

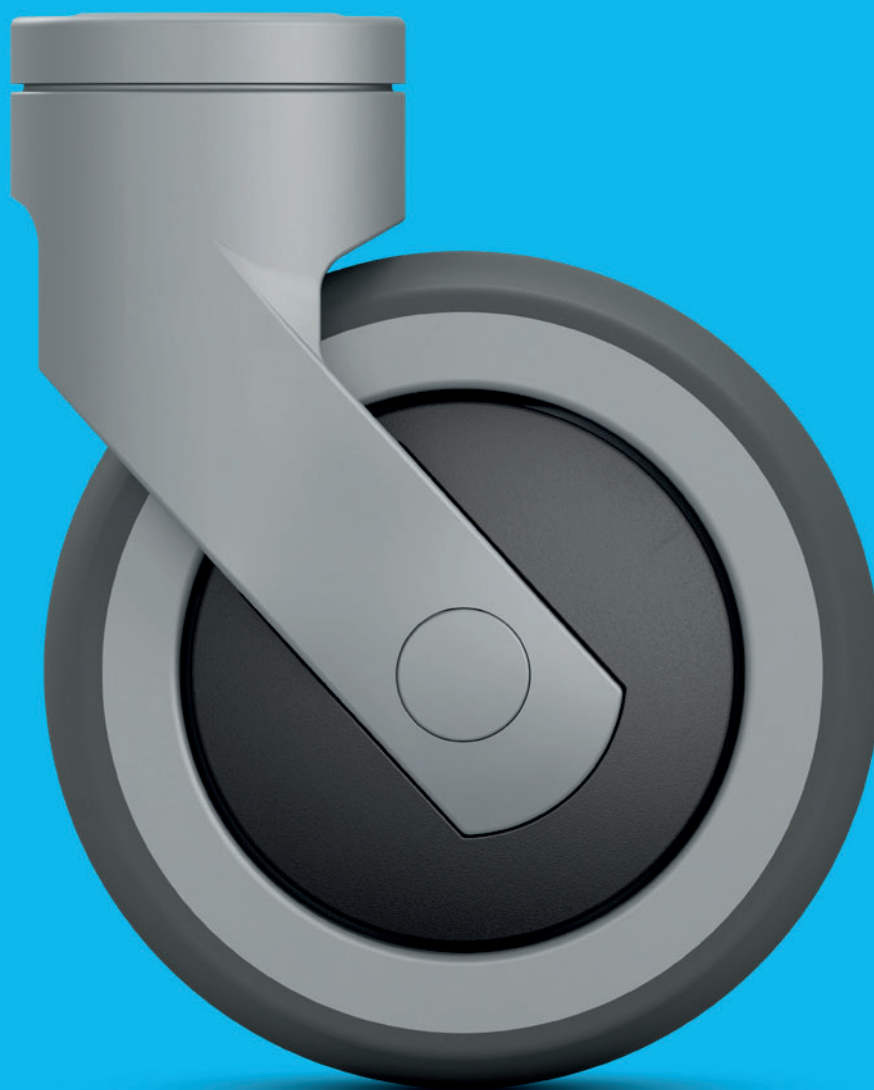
PRODUCT INFORMATION

LEVINA

 60 - 100 kg

 103 - 194 mm

 75 - 150 mm

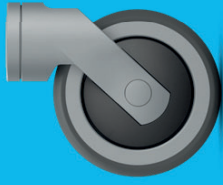


TENTE

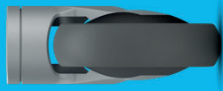
BETTER MOBILITY. BETTER LIFE.

LEVINA

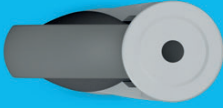
Full choice of customisable product solutions.



HOUSINGS
PAGES: 4-7



WHEELS
PAGES: 8-11



FITTINGS
PAGES: 12-18

LEVINA LIGHT

Versions with efficient plug-in fittings.



LIGHT VERSION
PAGES: 19-27

LEVINA SMART

Variants with optimum manoeuvrability and various braking systems for use on moving walkways.



SMART VERSION
PAGES: 28-31

BETTER MOBILITY IN PREMIUM QUALITY

TENTE believes in smart mobility solutions which noticeably improve people's lives and their work environment. TENTE solutions increase productivity, ensure safety and open up new horizons in matters of design and durability as well as environmental friendliness. Leading manufacturers and companies of different industries rely on these competencies as well as our high production quality.

On the following pages you will find technical information about our Levina product family. We will also demonstrate the added value this mobility solution offers to your organisation. Features include:

Quiet rolling

Soft wheel versions for a quiet working environment.

Washability

Optional version with stainless steel metal components for permanent washability.

Colour matching

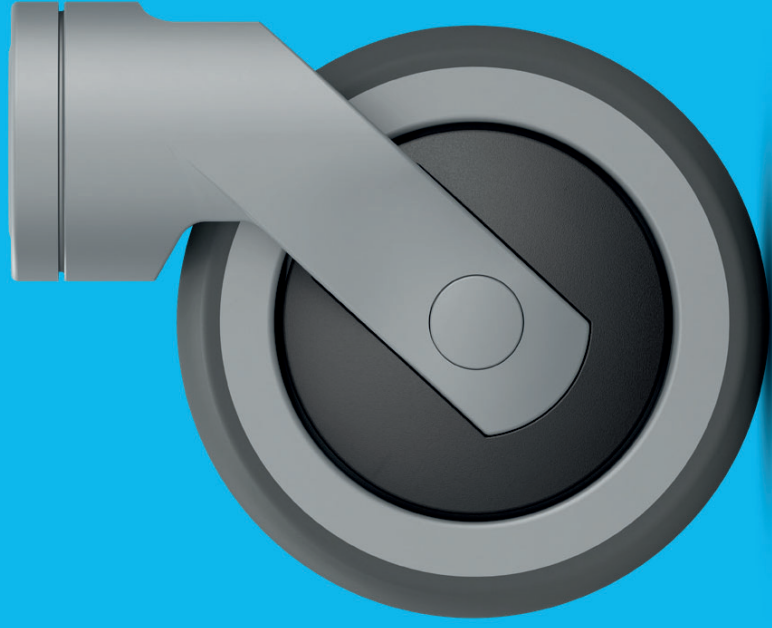
Colours can be adapted to match the product design.



Deutscher Designer Club



HOUSINGS



FEATURES



Unique shape

Patented housing design with integrated thread guard.



Ergonomic foot pedal

Extra long housing for a better access to the brake pedal and increased user-friendliness.



Unbreakable construction

Extremely high shock absorbing.



Optimised steering mechanism

Directional lock for improved steering around bends, as well as moving in a straight line for long distances.



Secured stand

Total lock for simultaneously locking the wheel and swivel housing.



Easy steering

Swivel head with two ball races.



Colour matching

Colours can be adapted to match the product design. Please contact us for your desired colour.

Standard colours:



User-friendly colour scheme

Green foot pedal for directional lock and red foot pedal for total lock.

Foot pedal colours:



Washability

Optional version with metal components made of stainless steel for permanent washability.

HOUSINGS

The housing is made of reinforced, glass-filled polyamide with a slim shaped fork. It benefits from extremely high shock absorption. The low-maintenance design with integrated thread guards help to avoid obstructions. An electrical conductive version is also available.

The materials are tested in our own laboratory for compliance with European standards. Non hazardous materials are used in order to comply with the RoHS directive and REACH regulation of the European Union. These do not contain polycyclic aromatic hydrocarbons or chromium (VI). All components are resistant to many cleaning agents and chemical substances.

Swivel castor
Wheel and housing are free to move for an easy manoeuvrability.



Directional lock
Directional lock for improved steering around bends, as well as movement in a straight line over long distances.



Total lock
Total lock for simultaneously locking the wheel and swivel housing for a secure standing.



Ergonomic foot pedal
Our castors in wheel diameter 125 mm are also available with extra long housing for a better access to the brake pedal and increased user-friendliness.



Standard castors

Description	  			
	Housing type	Swivel castor	Swivel castor with directional lock	Swivel castor with total lock
	Article description	5370	5371	5377
	Material	Reinforced, glass filled polyamide	Reinforced, glass filled polyamide	Reinforced, glass filled polyamide
	Swivel bearing	Two ball races	Two ball races	Two ball races
Swivel Interference	Washable	-	-	-
	Wheel ø 75 mm	-	-	-
	Wheel ø 100 mm	172 mm	196 mm	196 mm
	Wheel ø 125 mm	201 mm	201 mm	201 mm
Swivel Interference	Wheel ø 150 mm	226 mm	240 mm	240 mm

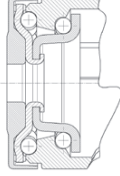
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Washable castors

Description	  			
	Housing type	Swivel castor	Swivel castor with directional lock	Swivel castor with total lock
	Article description	5380	5381	5387
	Material	Reinforced, glass filled polyamide	Reinforced, glass filled polyamide	Reinforced, glass filled polyamide
	Swivel bearing	Two ball races, stainless	Two ball races, stainless	Two ball races, stainless
Swivel Interference	Washable*	•	•	•
	Wheel ø 75 mm	-	-	-
	Wheel ø 100 mm	172 mm	196 mm	196 mm
	Wheel ø 125 mm	201 mm	201 mm	201 mm
Swivel Interference	Wheel ø 150 mm	226 mm	240 mm	240 mm

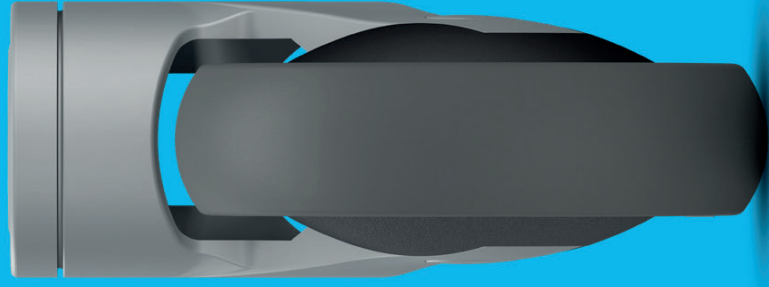
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* Washable versions with metal components made of stainless steel.

Swivel bearing



Two ball races for best manoeuvrability.

WHEELS



FEATURES



Quiet rolling

Soft wheel versions for a quiet working environment.



Prevents unintended movement

Wheel brake with pedal for manual activation.



Certified conductivity

Conductive version to protect users and electrical devices from electrostatic discharge.



Non-marking movement

Wheels with reduced abrasion and little cleaning requirement.



Low-maintenance wheels

Thread guards for unobstructed operation with minimal cleaning effort.



Protective seal

Wheels with sealed bearings to protect against water spray and dirt.



Non-staining operation

Non-staining on contact with floors during long standing periods. Can also be used for floors made of untreated wood and natural stone.



Colour matching

Colours can be adapted to match the product design. Please contact us for your desired colour. Standard colours:



Compliant version

Used in commercial kitchens (DIN 18867 Part 8) and for the food industry (Lerpac-approval).

WHEELS

The characteristics of a wheel depend on the material and the bearing. These wheels benefit from reduced abrasion and little cleaning requirement for non-marking movement are non-staining on contact with floors during long standing periods and they can also be used for floors made of untreated wood and natural stone.



Supratech
Extremely versatile with a smooth-running thermoplastic rubber tread.



Puretech
Robust standard with rubber tread for versatile use. Soft wheel version for quiet rolling, ideal for a quiet work environment.



Maxtech
Perfect for functional design, injection-moulded polyurethane. Hard, solid wheel for a long-lasting use.



Certified conductivity
Conductive version available to protect users and electrical devices from electrostatic discharge.

Technical data and availability



i		Product name	Supratech	Supratech precision	Puretech	Maxtech	Maxtech conductive
Description		Article description	PJO	PJP, PIC	PIP	UAP, UAC	XSP, XSC
		Tread material	Thermoplastic rubber	Thermoplastic rubber	Rubber	Injected polyurethane	Injected polyurethane
		Tread hardness	Shore A 87	Shore A 87	Shore A 75	Shore D 40	Shore D 40
		Wheel body material	Polypropylene	Polypropylene	Polypropylene	Polyamide	Polyamide
		Temperature range	-10 °C / +40 °C	-10 °C / +40 °C	-10 °C / +40 °C	-10 °C / +40 °C	-10 °C / +40 °C
		Width of tread / wheel diameter in mm	25 mm / Ø 75 32 mm / Ø 100-150	25 mm / Ø 75 32 mm / Ø 100-150	32 mm / Ø 100-125	32 mm / Ø 100-150	32 mm / Ø 100-150
		Electric conductive (<10 ⁹ OHM)	-	-	-	-	●
		Washable*	-	Optional	-	-	Optional
		Thread guard	-	●	●	●	●
		Plain bearing	●	-	-	-	-
		Roller bearing	-	-	-	-	-
		Cone ball bearing	-	-	-	-	-
		Precision ball bearing	-	● Optional: Stainless	●	●	● Optional: Stainless
		Wheel Ø 75 mm	-	-	-	-	-
		Wheel Ø 100 mm	80 kg	100 kg	60 kg	100 kg	100 kg
		Wheel Ø 125 mm	100 kg	100 kg	80 kg	100 kg	100 kg
		Wheel Ø 150 mm	100 kg	100 kg	-	100 kg	100 kg

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The mentioned load capacity is only valid for the Levina product family. The load capacity of a single wheel without housing could be different.
* Washable castors have a stainless steel precision ball bearing.

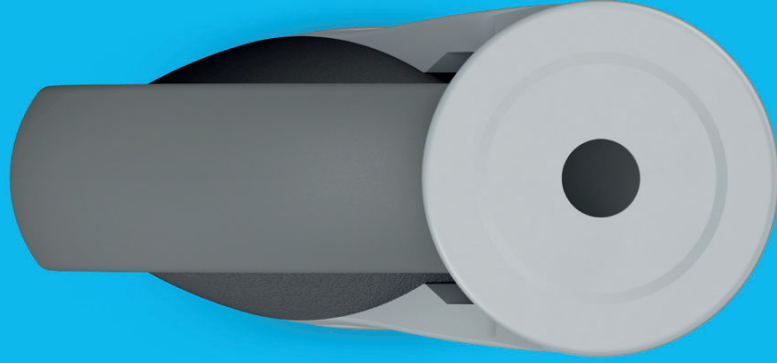
Load capacity



The load capacity depends on the housing and wheel. It has been tested and fulfills the requirements according to EN 12530 at a speed of 3 km/h. When using four castors, you can calculate the necessary load capacity as follows: The sum of the weight of your application plus the additional load divided by three castors.

$$\frac{\text{Weight of application} + \text{load}}{3} = \text{Load capacity of one castor}$$

FITTINGS



FEATURES



Fast assembly

Faster assembly thanks to easy plug-in fittings.



Quiet rolling

Noise-reduced fittings for a quiet working environment.



Variable fitting options

Wide range of fittings in various sizes.

ADDITIONAL FEATURES



Award-winning design

Presented with prestigious awards by international juries.



Chemical-resistant components

Insensitive to many cleaning agents and chemical substances.



Tested quality

Tested in our own test laboratory for compliance with European standards.



Non-hazardous materials

Complies with the RoHS directive and REACH regulation of the European Union. Does not contain polycyclic aromatic hydrocarbons or chromium (VI).



Reliable scanning

Less magnetic (stainless materials) for security scanners and magnetic resonance imaging (MRI). More information on request.

PLATE FITTINGS

These castors benefit from a secure connection with four screws. For long-lasting use, all fittings of the Levina product family are designed with high quality zinc plating and blue passivation or stainless steel.



Technical data and availability

Description	Fitting type	Plate	Plate	Plate
	Article description	P50	P51	P52
	Size of plate	77 x 67 mm	95 x 70 mm	95 x 70 mm
	Plate hole centres	61,5/56 x 51,5/46,5 mm	75 x 50 mm	52/44,45 x 76/72 mm
Overall height	Plate hole Ø	8,5 mm	11 mm	11 mm
	Wheel Ø 75 mm	-	-	-
	Wheel Ø 100 mm	137 mm	141 mm	141 mm
	Wheel Ø 125 mm	161 mm	165 mm	165 mm
Overall height	Wheel Ø 150 mm	190 mm	194 mm	194 mm

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BOLT HOLE FITTINGS

The bolt hole has a solid fixing with M10 or M12 screws. There are two different features available.



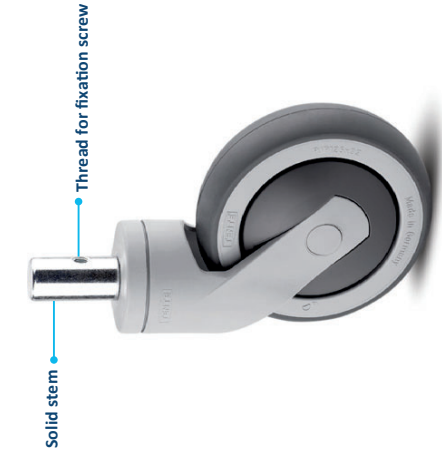
Technical data and availability

Description	Fitting type	Bolt hole	Bolt hole
	Article description	P30	P30
	Bolt hole Ø	11 mm	13 mm
Overall height	Wheel Ø 75 mm	-	-
	Wheel Ø 100 mm	137 mm	137 mm
	Wheel Ø 125 mm	161 mm	161 mm
	Wheel Ø 150 mm	190 mm	190 mm

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SOLID STEM FITTINGS

We offer solid stem fittings with suitable adaptors for an easy mounting in tubes. For long-lasting use, all fittings of the Levina product family are designed with high quality zinc plating and blue passivation or stainless steel.



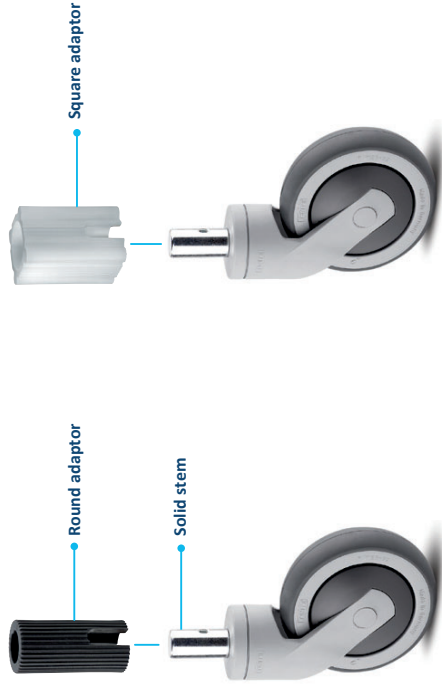
Technical data and availability

Description		Fitting type		Solid stem		Solid stem		Solid stem
		Article description	R05	R05	R05			
		Thread for fixation screw	M6	M8	M8			
		Thread position from bottom	30 mm	19 mm	19 mm			
		Solid stem ø	18 mm	22 mm	28 mm			
Solid stem length	62 mm	45 mm	45 mm					
Overall height		Wheel ø 75 mm	-	-	-			
		Wheel ø 100 mm	137 mm	137 mm	137 mm			
		Wheel ø 125 mm	161 mm	161 mm	161 mm			
		Wheel ø 150 mm	190 mm	190 mm	190 mm			

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ADAPTORS FOR TUBES

For the solid stem fittings, different adaptors are available to fit round and square tubes.

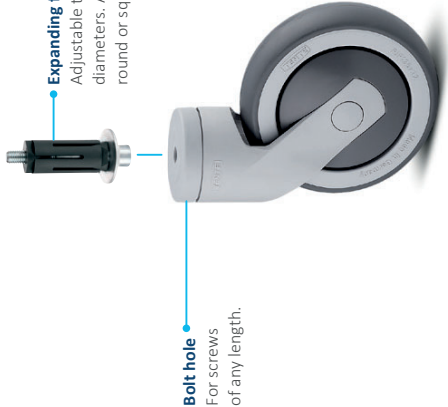


Technical data and availability

Description	Tube type		Round		Round		Square		Square		Square	
	Article description		R08		R08		R48		R48		R48	
	Compatible with product		R05		R05		R05		R05		R05	
	Adaptor measurements		Ø 22 mm Ø 22,5 mm Ø 30 mm		Ø 28 mm Ø 30 mm		22,5 x 22,5 mm 27,5 x 27,5 mm		27 x 27 mm 32 x 32 mm 36 x 36 mm		33,65 x 33,65 mm 36 x 36 mm	
	Solid stem Ø		18 mm		22 mm		18 mm		22 mm		28 mm	
Solid stem length		62 mm		45 mm		62 mm		45 & 60 mm		45 & 60 mm		

EXPANDING FITTINGS FOR TUBES

Adjustable expanders allow for flexible installation in different tubes. It is available for all castors with bolt holes in diameter 11 mm.



Bolt hole
For screws
of any length.

Expanding fitting
Adjustable to different tube
diameters. Available for
round or square tubes.

Technical data and availability



i Description	Fitting type	Expander, round	Expander, square
	Article description		
	Expander measurements	Ø 19 - 21,5 mm Ø 21,5 - 24 mm Ø 24 - 27 mm Ø 27 - 30 mm Ø 31 - 35 mm	Ø 21,5 - 24 mm Ø 24 - 27 mm Ø 27 - 30 mm Ø 32 - 35 mm Ø 36 - 40 mm
	Bolt hole Ø	11 mm	-
	Compatible with bolt hole Ø	-	11 mm
Overall height	Wheel Ø 75 mm	-	-
	Wheel Ø 100 mm	●	●
	Wheel Ø 125 mm	●	●
	Wheel Ø 150 mm	●	●

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LEVINA LIGHT

