Feet and wheels



Modular leveling feet (p. 6-2)



Leveling foot, foot, damping ring (p. 6-4)

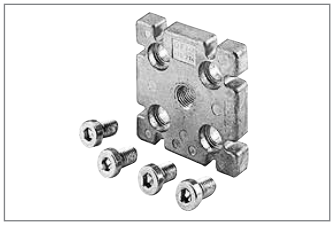


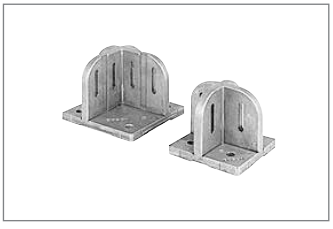
Plate (p. 6-6)



Base plate, steel (p. 6-8)



Base plate (p. 6-10)



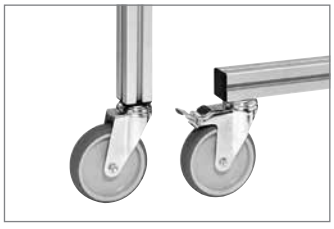
Base plate (p. 6-11)



Foot (p. 6-13)



Double wheel (p. 6-15)



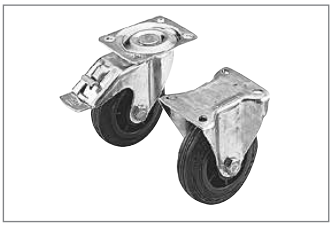
Wheel (p. 6-16)



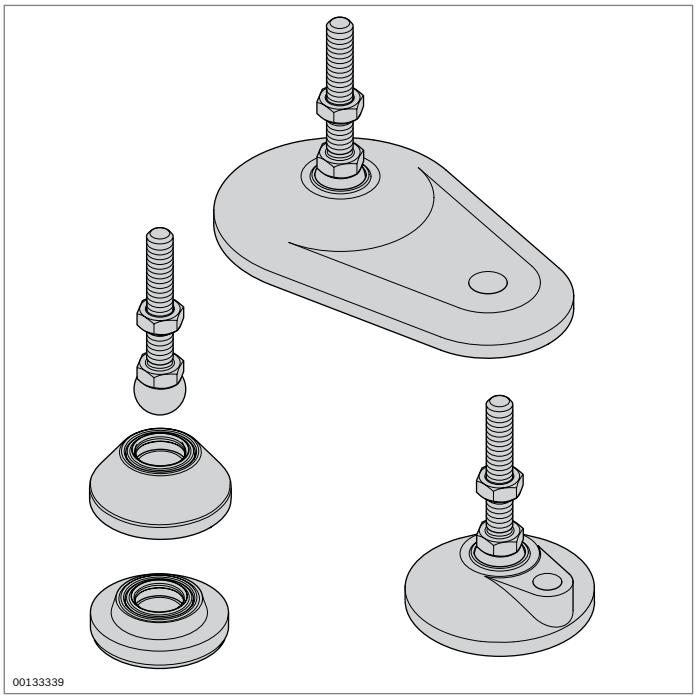
Heavy-duty wheel (p. 6-19)



Lifting wheel (p. 6-21)



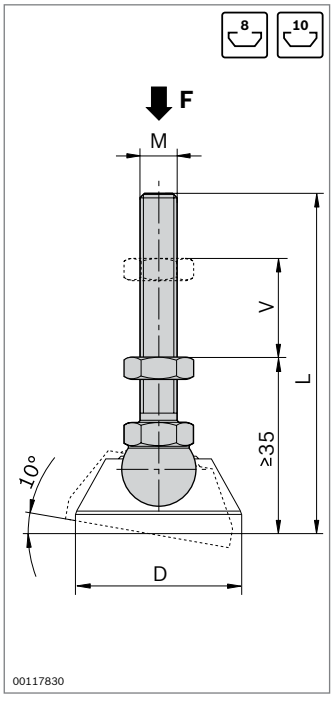
Roller with mounting flange (p. 6-23)



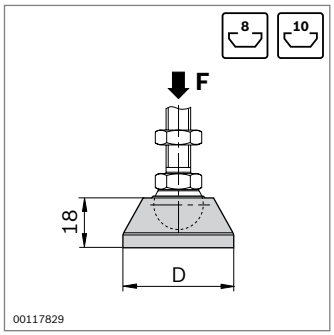
Modular leveling feet

- Leveling feet for compensating irregularities in the floor up to 10°
  - Modular system, various combinations possible
  - Spindles and base plates can be combined as desired
  - Base plates with screw hole for simple screw fitting to the floor
- The damping plate prevents the transfer of vibrations and allows a defined conduction of voltages via a set of grounding components (p. 17-2)
- Profile finishing: Thread M in central hole

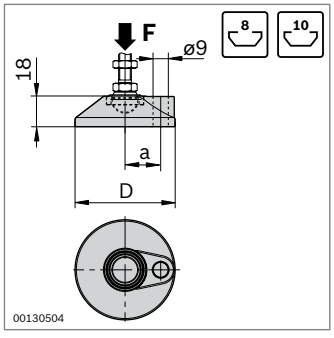
Accessories: Bearing ring (p. 6-15)
Accessories, optional: Metal bracket 103x103x37, D12.5 (p. 3-35)



Spindle	F (N)	M	L (mm)	V (mm)	ESD		No.
Stainless steel	10000	M8	75	20		20	**3 842 536 811**
	20000	M12	85	30		20	**3 842 536 812**
	20000	M12	145	80		20	**3 842 537 223**
	20000	M12	200	135		20	**3 842 537 225**
	30000	M16	85	20		20	**3 842 537 227**
	30000	M16	145	80		20	**3 842 537 229**
	30000	M16	200	135		20	**3 842 537 231**
Steel; zinc-plated	10000	M8	75	20		20	**3 842 537 220**
	20000	M12	85	30		20	**3 842 537 222**
	20000	M12	145	80		20	**3 842 537 224**
	20000	M12	200	135		20	**3 842 537 226**
	30000	M16	85	20		20	**3 842 537 228**
	30000	M16	145	80		20	**3 842 537 230**
	30000	M16	200	135		20	**3 842 537 232**

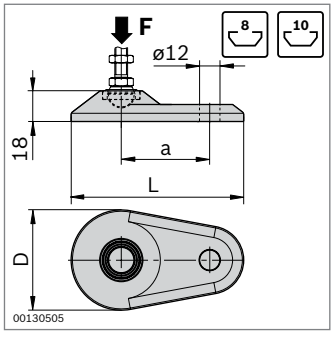


Base plate	F (N)	D (mm)	ESD		No.
Stainless steel	20000	29	✓	20	**3 842 536 694**
	30000	39	✓	20	**3 842 536 695**
	30000	44	✓	20	**3 842 536 696**
	30000	59	✓	20	**3 842 538 673**
	30000	79	✓	20	**3 842 537 206**
Diecast zinc, black powder coating	20000	29		20	**3 842 538 674**
	30000	39		20	**3 842 538 675**
	30000	44		20	**3 842 538 676**
	30000	59		20	**3 842 538 677**
	30000	79		20	**3 842 538 678**
PA; black	5000	29		20	**3 842 538 832**
	9000	39		20	**3 842 538 833**
	9000	44		20	**3 842 538 834**
	9000	59		20	**3 842 538 835**
	9000	79		20	**3 842 538 836**



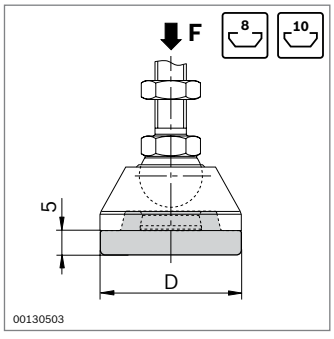
Base plate with screw hole	F (N)	D (mm)	a (mm)		No.
	30000	59	21	20	**3 842 538 932**
	30000	79	31	20	**3 842 538 934**

Material: Diecast zinc, black powder coating



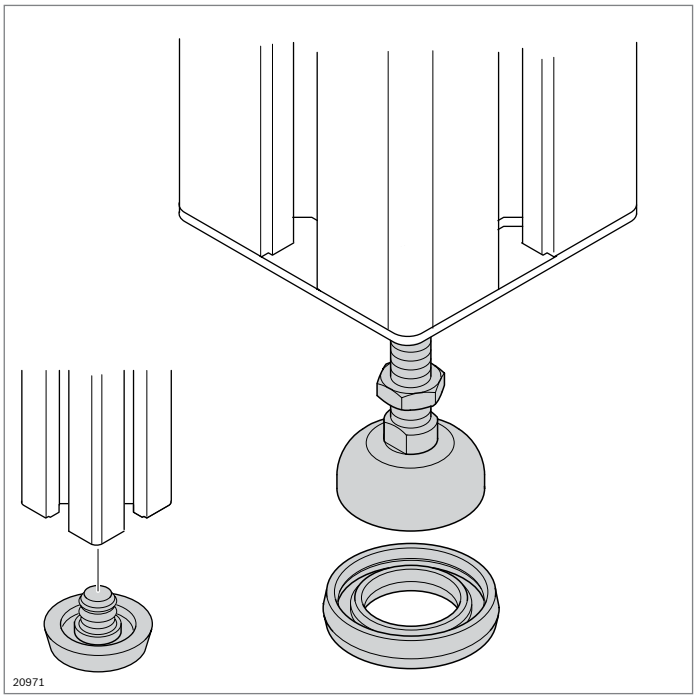
Oval base plate with screw hole	F (N)	D (mm)	a (mm)	L (mm)		No.
	30000	59	52	100	20	**3 842 538 679**
	30000	79	65	130	20	**3 842 538 680**

Material: Diecast zinc, black powder coating



Damping plate	F (N)	D (mm)		No.
	1100	29	20	**3 842 538 555**
	1600	39	20	**3 842 538 556**
	2000	44	20	**3 842 538 557**
	2500	59	20	**3 842 538 558**
	2800	79	20	**3 842 538 559**

Material: PUR; black



Leveling foot, foot, damping ring

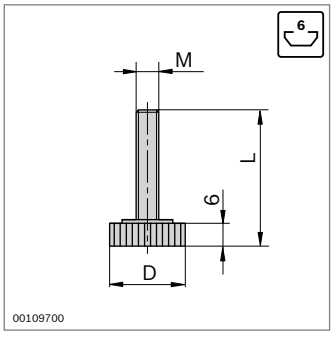
Leveling foot

- For compensating irregularities in the floor up to 5°
- Fully assembled spindle and base plate
- Profile finishing: Threading in central hole

Damping ring

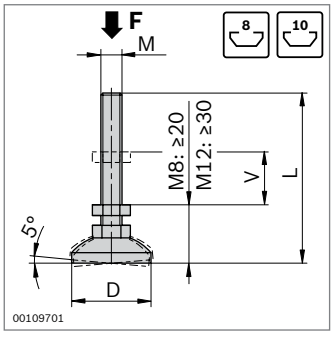
- The electrically insulating damping ring prevents the transfer of vibrations and allows a defined conduction of voltages via a set of grounding components (p. 17-2)

Accessories, optional:
Bearing ring (p. 6-15), for when cover caps with a hole are used, metal bracket 103x103x37, D12.5 (p. 3-35)



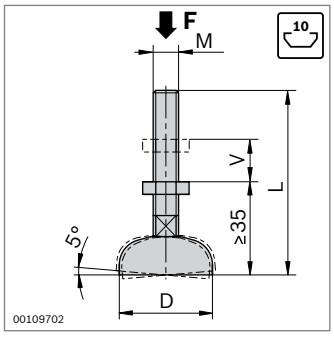
Leveling foot	M	D (mm)	L (mm)		No.
	M6	20	41	20	**3 842 518 743**

Material: Steel/plastic



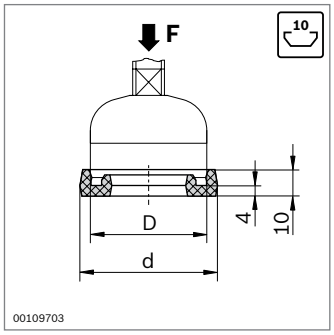
Leveling foot	F (N)	M	D (mm)	L (mm)	V (mm)	ESD		No.
	5000	M8	30	65	15		20	**3 842 502 257**
	8000	M12	30	72	14		20	**3 842 529 025**

Material: Steel; zinc-plated



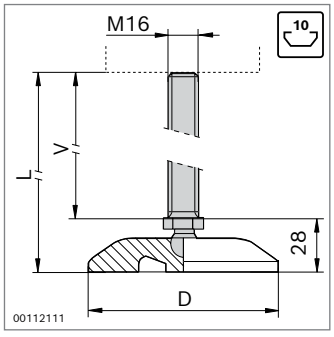
Leveling foot	F (N)	M	D (mm)	L (mm)	V (mm)	ESD		No.
	10000	M12	44	85	30		20	**3 842 352 061**
	20000	M16	44	145	80		20	**3 842 311 956**
	10000	M12	44	160	80		20	**3 842 536 470**
	20000	M16	44	200	135		20	**3 842 554 149**
	10000	M12	58	85	30		20	**3 842 511 893**
	20000	M16	90	85	20		20	**3 842 311 950**
	20000	M16	90	145	80		20	**3 842 311 951**
	20000	M16	90	200	135		20	**3 842 527 186**

Material: Steel; zinc-plated



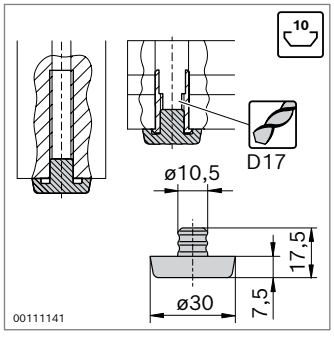
Damping ring	F (N)	D (mm)	d (mm)		No.
	1600	30	39	20	**3 842 529 024**
	2000	44	52	20	**3 842 521 817**
	2500	58	66	20	**3 842 522 301**
	3000	90	98	20	**3 842 522 303**

Material: PUR; natural, hardness: Shore A 70-80



Leveling foot	F (N)	M	D (mm)	L (mm)	V (mm)		No.
	15000	M16	80	95	55	1	**3 842 533 310**

Material: Spindle: Stainless steel
Base plate: PA

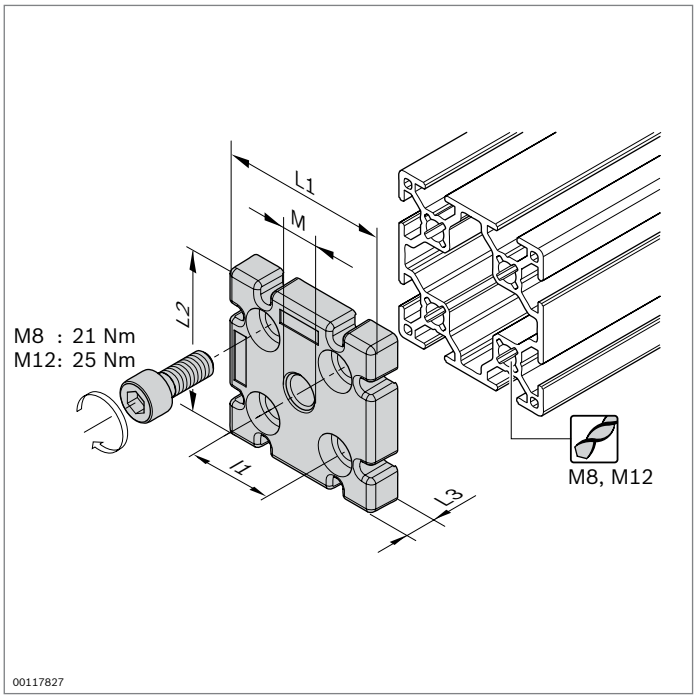


Foot		No.
	100	**3 842 563 296**

Material: TPE; black

Accessories, optional:

- Threaded sleeve **3 842 504 790** (p. 6-7)



Plate



- For fastening leveling feet in profiles without a central hole
- For use as an end connector or T-connector
- Profile finishing: Tapping of thread in the central hole

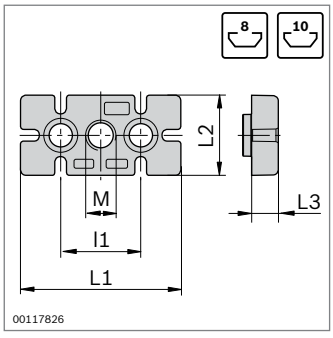


Plate	F (N)	M	L1 (mm)	l1 (mm)	L2 (mm)	L3 (mm)	No.	FS
30x60	8000	M12	60	30	30	11	**3 842 536 560**	2xFS1
40x80	10000	M12	80	40	40	15	**3 842 536 562**	2xFS2
45x90	20000	M16	90	45	45	15	**3 842 536 564**	2xFS2

Material: Plate: Diecast aluminum
Fastening material: Steel; zinc-plated
Scope of delivery: Incl. fastening material (FS)

FS1

DIN 7984 M8x20

FS2

DIN 7984 M12x20

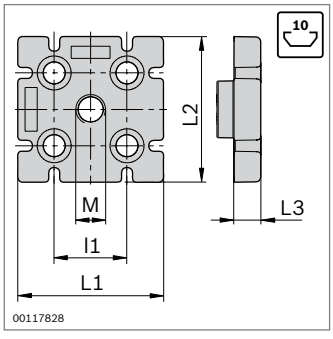


Plate	F (N)	M	L1 (mm)	l1 (mm)	L2 (mm)	L3 (mm)	No.	FS
60x60 8N	10000	M12	60	30	60	11	**3 842 536 566**	4xFS1
80x80L	10000	M12	80	40	80	15	**3 842 529 416**	4xFS2
90x90L	20000	M16	90	45	90	15	**3 842 511 352**	4xFS2
100x100L	20000	M16	100	50	100	15	**3 842 529 417**	4xFS2

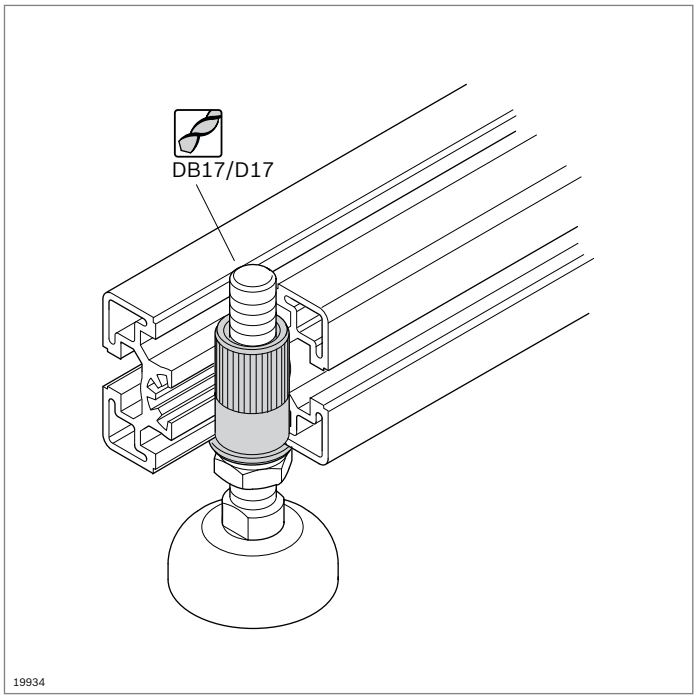
Material: Plate: Diecast aluminum
Fastening material: Steel; zinc-plated
Scope of delivery: Incl. fastening material (FS)

FS1

DIN 7984 M8x20

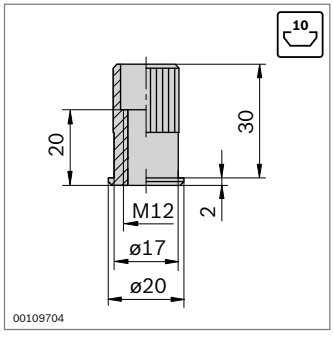
FS2

DIN 7984 M12x20

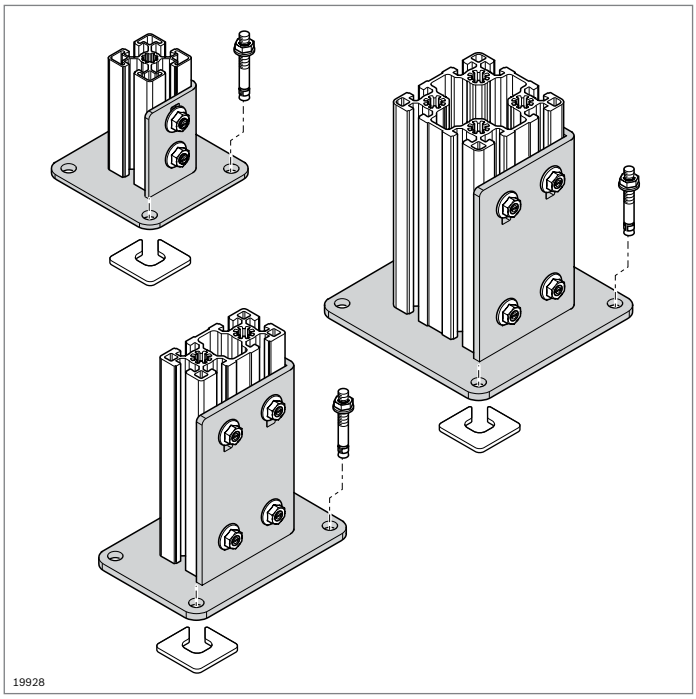


Threaded sleeve

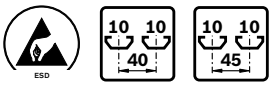
- For fastening leveling feet at an angle to the longitudinal profile direction
- Profile finishing:
  - Drilling of blind hole DB17
  - Through-hole D17



Threaded sleeve		F (N)	M	No.
		8000	M12	**3 842 504 790**
Material:	Steel; zinc-plated			



Base plate, steel

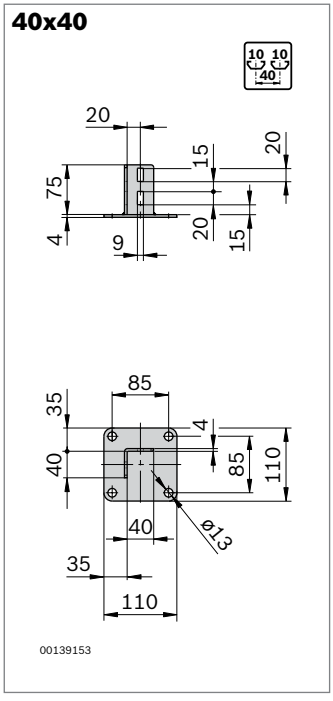


- For the construction of all kinds of leg sets
- Profile finishing: Not required

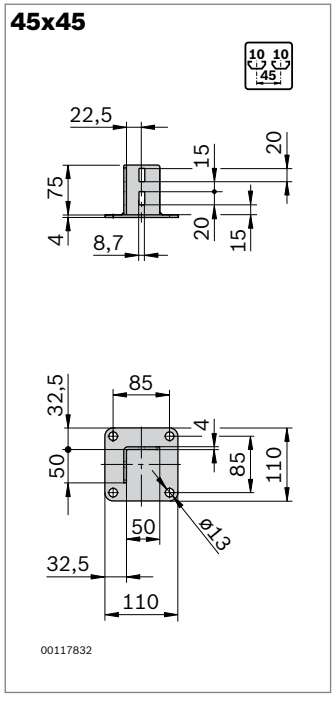
Accessories:

- T-bolt M8x20, 10 mm slot (p. 3-6)
- Flange nut M8 (p. 3-6)
- Floor dowel **3 842 526 561** (p. 6-13)
- Washer (p. 6-14)

40x40



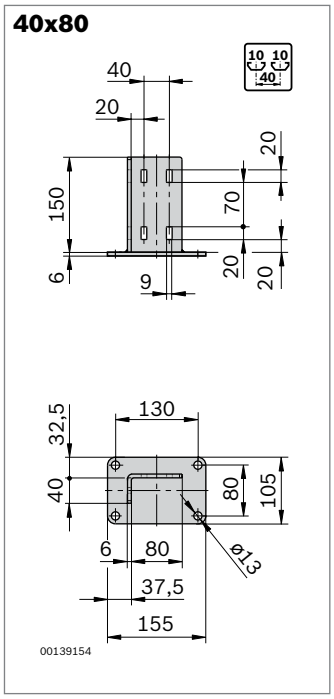
45x45



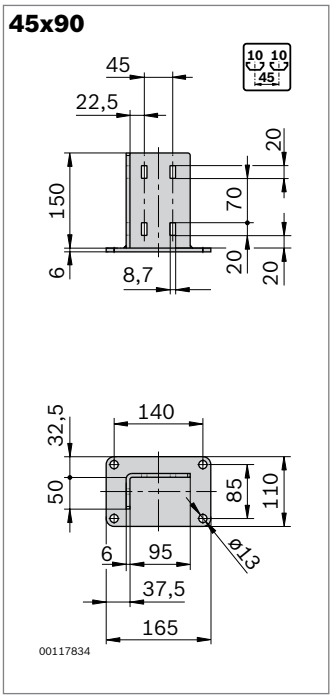
Base plate, steel	ESD	No.
40x40	ESD	**3 842 542 667**
45x45	ESD	**3 842 536 581**

Material: Steel; zinc-plated

40x80



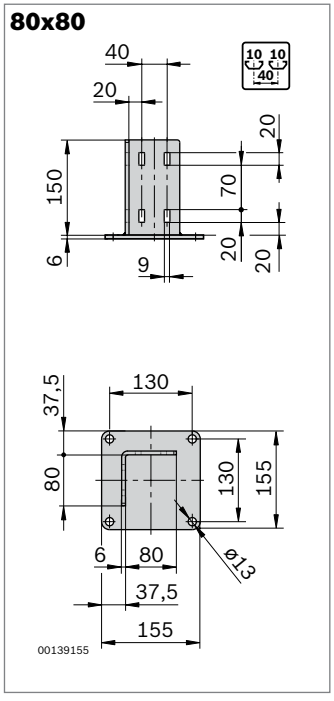
45x90



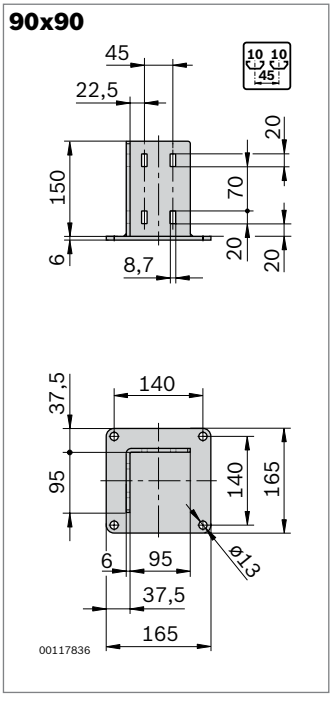
Base plate, steel	ESD	No.
40x80		**3 842 542 668**
45x90		**3 842 536 207**

Material: Steel; zinc-plated

80x80

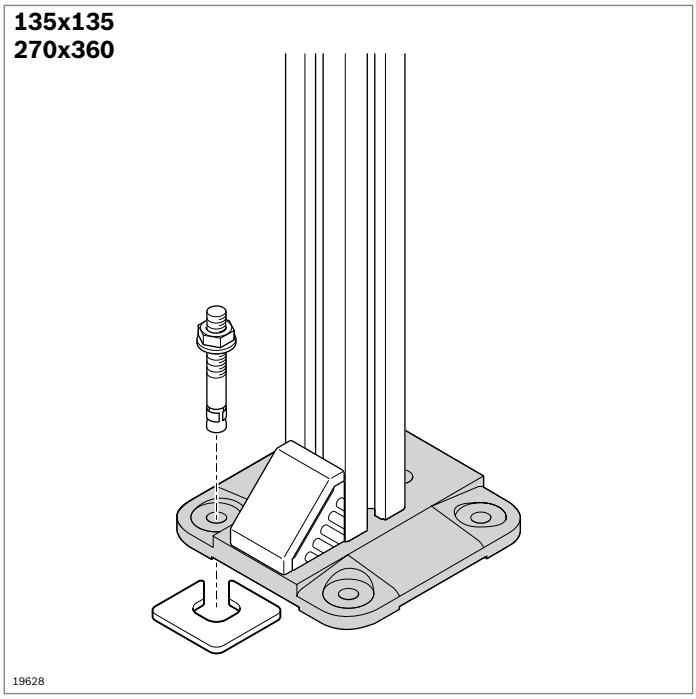


90x90



Base plate, steel	ESD	No.
80x80		**3 842 542 669**
90x90		**3 842 536 746**

Material: Steel; zinc-plated

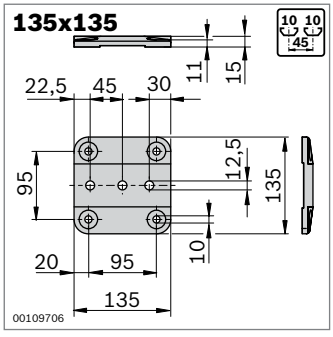


Base plate 135x135, 270x360



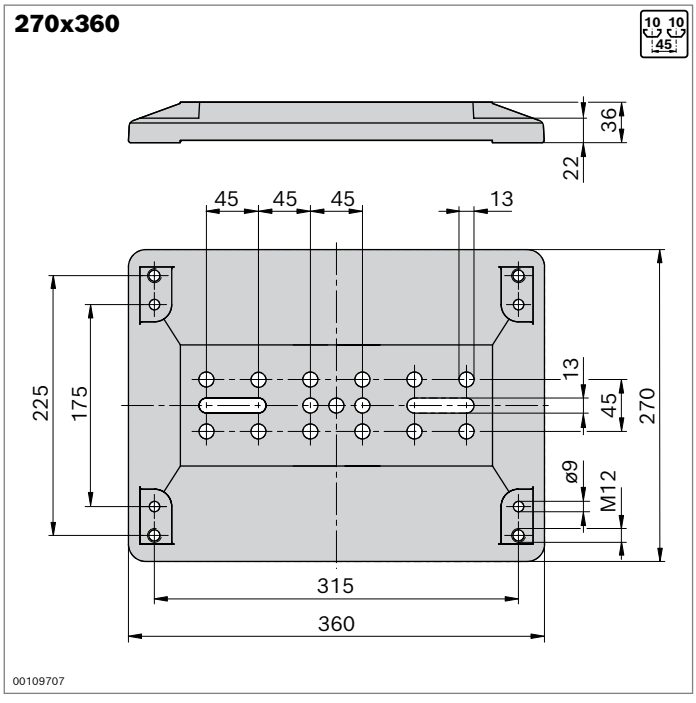
- Used in construction for supporting separating and protective walls
- Anchoring with floor dowel

Required accessories:
Bracket (p. 3-19)



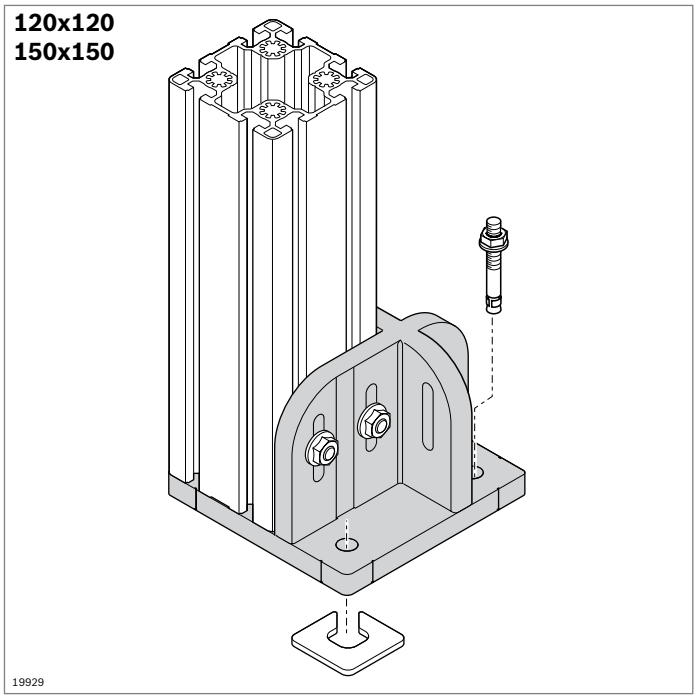
Base plate		ESD	No.
135x135		ESD	**3 842 516 175**
Material:	Diecast aluminum		

Required accessories:
- Floor dowel **3 842 526 560** (p. 6-13)
- Washer (p. 6-14)

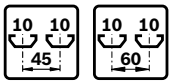


Base plate		No.
270x360		**3 842 514 567**
Material:	Gray cast iron; black powder-coated	

Required accessories:
- Floor dowel **3 842 540 668** (p. 6-13)
- Washer (p. 6-14)



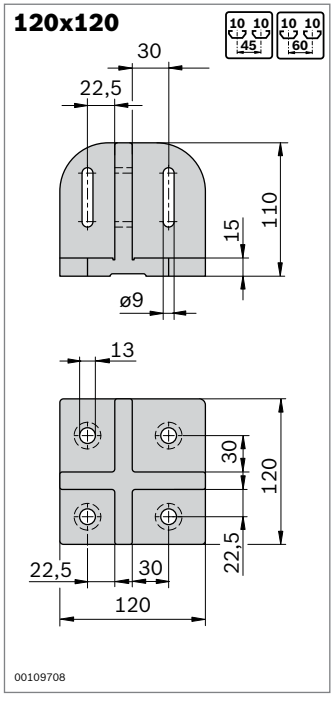
Base plate 120x120, 150x150

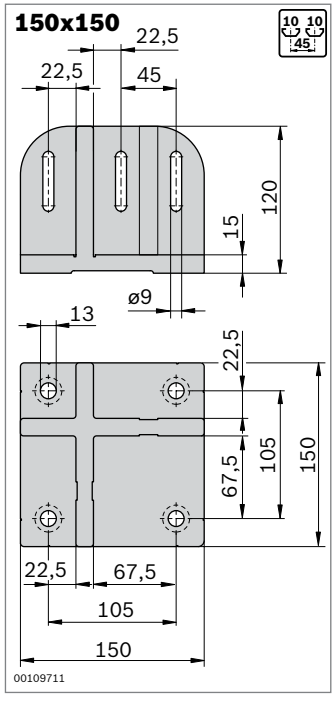


- For flush mounting of supports. No danger of tripping!
- Markings arranged at the center of the profile for precise alignment
- Anchoring with floor dowel

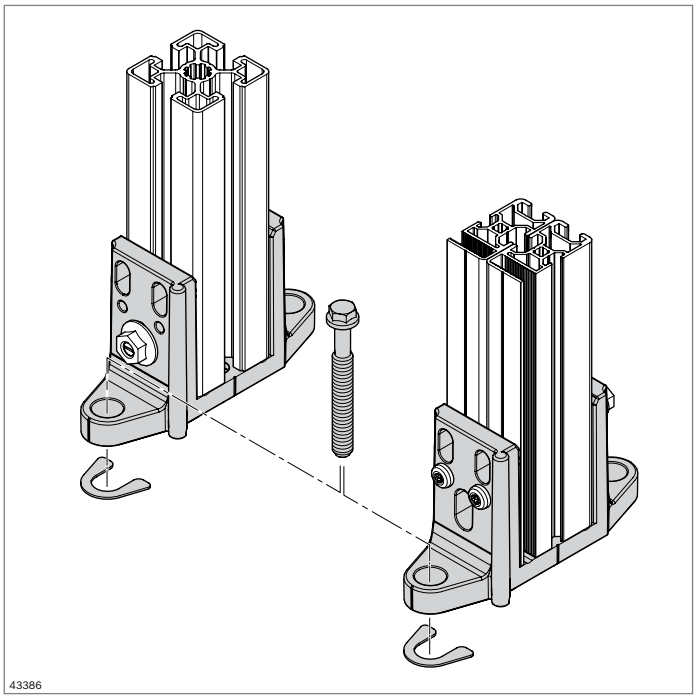
Accessories:

- T-bolt M8x30 **3 842 528 721** (p. 3-6)
- Flange nut M8 **3 842 345 081** (p. 3-6)
- Floor dowel **3 842 526 561** (p. 6-13)
- Washer (p. 6-14)
- Anchor bolt **3 842 564 815** (p. 6-14)

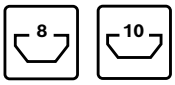




Base plate		ESD	No.
120x120		⚠	**3 842 527 553**
150x150		⚠	**3 842 524 469**
Material:	Diecast aluminum		



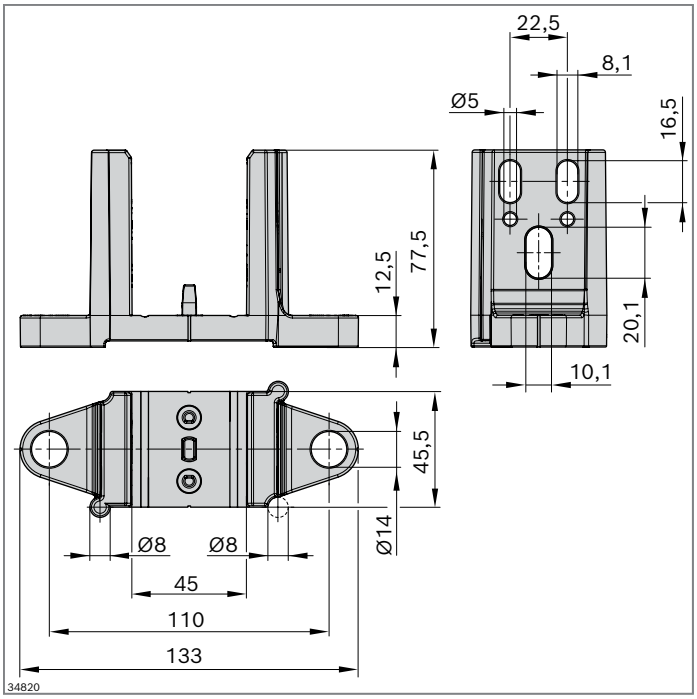
Foot 45x45



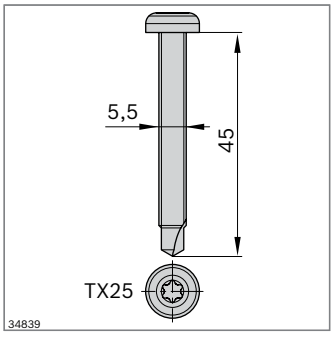
- For anchoring leg sets to the ground
- Hinge function for angular adjustment of 0-45 degrees
- For frame profile 22.5x45 or strut profile 45x45 (L)

Accessories:

- For fastening frame profile 22.5x45: 1x self-tapping screw 3 842 567 970; 1x T-bolt M6x20 3 842 523 921; 1x flange nut 3 842 523 925
- For fastening strut profile 45x45 (L): 2x T-bolt M8x25 3 842 528 718 2x flange nut 3 842 345 081
- No profile finishing required

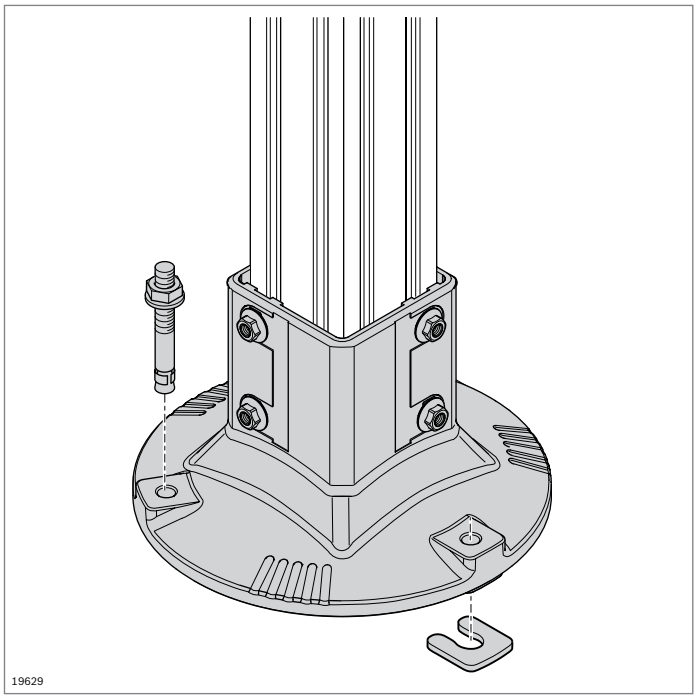


Foot 45x45		ESD	Slot	No.
		⚠	8, 10	**3 842 564 814**
Material:	Diecast zinc			



- Self-tapping screw for fastening frame profile 22.5x45 in the foot 45x45 on the closed side

Self-tapping screw ZE, PI 5, 5x45		ESD		No.
		⚠	100	**3 842 567 970**
Material:	Steel, galvanized			



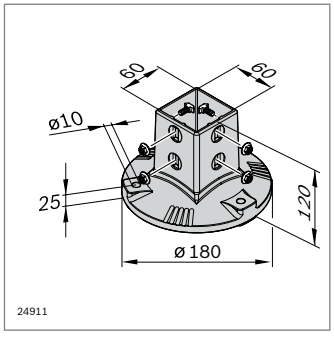
Foot
Floor dowel, washer

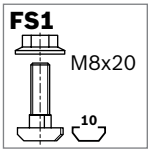
Foot

- For constructing supports made of 80x80L and 60x60 profiles
- Large standing surface for high stability
- Easy cleaning thanks to few horizontal surfaces
- Open on the inside to enable draining of liquids
- Stop as depth limit for profile (removable)

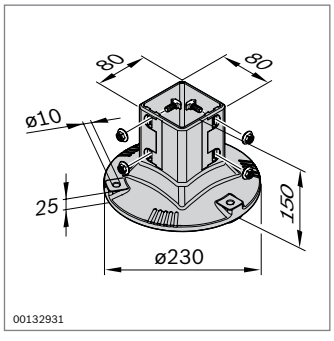
Required accessories:

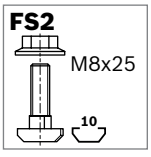
- Floor dowel **3 842 540 668**
- Washer **3 842 546 717** or **3 842 546 718**



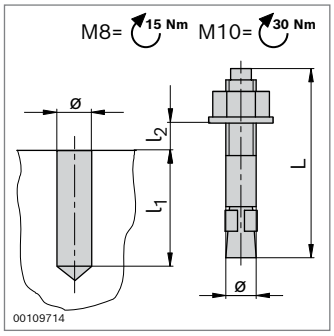


Foot AL		No.	FS
60x60	1	**3 842 544 875**	4xFS1
Material:	Aluminum, silver coating (RAL 9006) Fastening material: Steel; zinc-plated		
Scope of delivery:	Incl. Fastening material (FS1)		





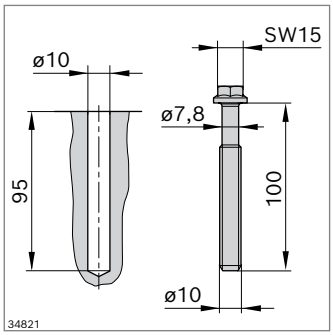
Foot		No.	FS
80x80	1	**3 842 540 173**	4xFS2
Material:	Aluminum, silver coating (RAL 9006) Fastening material: Steel; zinc-plated		
Scope of delivery:	Incl. Fastening material (FS1)		



Floor dowel

- For anchoring the base plates

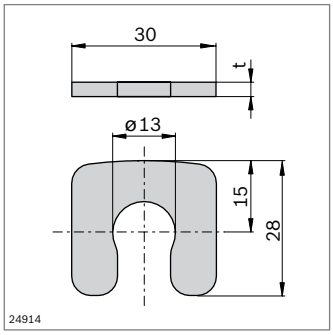
Floor dowel	ø (mm)	L (mm)	l_1 (mm)	$l_{2\,max}$ (mm)		No.
	8	80	65	15	100	**3 842 526 560**
	10	90	70	15	100	**3 842 526 561**
	8	95	65	30	100	**3 842 540 668**
Material:	Steel; zinc-plated					



Anchor bolt

- To anchor the foot to the ground
- Mechanical tightening with impact wrench
- Adjustability of attachment up to 2 times after assembly possible
- For cracked and non-cracked concrete

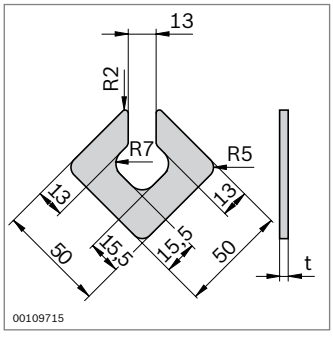
Anchor bolt SW15-10x100	ESD		No.
		100	**3 842 564 815**



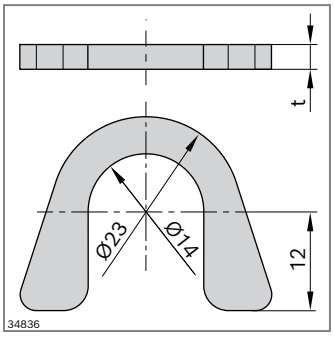
Washer

- For leveling in case of uneven flooring

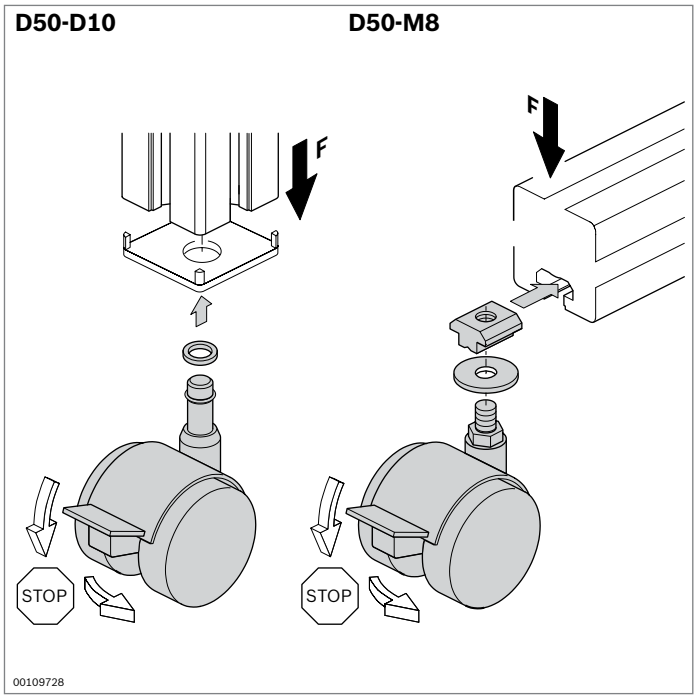
Washer	t (mm)		No.
for round feet	1	100	**3 842 546 717**
	3	100	**3 842 546 718**
Material:	Steel; stainless		



Washer	t (mm)		No.
for square feet	1	100	**3 842 528 189**
	4	100	**3 842 528 191**
Material:	Steel; stainless		



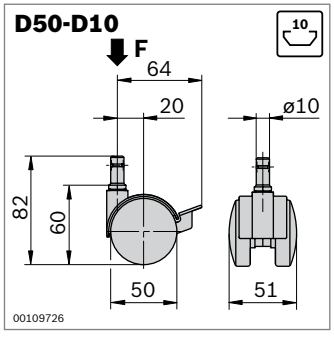
Washer	Ø (mm)	t (mm)	ESD		No.
for foot 45x45	23	1		100	**3 842 564 830**
	23	3		100	**3 842 564 831**
Material:	Stainless steel				



Double wheel



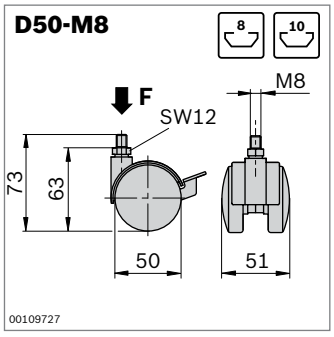
- Attractive double wheel for light applications
- Made of oil-resistant material
- Braked double roller
- Double wheel D50-D10 for insertion in the central hole with a diameter of 10 mm
- Double wheel D50-M8 for bolting in the profile slot

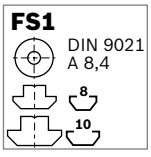


Double wheel	F (N)	ESD		No.
D50-D10	400		4	**3 842 515 457**
	400	1)	4	**3 842 515 459**

1) Antistatic ≤ 10^6 Ω according to DIN EN 12528

Material: Housing, wheel, lock: PA; black
Running surface: PU (not with ESD version)
Fastening material: Steel; zinc-plated

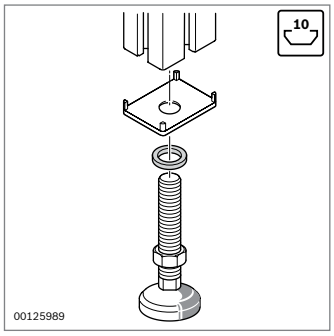


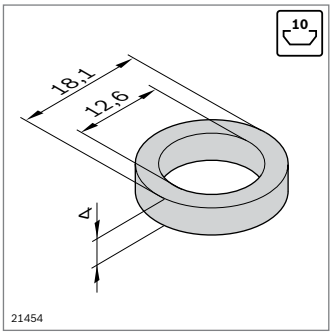


Double wheel	F (N)	ESD		No.	FS
D50-M8	400		4	**3 842 535 669**	FS1
	400	1)	4	**3 842 535 670**	FS1

1) Antistatic ≤ 10^6 Ω according to DIN EN 12528

Material: Housing, wheel, lock: PA; black
Running surface: PU (not with ESD version)
Fastening material: Steel; zinc-plated





Bearing ring

- For cover caps with hole in the sizes 40x40, 45x45,50x50 and 60x60
- For M12 threads
- To protect the cover caps when tightening accessories

Bearing ring		No.
	100	**3 842 555 653**

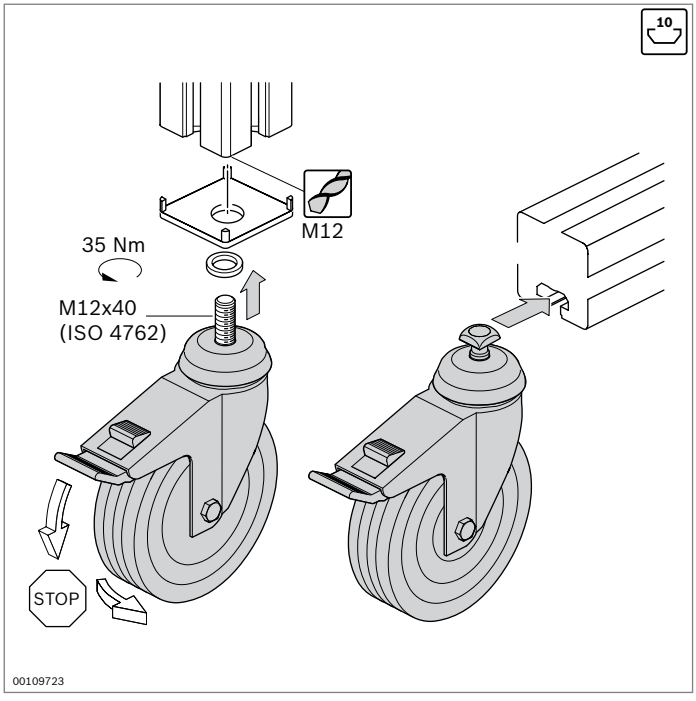
Material: Diecast zinc











Roller

- Impressive versatility
- Wheels with excellent running properties
- Available as a castor wheel with lock, a castor wheel, and a trestle roller

Especially gentle on floors

Resistant to oil, suitable for workshop floors

Clean Room Suitable for use in clean rooms.
Conductive material version in accordance with DIN EN 61340-5-1; conduction resistance 10^3 to 10^8 Ω
Tested for particulate emissions.
Report No. BL1906-1121

Rubber running surface made of solid rubber with good deformation elasticity. No permanent flattening of the wheel due to it traveling over edges or not being moved for long periods

Suitable for ESD-sensitive areas.
Conductive material version in accordance with DIN EN 61340-5-1; conduction resistance ≤ 10^6 Ω

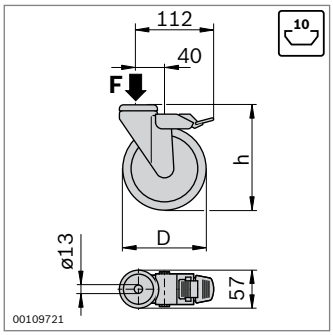
- Mounting of all wheels in the profile slot or central hole (accessories required)
- Profile finishing: Thread cutting M12 for assembly in central hole

Required accessories:

- Screw M12x40 (ISO 4762) for mounting in central hole (↻ 35 Nm)
- Bearing ring if cover cap with hole is used (p. 6-15)

Wheel selection guide

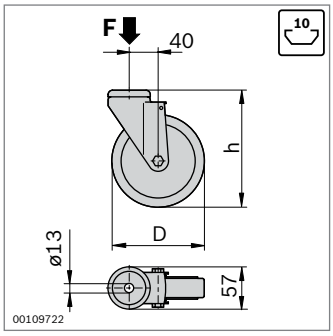
				
Tread	**Thermoplastic rubber**	**Polyamide 6**	**Solid rubber**	**Thermoplastic polyurethane**
ESD	yes / no (optional)	no	yes	yes
Tread hardness	85° Shore A	70° Shore D	80° Shore A	94° Shore A
Temperature resistance	–20 °C ... +60 °C	–25 °C ... 80 °C	–20 °C ... +60 °C	–20 °C ... +70 °C
Rolling resistance	very good	outstanding	good	very good
Travel noise	good	satisfactory	very good	good
Floor protection	good	satisfactory	very good	good
Deformation elasticity Tread	satisfactory	adequate	very good	good
Tread color	gray	black	black	gray
Makes no track marks	yes	yes	no	yes



FS1
M12X30
DIN 985
M12

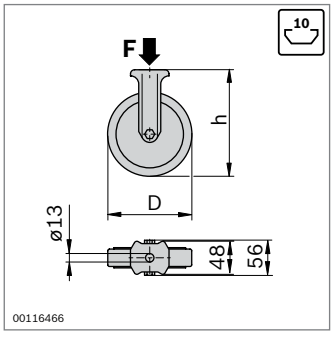
▶ Castor wheel with lock: Lock prevents the wheel from rolling or turning

Castor wheel with lock	F (N)	D (mm)	h (mm)	ESD	No.	FS
	900	80	108		**3 842 541 226**	FS1
	1100	125	158		**3 842 541 228**	FS1
	900	80	108	⚠	**3 842 541 230**	FS1
	1100	125	158	⚠	**3 842 541 232**	FS1
	1100	125	158		**3 842 515 367**	FS1
Clean Room	1000	125	158	⚠	**3 842 562 055**	FS1
	600	80	108	⚠	**3 842 547 836**	FS1
	800	125	158	⚠	**3 842 547 838**	FS1



FS1
M12X30
DIN 985
M12

Castor wheel	F (N)	D (mm)	h (mm)	ESD	No.	FS
	900	80	108		**3 842 541 234**	FS1
	1100	125	158		**3 842 541 236**	FS1
	900	80	108	⚠	**3 842 541 238**	FS1
	1100	125	158	⚠	**3 842 541 240**	FS1
	1100	125	158		**3 842 515 366**	FS1
Clean Room	1000	125	158	⚠	**3 842 562 056**	FS1
	600	80	108	⚠	**3 842 547 835**	FS1
	800	125	158	⚠	**3 842 547 837**	FS1

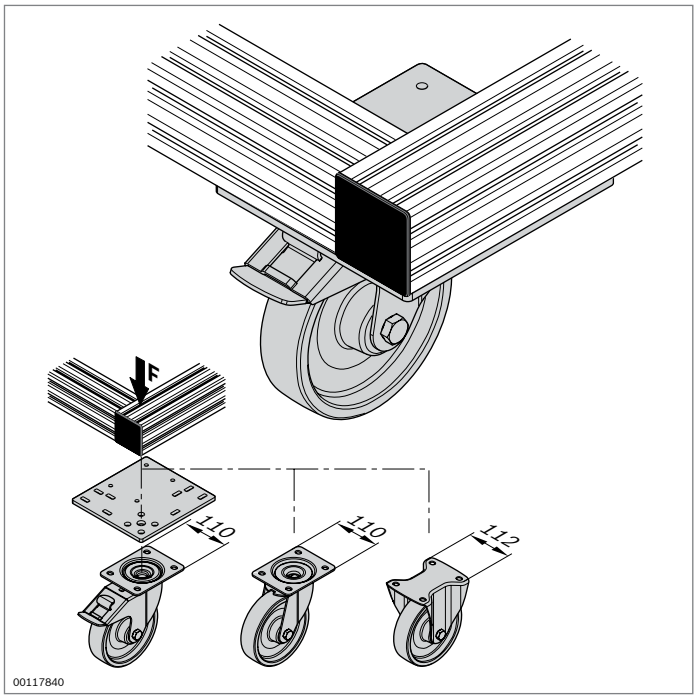


FS1
M12x22
DIN 985
M12

Trestle roller	F (N)	D (mm)	h (mm)	ESD	No.	FS
	900	80	108	⚠	**3 842 541 242**	FS1
	1100	125	158	⚠	**3 842 541 244**	FS1
	600	80	108	⚠	**3 842 547 839**	FS1
	800	125	158	⚠	**3 842 547 840**	FS1

Material:

- Thermoplastic rubber
- Reinforced PA
- Clean Room: Gray TPU, housing: Steel; chrome-plated
- Solid rubber
- ⚠: Conductive, conduction resistance ≤10^6 Ω



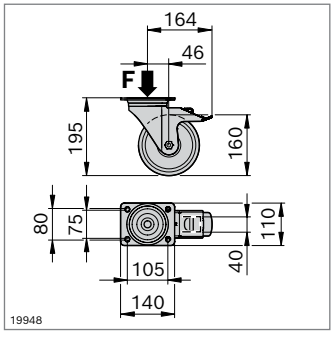
Heavy-duty wheel



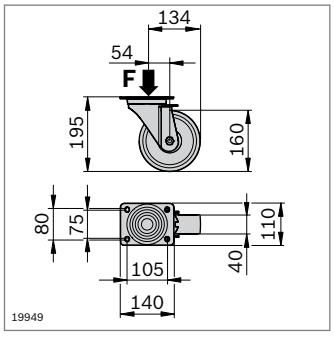
- Heavy-duty wheel with mounting flange
- Available as a castor wheel with lock, a castor wheel, and a trestle roller
- Heavy-duty, particularly suited for workshop applications
- Wheels with excellent running properties

Required accessories:

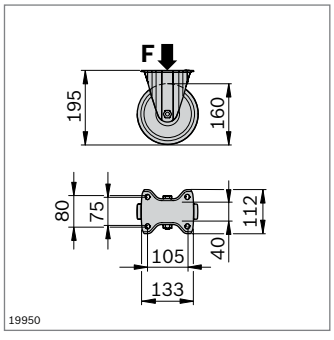
- Screw M10x16 (ISO 4762), washer ISO 7089-10, lock washer 10FSt for fastening to the screw-on plate
- T-bolt, flange nut, central bolt M12 or S12 for fastening the screw-on plate to the profile frame



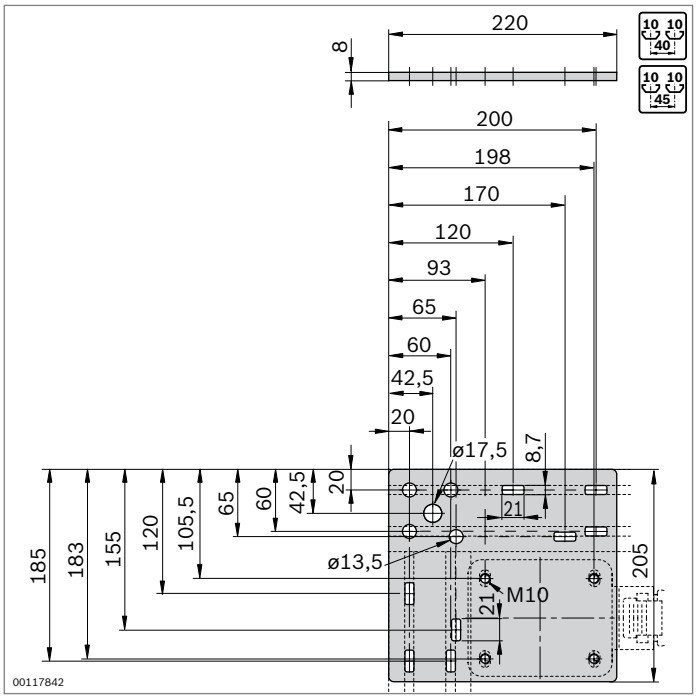
Castor wheel with lock		**F** (N)	**No.**
		3000	**3 842 562 057**
Material:	Housing: Steel; zinc-plated Wheel: TPU, hardness 94 Shore A, gray		



Castor wheel		**F** (N)	**No.**
		3000	**3 842 562 058**
Material:	Housing: Steel; zinc-plated Wheel: TPU, hardness 94 Shore A, gray		

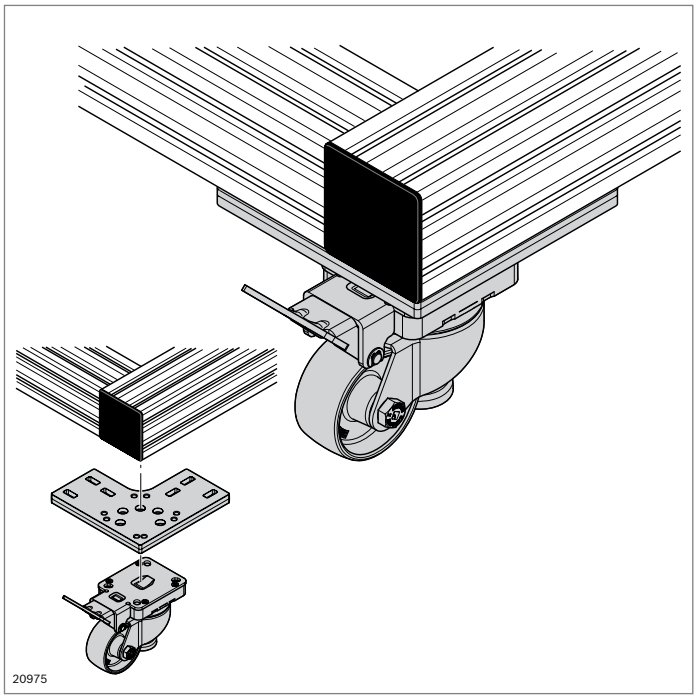


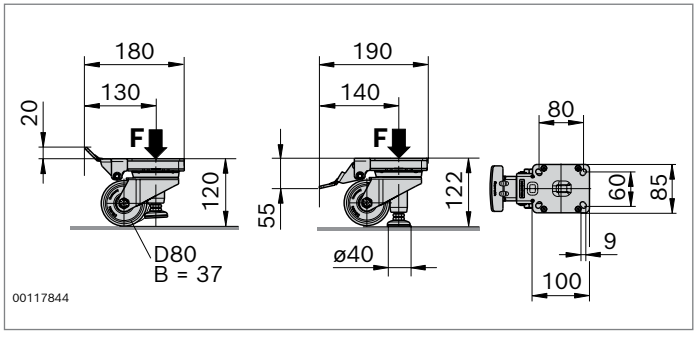
Trestle roller		**F** (N)	**No.**
		3000	**3 842 562 059**
Material:	Housing: Steel; zinc-plated Wheel: TPU, hardness 94 Shore A, gray		

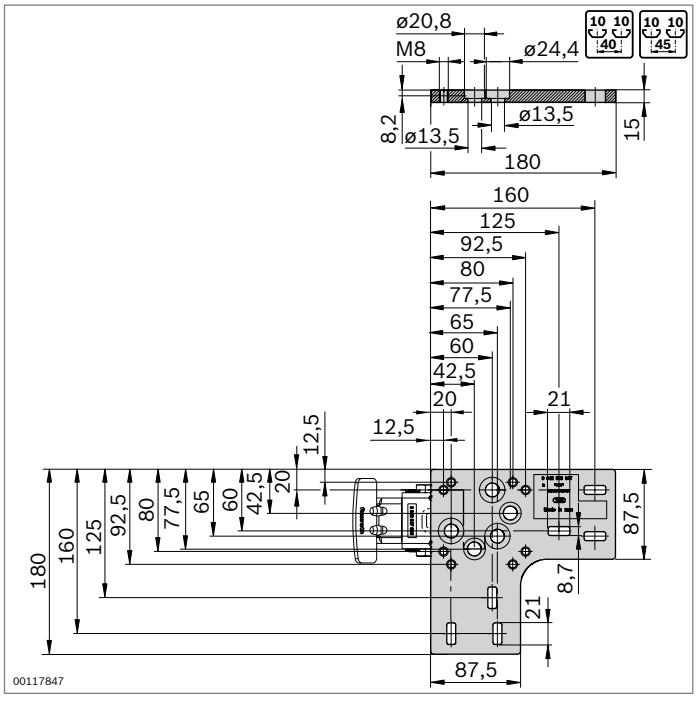


- Screw-on plate for attachment to 40 mm or 45 mm profiles

Screw-on plate			No.
		4	**3 842 536 701**
Material:	Steel; zinc-plated		







Lifting wheel



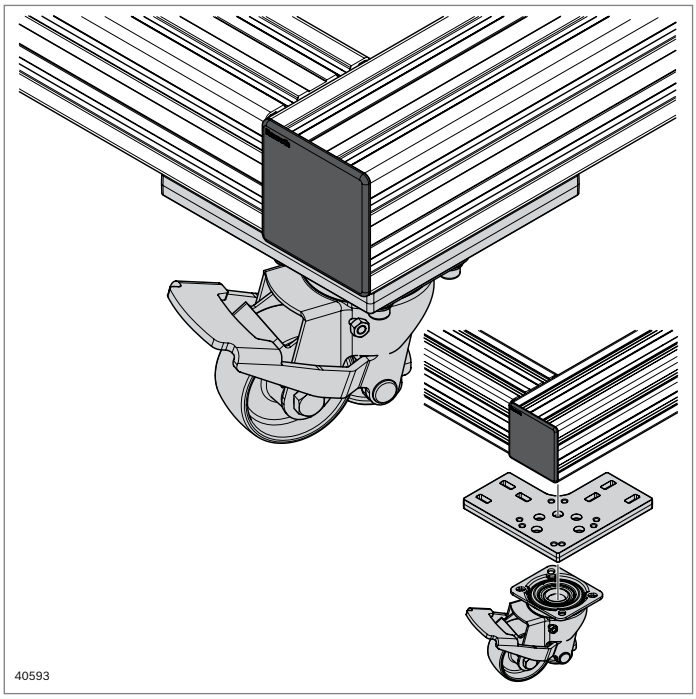
- Steerable lifting wheel
- The wheel turns into a stable base simply by engaging the stop lever
- Screw-on plate for mounting the lifting wheel
- With “Ideal-Stop”: Locking lever does not swivel with the castor wheel but remains in the defined position.
  The locking lever is fixed in position on the frame by means of the screw-on plate, and the castor wheel moves freely

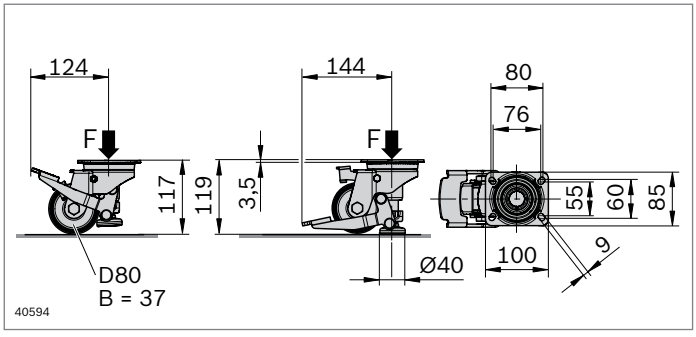
Required accessories:

- Screw M8x35 (ISO 4762), washer 8 (DIN EN ISO 7089), lock washer 8 FSt for attaching to the screw-on plate
- T-bolt M8x30 (p. 3-6), flange nut M8 (p. 3-6), central bolt M12 or S12 (p. 3-43) for fastening the screw-on plate to the profile frame

Lifting wheel		**F** (N)	**No.**
		2300	**3 842 547 890**
Material:	Wheel: PA6, natural white Housing: Steel; zinc-plated Base plate: Rubber, gray		

Screw-on plate			**No.**
		4	**3 842 553 967**
Material:	Diecast aluminum		





Lifting wheel – Rotatable Pedal ESD

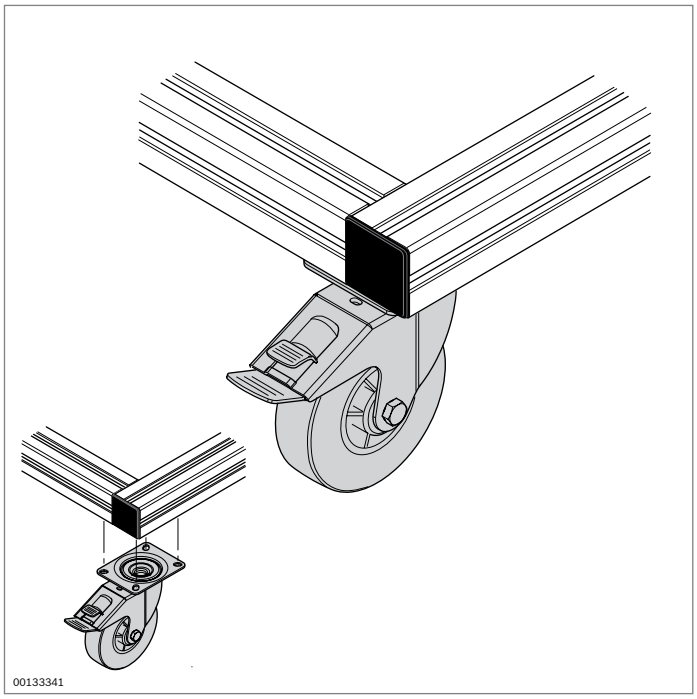
- Steerable lifting wheel
- The wheel turns into a stable base simply by engaging the lock
- The locking lever moves with the wheel
- The locking lever can be moved under the frame if necessary
- The base is centered under the rotary table

Required accessories:

- Screw M8x20 (ISO 4762), washer 8 (DIN EN ISO 7089), lock washer 8 FSt for attaching to the screw-on plate
- Screw-on plate 3 842 553 967 (p. 6-21)
- Flange head screw similar to ISO 7380-2 10.9 M8x25, however, Torx 40 (tightening torque 25 Nm), T-nut 10 M8 (p. 3-4), central bolt M12 or S12 (p. 3-43) for fastening the screw-on plate to the profile frame

Lifting wheel	ESD	F (N)	No.
Rotatable Pedal	⏚	2300	**3 842 562 085**

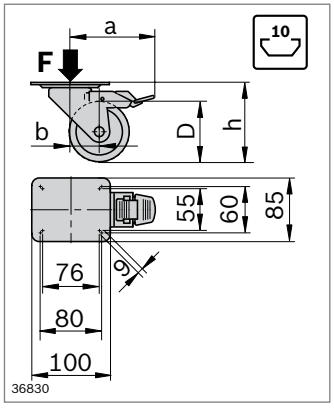
Material: Wheel: PA6, natural white
Housing: Steel; zinc-plated
Base plate: Rubber; black



Roller with mounting flange

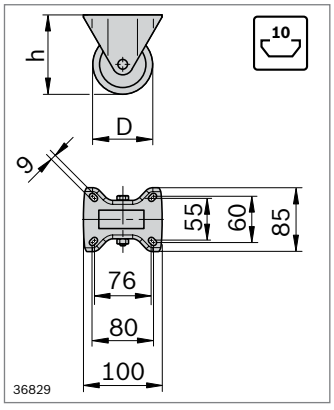
10

- Robust rollers with mounting flange
- Excellent running properties, particularly suitable for workshop floors
- Available as a castor wheel with lock and as a trestle roller
- Castor wheel with lock: Lock prevents the wheel from rolling or turning



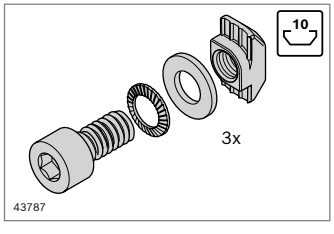
Castor wheel	F (N)	D (mm)	h (mm)	a (mm)	b (mm)	No.
	600	100	125	113	36±2	**3 842 259 790**
	900	125	150	123	40±2	**3 842 259 791**

Material: Wheel: Solid rubber
Rims: Polypropylene
Housing: Sheet steel; zinc-plated



Trestle roller	F (N)	D (mm)	h (mm)	No.
	600	100	125	**3 842 259 792**
	900	125	150	**3 842 259 793**

Material: Wheel: Solid rubber
Rims: Polypropylene
Housing: Sheet steel; zinc-plated



- For castor wheel and trestle roller

Mounting kit		No.
	Set	**3 842 259 794**

Material: Steel; zinc-plated