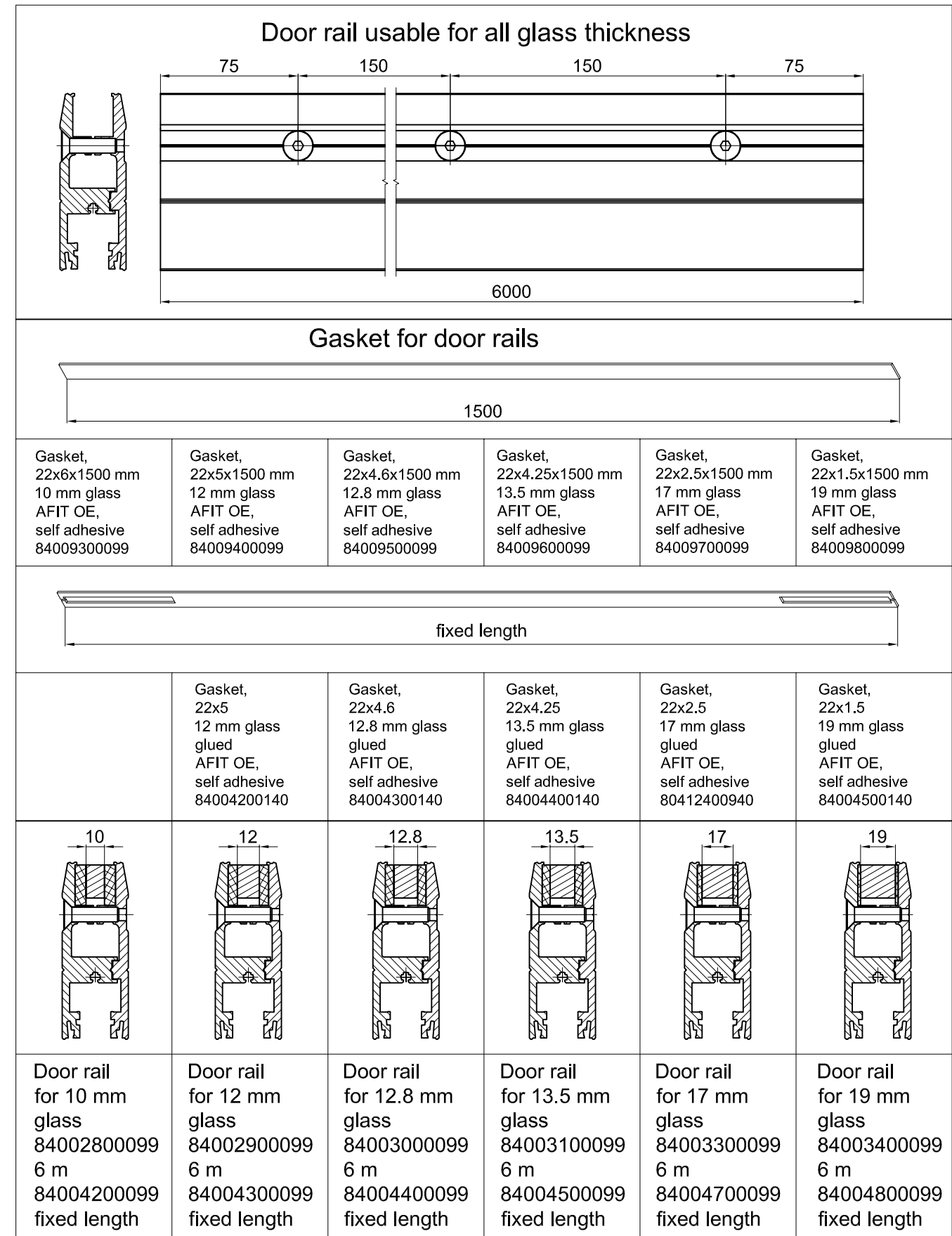


DEF/PEF = s/a end panel/
d/a end panel
SF = sliding panel,
PSF = d/a sliding panel



HSW EASY Safe: Basic construction panel

illustration	description	surface xxx	weight in kg/m / layout in mm
	Track profile 840.023.xxx.99 6 m 840.021.xxx.99 fixed length	100 = alumin. mill finish 150 = alumin. silver EV 1 157 = alumin. sim. satin stainless steel C 31 199 = alumin. special anodized 318 = similar EV 1 powder-coated 350 = traffic white 399 = special powder-coated colour	4,47 kg/m / 622 mm
	Carrier profile, slide 840.025.xxx.99 6 m 840.039.xxx.99 fixed length	100 = alumin. mill finish 150 = alumin. silver EV 1 157 = alumin. sim. satin stainless steel C 31 199 = alumin. special anodized 318 = similar EV 1 powder-coated 350 = traffic white 399 = special powder-coated colour	2,38 kg/m / 882 mm
	Carrier profile, turn 840.026.xxx.99 6 m 840.040.xxx.99 fixed length	100 = alumin. mill finish 150 = alumin. silver EV 1 157 = alumin. sim. satin stainless steel C 31 199 = alumin. special anodized 318 = similar EV 1 powder-coated 350 = traffic white 399 = special powder-coated colour	1,61 kg/m / 372 mm
	Brush carrier profile 840.027.xxx.99 6 m 840.041.xxx.99 fixed length	100 = alumin. mill finish 150 = alumin. silver EV 1 157 = alumin. sim. satin stainless steel C 31 199 = alumin. special anodized 318 = similar EV 1 powder-coated 350 = traffic white 399 = special powder-coated colour	0,11 kg/m / 67,4 mm
	Cover profile 105 mm straight 840.035.xxx.99 6 m 840.049.xxx.99 fixed length	100 = alumin. mill finish 150 = alumin. silver EV 1 157 = alumin. sim. satin stainless steel C 31 199 = alumin. special anodized 318 = similar EV 1 powder-coated 350 = traffic white 399 = special powder-coated colour	0,55 kg/m / 251 mm
	Cover profile 120 mm curved 840.036.xxx.99 6 m 840.050.xxx.99 fixed length	100 = alumin. mill finish 150 = alumin. silver EV 1 157 = alumin. sim. satin stainless steel C 31 199 = alumin. special anodized 318 = similar EV 1 powder-coated 350 = traffic white 399 = special powder-coated colour	0,75 kg/m / 287 mm
	Bottom spacer profile 840.151.xxx.99 6 m 840.152.xxx.99 fixed length	100 = alumin. mill finish 150 = alumin. silver EV 1	0,71 kg/m / 160,5 mm



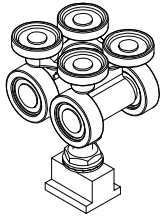
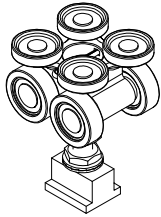
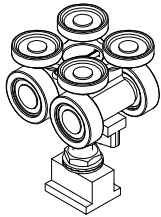
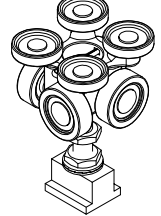
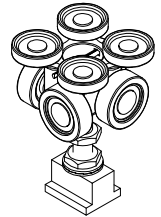
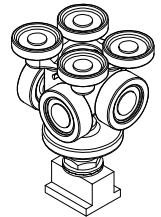
HSW EASY Safe: End cap



illustration	description	surface xxx	illustration	description	surface xxx
	840073xxx99 End cap 106 mm with standard preparation	100 = alumin. mill finish 109 = alumin. black		840077xxx99 End cap 106 mm prepared for fixed end pin	100 = alumin. mill finish 109 = alumin. black
	840074xxx99 End cap 50 mm for carrier profile	100 = alumin. mill finish 109 = alumin. black		840078xxx99 End cap 106 mm prepared for connection to end mounted slide bolt	100 = alumin. mill finish 109 = alumin. black
	840075xxx99 End cap 106 mm prepared for Multilock with face mounted slide bolt	100 = alumin. mill finish 109 = alumin. black		840149xxx99 End cap with stop RH	100 = alumin. mill finish 109 = alumin. black
	840076xxx99 End cap 106 mm prepared for Multilock with end mounted slide bolt	100 = alumin. mill finish 109 = alumin. black		840150xxx99 End cap with stop LH	100 = alumin. mill finish 109 = alumin. black

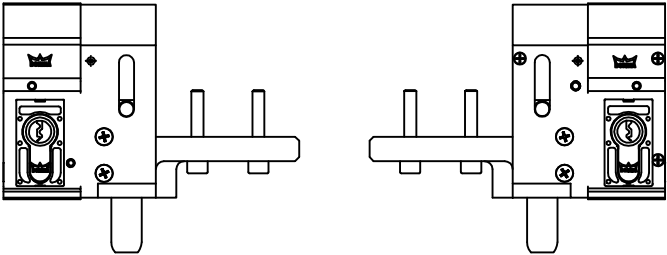
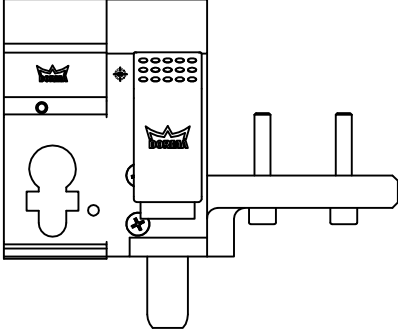
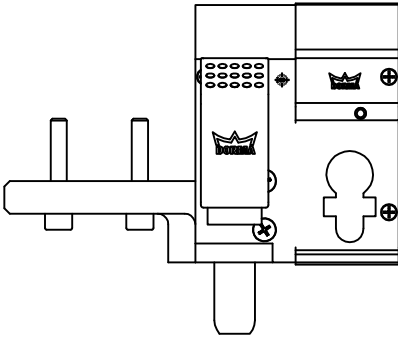
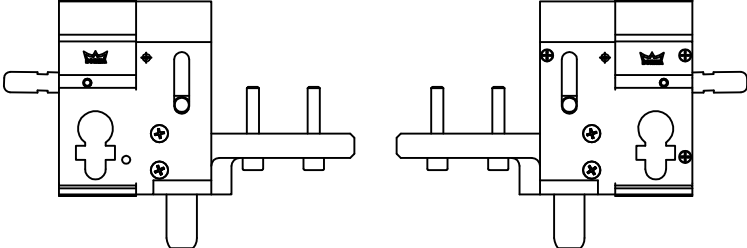
HSW EASY Safe: Roller



illustration	description
	<p>84008600099 Roller T (high/low)</p>
	<p>84008700099 Roller TN (low/low)</p>
	<p>84008800099 Roller TFN (with direction)</p>
	<p>84008900099 Roller K (high/low)</p>
	<p>84009000099 Roller KN (low/low)</p>
	<p>84009100099 Roller KU with deviation help</p>

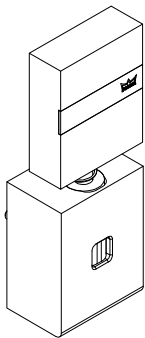
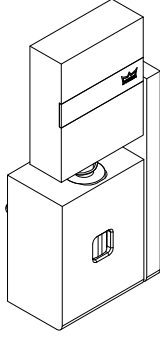
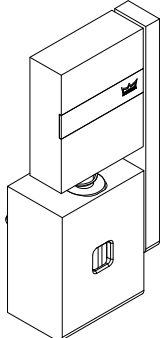
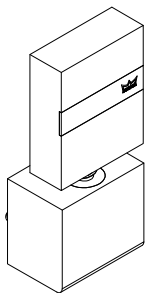
HSW EASY Safe: Multilock



illustration	description
	<p>Multilock prepared for PZ-lock</p> <p>84012000099, 10 mm glass 84012400099, 12 mm glass 84012800099, 12.8 mm glass 84013200099, 13.5 mm glass 84013600099, 17 mm glass 84014000099, 19 mm glass</p>
	<p>Multilock prepared for face mounted locking bolt LH</p> <p>84012100099, 10 mm glass 84012500099, 12 mm glass 84012900099, 12.8 mm glass 84013300099, 13.5 mm glass 84013700099, 17 mm glass 84014100099, 19 mm glass</p>
	<p>Multilock prepared for face mounted locking bolt RH</p> <p>84012200099, 10 mm glass 84012600099, 12 mm glass 84013000099, 12.8 mm glass 84013400099, 13.5 mm glass 84013800099, 17 mm glass 84014200099, 19 mm glass</p>
	<p>Multilock prepared for end mounted locking bolt</p> <p>84012300099, 10 mm glass 84012700099, 12 mm glass 84013100099, 12.8 mm glass 84013500099, 13.5 mm glass 84013900099, 17 mm glass 84014300099, 19 mm glass</p>

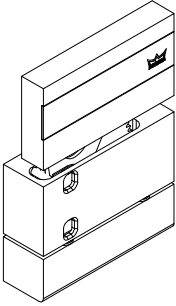
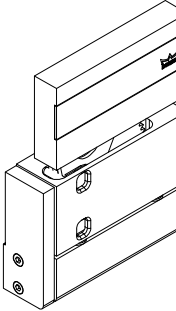
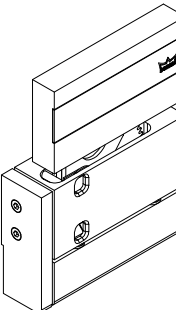
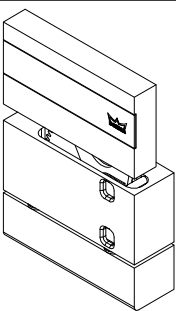
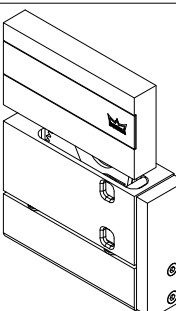
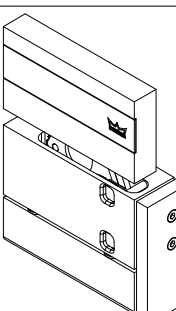
HSW EASY Safe: Upper locking unit, 2 parts



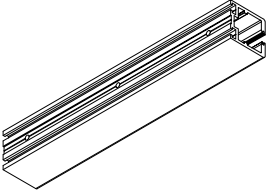
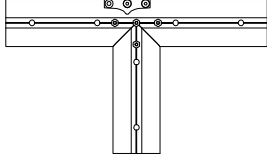
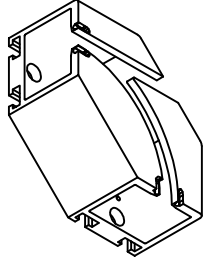
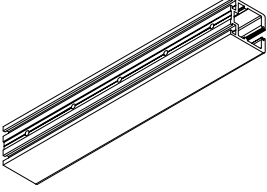
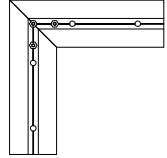
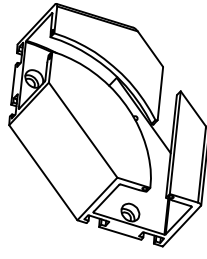
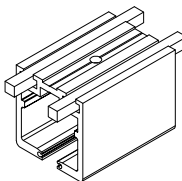
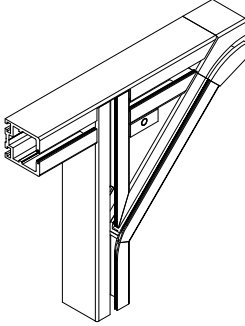
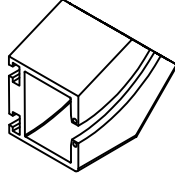
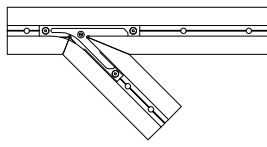
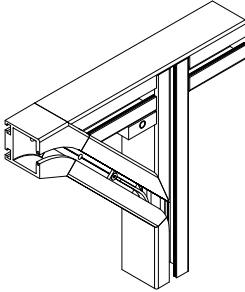
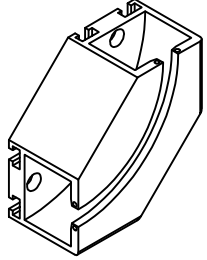
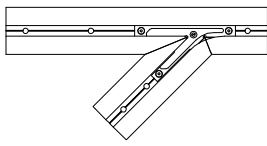
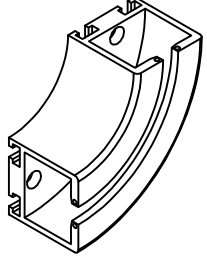
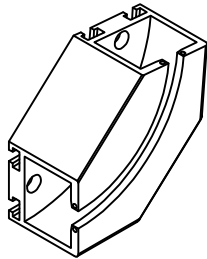
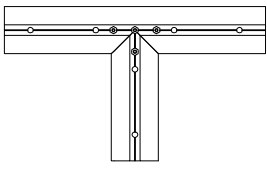
illustration	description	surface xxx
	<p>840057xxx99 Upper locking unit with status display for double action end panel (PEF) and sliding panel (SF)</p>	<p>100 = alumin. mill finish 304 = black powder-coated 318 = similar EV 1 powder-coated 350 = traffic white 399 = special powder-coated colour</p>
	<p>840059xxx99 Upper locking unit with status display, inside opening for single action end panel (DEF)</p>	<p>100 = alumin. mill finish 304 = black powder-coated 318 = similar EV 1 powder-coated 350 = traffic white 399 = special powder-coated colour</p>
	<p>840060xxx99 Upper locking unit with status display, outside opening for single action end panel (DEF)</p>	<p>100 = alumin. mill finish 304 = black powder-coated 318 = similar EV 1 powder-coated 350 = traffic white 399 = special powder-coated colour</p>
	<p>840058xxx99 Additional upper locking unit, for double action sliding panel ITS 96 2-4</p>	<p>100 = alumin. mill finish 304 = black powder-coated 318 = similar EV 1 powder-coated 350 = traffic white 399 = special powder-coated colour</p>

HSW EASY Safe: Upper locking unit, 3 parts



illustration	description	surface xxx
	<p>840051xxx99 Upper locking unit with status display, LH, for double action sliding panel (PSF)</p>	<p>100 = alumin. mill finish 304 = black powder-coated 318 = similar EV 1 powder-coated 350 = traffic white 399 = special powder-coated colour</p>
	<p>840052xxx99 Upper locking unit, inside opening LH, with status display, for single action sliding panel (DSF)</p>	<p>100 = alumin. mill finish 304 = black powder-coated 318 = similar EV 1 powder-coated 350 = traffic white 399 = special powder-coated colour</p>
	<p>840053xxx99 Upper locking unit, outside opening LH, with status display, for single action sliding panel (DSF)</p>	<p>100 = alumin. mill finish 304 = black powder-coated 318 = similar EV 1 powder-coated 350 = traffic white 399 = special powder-coated colour</p>
	<p>840054xxx99 Upper locking unit, RH, with status display, for double action sliding panel (PSF)</p>	<p>100 = alumin. mill finish 304 = black powder-coated 318 = similar EV 1 powder-coated 350 = traffic white 399 = special powder-coated colour</p>
	<p>840055xxx99 Upper locking unit, inside opening RH, with status display, for single action sliding panel (DSF)</p>	<p>100 = alumin. mill finish 304 = black powder-coated 318 = similar EV 1 powder-coated 350 = traffic white 399 = special powder-coated colour</p>
	<p>840056xxx99 Upper locking unit, outside opening RH, with status display, for single action sliding panel (DSF)</p>	<p>100 = alumin. mill finish 304 = black powder-coated 318 = similar EV 1 powder-coated 350 = traffic white 399 = special powder-coated colour</p>

HSW EASY Safe: stacking area-modules

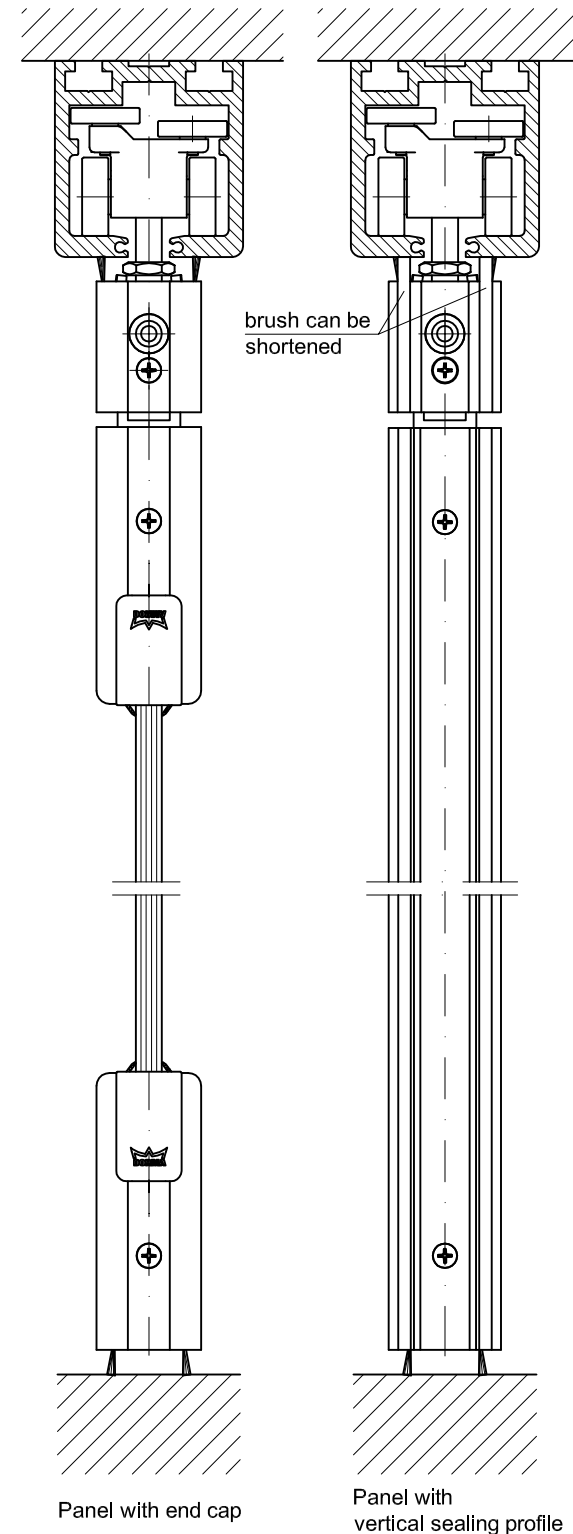
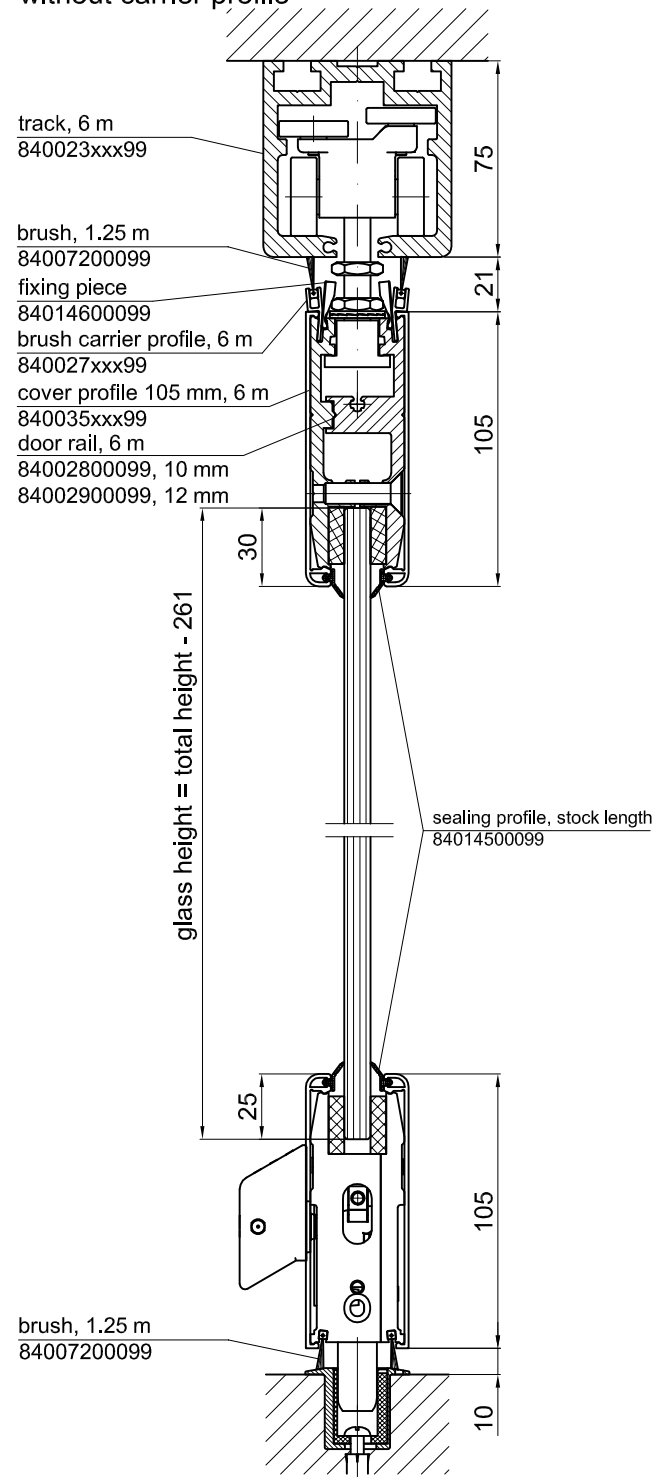
illustration	description	surface xxx	illustration	description	surface xxx	illustration	description	surface xxx
	track stamping 300 mm 840001xxx99 6 m 840022xxx99 fixed length	100 = alumin. mill finish 150 = alumin. silver EV 1 157 = alumin. sim. satin stainless steel C 31 199 = alumin. special anodized 318 = similar EV 1 powder-coated 350 = traffic white 399 = special powder-coated colour		T-module 90° with deviation piece 840013xxx99	100 = alumin. mill finish 150 = alumin. silver EV 1 157 = alumin. sim. satin stainless steel C 31 199 = alumin. special anodized 318 = similar EV 1 powder-coated 350 = traffic white 399 = special powder-coated colour		module 4 diversion 90° LH 840004xxx99	100 = alumin. mill finish 150 = alumin. silver EV 1 157 = alumin. sim. satin stainless steel C 31 199 = alumin. special anodized 318 = similar EV 1 powder-coated 350 = traffic white 399 = special powder-coated colour
	track stamping 100 mm 840002xxx99 6 m	100 = alumin. mill finish 150 = alumin. silver EV 1 157 = alumin. sim. satin stainless steel C 31 199 = alumin. special anodized 318 = similar EV 1 powder-coated 350 = traffic white 399 = special powder-coated colour		L-module 90° 840014xxx99	100 = alumin. mill finish 150 = alumin. silver EV 1 157 = alumin. sim. satin stainless steel C 31 199 = alumin. special anodized 318 = similar EV 1 powder-coated 350 = traffic white 399 = special powder-coated colour		module 5 diversion 90° RH 840005xxx99	100 = alumin. mill finish 150 = alumin. silver EV 1 157 = alumin. sim. satin stainless steel C 31 199 = alumin. special anodized 318 = similar EV 1 powder-coated 350 = traffic white 399 = special powder-coated colour
	revision piece 840003xxx99	100 = alumin. mill finish 150 = alumin. silver EV 1 157 = alumin. sim. satin stainless steel C 31 199 = alumin. special anodized 318 = similar EV 1 powder-coated 350 = traffic white 399 = special powder-coated colour		reshuffle bypass LH 840016xxx99	100 = alumin. mill finish 150 = alumin. silver EV 1 157 = alumin. sim. satin stainless steel C 31 199 = alumin. special anodized 318 = similar EV 1 powder-coated 350 = traffic white 399 = special powder-coated colour		module 6 curved section 45° 840006xxx99	100 = alumin. mill finish 150 = alumin. silver EV 1 157 = alumin. sim. satin stainless steel C 31 199 = alumin. special anodized 318 = similar EV 1 powder-coated 350 = traffic white 399 = special powder-coated colour
	T-module 135° LH 840010xxx99	100 = alumin. mill finish 150 = alumin. silver EV 1 157 = alumin. sim. satin stainless steel C 31 199 = alumin. special anodized 318 = similar EV 1 powder-coated 350 = traffic white 399 = special powder-coated colour		reshuffle bypass RH 840017xxx99	100 = alumin. mill finish 150 = alumin. silver EV 1 157 = alumin. sim. satin stainless steel C 31 199 = alumin. special anodized 318 = similar EV 1 powder-coated 350 = traffic white 399 = special powder-coated colour		module 7 curved section 90° angled 840007xxx99	100 = alumin. mill finish 150 = alumin. silver EV 1 157 = alumin. sim. satin stainless steel C 31 199 = alumin. special anodized 318 = similar EV 1 powder-coated 350 = traffic white 399 = special powder-coated colour
	T-module 135° RH 840011xxx99	100 = alumin. mill finish 150 = alumin. silver EV 1 157 = alumin. sim. satin stainless steel C 31 199 = alumin. special anodized 318 = similar EV 1 powder-coated 350 = traffic white 399 = special powder-coated colour		module 8 curved section 90° curved 840008xxx99	100 = alumin. mill finish 150 = alumin. silver EV 1 157 = alumin. sim. satin stainless steel C 31 199 = alumin. special anodized 318 = similar EV 1 powder-coated 350 = traffic white 399 = special powder-coated colour		module 9 curved section 85° 840009xxx99	100 = alumin. mill finish 150 = alumin. silver EV 1 157 = alumin. sim. satin stainless steel C 31 199 = alumin. special anodized 318 = similar EV 1 powder-coated 350 = traffic white 399 = special powder-coated colour
	T-module 90° 840012xxx99	100 = alumin. mill finish 150 = alumin. silver EV 1 157 = alumin. sim. satin stainless steel C 31 199 = alumin. special anodized 318 = similar EV 1 powder-coated 350 = traffic white 399 = special powder-coated colour						

HSW EASY Safe

CAD drawn: DORMA GLAS GmbH Bad Salzuffen
format: A0, scale 1:1, 31.03.2015, S. Schmidt

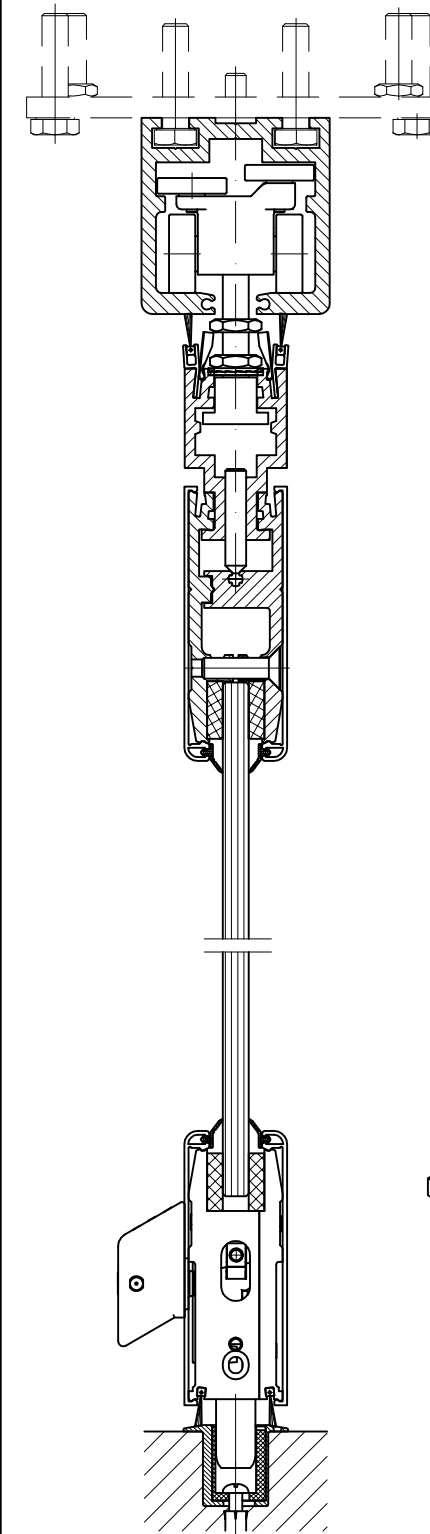


Illustration: section sliding panel without carrier profile

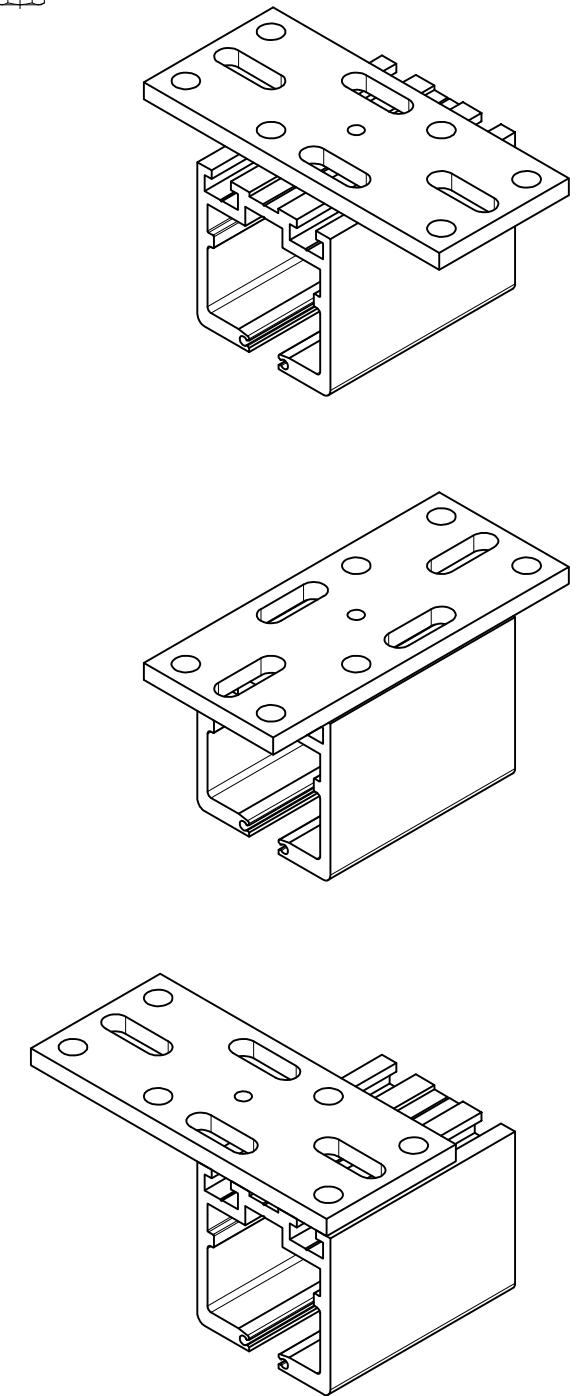


Vertical sealing profile

illustration	description	surface xxx
	840061xxx99 Vertical sealing profile standard	100 = alumin. mill finish 109 = alumin. black
	840066xxx99 Vertical sealing profile Multilock as lock	100 = alumin. mill finish 109 = alumin. black
	840064xxx99 Vertical sealing profile Multilock as face mounted slide bolt	100 = alumin. mill finish 109 = alumin. black
	840062xxx99 Vertical sealing profile Multilock as end mounted slide bolt	100 = alumin. mill finish 109 = alumin. black
	840063xxx99 Vertical sealing profile for fixed pin	100 = alumin. mill finish 109 = alumin. black
	840065xxx99 Vertical sealing profile for connection to end mounted slide bolt	100 = alumin. mill finish 109 = alumin. black
	840067xxx99 Set end cap 50 mm	100 = alumin. mill finish 109 = alumin. black



Suggestion for substructure (fixing material on site)



HSW EASY Safe-systems with following panels:
s/a - / d/a end panel, sliding panel and fixed panel can also usable without carrier profil. (s/a - and d/a sliding panel are excepting).

illustration	description	drawing for planning (in 3 views)
	84005700140 Adapter plate for substructure	