

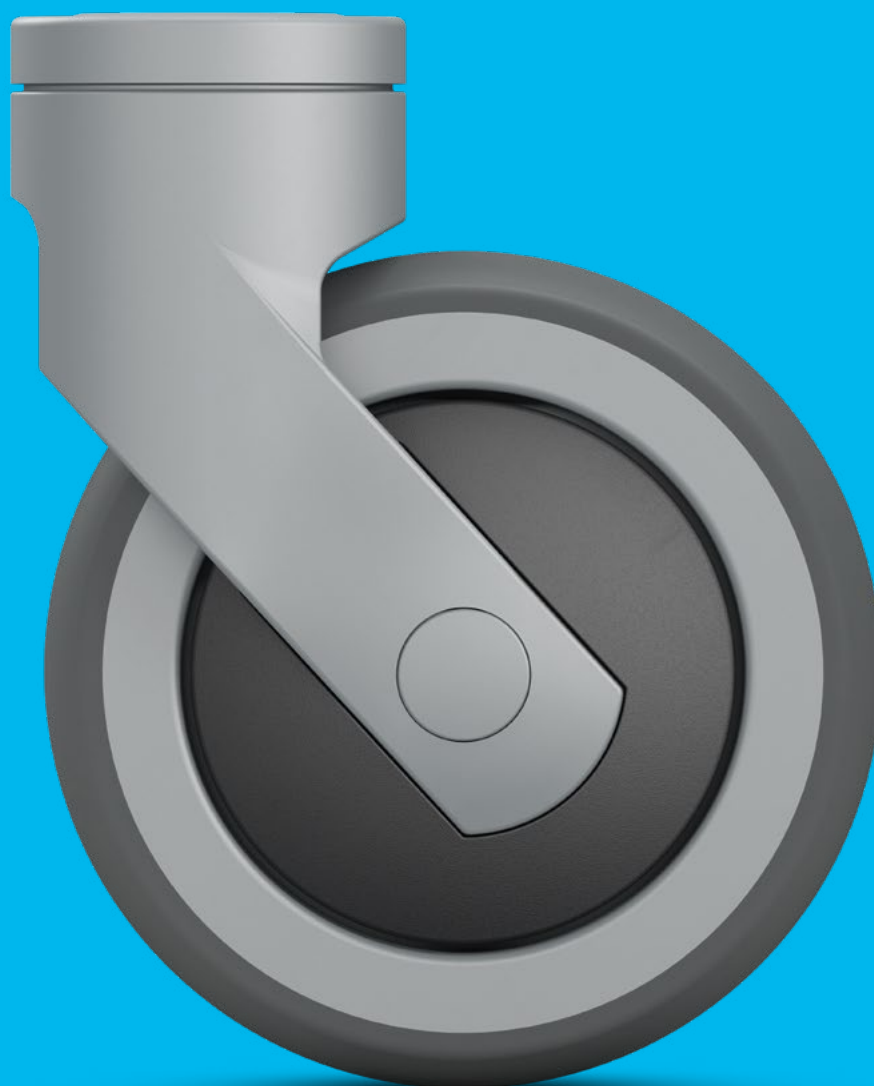
PRODUCT INFORMATION

LEVINA

 60 - 100 kg

 103 - 194 mm

 75 - 150 mm



TENTE

BETTER MOBILITY. BETTER LIFE.

LEVINA

Full choice of
customisable
product solutions.



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Housings



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Wheels



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Fittings

LEVINA CARE

Versions with central locking for improved work processes, more safety and quiet actuation. Our all-rounder for the care environment.



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LEVINA CARE EVO

Product made of mechanically recycled material.



26

LEVINA LIGHT

Versions with efficient
plug-in fittings.



30

LEVINA SMART

Variants with optimum
manoeuvrability and
various braking systems
for shopping trolleys.



40

BETTER MOBILITY IN PREMIUM QUALITY

TENTE has been developing smart mobility solutions since 1923 which noticeably improve people's lives and their working 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

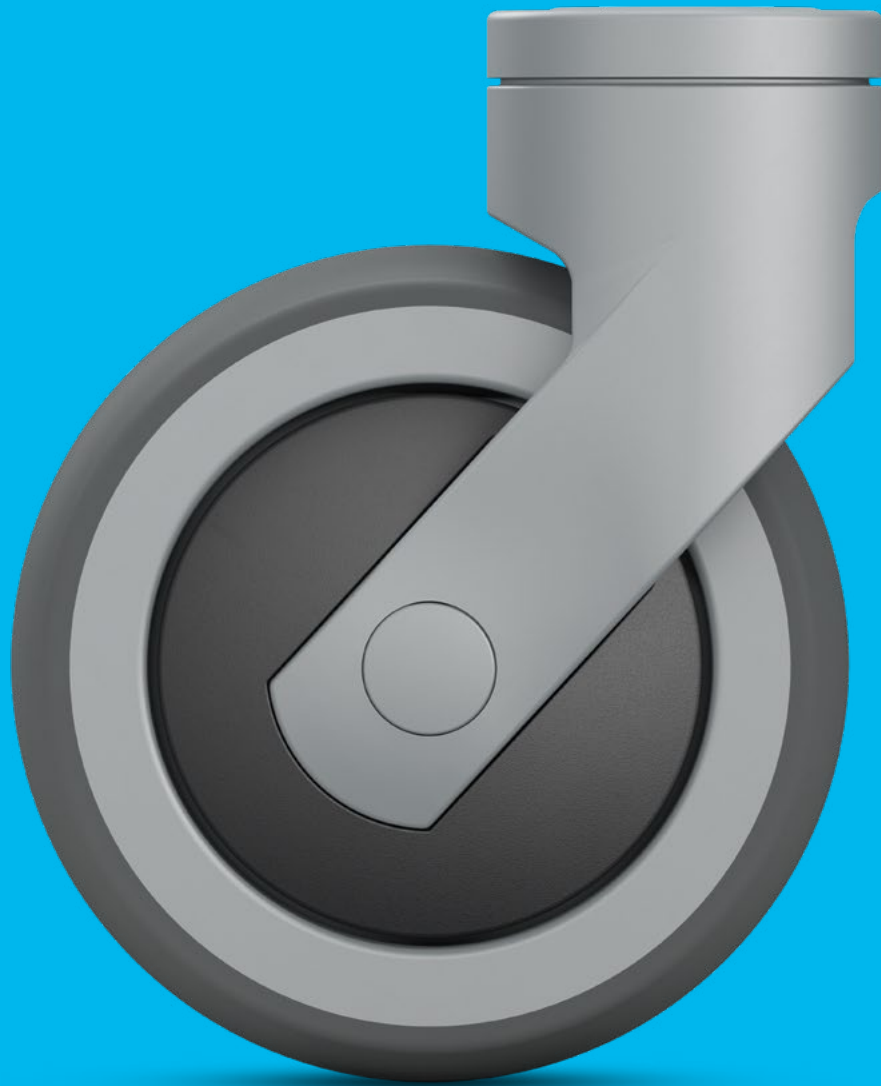
Colours can be adapted to match the product design.



Deutscher Designer Club



HOUSINGS



FEATURES



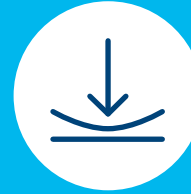
Unique shape

Patented housing design with integrated thread guard.



Ergonomic pedal

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



Unbreakable construction

Extremely high shock resistance.



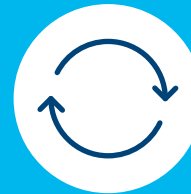
Optimised steering mechanism

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.

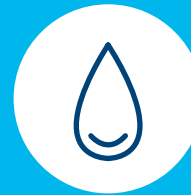
Standard colours:



User-friendly colour scheme

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

Pedal colours:



Washability

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

HOUSINGS

The housing is made of glass-fibre reinforced polyamide with a slim fork. It benefits from extremely high shock absorption. The low-maintenance design with integrated thread guards help to avoid blockages. An electrically 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 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 secure standing.



Ergonomic 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



<div> <div>i</div> <div>Description</div> </div>	Housing type	Swivel castor	Swivel castor with directional lock	Swivel castor with total lock
	Article description	5370	5371	5377
	Material	Glass-fibre reinforced polyamide	Glass-fibre reinforced polyamide	Glass-fibre reinforced polyamide
	Swivel bearing	Two ball races	Two ball races	Two ball races
	Washable	-	-	-
<div> <div>↻</div> <div>Swivel interference</div> </div>	Wheel Ø 75 mm	-	-	-
	Wheel Ø 100 mm	172 mm	196 mm	196 mm
	Wheel Ø 125 mm	201 mm	201 mm	201 mm
	Wheel Ø 150 mm	226 mm	240 mm	240 mm

Items with this sign "-" are not available in our standard range. Please contact us.

Washable castors

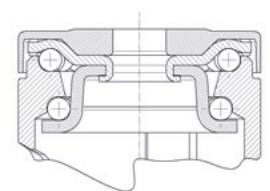


<div> <div>i</div> <div>Description</div> </div>	Housing type	Swivel castor	Swivel castor with directional lock	Swivel castor with total lock
	Article description	5380	5381	5387
	Material	Glass-fibre reinforced polyamide	Glass-fibre reinforced polyamide	Glass-fibre reinforced polyamide
	Swivel bearing	Two ball races, stainless steel	Two ball races, stainless steel	Two ball races, stainless steel
	Washable*	●	●	●
<div> <div>↻</div> <div>Swivel interference</div> </div>	Wheel Ø 75 mm	-	-	-
	Wheel Ø 100 mm	172 mm	196 mm	196 mm
	Wheel Ø 125 mm	201 mm	201 mm	201 mm
	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

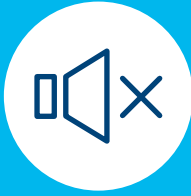


Two ball races for best manoeuvrability.

WHEELS



FEATURES



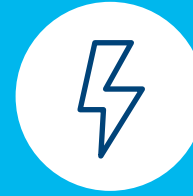
Quiet rolling

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.



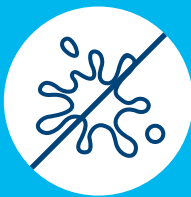
Low-maintenance wheels

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 is required. They have non-marking movement, are non-staining on contact with floors during long standing periods, and can also be used on floors made of untreated wood or 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

Injection-moulded polyurethane – perfect for functional design. Extremely robust and hygienic.



Certified conductivity

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

Technical data and availability



Description	Product name	Supratech	Supratech precision	Puretech	Maxtech	Maxtech conductive
	Article description	PJO	PJP, PJC	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
	Electrically conductive (<10 ⁴ OHM)	-	-	-	-	●
	Washable*	-	Optional	-	-	Optional
	Thread guard	-	●	●	●	●
Bearing type	Plain bearing	●	-	-	-	-
	Roller bearing	-	-	-	-	-
	Cone ball bearing	-	-	-	-	-
	Precision ball bearing	-	● Optional: Stainless steel	●	●	● Optional: Stainless steel
Load capacity	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.

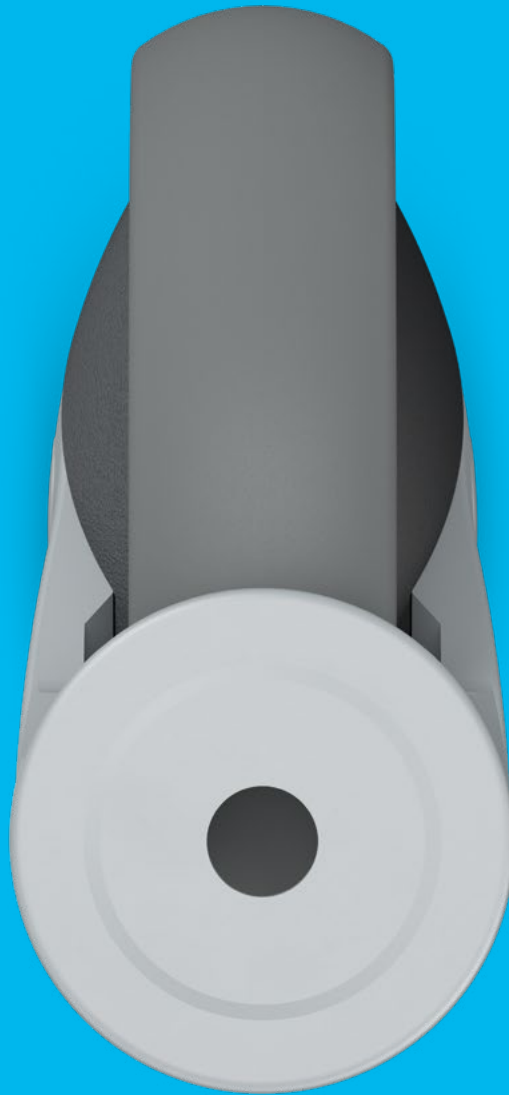


Load capacity

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

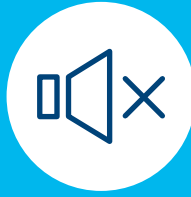


FEATURES



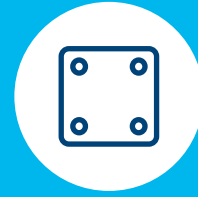
Fast assembly

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 hydro-carbons or chromium (VI).



Reliable scanning

Less magnetic (stainless-steel 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

				
<div> <div>i</div> <div>Description</div> </div>	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
	Plate hole Ø	8.5 mm	11 mm	11 mm
<div> <div>U</div> <div>Overall height</div> </div>	Wheel Ø 75 mm	-	-	-
	Wheel Ø 100 mm	137 mm	141 mm	141 mm
	Wheel Ø 125 mm	161 mm	165 mm	165 mm
	Wheel Ø 150 mm	190 mm	194 mm	194 mm

Items with this sign "-" are not available in our standard range. Please contact us.

BOLT HOLE FITTINGS

The bolt hole allows fixing with an M10 or M12 screw.
Screws of different length can be used.



Technical data and availability

Description	Fitting type	Bolt hole	Bolt hole
Overall height	Article description	P30	P30
	Bolt hole Ø	11 mm	13 mm
	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 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.



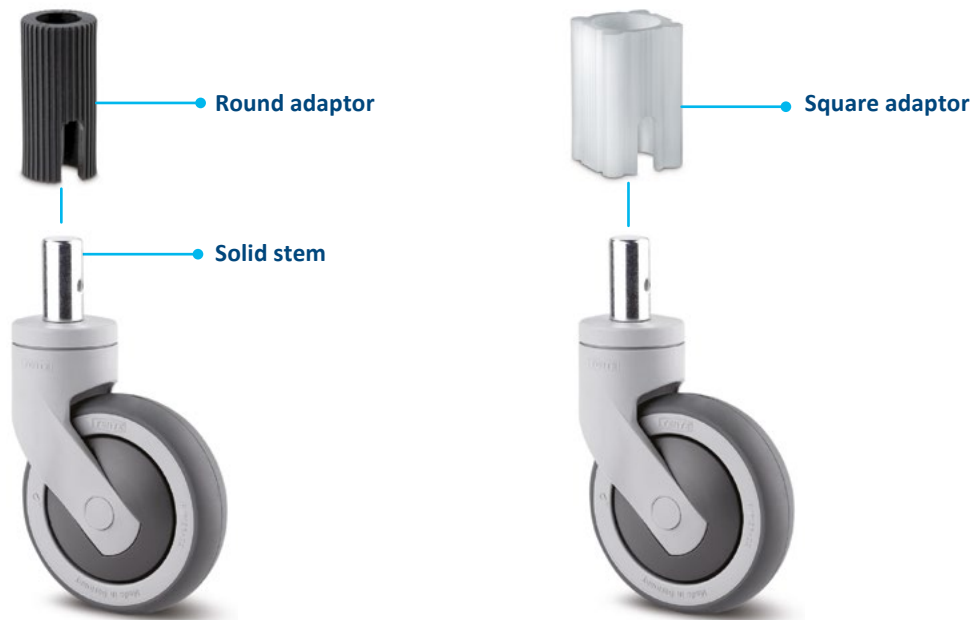
Technical data and availability

				
<div> <div>i</div> <div>Description</div> </div>	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
<div> <div>↻</div> <div>Overall height</div> </div>	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.
They are available for all castors with bolt holes in diameter 11 mm.



Technical data and availability

				
Description	Fitting type	Bolt hole	Expander, round	Expander, square
	Article description	P30	R07	R47
	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	11 mm
Overall height	Wheel Ø 75 mm	-	-	-
	Wheel Ø 100 mm	137 mm	●	●
	Wheel Ø 125 mm	161 mm	●	●
	Wheel Ø 150 mm	190 mm	●	●

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Do you have any questions?

If so, simply use our contact form
and get in touch with us:

www.tente.com/contact

LEVINA CARE



LEVINA CARE

In the medical environment it is said: there's power in silence. The new patented central locking solution allows caregivers to quietly and easily lock all castors with a single step, reducing the amount of work. At the same time, it improves safety by preventing unintentional movement when the patient is standing up or lying down. This promotes the patient's rest and strengthens the healing process. Sounds interesting? Then contact us – we'll be happy to answer any questions you might have.

High compatibility

Flexible combination with all other solutions within the Levina product family



Locking system

Quiet and smooth operation due to a new, patented locking system

Integrated thread guard

Reduced cleaning and maintenance effort

Housing versions

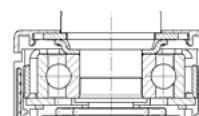


Colour matching

Colours can be matched to the product design. Standard colours:



Swivel bearing



Two ball races for best manoeuvrability

Description	Housing type	Swivel castor with central total or directional lock	Swivel castor with central total lock
	Article description	5344	5346
	Material	Glass-fibre reinforced polyamide	Glass-fibre reinforced polyamide
	Swivel bearing	Precision ball bearing	Precision ball bearing
	wheel width	59 mm	59 mm
Swivel interference	Wheel Ø 100 mm	88 mm	88 mm
	Wheel Ø 125 mm	100.5 mm	100.5 mm

Wheel versions

Description	Product name	Supratech	Supratech conductive
	Article description	PJP	YGP
	Tread material	Thermoplastic rubber	Thermoplastic rubber
	Tread hardness	Shore A 87	Shore A 91
	Wheel body material	Polypropylene	Polypropylene
	Temperature range	-10 °C / +40 °C	-10 °C / +40 °C
	Width of tread / wheel diameter in mm	-10 °C / +40 °C	-10 °C / +40 °C
	Thread guard	●	●
Bearing type	Plain bearing	-	-
	Roller bearing	-	-
	Cone ball bearing	-	-
	Precision ball bearing	●	●
Load capacity	Wheel Ø 100 mm	100 kg	100 kg
	Wheel Ø 125 mm	100 kg	100 kg

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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.

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



Supratech

The smooth-running all-rounder with a tread made of thermoplastic rubber. Ideal for use in medical environments. This is because Supratech is very quiet and easy to clean. In addition, it offers a high load capacity and can be manoeuvred excellently even when carrying heavy weights. When it comes to applications that regularly have to be pushed with force, it thus not only protects the health of the staff, but also protects the health of the patient.



Supratech conductive

The Supratech conductive wheel dissipates static electricity and reliably protects sensitive equipment in ESD areas.

Bearing type



Precision ball bearings for the highest performance.

Fitting

The practical solid stem fittings not only save you valuable assembly time, but also offer an outstanding feature: our new patented locking system, which allows for easy and quiet actuation. It helps to simplify work processes and maintain a quiet environment. Choose from solid stems with central total lock or solid stems with central total and directional lock. Spring-loaded solid stem fittings support shock-absorbing transport.



<div> <div>i</div> <div>Description</div> </div>	Fitting type	Solid stems with central total lock or central total and directional lock	Solid stems with central total lock or central total and directional lock	Solid stems with central total lock or central total and directional lock
	Article description	R36-32	R36-34	R26-28
	Thread for fitting screw	4 x M6	Additional fixation not necessary	4 x M8
	Thread position from bottom	7 mm	-	19 mm
	Solid stem Ø	32 mm	32 mm	28 mm
	Solid stem length	51 mm	51 mm	96 mm
	Actuation position for actuation forces	35°	35°	30° 35° 45°
<div> <div>↻</div> <div>Overall height</div> </div>	Wheel Ø 100 mm	137 mm	137 mm	137 mm
	Wheel Ø 125 mm	161 mm	161 mm	161 mm

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The mentioned load capacity is only valid for the Levina care product family. The load capacity of a single wheel without housing could be different.

AS INDIVIDUAL AS YOUR APPLICATION

Our Levina care meets very specific requirements: Yours. After all, we understand that, as a manufacturer of applications, you expect the highest degree of flexibility. The Levina product family includes different types of locking. This results in different, modular mobility solutions!

Benefit from the endless advantages of central locking of all castors; a combination of individual and central locking, or equip your application with four castors that can be locked individually. In this way, you are perfectly placed to meet the different market requirements with the same design, the same interface and the same overall height. Our promise: Modular with Levina!



MAXIMUM SAFETY AND EFFICIENCY WITH CENTRAL LOCKING

We know that central locking is crucial for medical beds. This provides a sense of stability and safety for patients, as medical beds and other equipment cannot move unexpectedly. In addition, central locking reduces the risk of accidents and injuries, thus increasing safety in the working place.

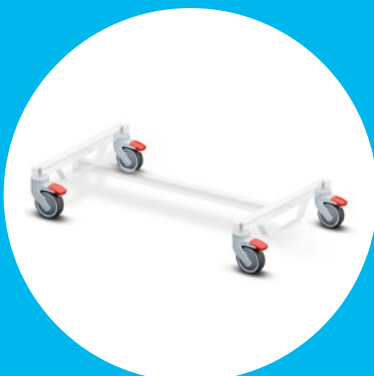
MAXIMUM FLEXIBILITY BY COMBINING INDIVIDUAL AND CENTRAL LOCKING

Especially when it comes to recliners and medical chairs, applications are often fitted with central and individual locking. Within the Levina family, it is possible to combine the same design, the same interface and the same overall height.



MORE FLEXIBILITY WITH INDIVIDUAL LOCKING

Mobility solutions with individual mechanical locking offer a high degree of flexibility – both for the user and the manufacturer. This is because every castor can be locked individually and one at a time. And since there is no crossbar in the middle section of the construction, the manufacturer benefits from flexible installation space. This opens up unlimited freedom in the design of the bed frame – even in price-conscious segments.



Application examples for Levina care:

Whether on care beds or medical recliners – Levina care was developed for the medical sector and fulfils the corresponding requirements without compromise. On this page, we have illustrated a selection of possible applications for you. And don't worry: if your application is not included, just get in touch with us. We will be happy to advise you – and guarantee to find a suitable mobility solution.



MEDICAL CHAIR



MEDICAL RECLINER

CARE BED



**CENTRAL
LOCKING**



TENTE lever

All actuation levers are supplied with a stainless-steel screw. They are available as single or double levers for the right and left side. The plugs are available in different colours.

LEVINA CARE EVO



LEVINA CARE EVO

The Levina care evo is the sustainable version of the proven Levina care. Individual components contain up to 85% recycled material, while the total recycled content of the castor amounts to up to 20%*. With this solution, you make an active contribution to resource conservation, waste reduction and the lowering of the carbon footprint. For the Levina care evo, the fork is made of 85% post-industrial recycled material (PIR), which comes from plastic waste generated during the industrial manufacturing process. The cover cap and wheel body are each made of 50% post-consumer recycled material (PCR) – produced from consumer waste, meaning plastic materials collected and recycled after end-user use. Despite the use of sustainable materials, the castor shows no visual difference compared to the standard version. You benefit from proven TENTE quality while improving your carbon footprint – without compromising on quality, performance or design.

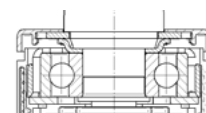


Housing versions



Description	Housing type	Swivel castor with central total or directional lock	Swivel castor with central total lock
	Article description	5344	5346
	Material	Glass-fibre reinforced polyamide (85% recycled)	Glass-fibre reinforced polyamide (85% recycled)
	Swivel bearing	Precision ball bearing	Precision ball bearing
	wheel width	59 mm	59 mm
Swivel interference	Wheel Ø 100 mm	88 mm	88 mm
	Wheel Ø 125 mm	100.5 mm	100.5 mm

Swivel bearing



Precision ball bearing for optimum manoeuvrability.

* Values refer to the complete castor; figures may vary depending on the version.

Wheel versions



<div> <div>i</div> <div>Description</div> </div>	Product name	Supratech
	Article description	PJP
	Tread material	Thermoplastic rubber
	Tread hardness	Shore A 87
	Wheel body material	Polypropylene (50% recycled Polypropylene)
	Temperature range	-10 °C / +40 °C
	Width of tread / wheel diameter in mm	-10 °C / +40 °C
	Thread guard	●
<div> <div>⚙</div> <div>Bearing type</div> </div>	Plain bearing	-
	Roller bearing	-
	Cone ball bearing	-
	Precision ball bearing	●
<div> <div>⚖</div> <div>Load capacity</div> </div>	Wheel Ø 100 mm	100 kg
	Wheel Ø 125 mm	100 kg



Supratech

The smooth-running all-rounder with a tread made of thermoplastic rubber. Ideal for use in medical environments. This is because Supratech is very quiet and easy to clean. In addition, it offers a high load capacity and can be manoeuvred excellently even when carrying heavy weights. When it comes to applications that regularly have to be pushed with force, it thus not only protects the health of the staff, but also protects the health of the patient.

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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.

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

Bearing type



Precision ball bearings for the highest performance.

Fitting

The practical solid stem fittings not only save you valuable assembly time, but also offer an outstanding feature: our new patented locking system, which allows for easy and quiet actuation. It helps to simplify work processes and maintain a quiet environment. Choose from solid stems with central total lock or solid stems with central total and directional lock. Spring-loaded solid stem fittings support shock-absorbing transport.



<div> <div>i</div> <div>Description</div> </div>	Fitting type	Solid stems with central total lock or central total and directional lock	Solid stems with central total lock or central total and directional lock	Solid stems with central total lock or central total and directional lock
	Article description	R36-32	R36-34	R26-28
	Thread for fitting screw	4 x M6	Additional fixation not necessary	4 x M8
	Thread position from bottom	7 mm	-	19 mm
	Solid stem Ø	32 mm	32 mm	28 mm
	Solid stem length	51 mm	51 mm	96 mm
	Actuation position for actuation forces	35°	35°	30° 35° 45°
<div> <div>↕</div> <div>Overall height</div> </div>	Wheel Ø 100 mm	137 mm	137 mm	137 mm
	Wheel Ø 125 mm	161 mm	161 mm	161 mm

Items with this sign "-" are not available in our standard range. Please contact us.

The mentioned load capacity is only valid for the Levina care product family. The load capacity of a single wheel without housing could be different.

LEVINA LIGHT



LEVINA LIGHT

The Levina is also available as a “light” version, with a wheel diameter of 75 mm, 100 mm or 125 mm, as well as with easy to use plug-in fittings for efficiency.

Swivel castor

Wheel and housing are free to move for easy manoeuvrability.



Wheel brake

Wheel lock with pedal for manual activation that prevents unintended movement.

● Red brake pedal on request.

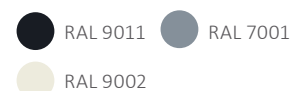


Housing versions



Colour matching

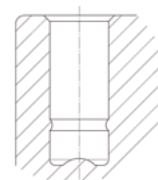
Colours can be matched to the product design. Standard colours:



Description	Housing type	Swivel castor	Swivel castor with wheel brake
	Article description	5220	5225
	Material	Glass-fibre reinforced polyamide	Glass-fibre reinforced polyamide
	Swivel bearing	Plain bearing	Plain bearing
	Washable	-	-
Swivel interference	Wheel Ø 75 mm	129 mm	146 mm
	Wheel Ø 100 mm	172 mm	196 mm
	Wheel Ø 125 mm	200 mm	200 mm

Items with this sign "-" are not available in our standard range. Please contact us.

Swivel bearings



Plain bearing for plug-in fittings.

Wheel versions



Description	Product name	Supratech	Supratech precision
	Article description	PJO	PJP, PJC
	Tread material	Thermoplastic rubber	Thermoplastic rubber
	Tread hardness	Shore A 87	Shore A 87
	Wheel body material	Polypropylene	Polypropylene
	Temperature range	-10 °C / +40 °C	-10 °C / +40 °C
	Width of tread / wheel diameter in mm	25 mm / Ø 75 -	25 mm / Ø 75 32 mm / Ø 100-125
	Thread guard	-	●
Bearing type	Plain bearing	●	-
	Roller bearing	-	-
	Cone ball bearing	-	-
	Precision ball bearing	-	-
Load capacity	Wheel Ø 75 mm	75 kg	75 kg*
	Wheel Ø 100 mm	-	82 kg
	Wheel Ø 125 mm	-	82 kg

Items with this sign "●" are available. Items with this sign "-" are not available in our standard range. Please contact us. The mentioned load capacity is only valid for the Levina light product family. The load capacity of a single wheel without housing could be different.

* PJP is available in wheel diameter 75mm and PJC is not.



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.

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

Fitting versions: Blind hole

For all castors with a blind hole fitting, plug-in fittings are available. These allow for fast and easy assembly.


Blind hole

Faster assembly thanks to easy plug-in fittings.



Technical data and availability

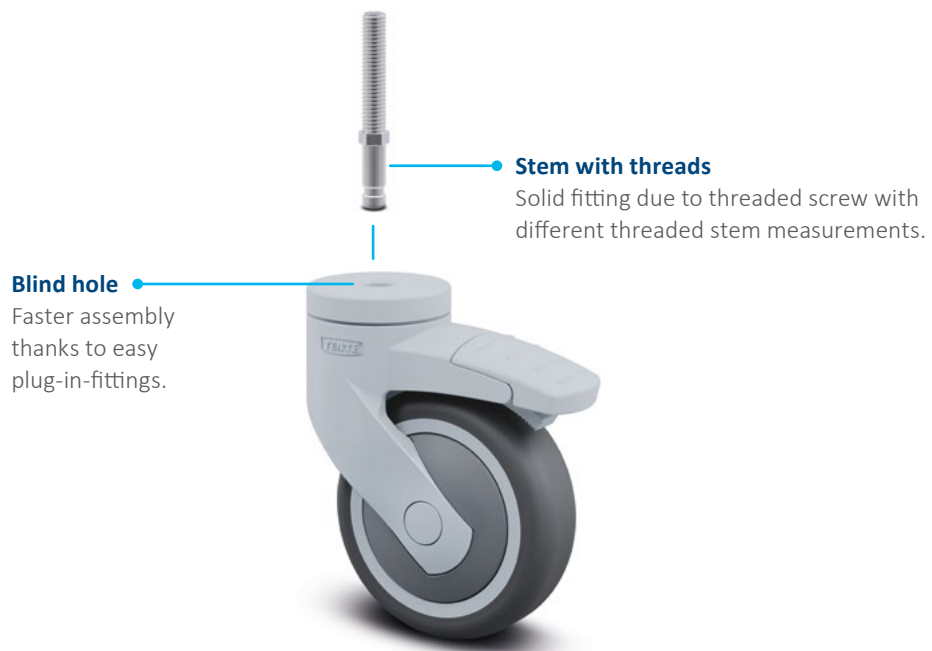
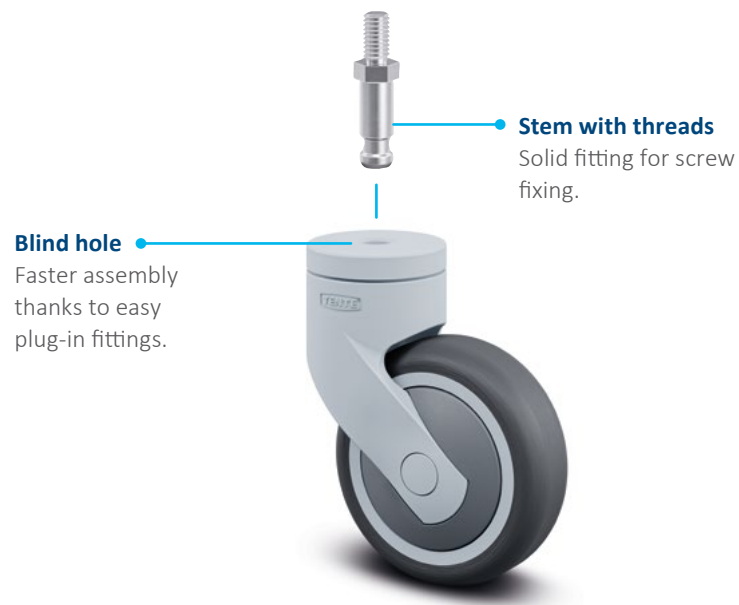


<div>i</div> <div>Description</div>	Fitting type	Blind hole
	Article description	L51-10
	Blind hole Ø / Wheel diameter	10 mm / Ø 75 11 mm / Ø 100-125
	Blind hole Ø / Blind hole depth	10 mm / 25 mm 11 mm / 29.1 mm
<div><div>Overall height</div></div>	Wheel Ø 75 mm	103 mm
	Wheel Ø 100 mm	136.5 mm
	Wheel Ø 125 mm	160 mm

Items with this sign "-" are not available in our standard range. Please contact us.

Fitting versions: Plug-In threaded stems

For all castors with a blind hole fitting, plug-in threaded stem fittings are available.









Stem with threads
Threaded stem with hexagon neck.



Stem with threads
Threaded stem with hexagon neck.

Technical data and availability

					
<div> <div>i</div> <div>Description</div> </div>	Fitting type	Blind hole	Threaded stem	Threaded stem	Threaded stem
	Article description	L51-10	S70	S70	S70
	Threaded stem measurements	-	M8 x 15 mm	M10 x 10 mm M10 x 15 mm M10 x 25 mm M10 x 35 mm M10 x 50 mm	M10 x 78 mm
	Blind hole Ø	10 mm / Ø 75 11 mm / Ø 100-125	-	-	-
	Compatible with blind hole Ø	-	10 mm	10 mm	10 mm
<div> <div>↻</div> <div>Overall height</div> </div>	Wheel Ø 75 mm	103 mm	109 mm	109 mm	112 mm
	Wheel Ø 100 mm	136.5 mm	-	-	-
	Wheel Ø 125 mm	160 mm	-	-	-


Items with this sign "-" are not available in our standard range. Please contact us.

The overall height will vary depending on the height of the fitting you choose. Please contact us for detailed information.

Fitting versions: Plug-In plates

For castors with the blind hole fitting, different plug-in plate fittings are available.

Technical data and availability



Description	Fitting type	Blind hole	Stem with plate	Stem with plate	Stem with plate
	Article description	L51-10	P41	P41	P40
	Size of plate	-	38 x 38 mm	42 x 42 mm	60 x 60 mm
	Plate hole centres	-	27 x 27 mm	32 x 32 mm	48/38 x 48/38 mm
	Plate hole Ø	-	5.1 mm	5.1 mm	6.3 mm
	Blind hole Ø	10 mm / Ø 75 11 mm / Ø 100-125	-	-	-
	Compatible with blind hole Ø	-	10 mm	10 mm	10 mm
Overall height	Wheel Ø 75 mm	103 mm	113 mm	115 mm	116.5 mm
	Wheel Ø 100 mm	137 mm	-	-	-
	Wheel Ø 125 mm	160 mm	-	-	-

Items with this sign "-" are not available in our standard range. Please contact us.

The overall height will vary depending on the height of the fitting you choose. Please contact us for detailed information.

Stem with plate
Secure connection with four screws.

Blind hole
Faster assembly thanks to easy plug-in fittings.



Stem with plate	Stem with plate
P41	P50
65 x 65 mm	77 x 67 mm
47/42 x 47/42 mm	61.5/56 x 51.5/46.5 mm
6.3 mm	8.5 mm
-	
10 mm	10 mm 11 mm
115 mm	115 mm
-	150 mm
-	173.5 mm

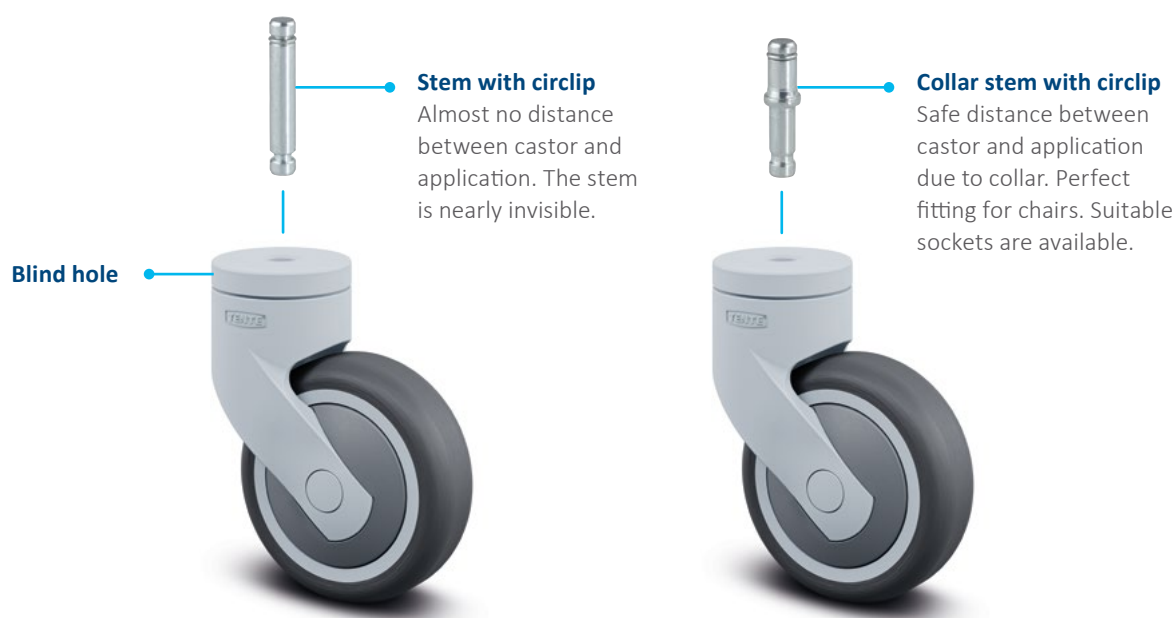
Stem with plate
Secure connection with four screws.

Blind hole
Faster assembly thanks to easy plug-in fittings.



Fitting versions: Plug-In stems

For all castors with a blind hole fitting, different plug-in collar stem fittings are available to help ensure faster assembly.



Technical data and availability

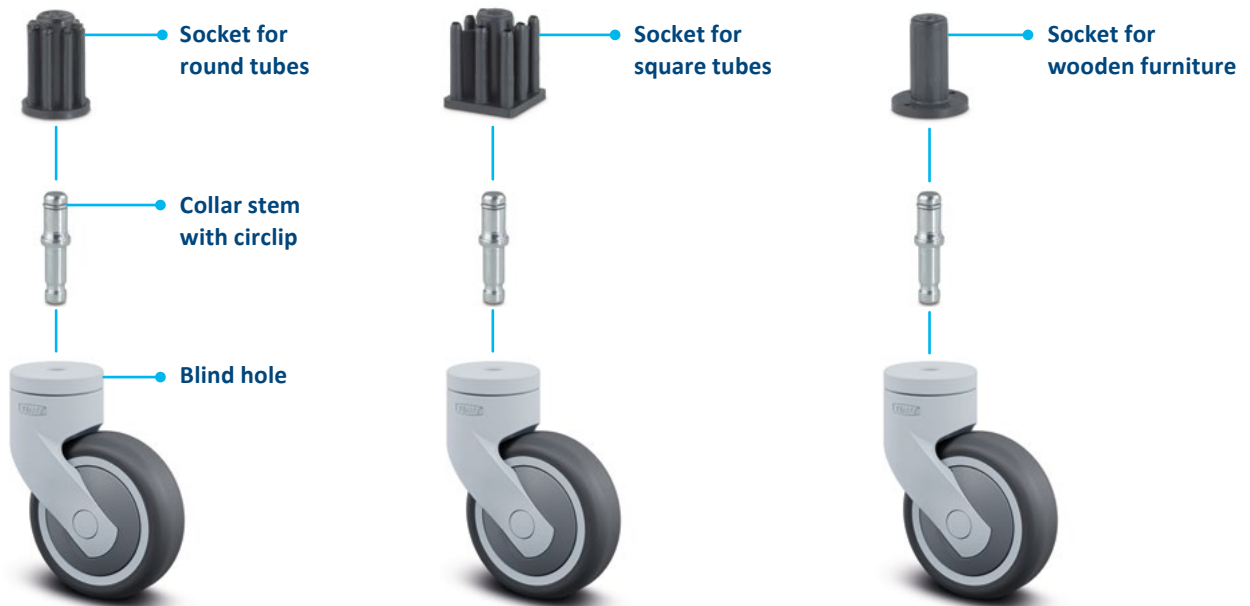
					
Description	Fitting type	Blind hole	Stem with circlip	Collar stem with circlip	Collar stem with circlip
	Article description	L51-10	B11	B10	B10
	Stem measurements (Ø x Length)	-	10 x 33 mm	10 x 20 mm 11 x 20 mm 11 x 30 mm	9 x 24 mm
	Blind hole Ø	10 mm / Ø 75 11 mm / Ø 100-125	-	-	-
	Compatible with blind hole Ø	-	10 mm	10 mm	10 mm
Overall height	Wheel Ø 75 mm	103 mm	103 mm	108 mm	107 mm
	Wheel Ø 100 mm	137 mm	-	-	-
	Wheel Ø 125 mm	160 mm	-	-	-

Items with this sign "-" are not available in our standard range. Please contact us.

The overall height will vary depending on the height of the fitting you choose. Please contact us for detailed information.

Fitting accessories: Sockets

The plug-in collar stem fittings can be used with different sockets for easy and secure assembly under different applications.



Technical data and availability

				
Description	Tube type	Round socket for tubes	Square socket for tubes	Round socket for wooden furniture
	Article description	R20	R40	H40
	Compatible with product	B10 11 x 30 mm	B10 11 x 30 mm	B10 11 x 30 mm
	Socket \varnothing / collar \varnothing	14/18 mm 15/18 mm 16/18 mm 17/19 mm 18/20 mm 19/21 mm 20/21 mm 22/25 mm 23/26 mm	16/20 mm 17/19 mm 18/20 mm 21/23.5 mm 22/24.5 mm 23/25.5 mm 26/30 mm	15 mm
	Overall height	36 mm	36 mm	36 mm

LEVINA SMART



LEVINA SMART

The Levina is also available as a “smart” version, with a wheel diameter of 125 mm. Its special feature is the precision ball bearing in its swivel head, which ensures maximum manoeuvrability. A soft wheel version and housing made of high grade synthetic material ensures quiet rolling. In addition to the swivel castor we offer different castor versions for safe operation on moving walkways.



Integrated thread guard
Reduction of cleaning and maintenance operations.

Safe operation on moving walkways

In order to ensure safe operation on moving walkways, we offer a wheel with brake function or a thread guard with an integrated brake shoe (or a combination of both).

Housing versions



Description	Housing type	Swivel castor	Swivel castor for moving walkways	Swivel castor for moving walkways
	Article description	5340	5345	5845
	Material	Glass-fibre reinforced polyamide	Glass-fibre reinforced polyamide	Glass-fibre reinforced polyamide
	Swivel bearing	Precision ball bearing	Precision ball bearing	Precision ball bearing
	Brake function on moving walkways	-	●	●
Swivel interference	Wheel Ø 125 mm	201 mm	203 mm	203 mm



Colour matching

Colours can be adapted to match the product design.

Standard colours:

- RAL 7001
- RAL 7015

Items with this sign "●" are available. Items with this sign "-" are not available in our standard range. Please contact us.

Wheel versions



i	Product name	Supratech precision	Maxtech	Maxtech	Maxtech
	Article description	PJP	QAP	QAP	QMP
	Compatible with housing type	5340	5345	5845	5845
	Tread material	Thermoplastic rubber	Polyurethane	Polyurethane	Polyurethane
	Tread hardness	Shore A 85	Shore A 65	Shore A 65	Shore A 65
	Wheel body material	Polypropylene	Polyurethane	Polyurethane	Polyurethane
	Temperature range	-20 °C / +40 °C	-20 °C / +40 °C	-20 °C / +40 °C	-20 °C / +40 °C
	Width of tread	32 mm	2 x 4.5 mm	2 x 4.5 mm	32 mm
	Thread guard	● Integrated in housing	● Integrated in housing	● Integrated in housing	● Integrated in housing
	Twin wheel with brake function	-	●	●	-
	Brake shoe integrated in thread guard with brake function	-	-	●	●
Description	Plain bearing	-	-	-	-
	Roller bearing	-	-	-	-
	Cone ball bearing	-	-	-	-
	Precision ball bearing	●	●	●	●
Bearing type	Plain bearing	-	-	-	-
	Roller bearing	-	-	-	-
	Cone ball bearing	-	-	-	-
	Precision ball bearing	●	●	●	●
Load capacity	Wheel Ø 125 mm	100 kg	60 kg	60 kg	80 kg



Efficient self-cleaning

A castor with housing 5845 and QMP wheel has self-cleaning tracks which automatically remove dirt and stones from the wheel.



Maximum safety

A swivel castor with housing 5845 and QAP wheel has a double breaking function on moving walkways. Firstly with the brake shoe in the housing and, secondly, with the brake function in the double wheel.

Items with this sign "●" are available. Items with this sign "-" are not available in our standard range. Please contact us. The mentioned load capacity is only valid for the Levina smart product family. The load capacity of a single wheel without housing could be different.



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, to determine the necessary load capacity use the equation as follows: The sum of the weight of your application plus the additional load divided by three castors.

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

Fitting versions

Hex screw fitting



<div>i</div> <div>Description</div>	Fitting type	Hex screw, loose fitted
	Article description	S60
	Threaded stem measurements	M 10 x 15 mm M 12 x 15 mm
<div></div> <div>Overall height</div>	Wheel Ø 125 mm	155 mm

Bolt hole fitting



<div>i</div> <div>Description</div>	Fitting type	Bolt hole
	Article description	P30
	Bolt hole Ø	11 mm 13 mm
<div></div> <div>Overall height</div>	Wheel Ø 125 mm	155 mm



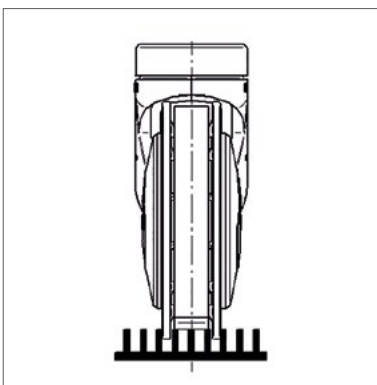
Important notice for moving walkway castors

Designed for the following pallet size:
Track width: approx. 2.75 mm
Groove width: approx. 5.7 mm
Groove depth: > 10 mm

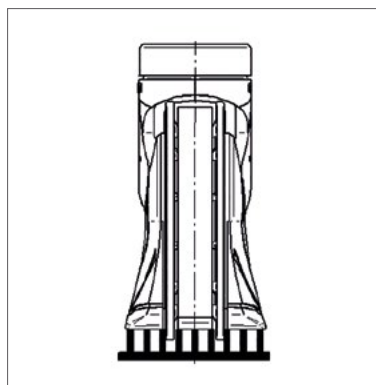
Use on uneven floors, outdoors (ground beams, gaps, joints, manhole covers, etc.) can affect the life expectancy of castors.

Please note that according to EN1929 only castors with a minimum wheel diameter of 120 mm can be used on moving walkways. Furthermore the total load capacity of the trolley shall not exceed 160 kg when used on moving walkways.

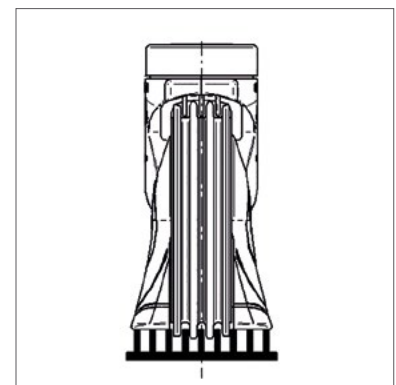
Technical drawings



Double wheel "QAP" with brake function.



Double wheel "QAP" with brake function and integrated brake shoe.



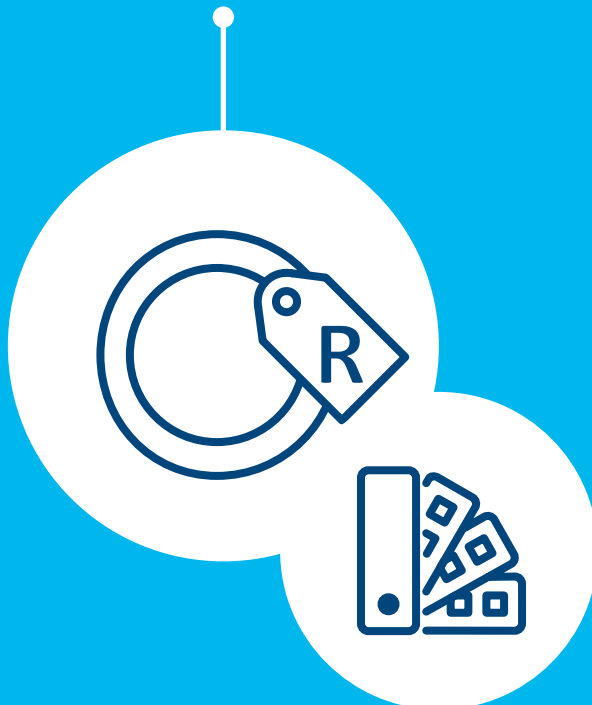
Wheel "QMP" with integrated brake shoe.

SOLUTIONS FOR MARKETING AND SALES

PRODUCT BRANDING – COMMUNICATING THE BRAND

Use our products as attractive ambassadors for your brand. With a pool of different manufacturing processes, we offer you a wide range of possibilities to implement your corporate design effectively.

Whether it's a matter of the name, logo or corporate colour – thanks to our expertise you have the opportunity to design your own individual mobility solution. Please get in touch with us and allow us to advise you.



CO-BRANDING – MUTUAL SUCCESS

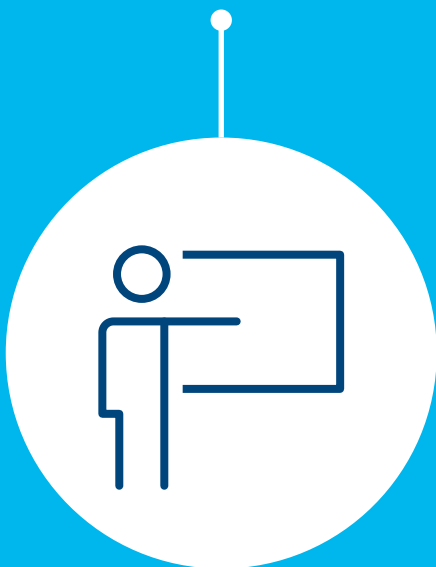
The TENTE brand stands for outstanding mobility solutions with premium quality worldwide. Numerous well-known manufacturers trust in our efficiency. Many of them rely on a strategic brand partnership that has existed for decades.

Take advantage of our brand as a reference for your products and their marketing. Premium components are not only a decisive mark of quality and a distinguishing feature, they also offer you a positive and lasting image transfer.

TRAINING – DEVELOPING COMPETENCE

Train your staff to become mobility specialists. Selecting, fitting and using castors, wheels and complete systems is a diverse and complex subject that requires numerous factors to be taken into account. For this reason, we offer instruction and training courses for planners and users which are specifically geared to the different areas of the company.

We would be pleased to conduct courses on your premises or centrally in our modern training and information centre. Our TENTE Campus brings innovative solutions to life and provides inspiration for better mobility.



POINT-OF-SALE MARKETING – PERFECT CONSUMER APPEAL

We support you with a strong presentation at the point of sale. From cost-saving pre-labelling with barcode stickers, and advising on and optimising special product ranges, through to customer-oriented informational media and individual product presentations in the corporate image of your company.

Take advantage of our wide range of services for merchandise management and sales promotion to fully exploit the potential.

FULL SERVICES WITH TENTE

1

CONSULTATION

What challenges do you face? What would you like to improve? Safety at work? Efficiency? Productivity? Or all of the above? Our experts listen carefully and set the initial goals together with you.



2

ANALYSIS

By involving the necessary specialists, we get a precise picture of your current situation. Our experts look at all the decisive influencing factors and focus on your individual needs – starting with the requirements in terms of product specifications, through to system integration and delivery times. The entire analysis is carried out in a particular manner: wholly holistically.



3

PRESENTATION OF THE IDEA

We develop a concept idea for a mobility solution that is precisely aligned with your requirements. We present this to you in detail in a presentation and discuss the next steps.





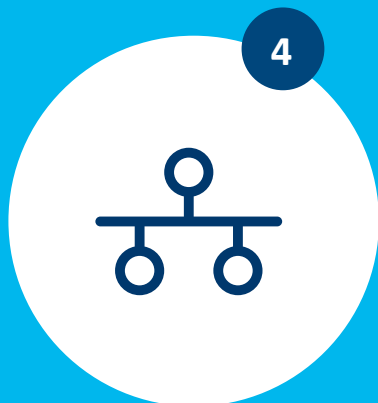
FINISHED SOLUTION

We deliver the finished mobility solution and are of course also happy to provide you with comprehensive support afterwards – for example with our all-round carefree service package. Contact us and we will advise you individually.



SAMPLE / PROTOTYPE

You receive an initial prototype or a certain number of sample castors from us. You can test these extensively in connection with your application before we finally complete the development together.



COLLABORATIVE DEVELOPMENT

The idea becomes a reality: In close coordination with you, we realise the planned project. In the process, we use our entire development expertise – and implement the joint concept.

DIVERSITY WITH A SYSTEM: OUR CASTORS

All of our products have their own specific qualities and strengths. Whether it's high design standards, specialist applications or exceptional load capacities – our range can meet your needs and can be adapted to fit different models.

From the correct dimensions and technical specifications to the required configuration, our product families are able to offer the ideal solution – for all your needs. Contact us for more information or visit our website: www.tente.com

E-Drive ultimate



⌀ 125 mm

E-Drive optima



⌀ 125 mm

Alpha



⌘ 70 - 500 kg
⌀ 80 - 200 mm

Delta



⌘ 300 - 600 kg
⌀ 125 - 200 mm

Delta twin



⌘ 600 - 750 kg
⌀ 125 - 200 mm

Zeta



⌘ 300 - 800 kg
⌀ 125 - 250 mm

Kappa



⌘ 300 - 3,000 kg
⌀ 80 - 300 mm

Kappa flex



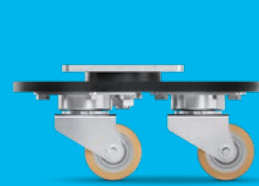
⌘ 360 - 750 kg
⌀ 160 - 200 mm

Omikron



⌘ 1,200 - 15,000 kg
⌀ 100 - 500 mm

Radiata



⌘ 1,200 - 1,500 kg
⌀ 80 mm

Scout



⌘ 150 - 350 kg
⌀ 160 - 200 mm

Linea industrial



⌘ 60 - 150 kg
⌀ 75 - 150 mm

Integral assist



100 - 150 kg
150 mm

Integral



100 - 150 kg
100 - 200 mm

Integral twin



125 - 250 kg
100 - 150 mm

Linea clinic



150 - 200 kg
125 - 150 mm

Forma



125 - 150 kg
125 - 150 mm

Aviana care



100 kg
75 mm

Aviana



100 kg
75 mm

Agila



40 - 100 kg
50 - 150 mm

Agila twin



50 - 100 kg
50 - 75 mm

Stora



60 - 160 kg
75 - 160 mm

Mono



30 - 70 kg
50 - 100 mm

Galea



60 - 100 kg
100 - 125 mm

Levina



60 - 100 kg
75 - 150 mm

Levina care



100 kg
100 - 125 mm

Linea



40 - 150 kg
50 - 150 mm

Anika



40 - 50 kg
55 - 75 mm

Lumina



10 - 100 kg
35 - 75 mm

Stylea



40 - 100 kg
35 - 100 mm

Smiles



40 kg
50 mm

Compacta



10 - 55 kg
14 - 50 mm

EXPERTISE THAT INSPIRES

CONTACT US

We are a globally operating company supporting you on five continents. This means on-site support with service on a level playing field – along with in-depth knowledge. Additionally, our solution experts will advise you on the best mobility concept for your needs. Visit our website to find your nearest TENTE location: www.tente.com/locations

INCREASE YOUR EFFICIENCY

Our intelligent mobility solutions help you save time, effort, energy, and operating expenses. This allows you to improve your operating methods and working conditions, thereby optimising your processes and ensuring higher productivity, profitability and safety. Ask for our solutions catalogue or read about how our customers benefit from our tailor-made solutions on our website: www.tente.com/mobility-solutions

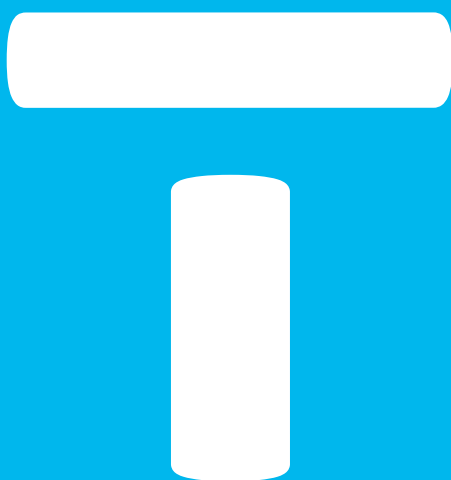
SAVE DEVELOPMENT TIME

On our website you will also find technical drawings, product data sheets and 2D and 3D CAD files in various formats:
www.tente.com/products

GET MORE INFORMATION

In addition to our informative website, you can easily download various catalogues and brochures on mobility solutions, customer references, and much more: www.tente.com/downloads





www.tente.com



PRODUCTIVITY



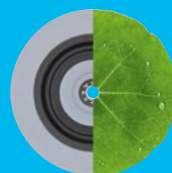
SAFETY



DESIGN



DURABILITY



ENVIRONMENT