

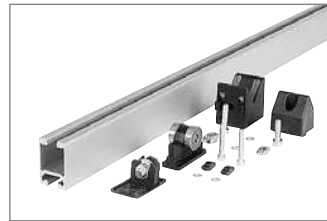
Elements for manual movement



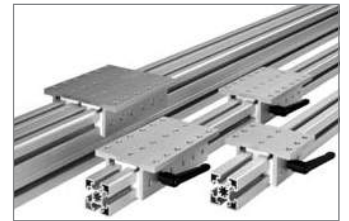
Slide hangers, spring hooks
(p. 12-2)



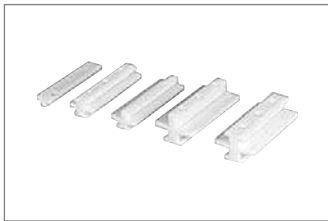
Sliders for surface element
(p. 12-3)



Components for sliding door
(p. 12-4)



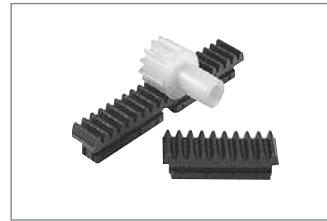
EcoSlide (p. 12-6)



Sliders for profiles (p. 12-13)



Support rollers (p. 12-17)



Rack, pinion (p. 12-18)



Conveyor track Lean (p. 12-20)



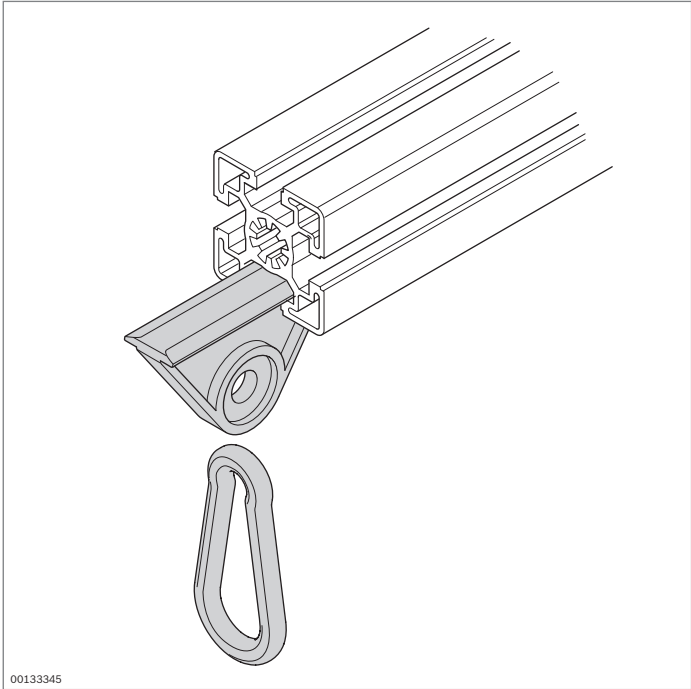
Conveyor track XLean
(p. 12-25)



EcoFlow conveyor track
(p. 12-28)



Profiles for installing
conveyor media (p. 12-34)



Slide hanger
Spring hook



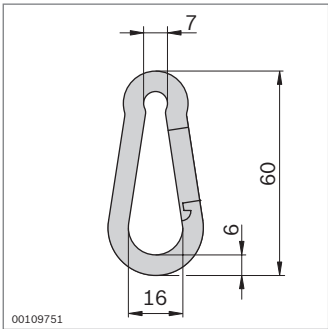
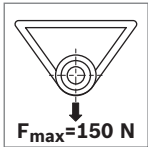
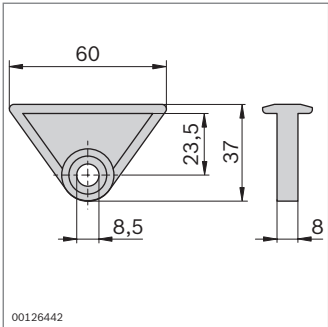
Slide hanger

- ▶ Slide hanger as an inexpensive solution for sliding tool hangers
- ▶ Maximum load: 150 N
- ▶ Guide in the 10 mm profile slot
- ▶ Sliding block can be used as a stopper

Accessories: Sliding block as stopper (p. 3-9)

Spring hook

- ▶ Spring hook for fastening tools to the slide hanger:
 - Quick and easy to change

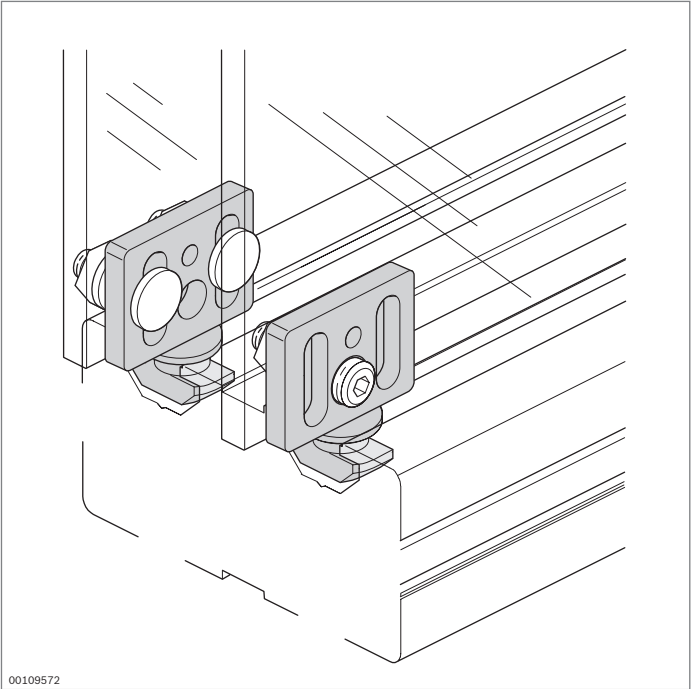


Slide hanger	No.
	3 842 218 953

Material: POM; natural

Spring hook	No.
	0 842 901 309

Material: steel; galvanized



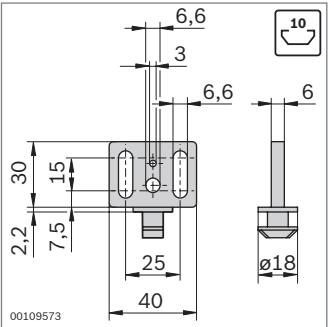
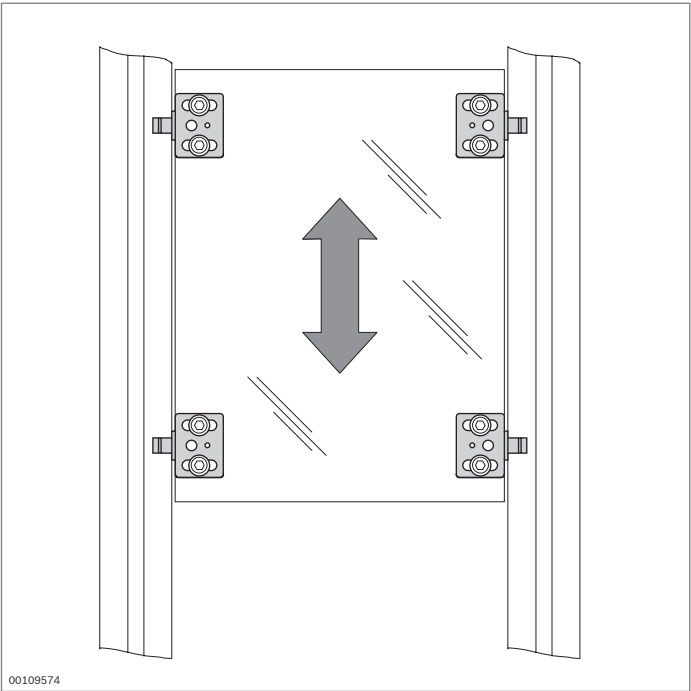
Slider for surface elements



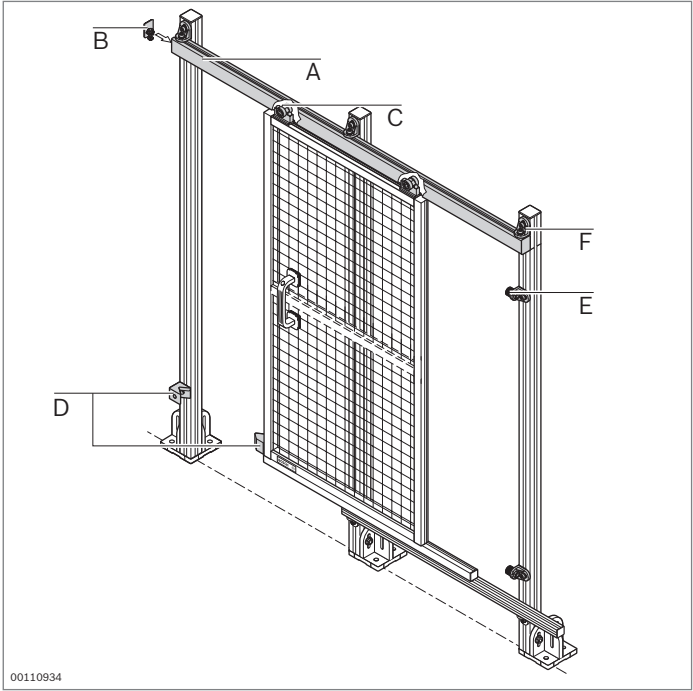
- For the construction of sliding and lifting doors
- Good functional reliability
- For any thickness of the surface element or aluminum profile frame

Accessories, required:
screws and nuts/sliding blocks for fastening the surface elements

Accessories, optional:
counterbalance in the case of lifting doors (see p. 9-2)

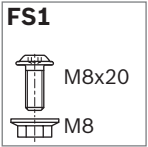
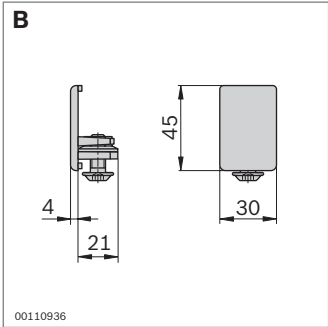


Slider		No.
	10	3 842 530 303
Material:	POM; black	



A
 $A = 4,4 \text{ cm}^2$
 $I_x = 10,3 \text{ cm}^4$
 $I_y = 5,6 \text{ cm}^4$
 $W_x = 4,2 \text{ cm}^3$
 $W_y = 3,7 \text{ cm}^3$
 $m = 1,2 \text{ kg/m}$

30348



Components for sliding door



- Components for constructing sliding doors of different dimensions

- Profile rail for trolley suspension

Profile rail	L (mm)	No.
1 pc	40 ... 5600	3 842 992 946 / L
20 pcs	5600	3 842 523 598
1 pc	5600	3 842 523 599

Material: Aluminum, natural, anodized

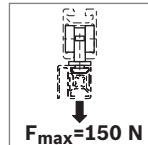
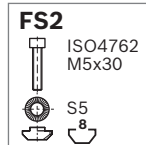
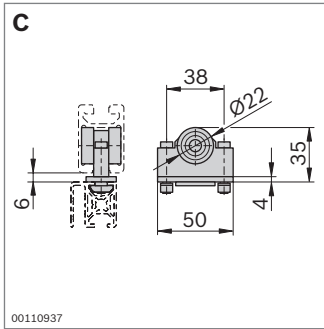
Accessories: Bracket set R28x38 for fastening to strut profiles with 10 mm slot (p. 12-5)

- Profile rail end piece for use as cover cap with stop
- With screw protection

End piece	No.	FS
20	3 842 521 513	FS1

Material: End piece: PA; black
Fastening material: steel, galvanized

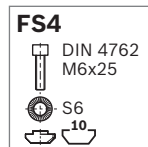
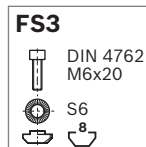
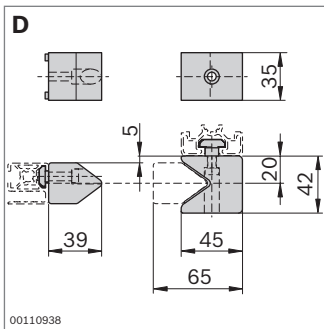
Scope of delivery: Incl. fastening material (FS)



- Trolley with dust-proof ball bearings for smooth sliding motion

Trolley	No.	FS
	3 842 524 153	2xFS2

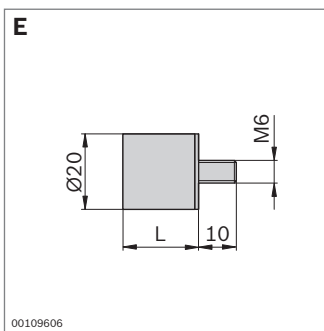
Material: PA, black / steel, galvanized
Fastening material: steel, galvanized
Scope of delivery: Incl. fastening material (FS)



- Stop kit for damped closing of the sliding door

Stop kit	No.	FS
	3 842 524 490	FS3, FS4

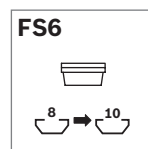
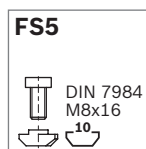
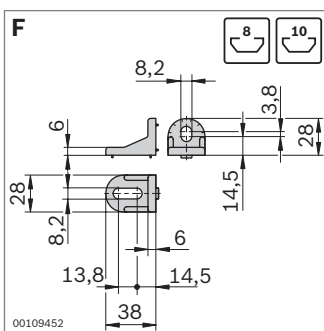
Material: PA, black
fastening material: steel, galvanized
Scope of delivery: Incl. fastening material (FS)



- Bumper for a damped stop

Bump stop	L (mm)	No.
	20	10 3 842 510 462

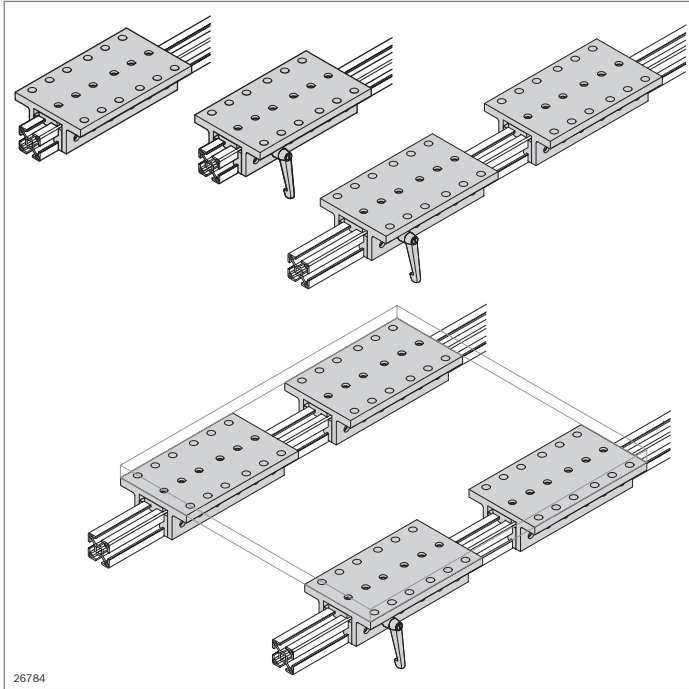
Material: Rubber; hardness 55° shore A
Accessories: Bracket set R28x38 for fastening to strut profiles with 10 mm slot



- Bracket for fastening the profile rail to strut profiles with 10 mm slot

Bracket set	Slot	ESD	No.	FS
R28x38 set (standard)	10 / 10		3 842 521 580	2xFS5, 4xFS6

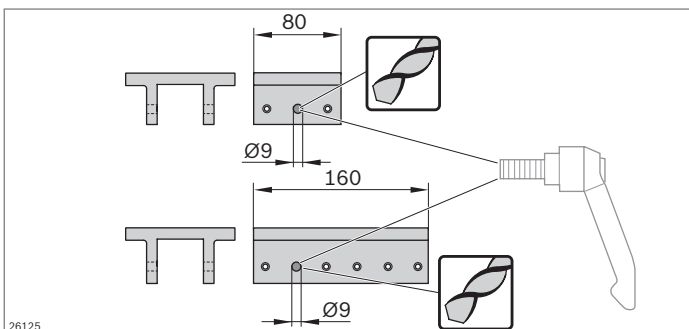
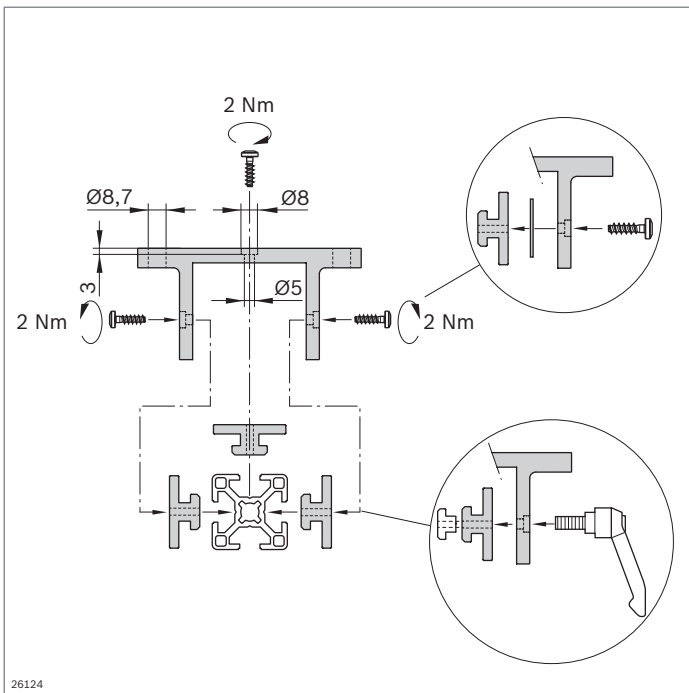
Material: Diecast zinc
Fastening material: steel, galvanized
Scope of delivery: Incl. fastening material (FS)



EcoSlide

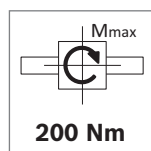
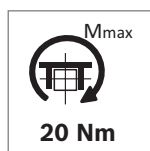
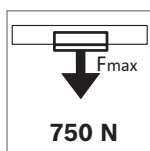
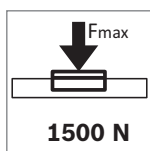
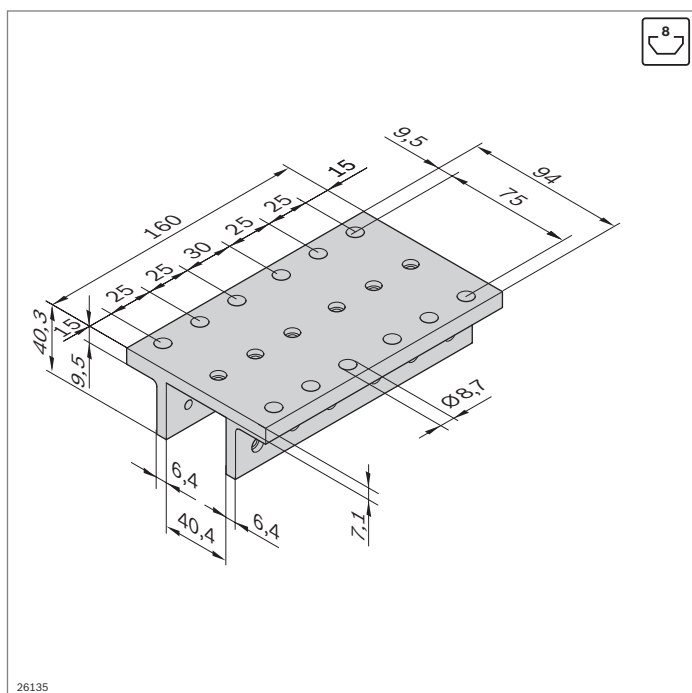
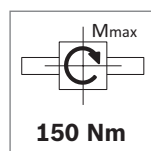
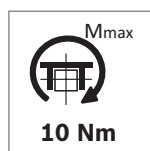
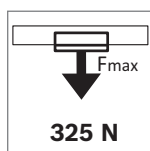
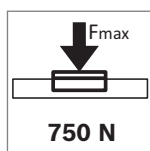
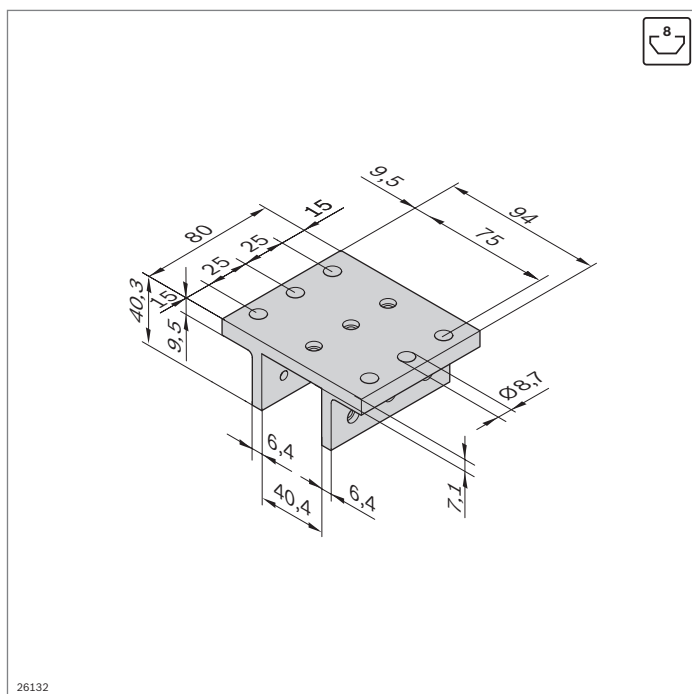


- Economical linear sliding carriage for horizontal applications
- Runs on sliders for maximal load capacity
- Slider with low moisture absorption, suitable for rough usage conditions
- Available for profile widths of 30/45/60/90
- Clamping lever (optional) for arresting in any position
- Easy to assemble
- Spacer washer for tolerance adjustment (carriage/profile)



Machining tip

To install the clamping lever, the corresponding 9 mm hole must be drilled in the trolley.



EcoSlide 30x30x80

- ▶ For use with profile width 30 mm
- ▶ Maximum sliding speed: 12 m/min

Trolley 30x30x80		No.
	1	8 981 535 476

Material: aluminum, anodized

Accessories

		No.			Page
			Qty.	Qty.	
Slider, groove 8 mm flat	10	3 842 523 212	3	2	12-13
Slider, groove 8 mm flat lockable	1	3 842 552 423	—	1	12-11
Spacer washer, slot 8 mm	4	8 981 535 891	X ¹⁾	X ¹⁾	12-12
Screw W1451 - 3.5x14 - 10.9	10	3 842 552 421	9	8	12-12
Clamping lever, 20 mm	1	3 842 516 846	—	1	4-12
Sliding block, slot 8 mm; M8	100	3 842 514 931 	—	1	3-9

1) If required

EcoSlide 30x30x160

- ▶ For use with profile width 30 mm
- ▶ Maximum sliding speed: 12 m/min

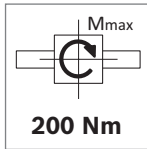
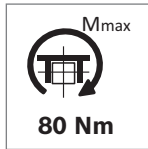
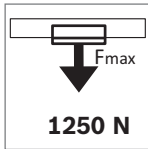
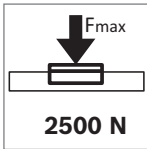
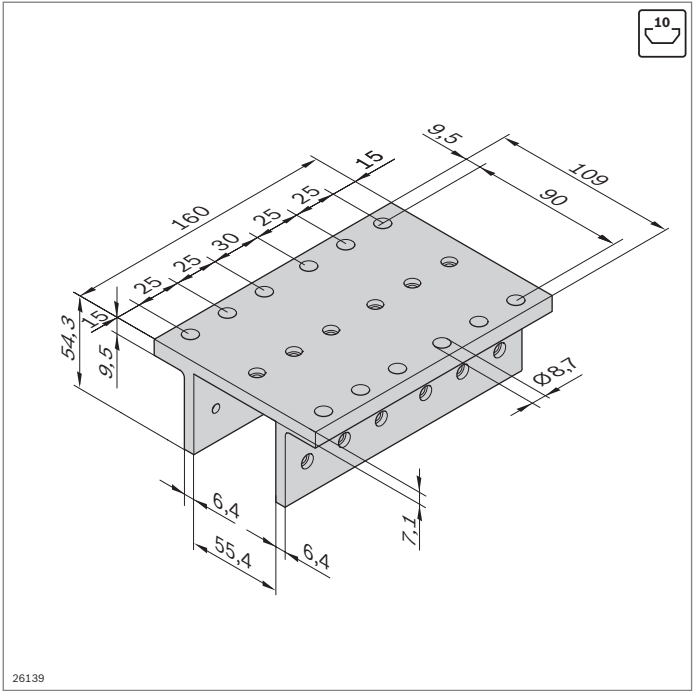
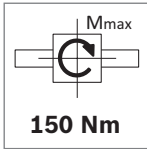
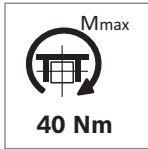
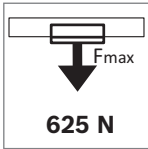
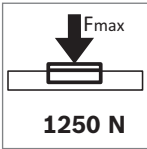
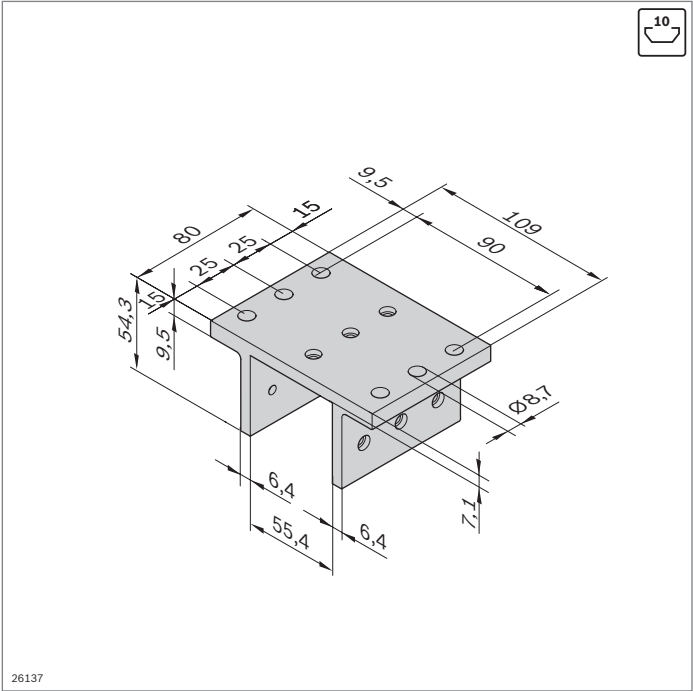
Trolley 30x30x160		No.
	1	8 981 535 477

Material: Aluminum, anodized

Accessories

		No.			Page
			Qty.	Qty.	
Slider, groove 8 mm flat	10	3 842 523 212	6	5	12-13
Slider, groove 8 mm flat lockable	1	3 842 552 423	—	1	12-11
Spacer washer, slot 8 mm	4	8 981 535 891	X ¹⁾	X ¹⁾	12-12
Screw W1451 - 3.5x14 - 10.9	10	3 842 552 421	18	17	12-12
Clamping lever, 20 mm	1	3 842 516 846	—	1	4-12
Sliding block, slot 8 mm; M8	100	3 842 514 931 	—	1	3-9

1) If required



EcoSlide 45x45x80

- For use with profile width 45 mm
- Maximum sliding speed: 12 m/min

Trolley 45x45x80	No.
	1 8 981 535 323

Material: aluminum, anodized

Accessories

	No.		Qty.	Qty.	Page
Slider, slot 10 mm flat	10 3 842 530 329		3	2	12-13
Slider, slot 10 mm flat lockable	1 3 842 552 424		—	1	12-11
Spacer washer, slot 10 mm	4 8 981 535 890		X ¹⁾	X ¹⁾	12-12
Screw W1452 - 4x18 - 10.9	10 3 842 552 422		9	8	12-12
Clamping lever, 20 mm	1 3 842 516 846		—	1	4-12
Sliding block, slot 10 mm; M8	100 3 842 528 735		—	1	3-9

¹⁾ If required

EcoSlide 45x45x160

- For use with profile width 45 mm
- Maximum sliding speed: 12 m/min

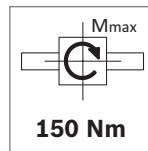
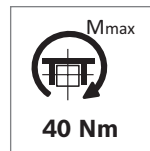
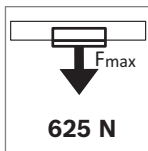
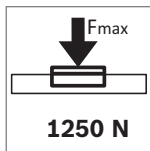
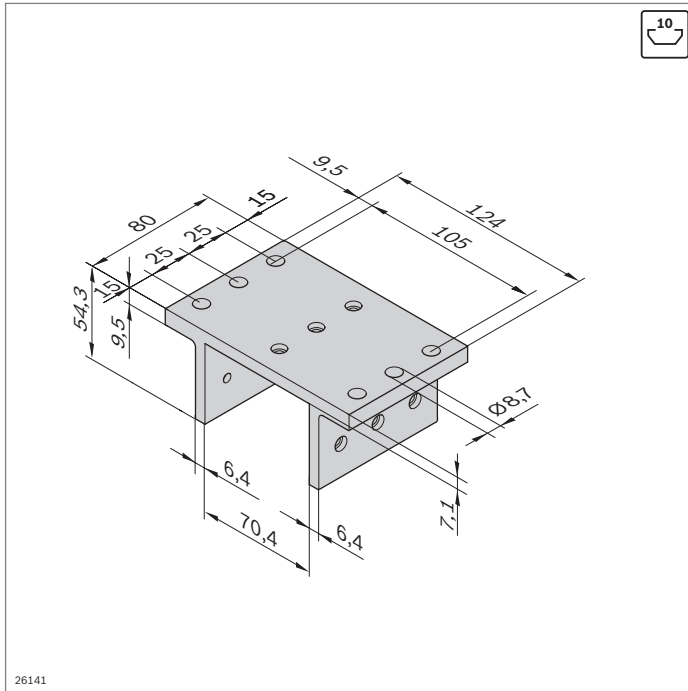
Trolley 45x45x160	No.
	1 8 981 535 324

Material: Aluminum, anodized

Accessories

	No.		Qty.	Qty.	Page
Slider, slot 10 mm flat	10 3 842 530 329		6	5	12-13
Slider, slot 10 mm flat lockable	1 3 842 552 424		—	1	12-11
Spacer washer, slot 10 mm	4 8 981 535 890		X ¹⁾	X ¹⁾	12-12
Screw W1452 - 4x18 - 10.9	10 3 842 552 422		18	17	12-12
Clamping lever, 20 mm	1 3 842 516 846		—	1	4-12
Sliding block, slot 10 mm; M8	100 3 842 528 735		—	1	3-9

¹⁾ If required



EcoSlide 45x60x80

- For use with profile width 60 mm
- Maximum sliding speed: 12 m/min

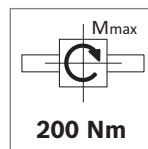
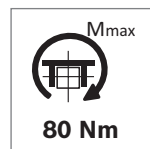
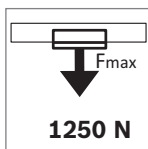
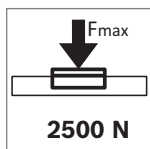
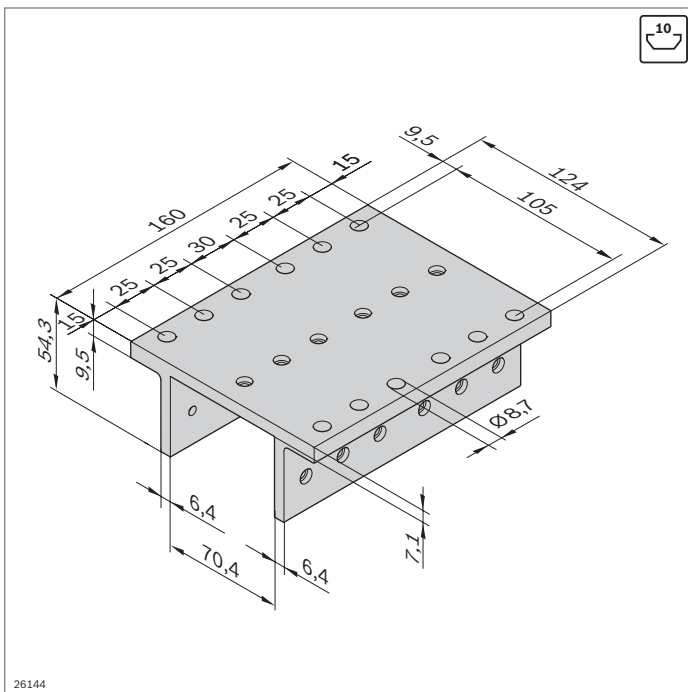
Trolley 45x60x80	No.
	1 8 981 535 478

Material: aluminum, anodized

Accessories

	No.		Page
		Qty.	Qty.
Slider, slot 10 mm flat	10 3 842 530 329	3	2
Slider, slot 10 mm flat lockable	1 3 842 552 424	—	1
Spacer washer, slot 10 mm	4 8 981 535 890	X ¹⁾	X ¹⁾
Screw W1452 - 4x18 - 10.9	10 3 842 552 422	9	8
Clamping lever, 20 mm	1 3 842 516 846	—	1
Sliding block, slot 10 mm; M8	100 3 842 528 735	—	1

¹⁾ If required



EcoSlide 45x60x160

- For use with profile width 60 mm
- Maximum sliding speed: 12 m/min

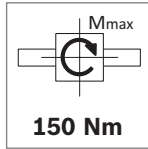
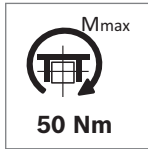
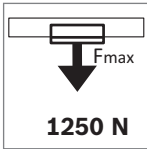
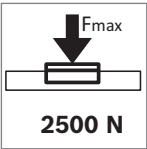
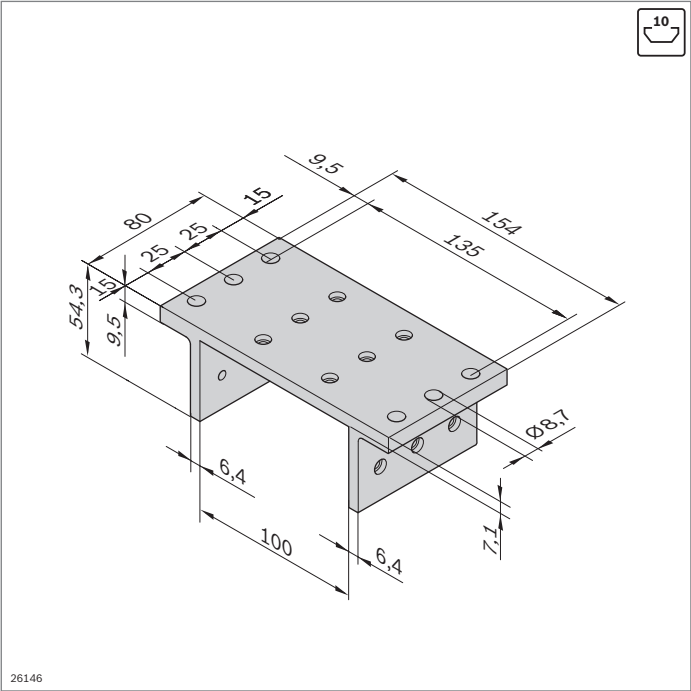
Trolley 45x60x160	No.
	1 8 981 535 479

Material: Aluminum, anodized

Accessories

	No.		Page
		Qty.	Qty.
Slider, slot 10 mm flat	10 3 842 530 329	6	5
Slider, slot 10 mm flat lockable	1 3 842 552 424	—	1
Spacer washer, slot 10 mm	4 8 981 535 890	X ¹⁾	X ¹⁾
Screw W1452 - 4x18 - 10.9	10 3 842 552 422	18	17
Clamping lever, 20 mm	1 3 842 516 846	—	1
Sliding block, slot 10 mm; M8	100 3 842 528 735	—	1

¹⁾ If required



EcoSlide 45x90x80

- For use with profile width 90 mm
- Maximum sliding speed: 12 m/min

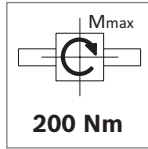
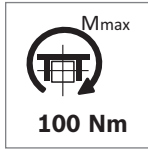
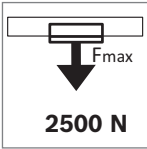
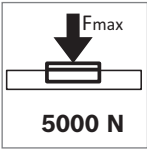
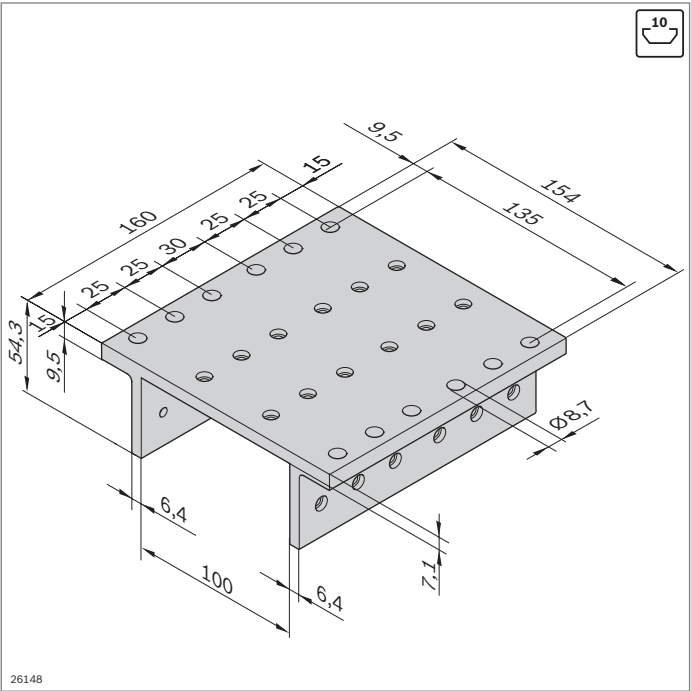
Trolley 45x90x80	No.
	1 8 981 535 325

Material: Aluminum, anodized

Accessories

	No.		Qty.	Qty.	Page
Slider, slot 10 mm flat	10 3 842 530 329		4	3	12-13
Slider, slot 10 mm flat lockable	1 3 842 552 424		—	1	12-11
Spacer washer, slot 10 mm	4 8 981 535 890		X ¹⁾	X ¹⁾	12-12
Screw W1452 - 4x18 - 10.9	10 3 842 552 422		12	11	12-12
Clamping lever, 20 mm	1 3 842 516 846		—	1	4-12
Sliding block, slot 10 mm; M8	100 3 842 528 735		—	1	3-9

1) If required



EcoSlide 45x90x160

- For use with profile width 90 mm
- Maximum sliding speed: 12 m/min

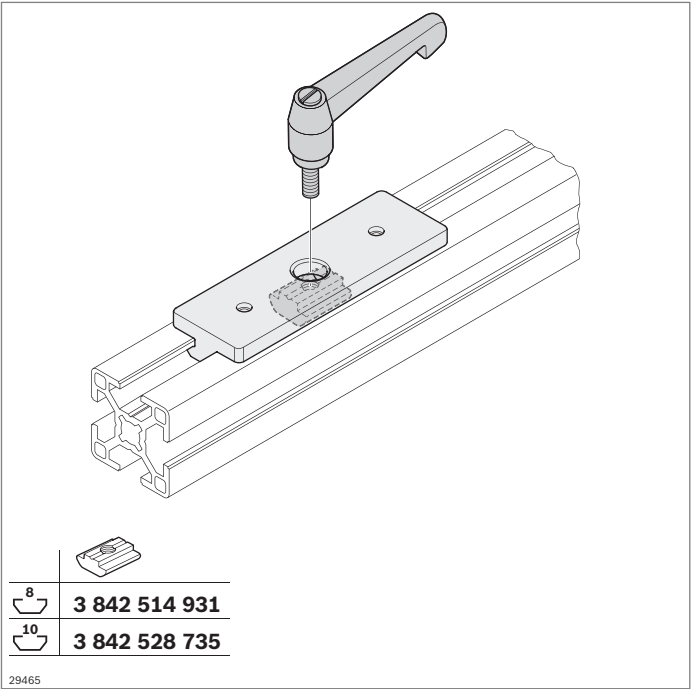
Trolley 45x90x160	No.
	1 8 981 535 326

Material: Aluminum, anodized

Accessories

	No.		Qty.	Qty.	Page
Slider, slot 10 mm flat	10 3 842 530 329		8	7	12-13
Slider, slot 10 mm flat lockable	1 3 842 552 424		—	1	12-11
Spacer washer, slot 10 mm	4 8 981 535 890		X ¹⁾	X ¹⁾	12-12
Screw W1452 - 4x18 - 10.9	10 3 842 552 422		24	23	12-12
Clamping lever, 20 mm	1 3 842 516 846		—	1	4-12
Sliding block, slot 10 mm; M8	100 3 842 528 735		—	1	3-9

1) If required



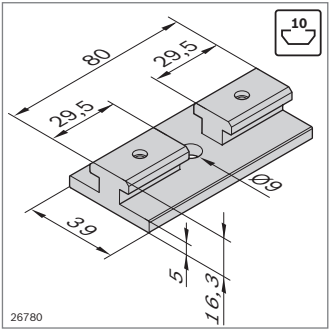
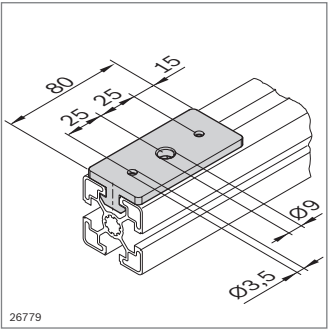
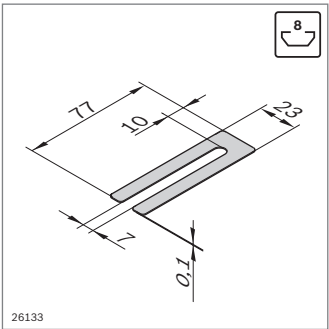
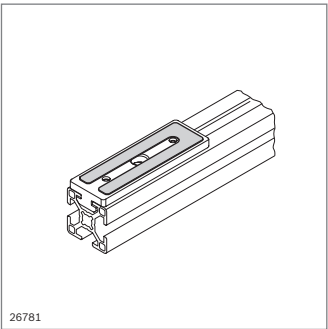
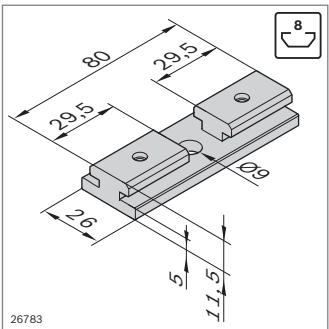
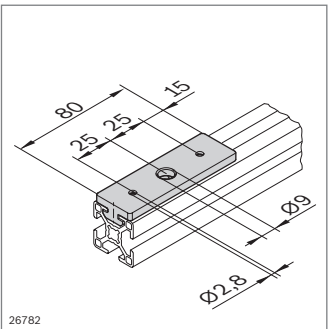
Slider, flat lockable



- Suitable for clamping using a sliding block and a clamping lever
- For constructing low-wear guides

Accessories:

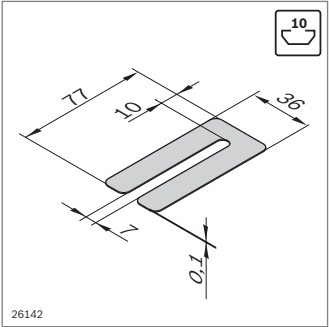
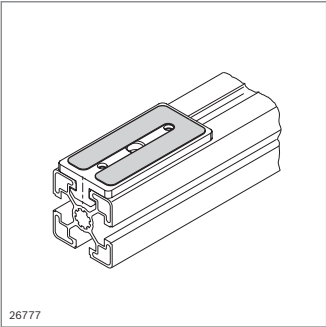
Sliding blocks (p. 3-9)



Slider, flat lockable	Slot		No.
	8	1	3 842 552 423
Material:	POM; natural		
Accessories:	Sliding block, T-nut, slot 8 (M8), 3 842 514 931, p. 3-9		

Spacer washer	Slot		No.
77x23	8	4	8 981 535 891
Material:	Steel, plain		

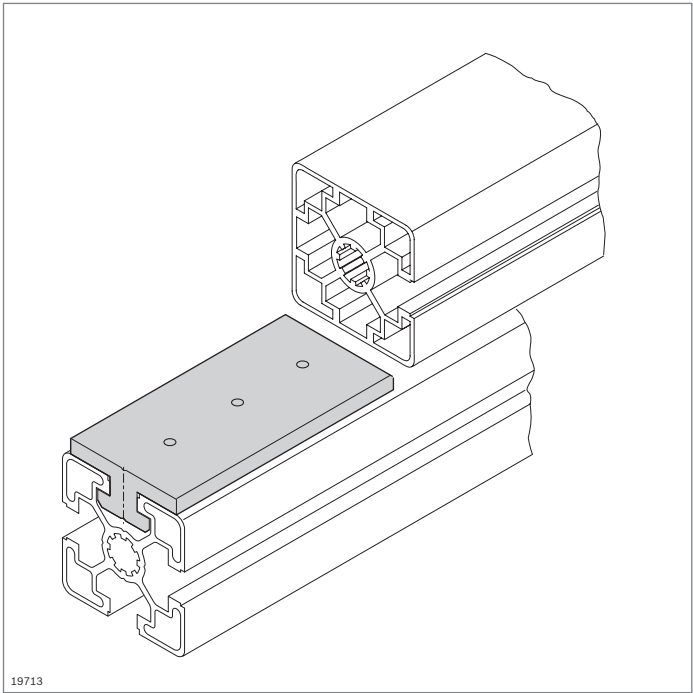
Slider, flat lockable	Slot		No.
	10	1	3 842 552 424
Material:	POM; natural		
Accessories:	Sliding block, T-nut, slot 10 (M8), 3 842 528 735, p. 3-9		



Spacer washer	Slot		No.
77x36	10	4	8 981 535 890
Material: Steel, plain			



Plastic self-tapping screw	Slot		No.
W1451 - 3.5x14 - 10.9	8	10	3 842 552 421
W1452 - 4x18 - 10.9	10	10	3 842 552 422
Material: Steel, galvanized			



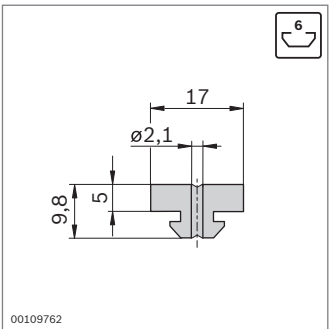
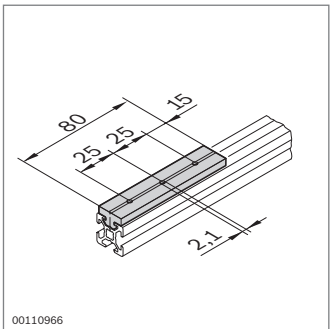
Slider for profiles



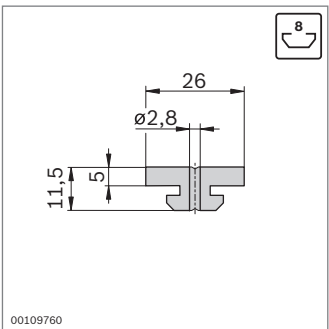
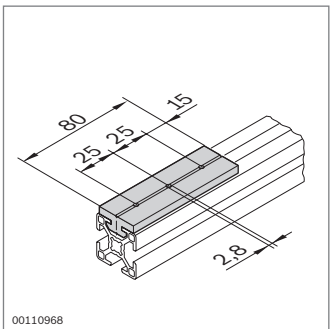
Slider

- For the construction of low-wear guides, e.g. for manual sliding and sliding and lifting doors, as well as drawer slides

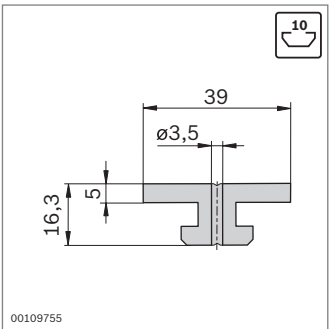
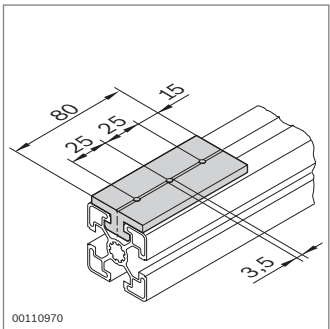
Accessories, optional:
Sheet metal screws for fastening the slider in a profile slot



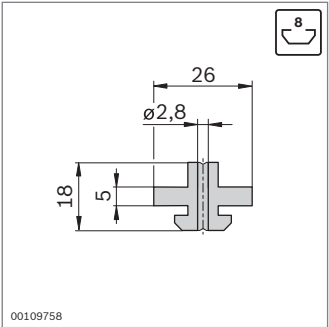
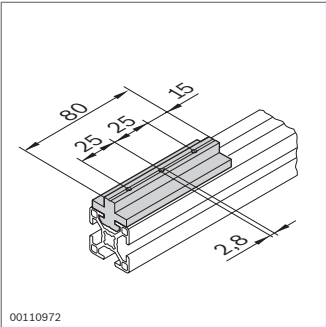
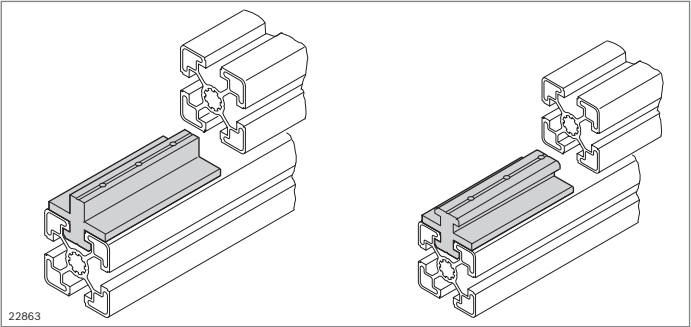
Slider, flat	No.
10	3 842 523 213
Material:	POM; natural



Slider, flat	No.
10	3 842 523 212
Material:	POM; natural

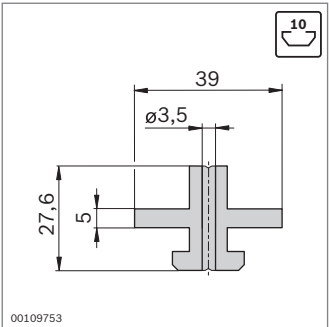
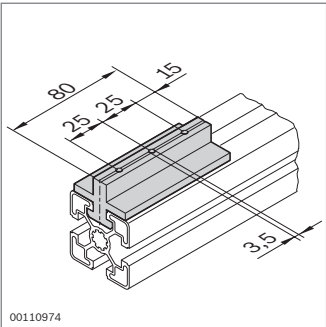


Slider, flat	No.
10	3 842 530 329
Material:	POM; natural



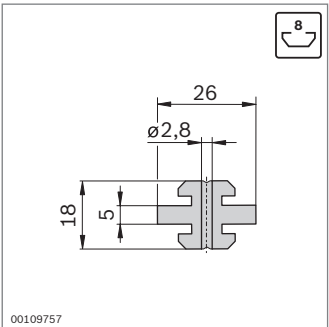
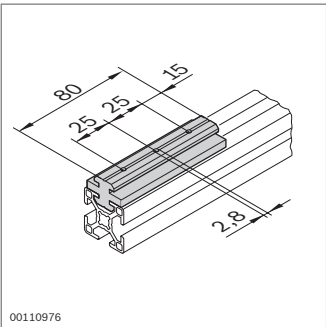
Slider, center	No.
10	3 842 523 210

Material: POM; natural



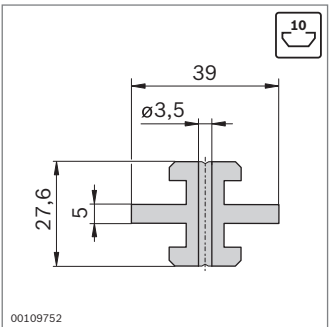
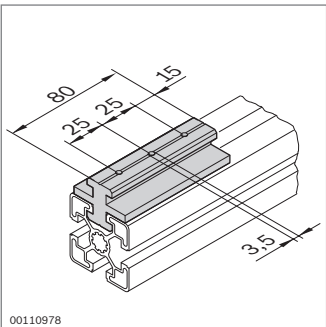
Slider, center	No.
10	3 842 523 206

Material: POM; natural



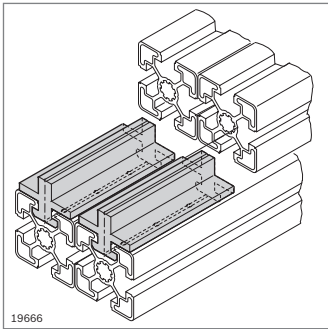
Slider, center	No.
10	3 842 523 209

Material: POM; natural



Slider, center	No.
10	3 842 523 205

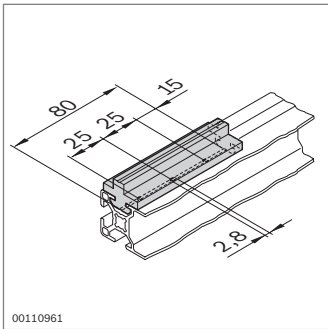
Material: POM; natural



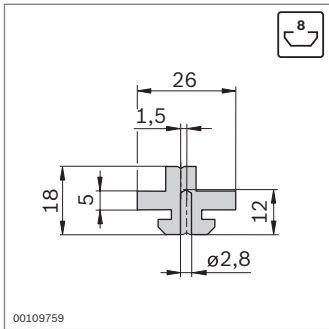
19666

Offset sliders

► For constructing multiple sliding doors

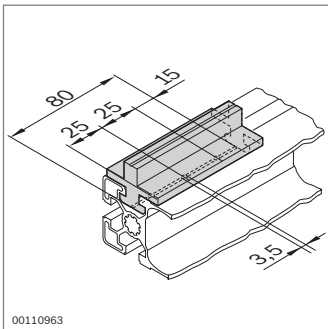


00110961

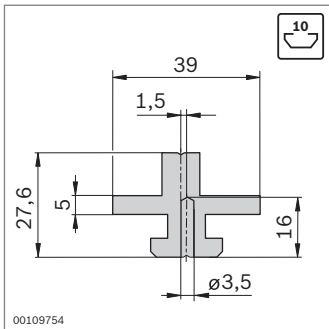


00109759

Slider, offset		No.	
		10	3 842 523 211
Material:		POM; natural	

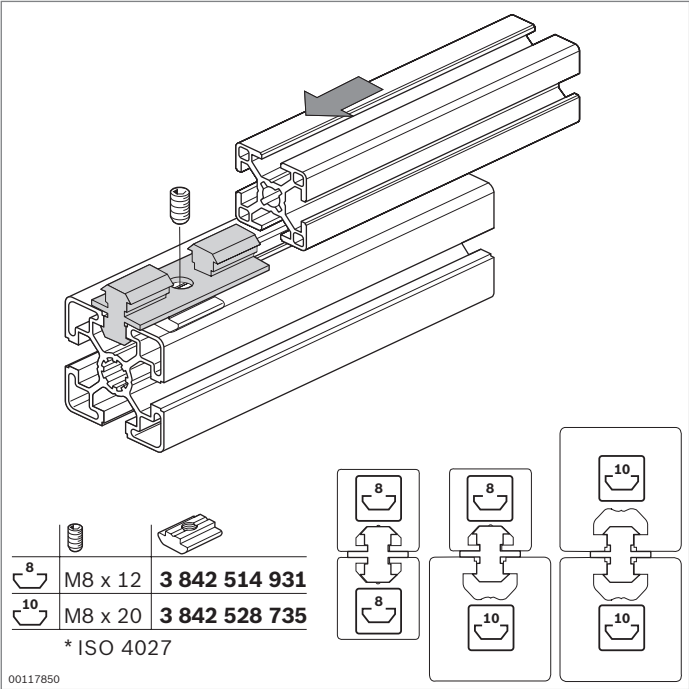


00110963



00109754

Slider, offset		No.	
		10	3 842 523 207
Material:		POM; natural	

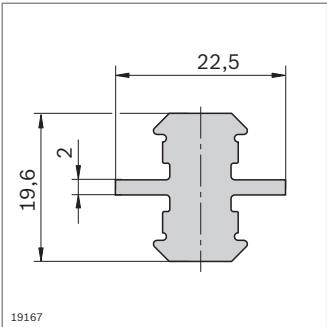
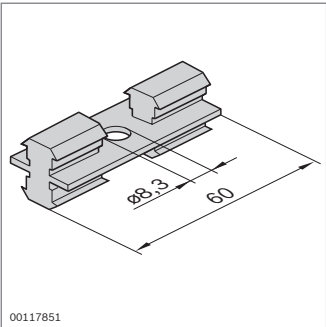


Multi-slider

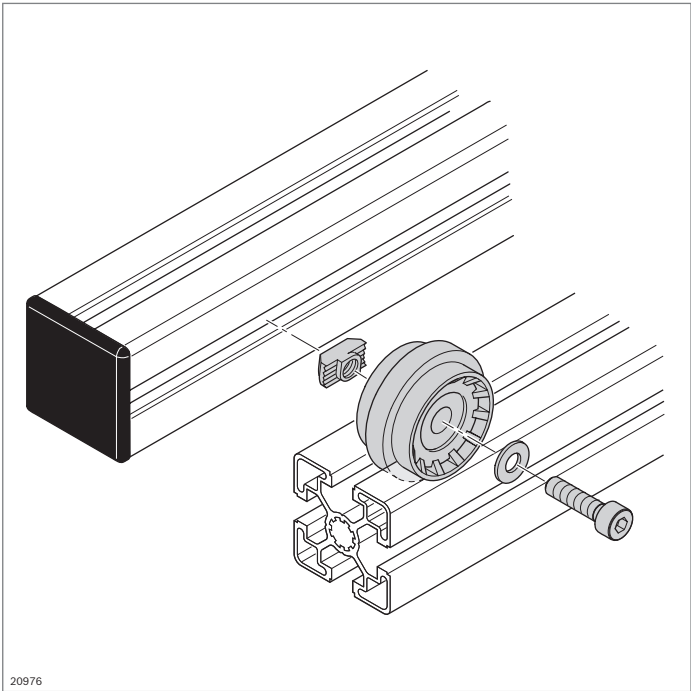


- Multi-slider for constructing low-wear guides
- Suitable for all profiles with 8 mm and 10 mm slot widths
- Combination of profiles with different slot widths possible

Accessories:
grub screws (ISO 4027) and sliding blocks (p. 3-9) for fastening the slider in the profile slot



Multi-slider 8/10		No.
	10	3 842 513 517
Material:		POM; natural

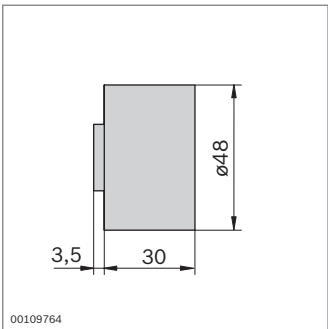


20976

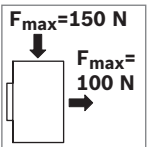
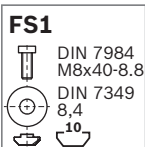
Support rollers



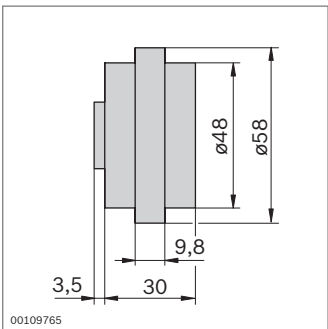
- ▶ Support roller for constructing trolleys or roller sections
- ▶ Mounted on profiles with 10 mm slot
- ▶ Good running characteristics thanks to deep-groove ball bearing with large diameter
- ▶ Support roller with rim can be guided in 10 mm slot
- ▶ ESD-conductive



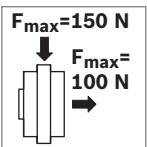
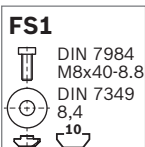
00109764



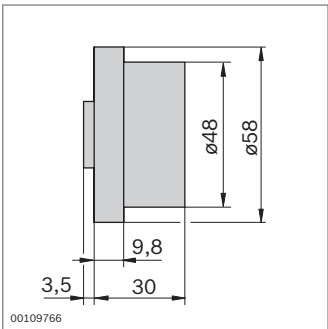
Support roller	No.	FS
	10	3 842 218 942 FS1
Material:	Vestamid; black	
Fastening material:	steel, galvanized	
Scope of delivery:	Incl. fastening material (FS)	



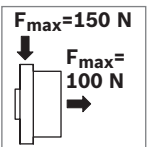
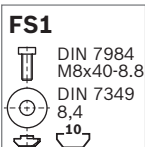
00109765



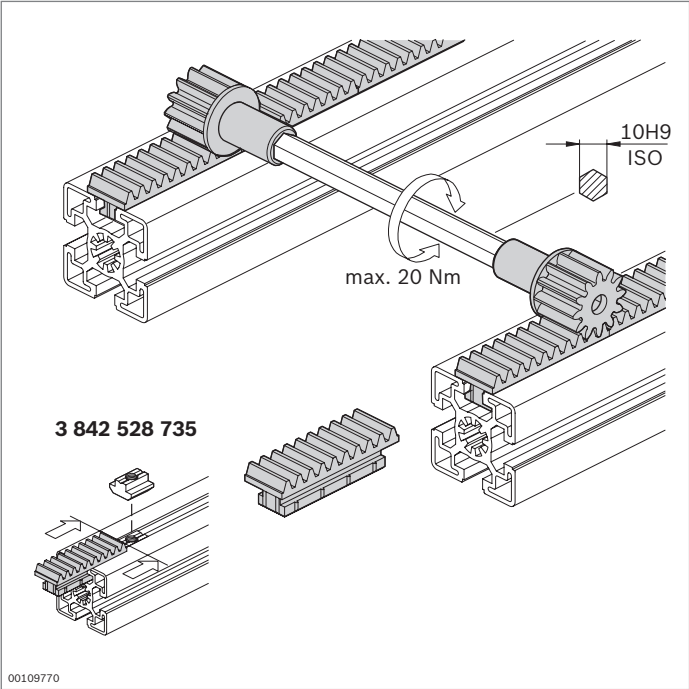
Support rollers with center rim	No.	FS
	10	3 842 218 940 FS1
Material:	Vestamid; black	
Fastening material:	steel, galvanized	
Scope of delivery:	Incl. fastening material (FS)	



00109766



Support rollers with side rim	No.	FS
	10	3 842 218 941 FS1
Material:	Vestamid; black	
Fastening material:	steel, galvanized	
Scope of delivery:	Incl. fastening material (FS)	



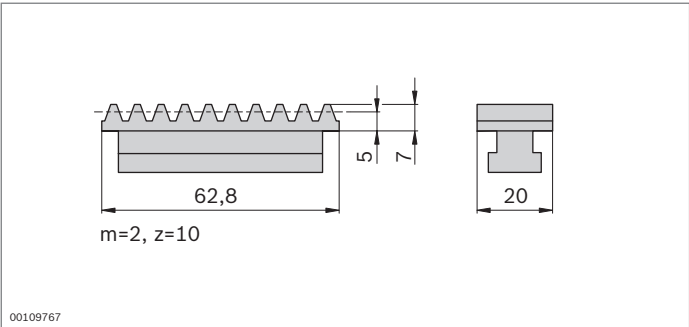
**Rack
Pinion**



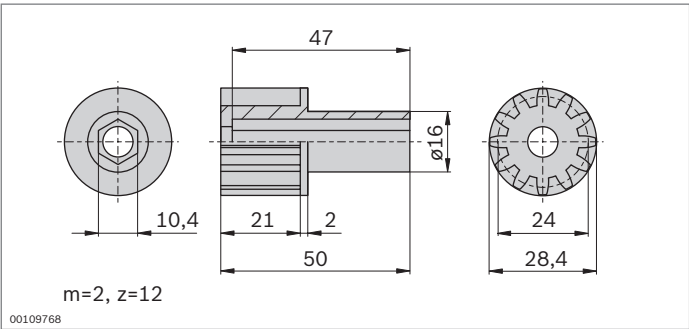
- For constructing synchronous shafts to prevent tilting in the case of large guide widths

Accessories, required:

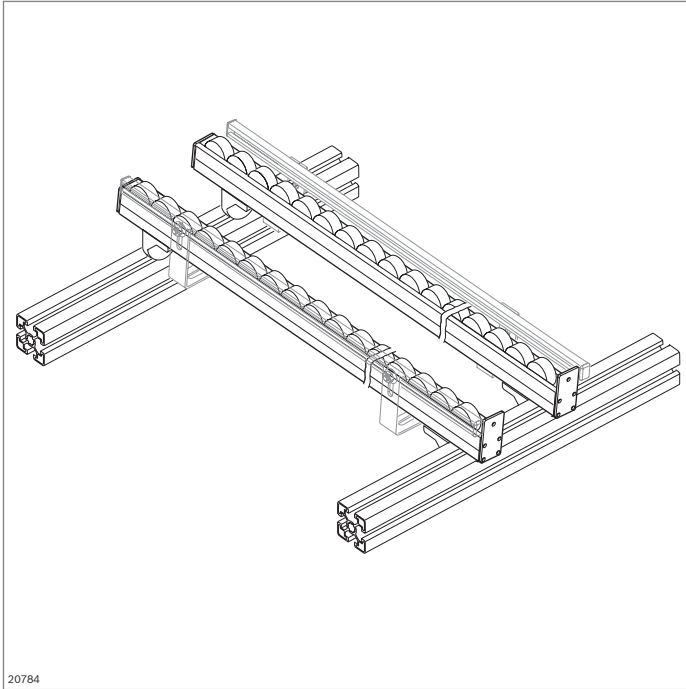
- standard commercially available hexagonal shaft 10H9
- sliding block for securing the rack in the slot (p. 3-9)



Rack	No.
Material: PA; black	10 3 842 501 578



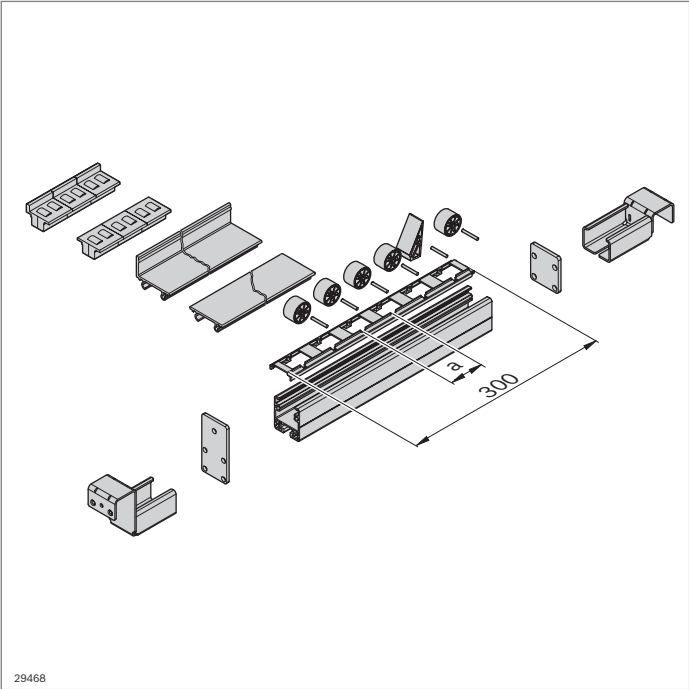
Pinion	No.
Material: POM, white	3 842 501 576



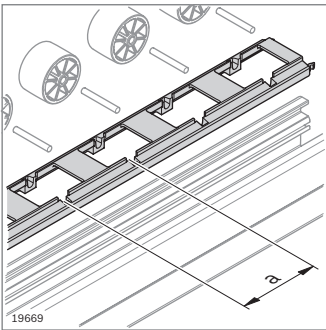
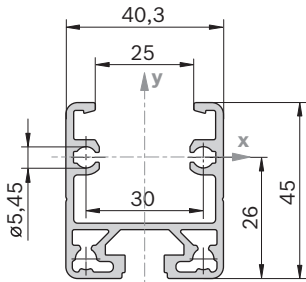
20784

Elements for the construction of conveyor sections

- ▶ Assembly elements for constructing manual conveyor sections
- ▶ Various clip-in conveyor media, with and without lateral guide
- ▶ Standard slots as attachment interface
- ▶ EcoFlow for manual linking of workstations



U-profile
A = 4,4 cm²
I_x = 10,3 cm⁴
I_y = 8,3 cm⁴
W_x = 4,6 cm³
W_y = 4,1 cm³
m = 1,2 kg/m



Conveyor track Lean



- Components for constructing manual conveyor sections
- Based on multi-functional U-profile
- Clip-in conveyor elements for all requirements:
 - rollers with or without flange; 4 colors to visually identify inventories (kanban) or to differentiate between good and reject parts
 - Slide rails with or without integrated lateral guide (GSSK, GS)
 - roller elements with and without flange (RE45SK, RE45)

Accessories:
Round tube D28 (p. 2-72)

- U-profile with 10 mm slot

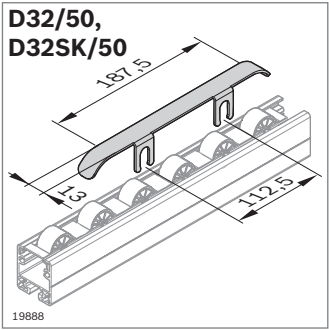
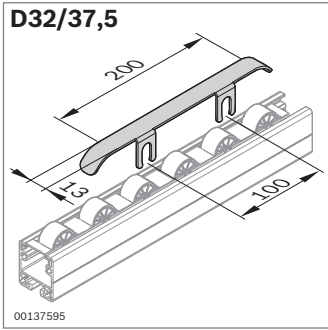
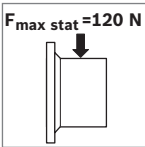
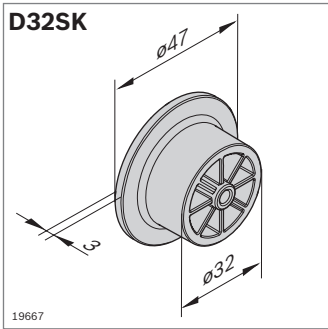
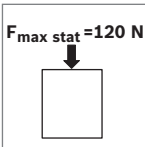
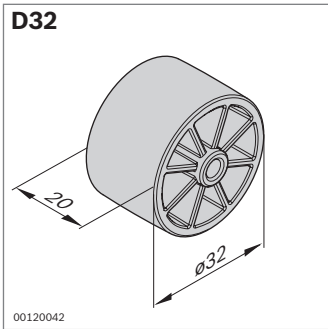
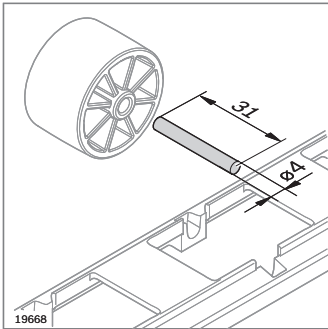
U-profile	Slot	L (mm)	ESD	No.
1 pc	10	30 ... 6000		3 842 993 316 / L
20 pcs	10	6070		3 842 535 115
1 pc	10	30 ... 6000		3 842 995 027 / L
20 pcs	10	6070		3 842 541 814
1 pc	10	6070		3 842 541 813
1 pc	10	6070		3 842 535 116

Material: U-profile: aluminum, anodized
U-profile ESD: aluminum, untreated

- Roller carrier for rollers D32 and D32SK (p. 12-21)

Roller carrier	a (mm)	ESD	No.
D32/37.5	37.5		20 3 842 537 944
			20 3 842 537 945
D32/50	50		20 3 842 532 887
			20 3 842 538 094
D 32SK/50	50		20 3 842 532 886
			20 3 842 537 947

Material: ABS



► Steel axis for rollers D32, D32SK

Steel axis	ESD	No.
	100	3 842 532 862
Material:	Steel, stainless	

Roller	ESD	No.
D32	black	100 3 842 532 865
		100 3 842 537 961
	red	100 3 842 532 866
		100 3 842 537 960
	yellow	100 3 842 532 870
		100 3 842 537 959
green		100 3 842 532 752
		100 3 842 537 958

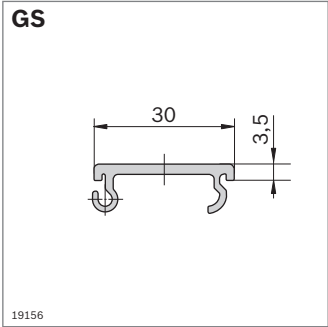
Material: PE, colored / ESD made of PA, colored

Roller	ESD	No.
D32SK	black	100 3 842 532 867
		100 3 842 537 965
	red	100 3 842 532 883
		100 3 842 537 964
	yellow	100 3 842 532 884
		100 3 842 537 963
green		100 3 842 532 880
		100 3 842 537 962

Material: PE, colored / ESD made of PA, colored

Brake	ESD	No.
D32/37.5		20 3 842 537 948
D32/50, D32SK/50		20 3 842 532 881

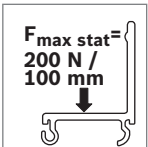
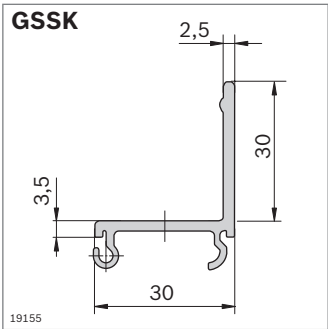
Material: Steel, galvanized



- Slide rail GS for constructing conveyor tracks with large gradients
- Slide rail for use with heavy containers

Slider rail	L (mm)	ESD	No.
GS	3000	20	3 842 535 124
	3000	20	3 842 537 803

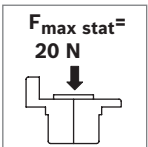
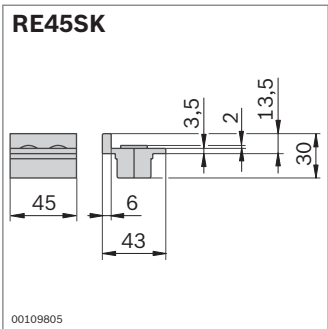
Material: PVC, gray / ESD in black



- Slide rail with lateral guide GSSK for constructing conveyor tracks with large gradients
- Slide rail for use with heavy containers

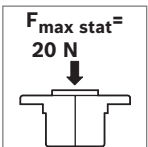
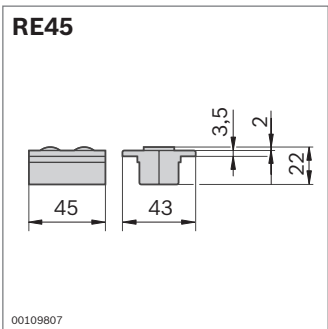
Slider rail	L (mm)	ESD	No.
GSSK	3000	20	3 842 537 806
	3000	20	3 842 537 807

Material: PVC, gray / ESD in black



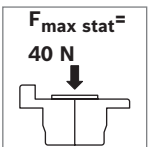
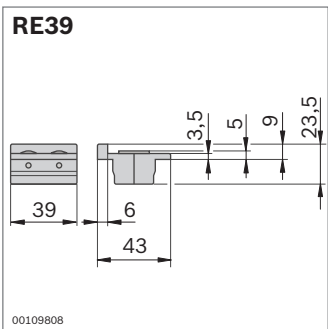
Roller element	ESD	No.
RE45SK	100	3 842 319 500
	100	3 842 538 065

Material: PA; black



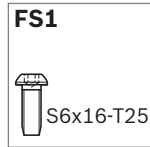
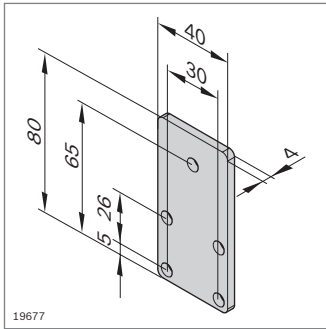
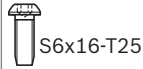
Roller element	ESD	No.
RE45	100	3 842 319 501
	100	3 842 538 064

Material: PA; black

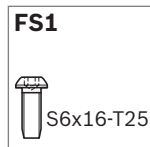
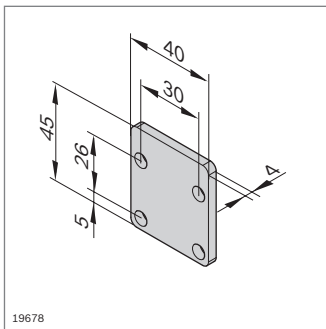
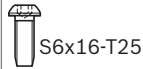


Roller element	ESD	No.
RE39	10	3 842 520 000
	10	3 842 538 245

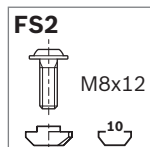
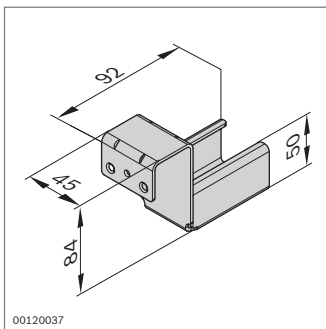
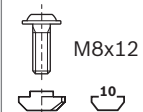
Material: PA; black


FS1


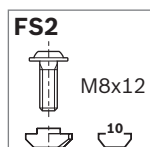
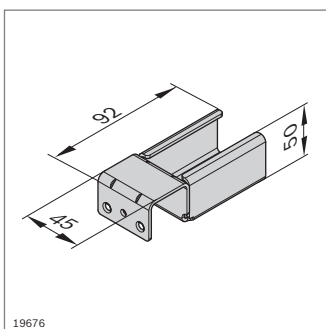
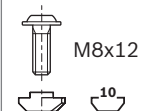
S6x16-T25


FS1


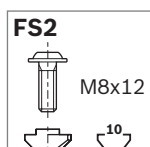
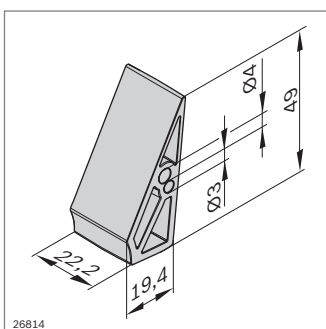
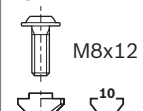
S6x16-T25


FS2


M8x12


FS2


M8x12


FS2


M8x12

Closure plate with stop	No.	FS
40x80	20	3 842 535 121 4xFS1

Material: Steel, galvanized

Scope of delivery: Incl. fastening material (FS)

Closure plate without stop	No.	FS
40x45	20	3 842 535 122 4xFS1

Material: Steel, galvanized

Scope of delivery: Incl. fastening material (FS)

Rail holder with stop	No.	FS
	20	3 842 537 660 FS2

Material: Steel, galvanized

Scope of delivery: Incl. fastening material (FS)

Rail holder without stop	No.	FS
	20	3 842 537 661 FS2

Material: Steel, galvanized

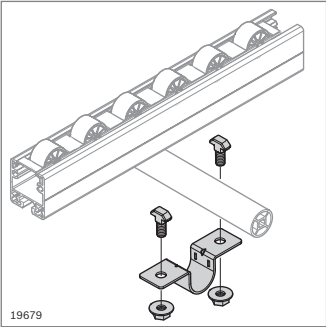
Scope of delivery: Incl. fastening material (FS)

Stopper XLean/Lean	ESD	No.	FS
		10	3 842 552 151 FS2

Material: PP

Fastening material: steel, galvanized

Scope of delivery: Incl. fastening material (FS)

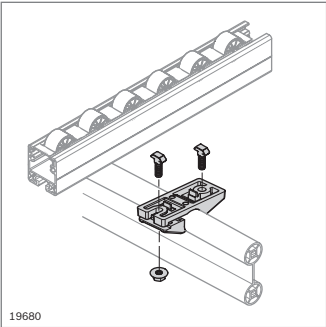


FS3

 HS10-M8x20

 M8

Tube clamp D28		No.	FS
	20	3 842 535 364	2xFS3
Material: Steel, galvanized			
Scope of delivery: Incl. fastening material (FS)			

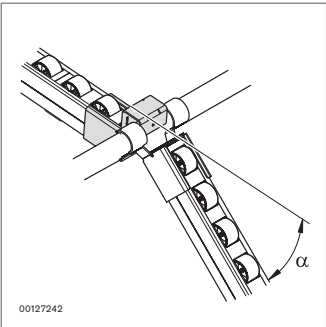


FS4

 HS10-M8x30

 EN 1661-M8-8.8

Holder for strut profile D28x55		No.	FS
	20	3 842 537 720	2xFS4
Material: Steel, galvanized			
Scope of delivery: Incl. fastening material (FS)			



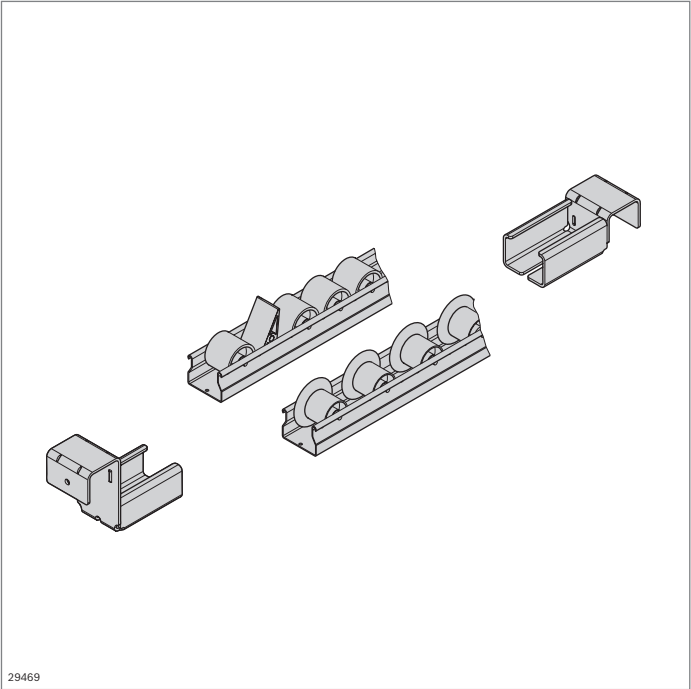
FS5

 M8x12-10.9-VZ

 10

- Flexible bridge with maximum tilt ($\alpha_{\max}$) from horizontal:
- with round tube D28 (p. 2-72): $\alpha_{\max} = 40^\circ$
 - with strut profile D28x55 (p. 2-73): $\alpha_{\max} = 30^\circ$

Flexible bridge		No.	FS
	20	3 842 537 951	FS5
Material: Steel, galvanized			

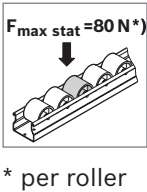
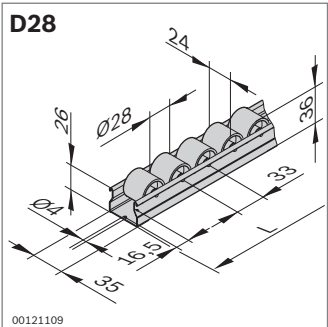


Conveyor track XLean



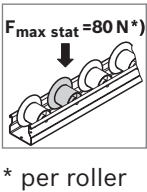
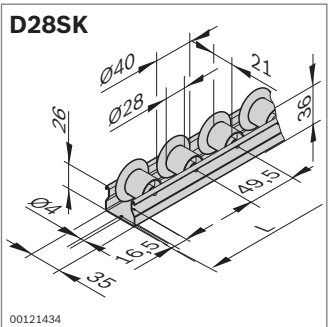
- ▶ Conveyor track made of steel profiles with plastic rollers and optional roller flange
- ▶ Available as ESD-conductive version.
- ▶ Self-supporting roller section
- ▶ Roller section with drill holes for fastening

Accessories:
Round tube D28 (p. 2-72)



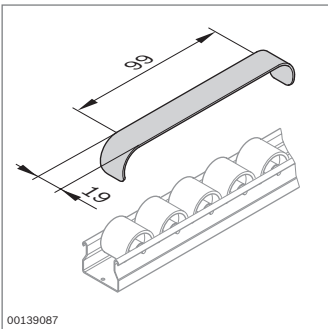
Roller section	L (mm)	ESD	No.
D28	100 ... 4500		1 3 842 993 321 / L
	4500		50 3 842 537 776
	100 ... 4500		1 3 842 993 431 / L
	4500		50 3 842 537 778

Material: Rail: steel, galvanized
Roller: PP



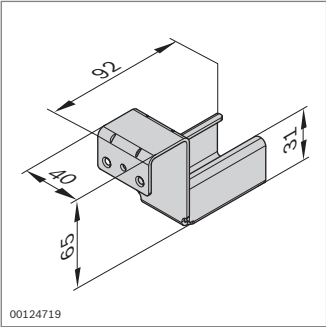
Roller section	L (mm)	ESD	No.
D28SK	100 ... 4500		1 3 842 993 322 / L
	4500		50 3 842 537 777
	100 ... 4500		1 3 842 993 432 / L
	4500		50 3 842 537 779

Material: Rail: steel, galvanized
Roller: PP

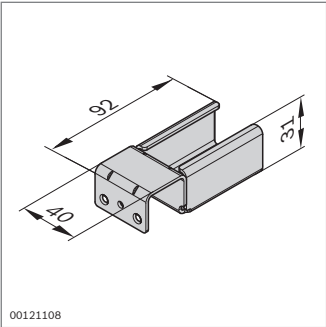


Brake	No.
	20 3 842 532 871

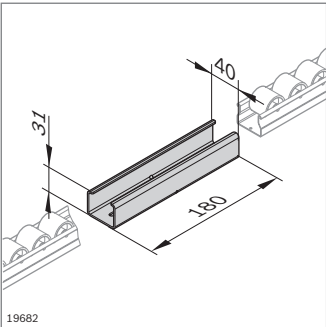
Material: Spring steel



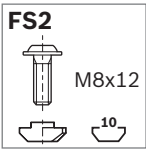
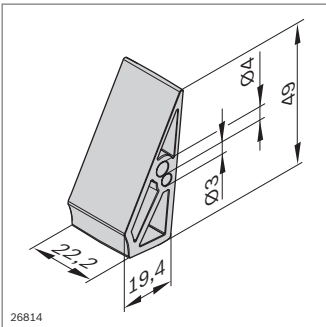
Rail holder with stop		No.
	20	3 842 538 372
Material: Steel, galvanized		



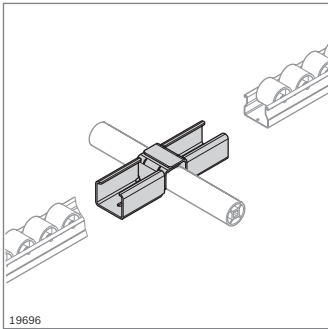
Rail holder without stop		No.
	20	3 842 537 687
Material: Steel, galvanized		



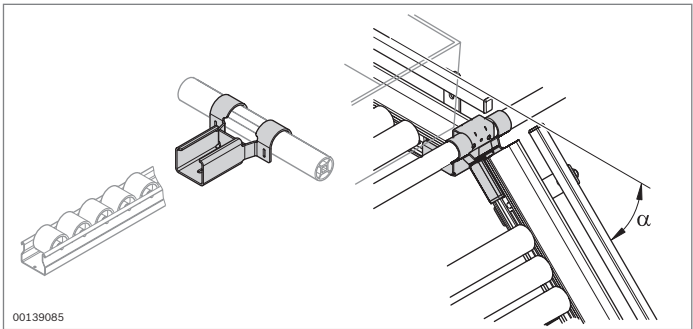
Section link		No.
	20	3 842 536 722
Material: Steel, galvanized		



Stopper XLean/Lean	ESD		No.	FS
		10	3 842 552 151	FS2
Material: PP				
Fastening material: steel, galvanized				
Scope of delivery: Incl. fastening material (FS)				

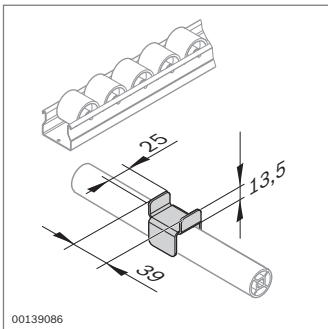


Bridge		No.
	20	3 842 536 724
Material: Steel, galvanized		

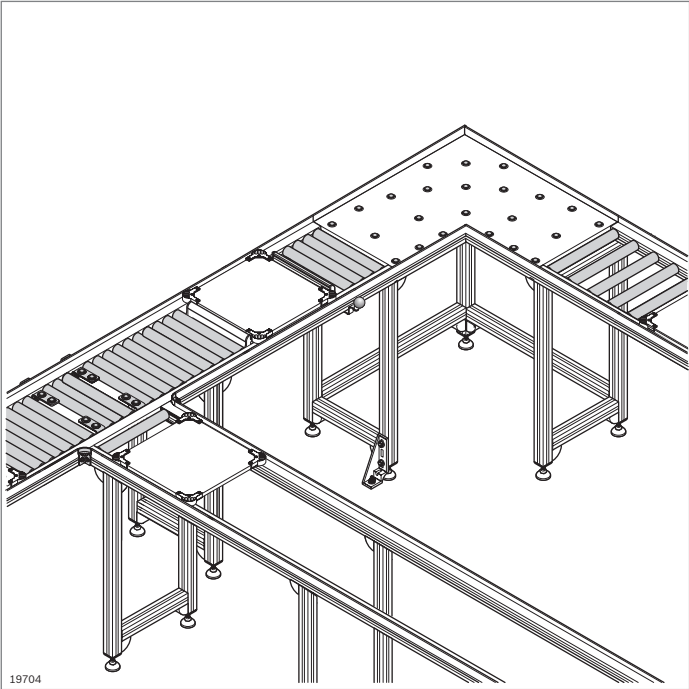


- Flexible bridge with maximum tilt ($\alpha_{\max}$) from horizontal:
- with round tube D28 (p. 2-72): $\alpha_{\max} = 40^\circ$
 - with strut profile D28x55 (p. 2-73): $\alpha_{\max} = 30^\circ$

Flexible bridge		No.
	20	3 842 537 911
Material: Steel, galvanized		

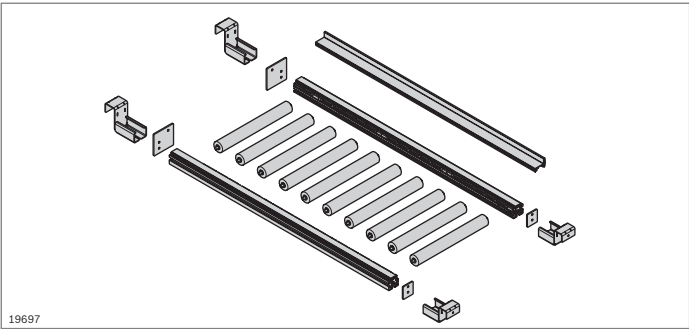


Mounting		No.
	20	3 842 537 657 
Material: Steel, galvanized		



EcoFlow conveyor track

- Based on EcoFlow section profile
- For manual slide sections with rollers
- Clip-in guide profiles with lateral guide and clip-in conveyor rollers



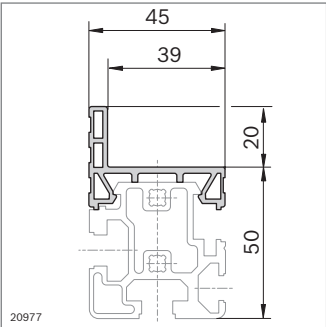
MV45x45

A = 6,2 cm²
I_x = 11,8 cm⁴
I_y = 10,5 cm⁴
W_x = 5,3 cm³
W_y = 4,7 cm³
m = 1,7 kg/m

19698

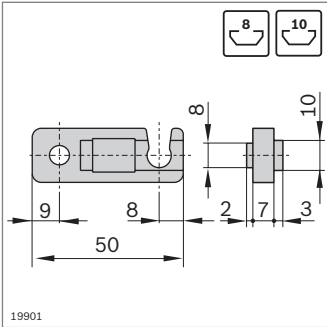
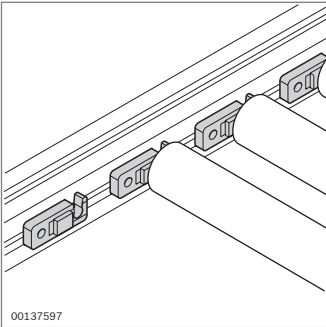
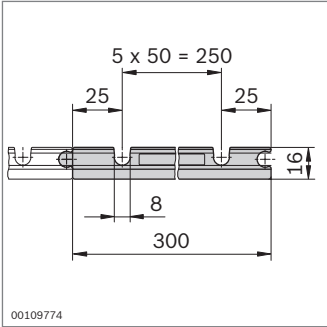
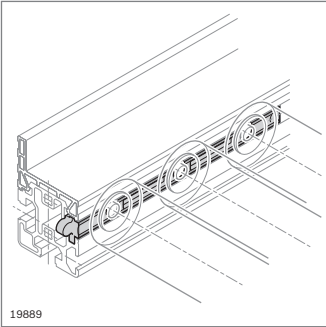
Section profile MV45x45		L (mm)	No.
1 pc		30 ... 6070	3 842 993 029 / L
20 pcs		6070	3 842 537 321
1 pc		6070	3 842 537 357

Material: Aluminum, anodized



Guide profile MV45	L (mm)	ESD		No.
	30 ... 3000		1	3 842 993 511 / L
	3000		10	3 842 525 443
	30 ... 3000		1	3 842 993 512 / L
	3000		10	3 842 526 034

Material: PVC

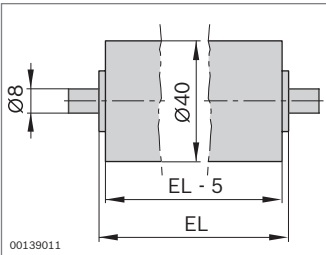
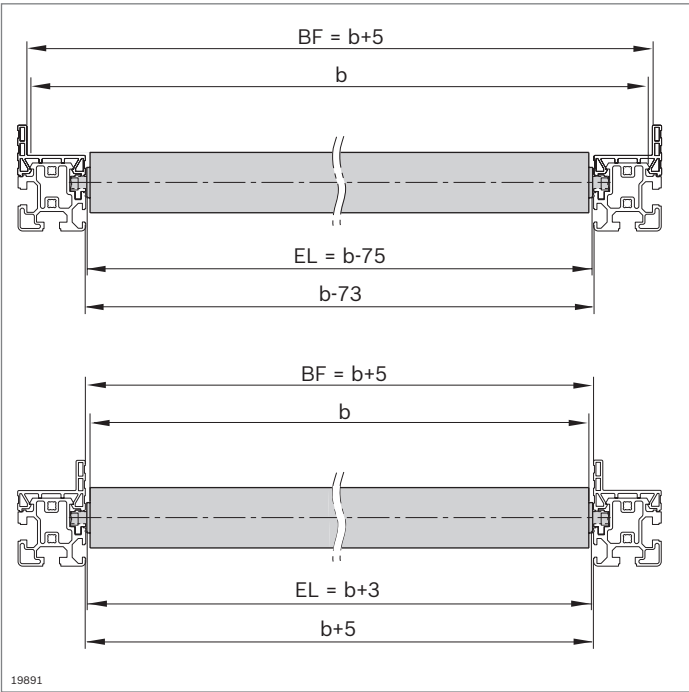
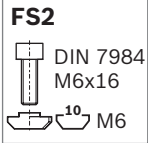
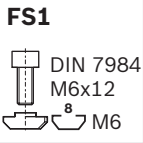


EcoFlow roller carrier	ESD	No.
	10	3 842 535 683

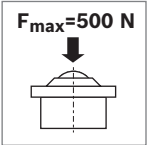
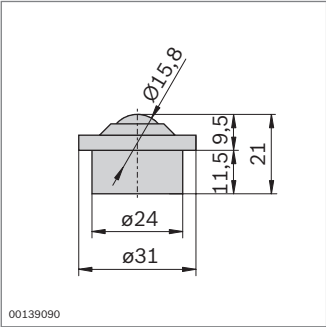
Material: ABS; black

Roller mount	Slot	No.	FS
	8 10	3 842 535 667	FS1
	10 10	3 842 535 668	FS2

Material: Roller mount: PA6, black
Fastening material: steel, galvanized
Scope of delivery: Incl. fastening material (FS)



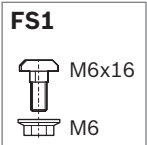
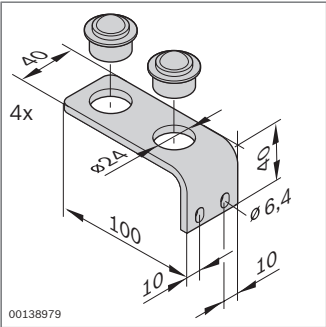
EcoFlow roller	F _{max} (N)	EL (mm)	ESD	No.
Plastic, gray	150	105 ... 605		3 842 994 989 / L
		225		3 842 525 740
		325		3 842 525 741
		425		3 842 525 742
		525		3 842 537 164
Steel, galvanized	500	105 ... 1005		3 842 994 988 / L
		225		3 842 525 737
		325		3 842 525 738
		425		3 842 525 739
		525		3 842 537 163
Stainless steel	150	105 ... 1005		3 842 995 008 / L



► Ball roller for smooth manual movement of goods with large-surfaces

Ball roller	ESD		No.
		20	3 842 541 008

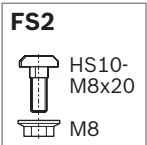
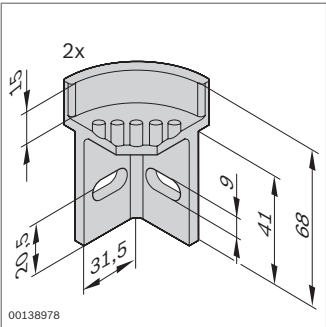
Material: Housing: steel, galvanized
 Ball: stainless steel



Transverse conveyor	ESD		No.	FS
		Set	3 842 536 055	8xFS1

Material: Bracket: steel, galvanized
 Ball: stainless steel

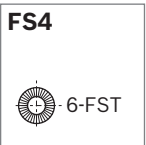
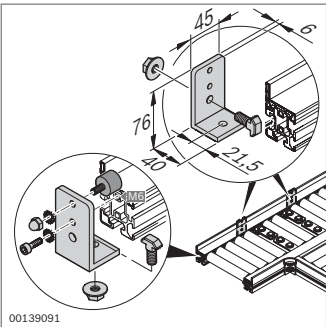
Scope of delivery: Incl. 4 x bracket plate, fastening material (FS) for 10 mm slot



Corner piece	ESD		No.	FS
		Set	3 842 536 056	4xFS2

Material: PA; black, ESD-conductive

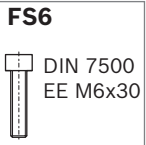
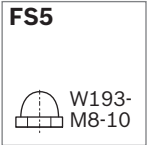
Scope of delivery: Incl. 2 x corner piece, fastening material (FS) for 10 mm slot

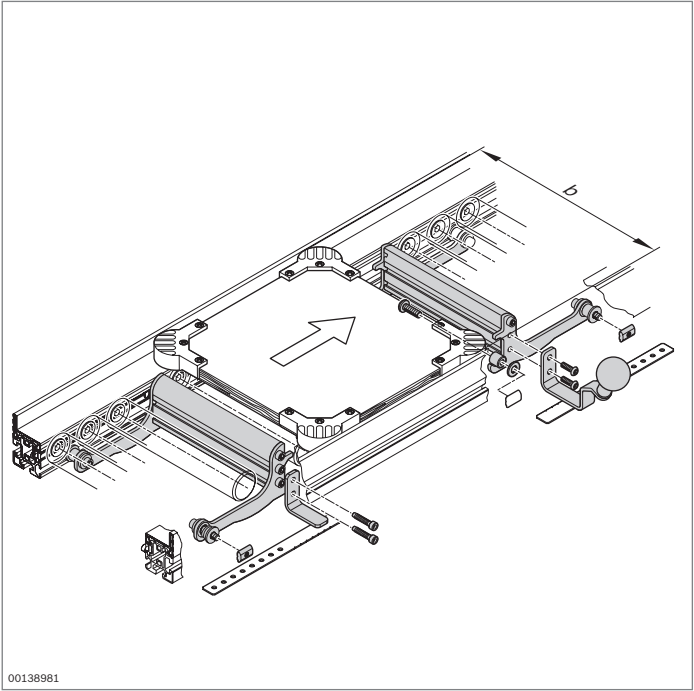


Stop		No.	FS
	Set	3 842 536 057	2xFS3, 4xFS4, 2xFS5 2xFS6

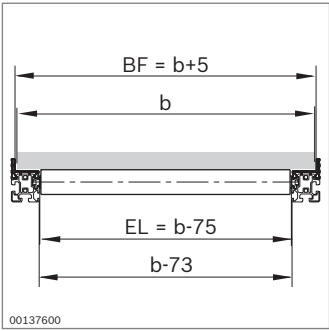
Material: Aluminum, anodized

Scope of delivery: Incl. 2 x stop, fastening material (FS)

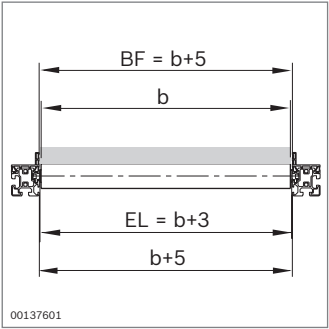




00138981



00137600



00137601

EcoFlow stop gates and return stops



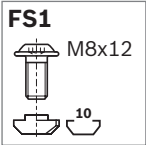
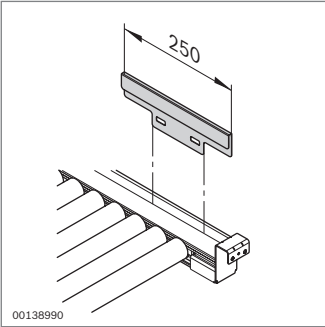
- Stop gate and return stop for positioning workpiece pallets or containers
- At the planning stage remember to leave sufficient leg room. The stop gate and return stop extend downwards by an additional 45 mm
- We recommend using a workpiece pallet with corner pieces (p. 12-32) to provide a defined stopping mechanism

Stop gate	EL (mm)	No.
	105 ... 1005	3 842 995 007 / EL
	225	3 842 537 894
	325	3 842 537 895
	425	3 842 537 896
	525	3 842 537 897

Scope of delivery: Incl. fastening material

Return stop	EL (mm)	No.
	105 ... 1005	3 842 995 017 / EL
	225	3 842 537 898
	325	3 842 537 899
	425	3 842 537 900
	525	3 842 537 901

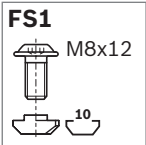
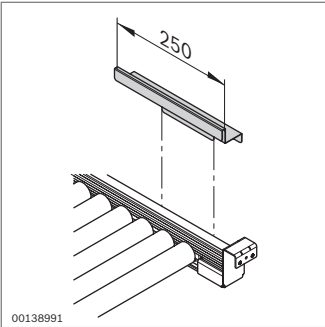
Scope of delivery: Incl. fastening material



- Protective cover to protect the EcoFlow guide profile when loading the conveyor track

Protective cover		No.	FS
Outer slide rail	Set	3 842 537 583	4xFS1

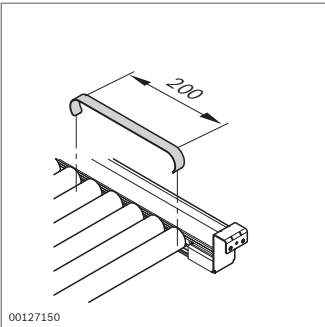
Material: Steel, galvanized
Scope of delivery: Incl. 2x protective cover, fastening material (FS)



- Protective cover to protect the EcoFlow guide profile when loading the conveyor track

Protective cover		No.	FS
Inner slide rail	Set	3 842 537 584	4xFS1

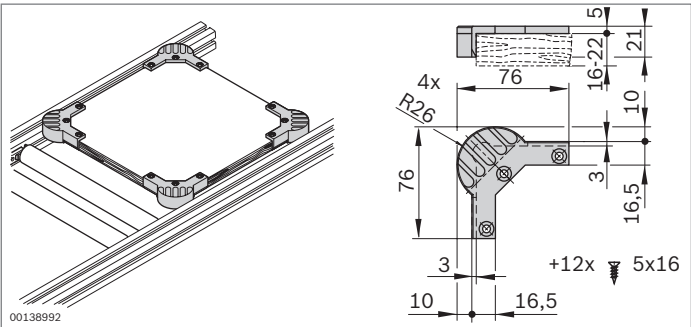
Material: Steel, galvanized
Scope of delivery: Incl. 2 x protective cover, fastening material (FS)



- Brake for bringing containers to a stop gently

Brake		No.
	20	3 842 537 740

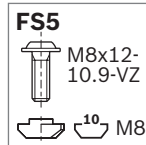
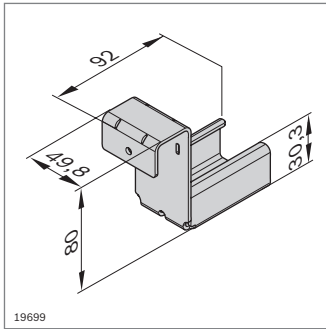
Material: Steel, galvanized



- Corner pieces for assembly of workpiece pallets
- For isolating parts from the pallet queue, well-defined guidance and stopping surfaces, good transition through curves and avoidance of edges where trapping may occur

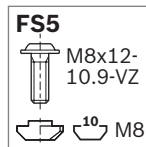
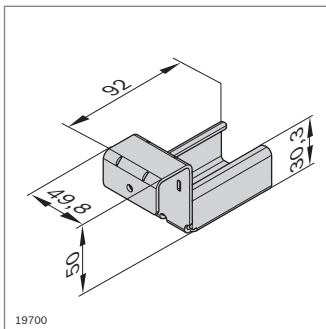
Corner pieces for workpiece pallets	ESD		No.
		Set	3 842 536 054

Material: PA



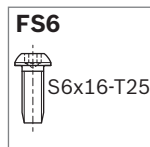
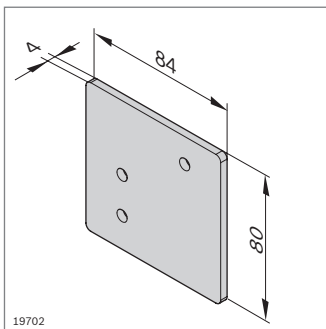
Rail holder with stop	No.	FS
	20 3 842 537 664	FS5

Material: Steel, galvanized
 Accessories: Round tube D28 (p. 2-72)
 Scope of delivery: Incl. fastening material (FS)



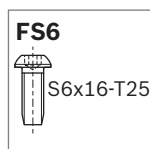
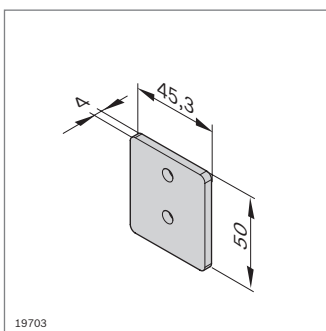
Rail holder without stop	No.	FS
	20 3 842 537 665	FS5

Material: Steel, galvanized
 Accessories: Round tube D28 (p. 2-72)
 Scope of delivery: Incl. fastening material (FS)



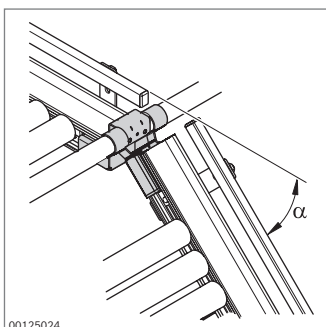
Closure plate with stop	No.	FS
	20 3 842 537 593	2xFS6

Material: Steel, galvanized
 Scope of delivery: Incl. fastening material (FS)



Closure plate without stop	No.	FS
	20 3 842 537 592	2xFS6

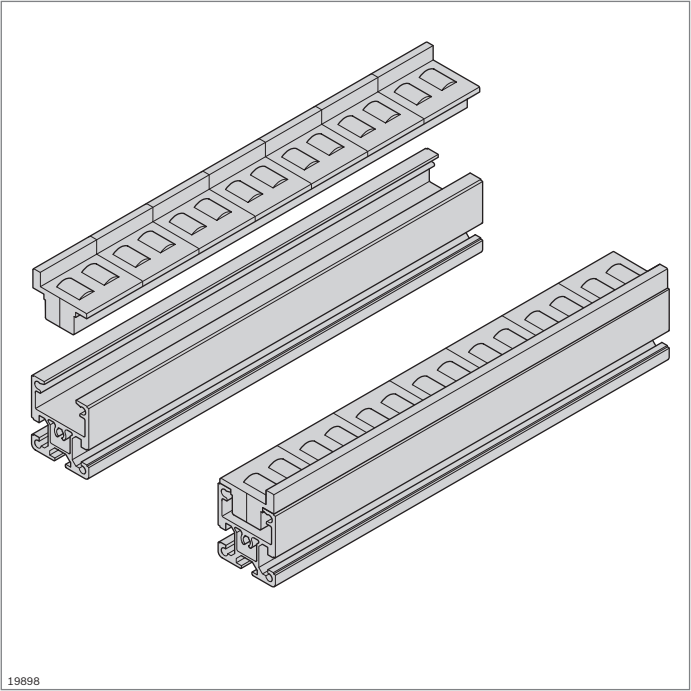
Material: Steel, galvanized
 Scope of delivery: Incl. fastening material (FS)



- Flexible bridge with maximum tilt ($\alpha_{\max}$) from horizontal:
- with round tube D28 (p. 2-72): $\alpha_{\max} = 40^\circ$
 - with strut profile D28x55 (p. 2-73): $\alpha_{\max} = 30^\circ$

Flexible bridge	No.
	20 3 842 537 911

Material: Steel, galvanized



Conveyor track made of section profiles and roller elements

- Economical solution for manual slide sections
- Roller elements can be clipped in

Accessories:
Roller elements (p. 12-22)

SP 2/R

A = 5,23 cm²
I_x = 4,39 cm⁴
I_y = 11,77 cm⁴
W_x = 2,47 cm³
W_y = 5,23 cm³
m = 1,41 kg/m

Section profile SP 2/R	L (mm)	No.
	50 ... 6000	3 842 992 676 / L
Material:	Aluminum, natural-colored, anodized	

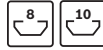
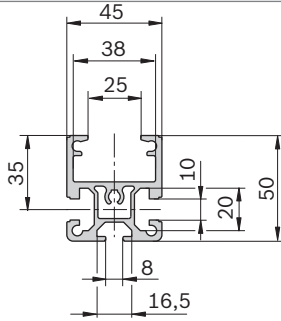
SP 2/B

A = 10,4 cm²
I_x = 49,6 cm⁴
I_y = 25,8 cm⁴
W_x = 12,1 cm³
W_y = 11,5 cm³
m = 2,8 kg/m

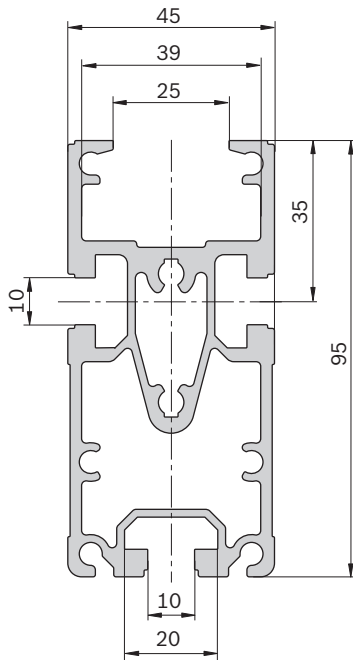
Section profile SP 2/B	Slot	L (mm)	No.
1 pc	10	200...6000	3 842 992 884 / L
16 pcs	10	6070	3 842 532 695
Material:	Aluminum, natural-colored, anodized		
Accessories:	Cross connector QV 2 (p. 12-42)		

SP 2/B-50

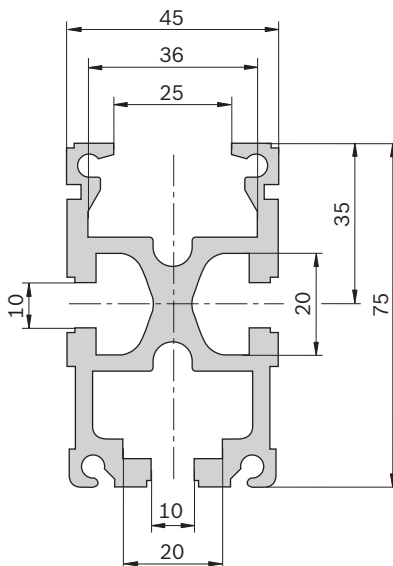
$A = 6,9 \text{ cm}^2$
 $I_x = 46,2 \text{ cm}^4$
 $I_y = 16,9 \text{ cm}^4$
 $W_x = 5,3 \text{ cm}^3$
 $W_y = 7,5 \text{ cm}^3$
 $m = 1,9 \text{ kg/m}$


SP 2/B-100

$A = 11,9 \text{ cm}^2$
 $I_x = 95,1 \text{ cm}^4$
 $I_y = 30,4 \text{ cm}^4$
 $W_x = 20,0 \text{ cm}^3$
 $W_y = 13,5 \text{ cm}^3$
 $m = 3,2 \text{ kg/m}$


SP 2/BH

$A = 12,4 \text{ cm}^2$
 $I_x = 53,7 \text{ cm}^4$
 $I_y = 28,6 \text{ cm}^4$
 $W_x = 14,0 \text{ cm}^3$
 $W_y = 13,8 \text{ cm}^3$
 $m = 3,3 \text{ kg/m}$



Section profile SP 2/B-50	Slot	L (mm)	No.
1 pc	8 / 10	200 ... 6000	3 842 992 903 / L
20 pcs	8 / 10	6070	3 842 532 697

Material: Aluminum, natural-colored, anodized

Section profile SP 2/B-100	Slot	L (mm)	No.
1 pc		200 ... 6000	3 842 993 259 / L
16 pcs	10	6070	3 842 532 608

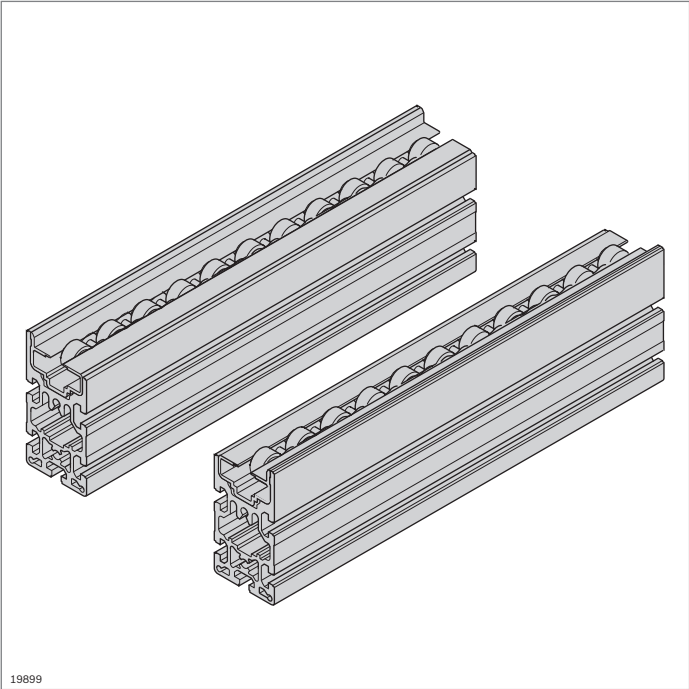
Material: Aluminum, natural-colored, anodized

Accessories: Cross connector QV 2 (p. 12-42)

Section profile SP 2/BH	Slot	L (mm)	No.
1 pc	10	200 ... 6000	3 842 990 409 / L
16 pcs	10	6070	3 842 532 696

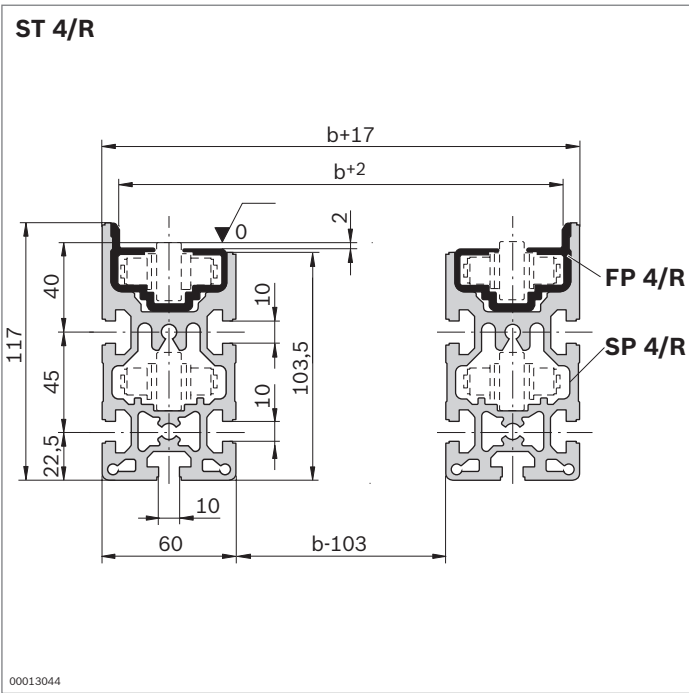
Material: Aluminum, natural-colored, anodized

Accessories: Cross connector QV 2 (p. 12-42)



Conveyor sections made of SP 4/R section profiles and accumulation roller chains

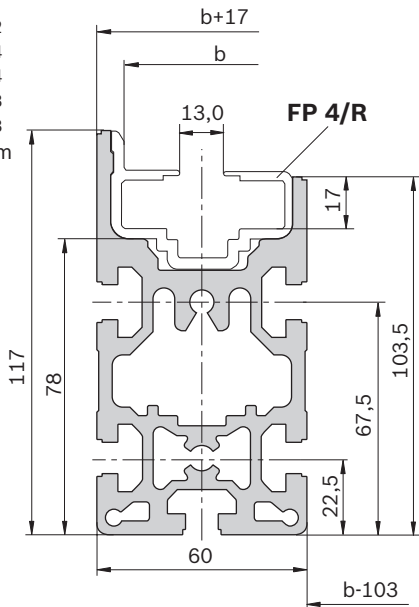
- For constructing manual slide sections with high bearing loads (up to 2.0 kg/cm)
- For applications with and without workpiece pallets
- Low friction
- Steel chain with support rollers made of PA 12



Section ST 4/R		L (mm)	No.
		200 ... 6000	3 842 994 839 / L
Material:	Aluminum, natural-colored, anodized		
	Guide profile: PA 12		
Scope of delivery:	2 x section profile SP 4/R		
	2 x guide profile FP 4/R		
Condition on delivery:	Assembled		
Accessories:	Accumulation roller chain (p. 12-38)		
	Cross connector QV 4 (p. 12-38)		

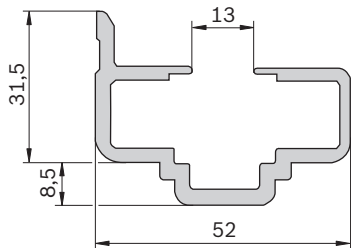
SP 4/R

A = 26,13 cm²
I_x = 222,0 cm⁴
I_y = 95,5 cm⁴
W_x = 84,86 cm³
W_y = 16,41 cm³
m = 3,5 kg/m



19608

FP 4/R



19610

Section profile SP 4/R

L (mm) No.



10 pcs



6000 **3 842 532 505**

Material:

Aluminum, natural-colored, anodized

Accessories:

Guide profile FP 4/R

Accumulation roller chain (p. 12-38)

Cross connector QV 4 (p. 12-38)

Guide profile FP 4/R

L (mm) No.



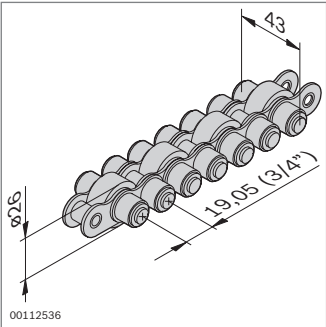
10 pcs



6000 **3 842 532 508**

Material:

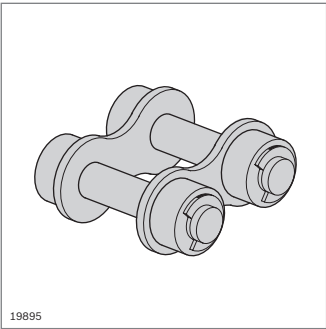
PA 12 (anti-static)



Accumulation roller chain	L (mm)	No.
Support roller: PA 12	5000	3 842 508 967
Material:	Accumulation roller chain: steel Support roller: see ordering table	
Scope of delivery:	Incl. chain coupling	
Accessories:	Additional chain coupling (3 842 071 941)	

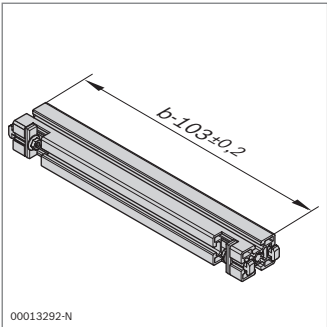
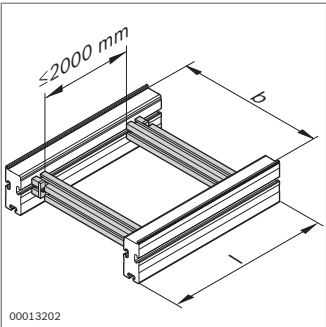
► Chain coupling for extending accumulation roller chains

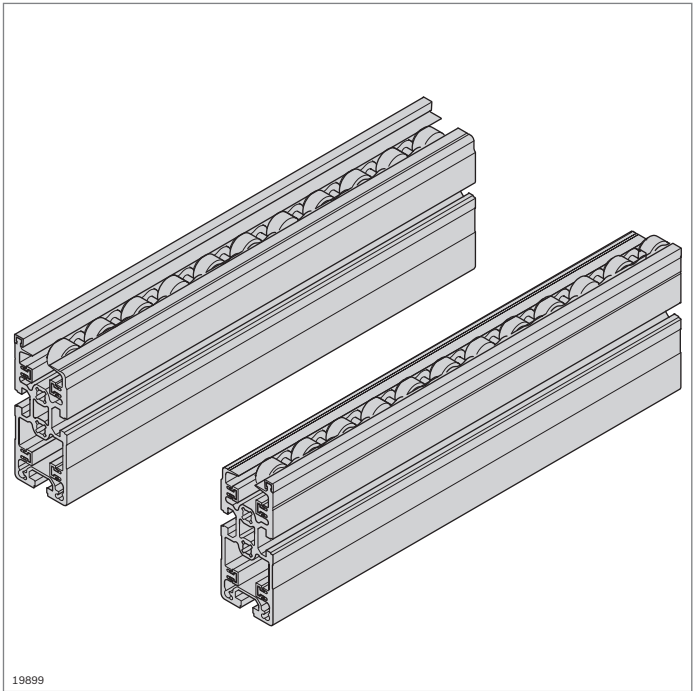
Chain coupling	No.
	3 842 071 941
Material:	Steel



- Cross connector QV 4 for connecting two section profiles
- For defining the track width

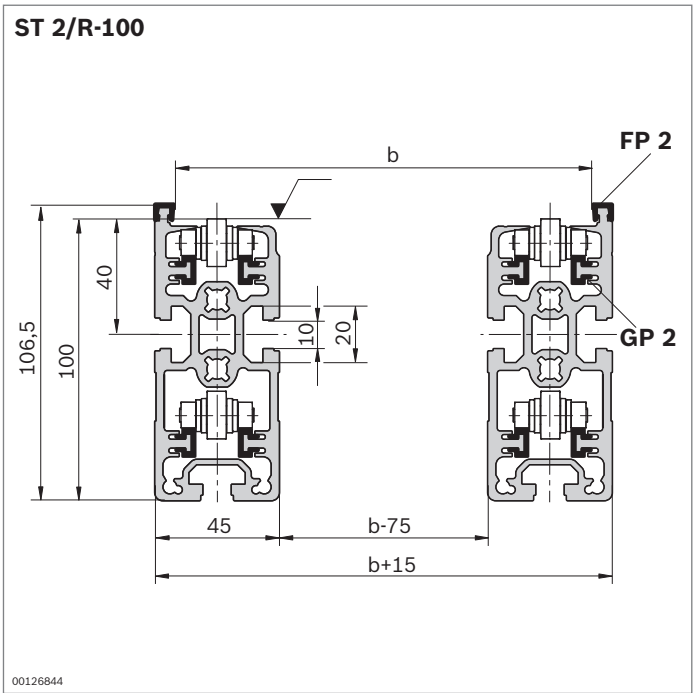
Cross connector QV 4	b (mm)	No.
	443 ... 1243	3 842 994 832 / b





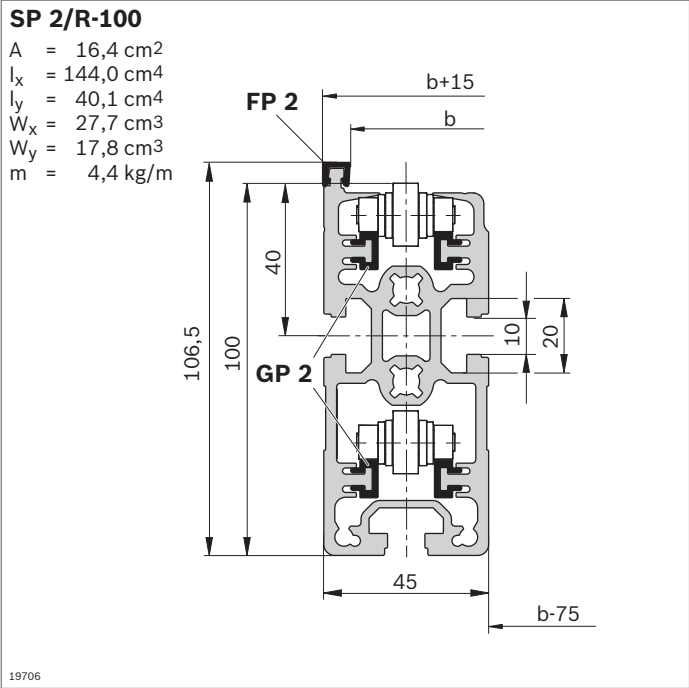
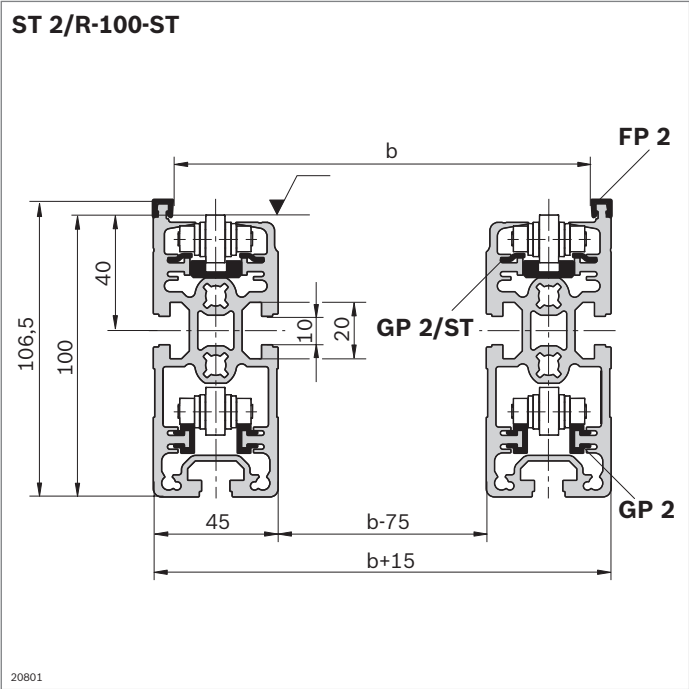
Conveyor sections made of SP 2 section profiles and accumulation roller chains

- For constructing manual slide sections with high bearing loads (up to 2.0 kg/cm)
- For applications with and without workpiece pallets
- Accumulation roller chain with and without small parts trap



- Customizable section with plastic guide profile

Section ST 2/R-100	ESD	L (mm)	No.
		60 ... 6000	3 842 994 889 /L
Material:	Aluminum, natural-colored, anodized		
	Slide profile, guide profile: PA 12		
Scope of delivery:	2x section profile SP 2/R-100		
	2x guide profile FP 2		
	8x slide profile GP 2		
Condition on delivery:	Assembled		
Accessories:	Accumulation roller chain (p. 12-38)		
	Accumulation roller chain with small parts trap (p. 12-42)		
	Cross connector QV 2, QV 2-H (p. 12-42)		

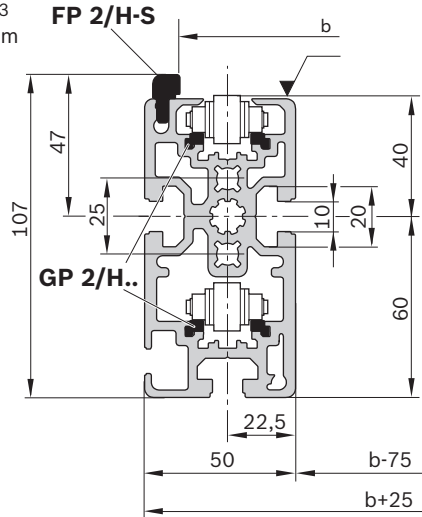


Section ST 2/R-100 ST	ESD	L (mm)	No.
		60 ... 6000	3 842 994 907 / L
Material:	Aluminum, natural-colored, anodized		
	Slide profile: steel		
	Guide profile: PA 12		
	Guide profile for accumulation roller chain: PE		
Scope of delivery:	2 x section profile SP 2/R-100		
	2 x guide profile FP 2		
	4 x slide profile GP 2		
	4 x slide profile GP 2/ST		
	2 x guide profile for accumulation roller chain		
Condition on delivery:	Assembled		
Accessories:	Accumulation roller chain (p. 12-38)		
	Accumulation roller chain with small parts trap (p. 12-42)		
	Cross connector QV 2, QV 2-H (p. 12-42)		

Section profile SP 2/R-100	L (mm)	No.
16 pcs	6070	3 842 529 931
Material:	Aluminum, natural-colored, anodized	
Accessories:	Guide and slide profile PA (p. 12-41)	
	Guide and slide profile ST (p. 12-41)	

SP 2/R-H

$A = 19,0 \text{ cm}^2$
 $I_x = 155,6 \text{ cm}^4$
 $I_y = 51,3 \text{ cm}^4$
 $W_x = 31,6 \text{ cm}^3$
 $W_y = 18,8 \text{ cm}^3$
 $m = 5,2 \text{ kg/m}$



20802

Section profile SP 2/R-H

L (mm) No.

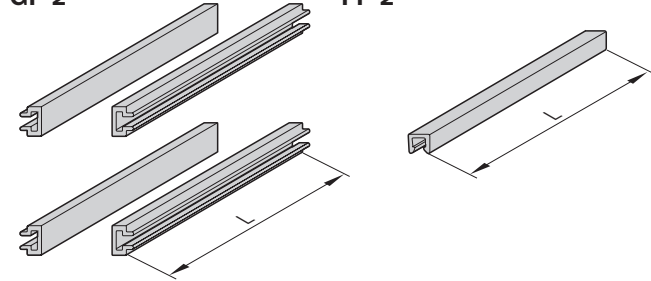
12 pcs 6070 **3 842 536 792**

Material: Aluminum, natural-colored, anodized

Accessories: Guide profile FP 2/H-ST
Slide profile GP 2/H-KST
Slide profile GP 2/H-ST

GP 2

FP 2



19708

Guide and slide profile PA

ESD No.

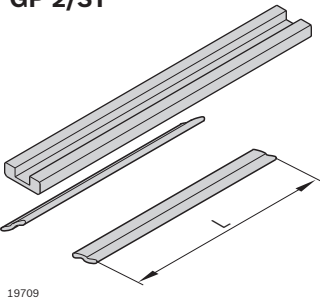
3 842 529 933

Material: PA 12 (anti-static)

Scope of delivery: 64 x slide profile GP 2 (L = 6000 mm)
16 x guide profile FP 2 (L = 6000 mm)

12

GP 2/ST



19709

Guide and slide profile ST

ESD No.

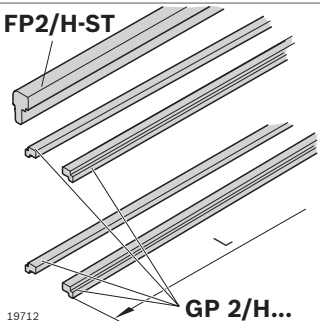
3 842 532 676

Material: GP 2/ST: steel, corrosion-resistant

Guide profile for accumulation roller chain: PE

Scope of delivery: 32 x slide profile GP 2/ST (L = 3000 mm)
24 x guide profile for accumulation roller chain
(L = 2000 mm)

FP2/H-ST



19712

Guide profile

L (mm) ESD No.

FP 2/H-ST 24 pcs 3000 **3 842 537 890**

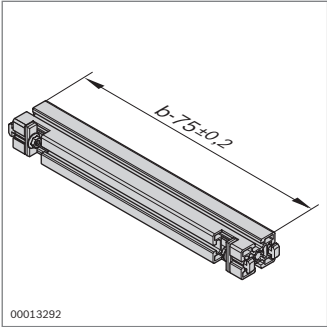
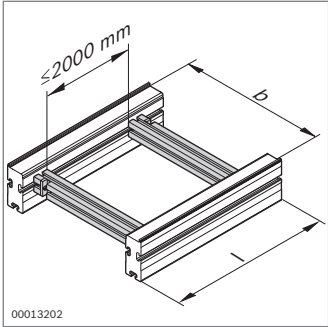
Material: Steel, corrosion-resistant

Slide profiles

L (mm) ESD No.

GP 2/H-ST 48 pcs 3000 **3 842 537 888**
GP 2/H-KST 48 pcs 3000 **3 842 537 889**

Material: H-KST: PA (anti-static)
H-ST: steel, corrosion-resistant

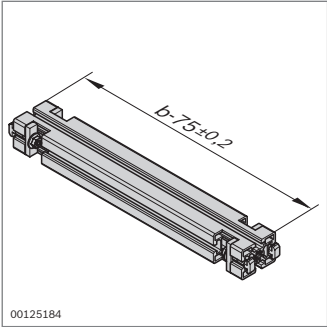
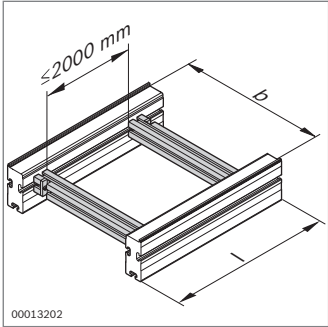


- Cross connector QV 2 for connecting two section profiles
- For defining the track width

Cross connector QV 2	b (mm)	No.
	160...1040	3 842 994 635 / b

Material: Aluminum, natural-colored, anodized
Fastening material: steel

Scope of delivery: Strut profile 45x60, 2 x transverse connector (p. 3-61)

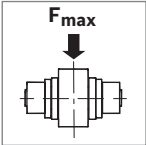
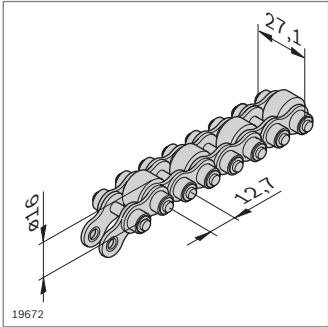


- Cross connector QV 2-H for connecting two section profiles
- For heavy applications
- For defining the track width

Cross connector QV 2-H	b (mm)	No.
	160...1040	3 842 993 052 / b

Material: Aluminum, natural-colored, anodized
Fastening material: steel

Scope of delivery: Strut profile 45x60, 4 x transverse connector (p. 3-61)



Accumulation roller chain	F _{max} (kg/cm)	L (mm)	No.
Support roller: PA 12	1.5	12000	3 842 523 918
Support roller: steel	2.0 ¹⁾ /1.5 ²⁾	12000	3 842 530 864

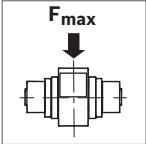
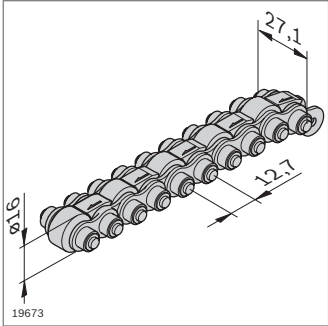
1) When using slide profile GP 2/ST

2) When using slide profile GP 2

Material: Accumulation roller chain: steel
Support roller: see ordering table

Scope of delivery: Incl. chain coupling

Accessories: Additional chain coupling (**3 842 530 417**)



Accumulation roller chain with small parts trap	F _{max} (kg/cm)	L (mm)	No.
Support roller: PA 12	1.5	12000	3 842 536 268
Support roller: steel	2.0 ¹⁾ /1.5 ²⁾	12000	3 842 536 270

1) When using slide profile GP 2/ST

2) When using slide profile GP 2

Material: Accumulation roller chain: steel
Support roller: see ordering table

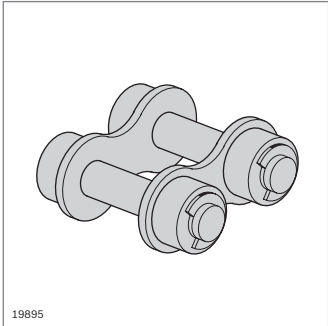
Scope of delivery: Incl. chain coupling

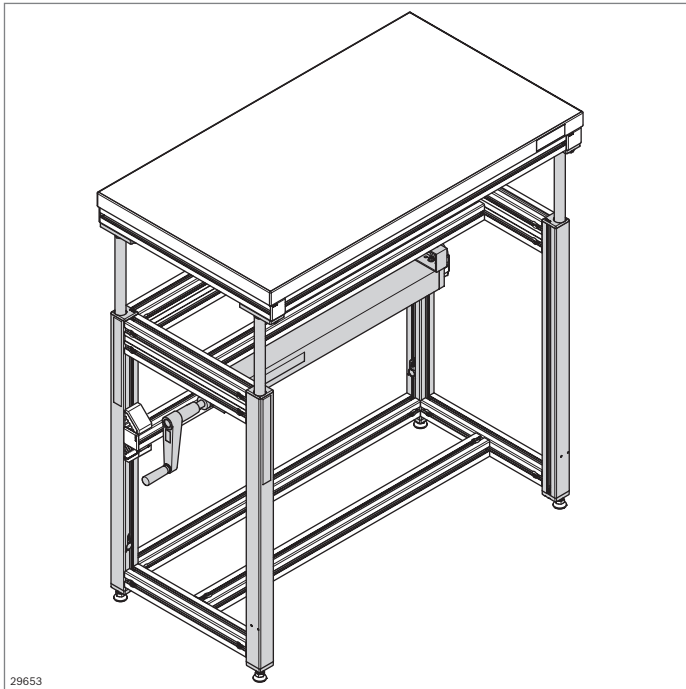
Accessories: Additional chain coupling (**3 842 530 417**)

- Chain coupling for extending accumulation roller chains

Chain coupling	No.
	3 842 530 417

Material: steel





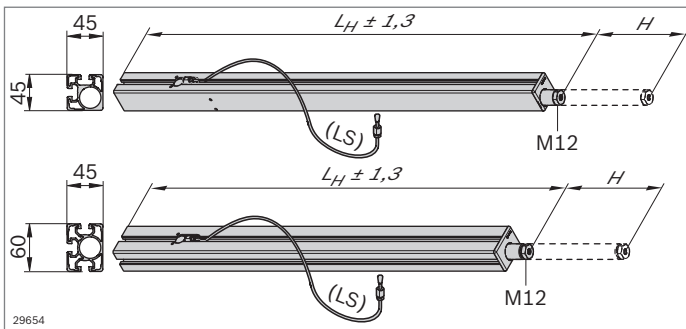
Components for height adjustment 45x45 and 45x60



- Infinitely variable hydraulic height adjustment with a crank handle, e.g. for work benches, tables or frames
- Max. load bearing capacity per lifting module 800 N
- Maximum lift 400 mm
- Simplest mounting system due to use of hydraulic hoses with quick-release couplings
- Variable or fixed lengths for lifting module and hoses
- For compliance with the safety requirements for lifting tables according to DIN EN 1570-1.

Accessories, optional:

- connection elements, e.g. bracket (see p. 3-19),
- leveling foot, e.g. 3 842 529 025 (see p. 6-4)



Lifting module	L_H (mm)	L_S (mm)	No.
45x45 Variable	720 ... 2000 ¹⁾	1000 ... 4000 ²⁾	Set 3 842 994 000 / L_H/L_S
Standard	770	2500	Set 3 842 552 131 / L_H/L_S
45x60 Variable	720 ... 2000 ¹⁾	1000 ... 4000 ²⁾	Set 3 842 994 001 / L_H/L_S
Standard	770	2500	Set 3 842 552 132 / L_H/L_S

¹⁾ Lifting module length (L_H) can be ordered in 10 mm increments

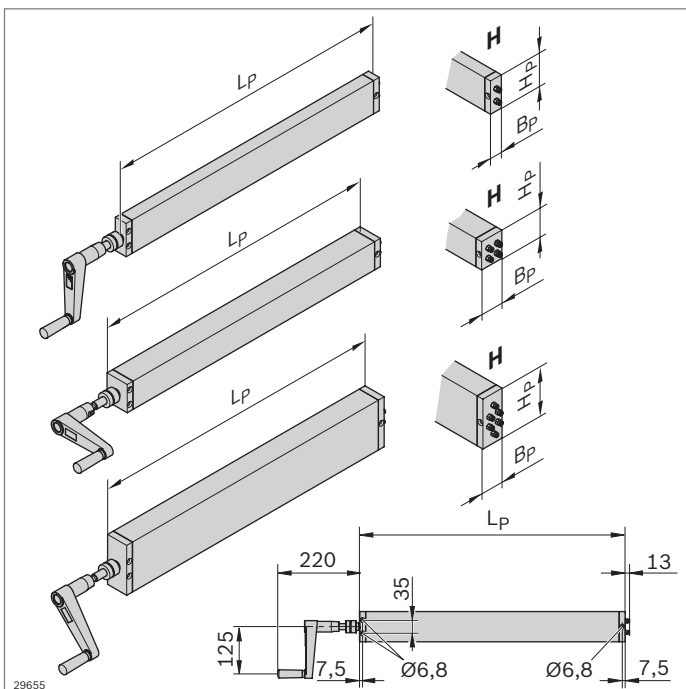
²⁾ Hose length (L_S) can be ordered in 1000, 1500, 2000, 2500, 3000, 4000 mm

Scope of delivery: 2 x lifting module with built-in hydraulic cylinder incl. hose (min. bend radius 50 mm) and quick-release coupling; 2 x cover cap

Condition on delivery: Assembled, filled with food-safe HPL oil of class NSF H1

Pump and drive

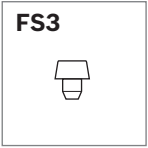
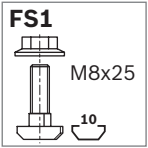
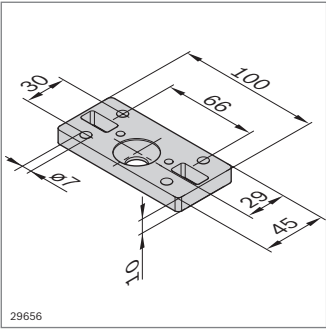
- Synchronous activation of 2, 4 or 6 lifting modules
- Can be mounted in any position
- Incl. friction clutch for load control
- 4 mm lift per rotation
- Crank handle, retractable



Pump	Max. Load (N)	Quantity Lift module	L_P (mm)	W_P (mm)	H_P (mm)	No.
	1600	2	702.5 $\pm$ 2	30	80	3 842 552 133
	3200	4	702.5 $\pm$ 2	56	68	3 842 552 134
	3200	6	714.5 $\pm$ 2	60	120	3 842 552 135

Scope of delivery: Pump incl. hand crank and quick-release coupling

Condition on delivery: Assembled, filled with food-safe HPL oil of class NSF H1

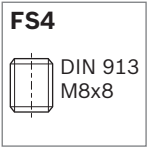
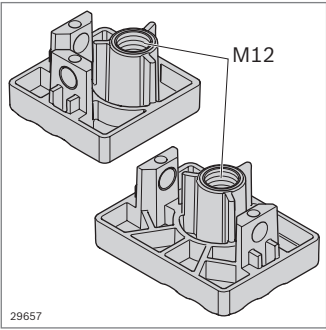


Connecting plate

- For mounting the lift module on a foot, profile or table top

Connecting plate	No.	FS
Set	3 842 552 176	4xFS1, 2xFS2, 4xFS3

Material: Aluminum
Fastening material: steel, galvanized
Scope of delivery: 2 x connecting plate; Incl. fastening material (FS)

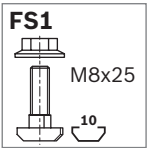
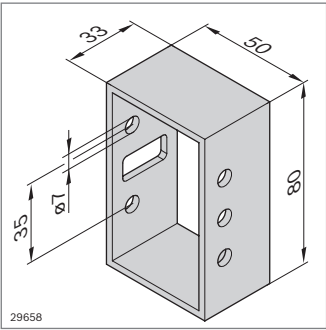


Adapter plate

- For connecting a leveling foot (e.g. 3 842 529 025) to the lifting module

Adapter plate	No.	FS
45x45	Set 3 842 552 174	4xFS4
45x60	Set 3 842 552 175	4xFS4

Material: Diecast zinc
Fastening material: steel; galvanized,
Scope of delivery: 2 x adapter plate; incl. fastening material (FS)

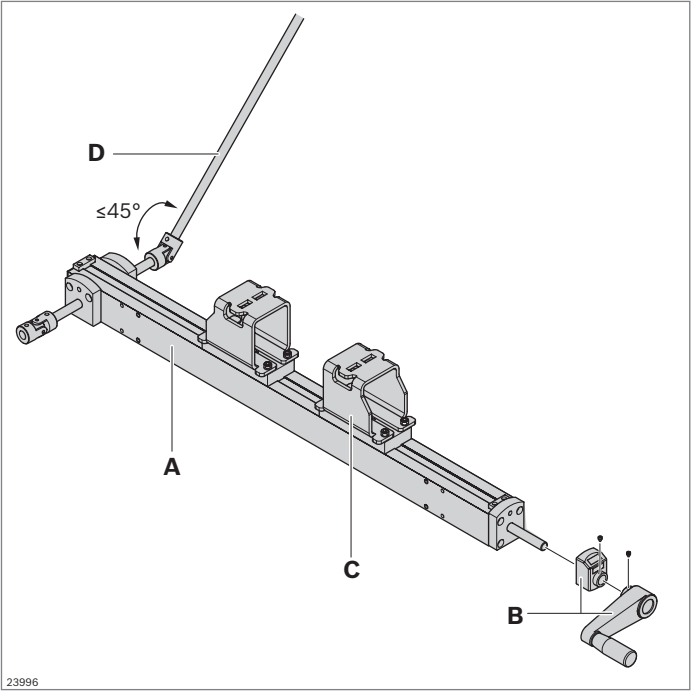


Connection adapter

- For mounting the pump on a profile or a table top
- Depending on the pump size, connection requires 3 countersunk screws (ISO 10642, M6, 8.8) which are either 40 mm long (pump for 2 lifting modules) or 70 mm long (pump for 4 or 6 lifting modules)

Connection adapter	No.	FS
Set	3 842 552 177	2xFS1

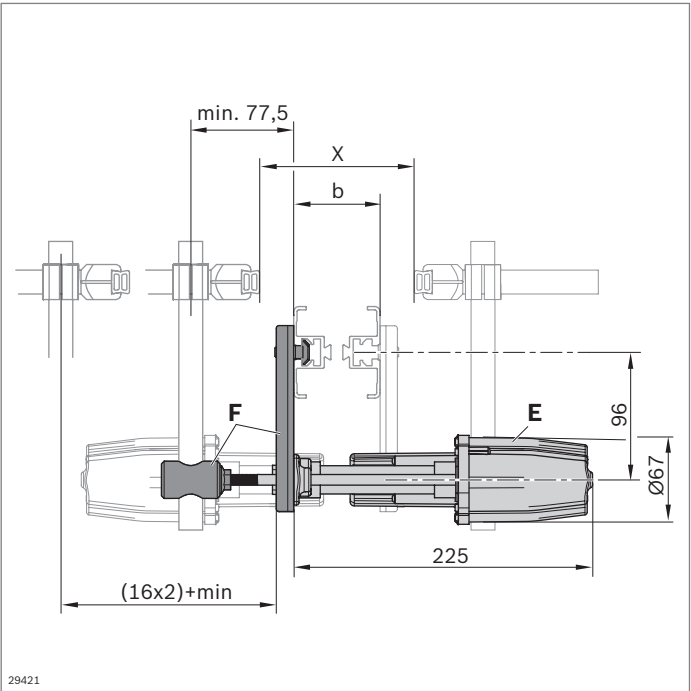
Material: Aluminum
Fastening material: steel, galvanized
Scope of delivery: 2 x connection adapter; Incl. fastening material (FS)



Adjustment unit

- Can be used for parallel width adjustment

Adjustment unit (A)		No.
		3 842 547 971
Crank handle (B)		No.
		3 842 547 990
Connection kit (C)		No.
		3 842 547 729
Profile rail D12 (D)		L (mm) No.
1 pc		200 ... 3000 3 842 993 306 / L
6 pcs		3000 3 842 533 841



- Can be used for automatic (pneumatic) adjustment of lateral guides
- see also VarioFlow *plus* catalog (**R999000401**)

Adjustment unit (E)		No.
		3 842 547 707
Assembly kit (F)		No.
		3 842 547 718

