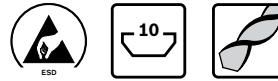




## Wheel





- ▶ Versatile range of uses
- ▶ Wheels with excellent running properties
- ▶ Available as a caster wheel with lock, caster, and trestle wheel

 Especially gentle on floors

 Resistant to oil, for use in workshop areas

**Clean Room** Suitable for use in cleanrooms.  
Conductive material version in accordance with DIN EN 61340-5-1; conduction resistance  $10^3$  to  $10^8 \Omega$

 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  $\leq 10^6 \Omega$

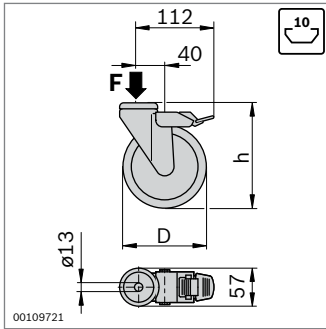
- ▶ Mounting of all wheel in the profile slot or central hole (accessories required)
- ▶ Profile finishing: thread cutting M12 in the case of assembly in central hole

### Required accessories:

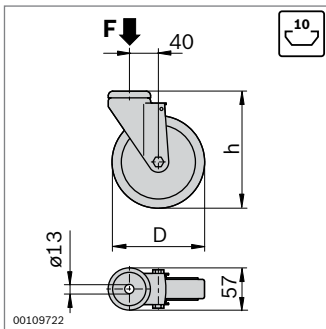
- ▶ Screw M12x40 (ISO 4762) for mounting in central hole ( $\cup$  35 Nm)
- ▶ Bearing ring if cover cap with hole is used (p. 6-16)

Wheel selection guide

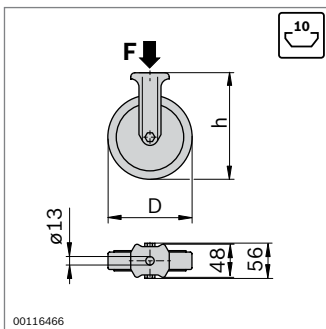
				
<b>Tread</b>	<b>Thermoplastic rubber</b>	<b>Polyamide 6</b>	<b>Solid rubber</b>	<b>Polyurethane</b>
<b>ESD</b>	yes / no (either possible)	No	Yes	Yes
<b>Tread hardness</b>	 85° shore A	 70° shore D	 80° shore A	 94° shore A
<b>Temperature resistance</b>	 -20 °C ... +60 °C	 -25 °C ... 80 °C	 -20 °C ... +60 °C	 -20 °C ... +60 °C
<b>Rolling resistance</b>	 very good	 outstanding	 good	 very good
<b>Travel noise</b>	 good	 satisfactory	 very good	 good
<b>Floor protection</b>	 good	 satisfactory	 very good	 good
<b>Deformation elasticity</b>	 satisfactory	 adequate	 very good	 good
<b>Tread color</b>	gray	black	black	gray
<b>Makes no track marks</b>	Yes	Yes	No	Yes



**FS1**  
 M12X30  
 DIN 985  
M12



**FS1**  
 M12X30  
 DIN 985  
M12



**FS1**  
 M12X30  
 DIN 985  
M12

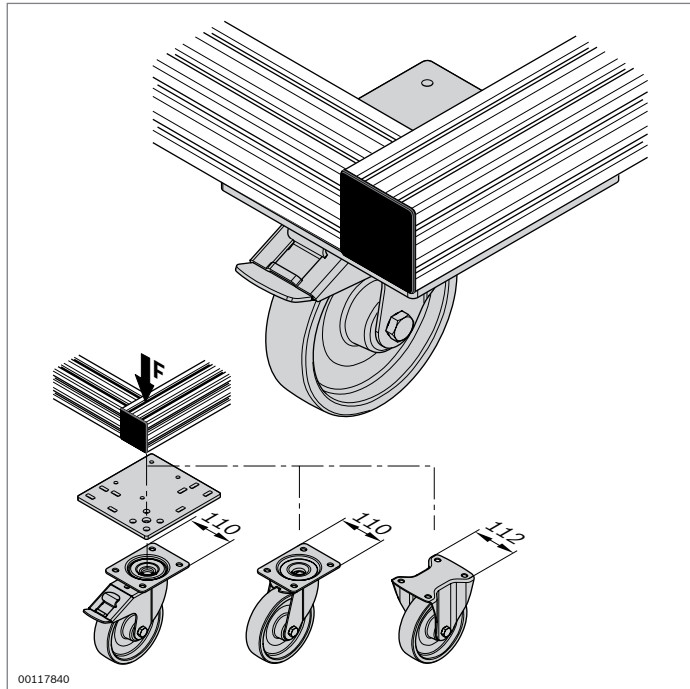
► Steerable caster with lock: lock prevents the wheel from rolling or turning

Caster wheel with lock	F (N)	D (mm)	h (mm)	ESD	No.	FS
	900	80	108		<b>3 842 541 226</b>	FS1
	1100	125	158		<b>3 842 541 228</b>	FS1
	900	80	108		<b>3 842 541 230</b>	FS1
	1100	125	158		<b>3 842 541 232</b>	FS1
	1100	125	158		<b>3 842 515 367</b>	FS1
	1000	125	158		<b>3 842 524 499</b>	FS1
	600	80	108		<b>3 842 547 836</b>	FS1
	800	125	158		<b>3 842 547 838</b>	FS1

Caster wheel	F (N)	D (mm)	h (mm)	ESD	No.	FS
	900	80	108		<b>3 842 541 234</b>	FS1
	1100	125	158		<b>3 842 541 236</b>	FS1
	900	80	108		<b>3 842 541 238</b>	FS1
	1100	125	158		<b>3 842 541 240</b>	FS1
	1100	125	158		<b>3 842 515 366</b>	FS1
	1000	125	158		<b>3 842 524 500</b>	FS1
	600	80	108		<b>3 842 547 835</b>	FS1
	800	125	158		<b>3 842 547 837</b>	FS1

Trestle wheel	F (N)	D (mm)	h (mm)	ESD	No.	FS
	900	80	108		<b>3 842 541 242</b>	FS1
	1100	125	158		<b>3 842 541 244</b>	FS1
	600	80	108		<b>3 842 547 839</b>	FS1
	800	125	158		<b>3 842 547 840</b>	FS1

- Material:
- Thermoplastic rubber
  - Reinforced PA
  - Gray PU; housing: steel, chrome-plated
  - Solid rubber
  - Conductive, conduction resistance  $\leq 10^6 \Omega$



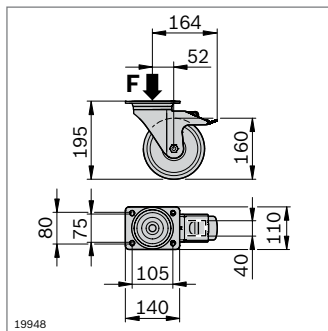
## Heavy-duty wheel



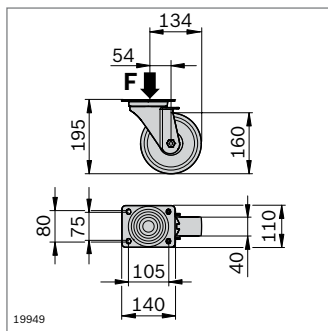
- ▶ Heavy-duty wheel with mounting flange
- ▶ Available as a caster wheel with lock, caster, and trestle wheel
- ▶ Heavy-duty, particularly suited for workshop applications
- ▶ Wheels with excellent running properties

Required accessories:

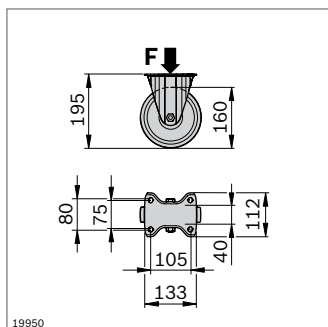
- ▶ screw M10x16 (ISO 4762), washer ISO 7089-10, lock washer 10FSt for fastening to the screw-on plate
- ▶ T-bolt, flange nut, central bolt M12 or S12 for fastening the screw-on plate to the profile frame



19948



19949



19950

Caster wheel with lock	F (N)	No.
	3000	3 842 536 736

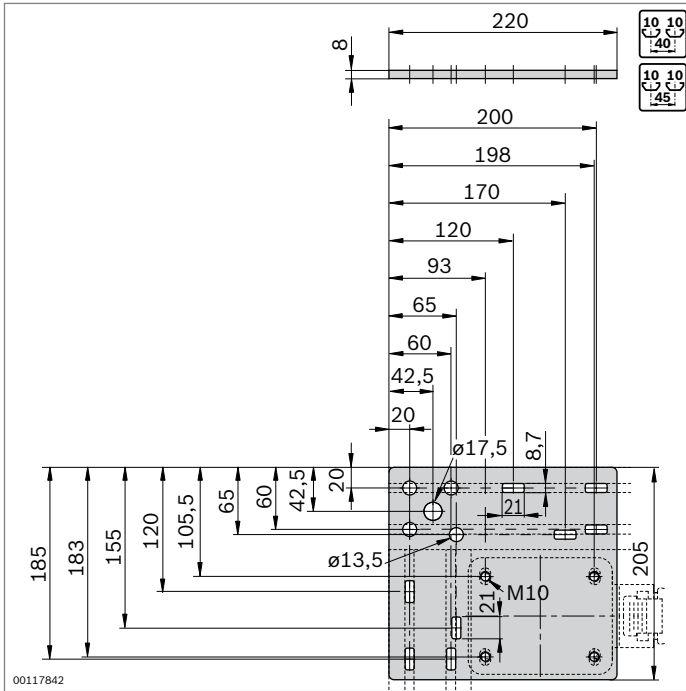
Material: Housing: steel, galvanized,  
Wheel: TPU

Caster wheel	F (N)	No.
	3000	3 842 536 737

Material: Housing: steel, galvanized,  
Wheel: TPU

Trestle wheel	F (N)	No.
	3000	3 842 536 738

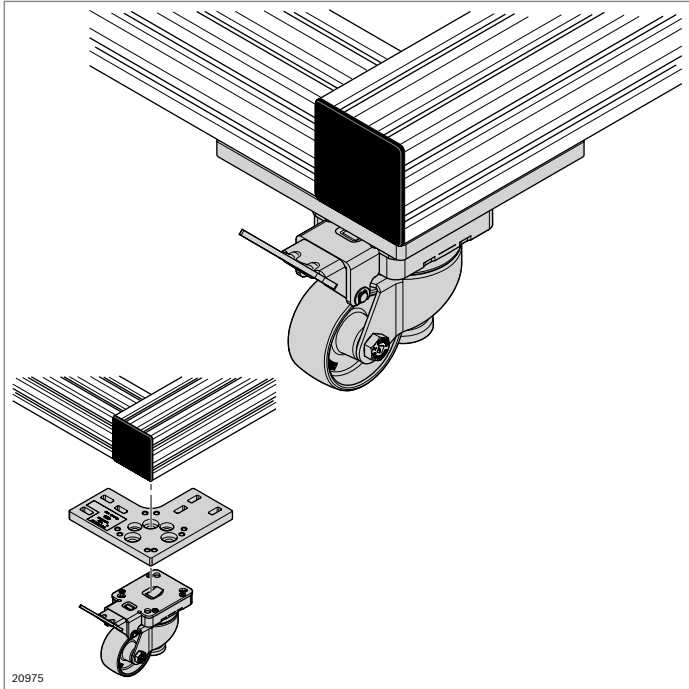
Material: Housing: steel, galvanized,  
Wheel: TPU



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

Screw-on plate	No.
4	3 842 536 701

Material: steel; galvanized



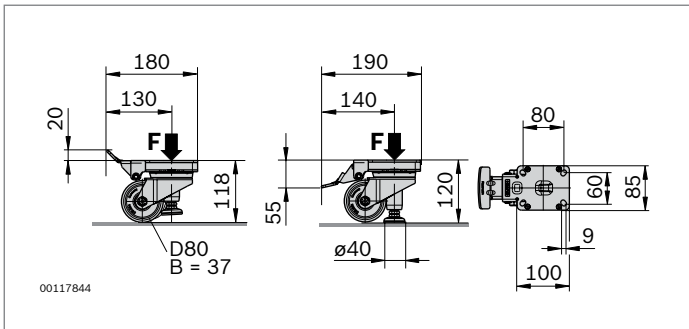
## Lifting wheel



- ▶ 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 steerable caster 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 caster wheel moves freely

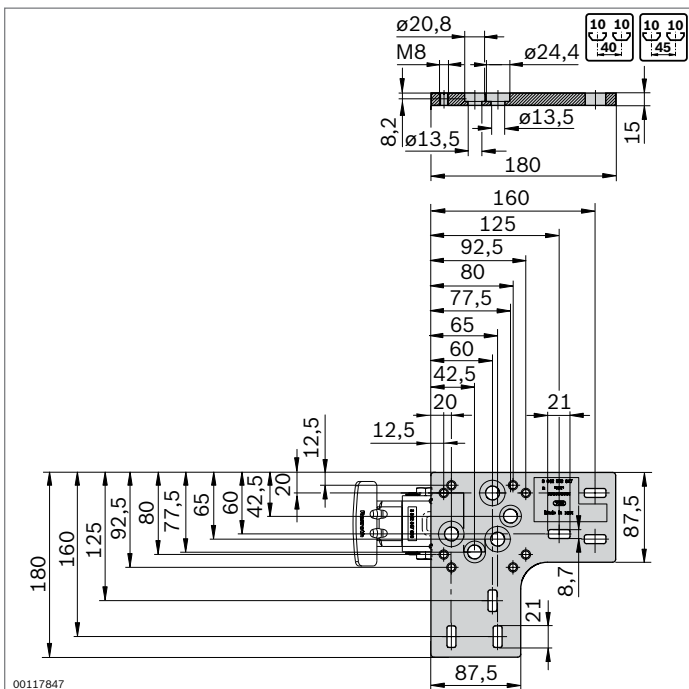
### Required accessories:

- ▶ screw M8x35 (ISO 4762), washer 8 (DIN EN ISO 7089), locking 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. 3-40) for fastening the screw-on plate to the profile frame



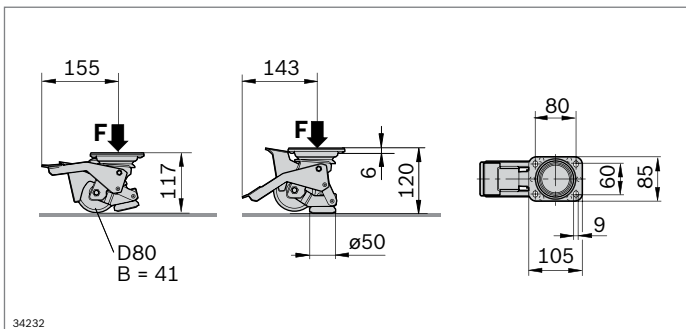
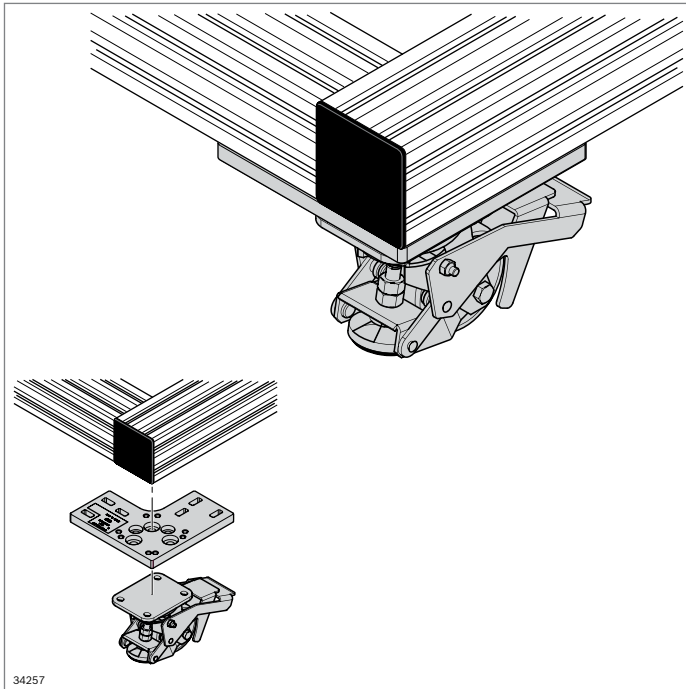
Lifting wheel	F (N)	No.
	2300	<b>3 842 547 890</b>

Material: Wheel: PA6, natural white  
Housing: steel; galvanized  
Base plate: rubber; gray



Screw-on plate	No.
	<b>4 3 842 553 967</b>

Material: Die-cast aluminum



## Lifting wheel - rotatable pedal



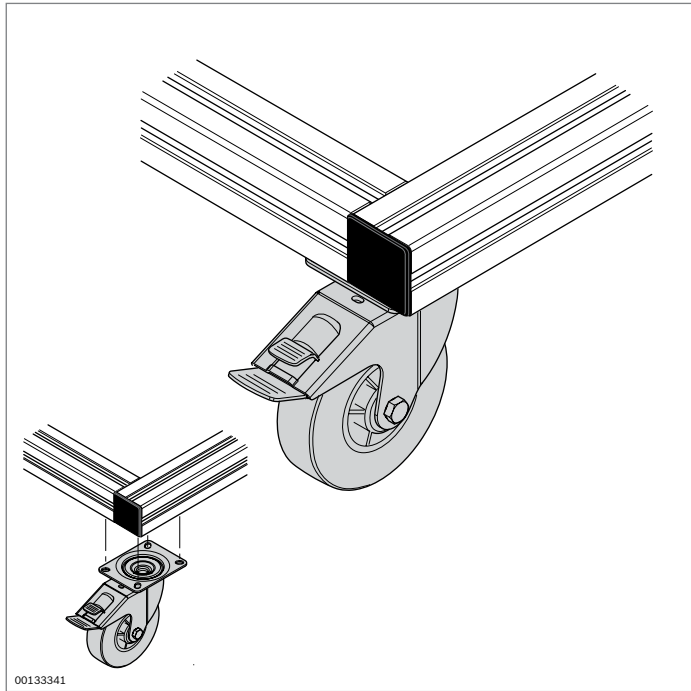
- ▶ Steerable lifting wheel
- ▶ The wheel turns into a stable base simply by engaging the stop lever
- ▶ The locking lever moves with the wheel
- ▶ The locking lever can be moved under the frame if necessary

### Required accessories:

- ▶ screw M8x20 (ISO4762), washer 8 (DIN EN ISO 7089), locking washer 8 FSt for attaching to the screw-on plate
- ▶ Screw-on plate 3 842 553 967 (p. 6-22)
- ▶ T-bolt, flange nut, central bolt M12 or S12 for fastening the screw-on plate to the profile frame

Lifting wheel	F (N)	No.
Rotatable pedal	2000	3 842 555 610

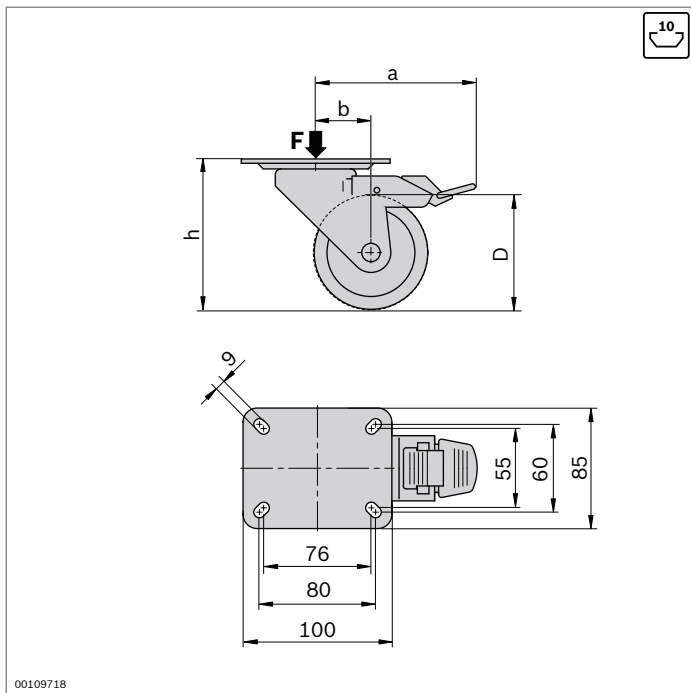
Material: Wheel: PA6, natural white  
 Housing: steel; galvanized  
 Base plate: PA; rubber black



## Wheel with mounting flange



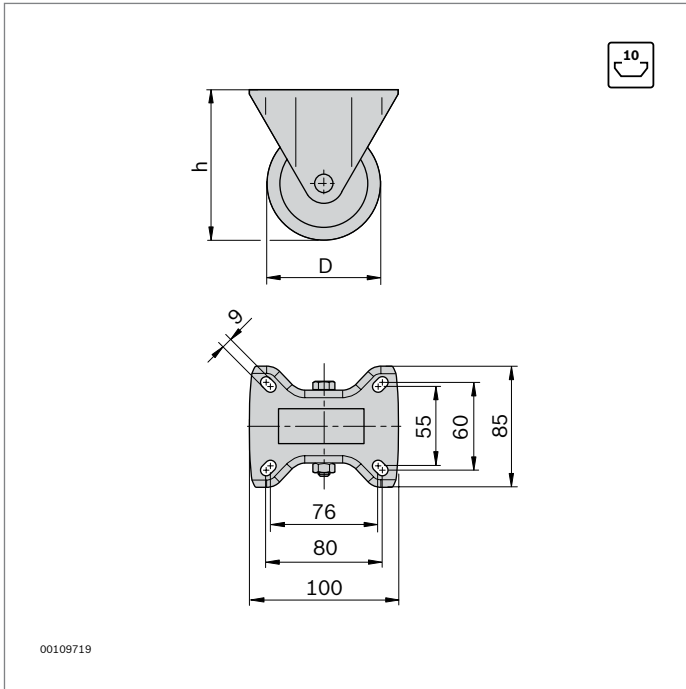
- ▶ Robust rollers with mounting flange
- ▶ Good running properties, particularly suitable for workshop areas
- ▶ Available as a caster wheel with lock and as a trestle wheel
- ▶ Steerable caster with lock: lock prevents the wheel from rolling or turning



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

Material: Wheel: Solid rubber  
Rims: polypropylene  
Housing: sheet steel; galvanized





**FS1**

- ISO 4762
- M8x16
- 8-FSt
- DIN 125, 8,4
- M8
- 

Trestle wheel	F (N)	D (mm)	h (mm)	No.
	600	100	125	<b>3 842 259 792</b>
	900	125	150	<b>3 842 259 793</b>

Material: Wheel: Solid rubber  
 Rims: polypropylene  
 Housing: sheet steel; galvanized

Mounting kit	No.	FS
	<b>3 842 259 794</b>	3xFS1