


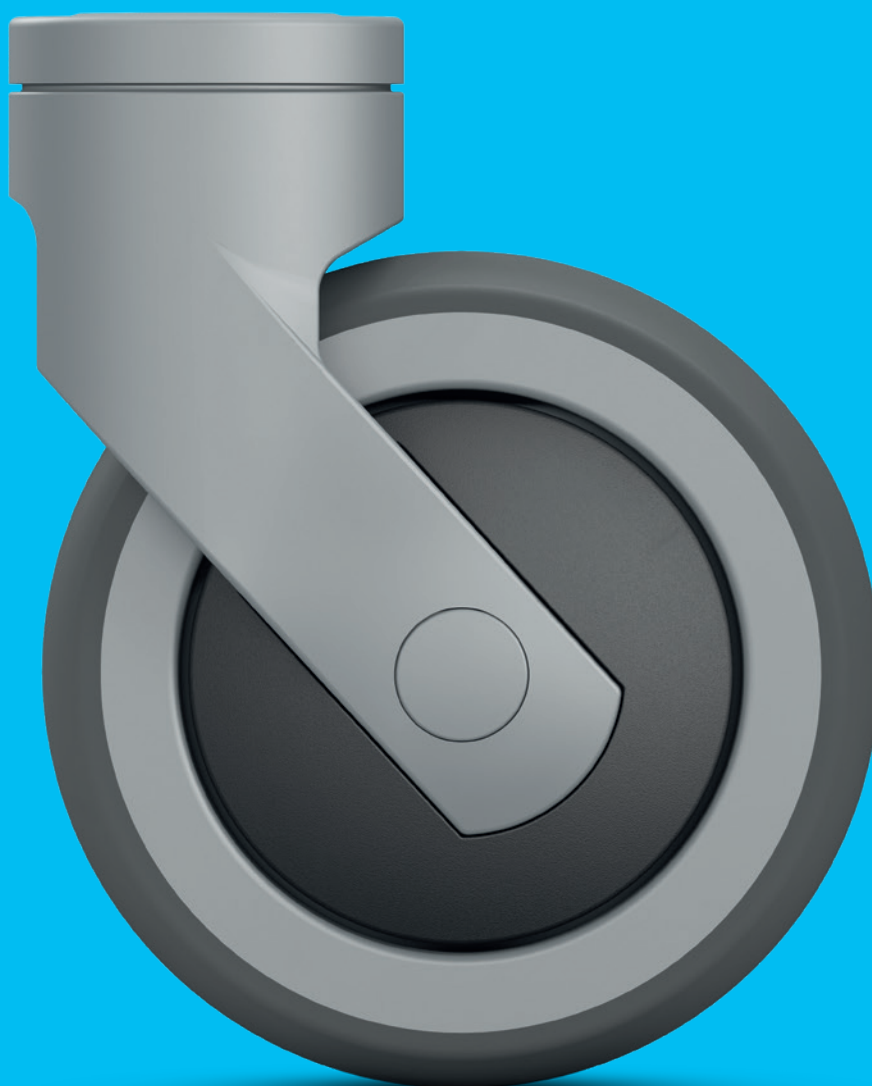
PRODUCT INFORMATION

LEVINA

 60 - 100 kg

 103 - 194 mm

 75 - 150 mm



TENTE

BETTER MOBILITY. BETTER LIFE.

HOUSINGS

PAGES: 4-7



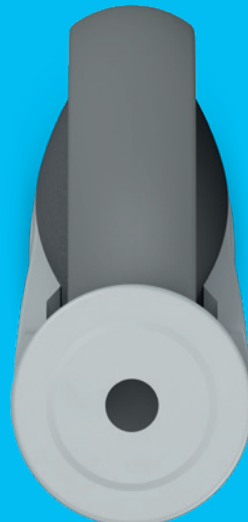
WHEELS

PAGES: 8-11



FITTINGS

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BETTER MOBILITY IN PREMIUM QUALITY

TENTE stands for 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, durability as well as environmental friendliness. Leading manufacturers and companies of different industries rely on these competencies and our high production quality.

On the following pages you will find technical information of our Levina product family. Additionally you will learn about the added value this mobility solution offers to your organization. Among others:

Quiet rolling

Soft wheel versions for a quiet working environment.

Washability

Optional version with stainless steel metal components for permanent washability.

Award-winning design

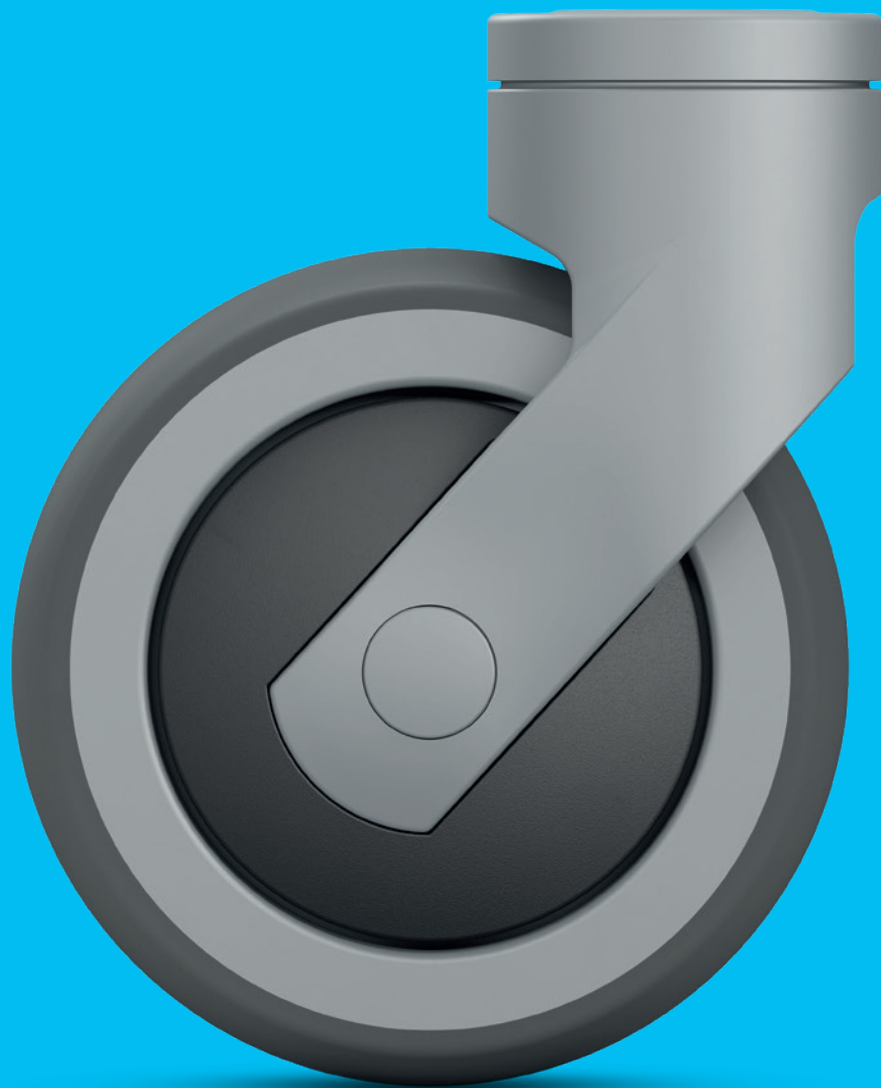
Presented with prestigious awards by international juries.



Deutscher Designer Club



HOUSINGS



FEATURES



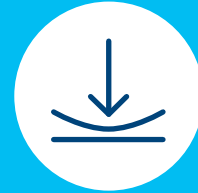
Unique shape

Design patented housing 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.



Easy steering

Swivel head with two ball races.



Secured stand

Total lock for simultaneously locking the wheel and swivel housing.



User-friendly central lock

Simultaneous locking of more than one castor using a central actuation lever. On request.



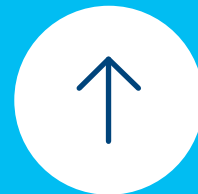
Colour matching

Colours can be adapted to match the product design. Below you can find the standard colours. Please contact us for your desired colour!



User-friendly colour scheme

Green kickstop pedal for directional lock and red kickstop pedal for total lock. Kickstop pedal colours:



Optimised steering mechanism

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

HOUSINGS

The housing is made of reinforced, glass filled polyamide with a slim shaped fork. It is extremely high shock absorbing and the low-maintenance design with integrated thread guards helps to prevent obstructions.

The materials are tested in our own test laboratory for compliance with European standards. Non-hazardous materials are used in order to comply with RoHS and REACH regulations. These do not contain polycyclic aromatic carbons (PAC) or chromium (VI). All components are chemical-resistant and insensitive to many cleaning agents and chemical substances.

Technical data and availability

						
Description	Housing type	Swivel castor	Swivel castor	Swivel castor	Swivel castor	Swivel castor
	Article description	5320	5370	5380	5325	5371
	Brake functions	-	-	-	Wheel brake	Directional lock
	Material	Reinforced, glass filled polyamide	Reinforced, glass filled polyamide	Reinforced, glass filled polyamide	Reinforced, glass filled polyamide	Reinforced, glass filled polyamide
	Swivel bearing	Plain bearing	Two ball races	Two ball races, stainless	Plain bearing	Two ball races
	Washable*	-	-	●	-	-
Swivel interference	Wheel Ø 75	Ø 129 mm	-	-	Ø 146 mm	-
	Wheel Ø 100	-	Ø 172 mm	Ø 172 mm	-	Ø 196 mm
	Wheel Ø 125	-	Ø 201 mm	Ø 201 mm	-	Ø 201 mm
	Wheel Ø 150	-	Ø 226 mm	Ø 226 mm	-	Ø 240 mm

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

*Washable versions with metal components made of stainless steel.



Swivel castor

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



Wheel brake

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



Directional lock

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



Total lock

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



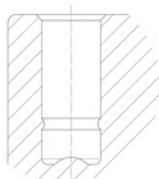
Swivel castor	Swivel castor	Swivel castor
5381	5377	5387
Directional lock	Total lock	Total lock
Reinforced, glass filled polyamide	Reinforced, glass filled polyamide	Reinforced, glass filled polyamide
Two ball races, stainless	Two ball races	Two ball races, stainless
●	-	●
-	-	-
Ø 196 mm	Ø 196 mm	Ø 196 mm
Ø 201 mm	Ø 201 mm	Ø 201 mm
Ø 240 mm	Ø 240 mm	Ø 240 mm



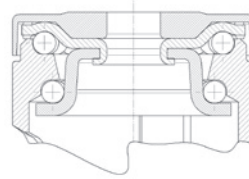
Ergonomic foot pedal

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

Swivel bearings



Plain bearing for plug-in fittings.



Two ball races for best manoeuvrability.

WHEELS



FEATURES



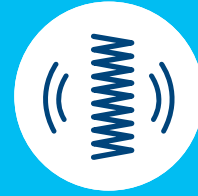
Quiet rolling

Soft wheel versions for a quiet working environment.



Prevents unintended movement

Wheel brake with pedal for manual actuation.



Low-vibration transport

Optional spring loaded stem fittings and extra soft wheel versions with good shock-absorbing properties available.



Non-marking movement

Wheels with reduced abrasion and little cleaning requirement.



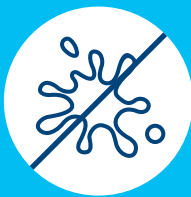
Low-maintenance wheels

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. Below you can find the standard colours. Please contact us for your desired colour!



RAL 9011



RAL 7001



RAL 9002

WHEELS

The characteristics of a wheel depend on the material and the bearing. These wheels with reduced abrasion and little cleaning requirement for non-marking movement are non-staining on contact with floors during long standing periods. 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.

Technical data and availability



Description	Product name	SUPRATECH	PURETECH	MAXTECH
	Article description	PJO, PJP, PJC	PIP	UAP, UAC, XSP, XSC
	Tread material	Thermoplastic rubber	Rubber	Injected polyurethane
	Tread hardness	Shore A 87	Shore A 75	Shore D 40
	Wheel body material	Polypropylene	Polypropylene	Polyamide
	Temperature range	-10°C / +40°C	-10°C / +40°C	-10°C / +40°C
	Width of tread	25 - 32 mm	32 mm	32 mm
	Electric conductive (10 ⁴ OHM)	-	-	Conductive and non-conductive
Bearing type	Plain bearing	● *	-	-
	Roller bearing	-	-	-
	Cone ball bearing	-	-	-
	Precision ball bearing	●	●	●
Load capacity	Wheel Ø 75	75 kg	-	-
	Wheel Ø 100	80 - 100 kg**	60 kg	100 kg
	Wheel Ø 125	100 kg	80 kg	80 - 100 kg***
	Wheel Ø 150	100 kg	-	100 kg

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

* Plain bearing without thread guards.

** Wheel with plain bearing 80 kg, wheel with precision ball bearing 100 kg.

*** Electric conductive wheels 80 kg, all other wheels 100 kg.

Bearing types



Plain bearing for short distances.



Precision ball bearing for highest performance.

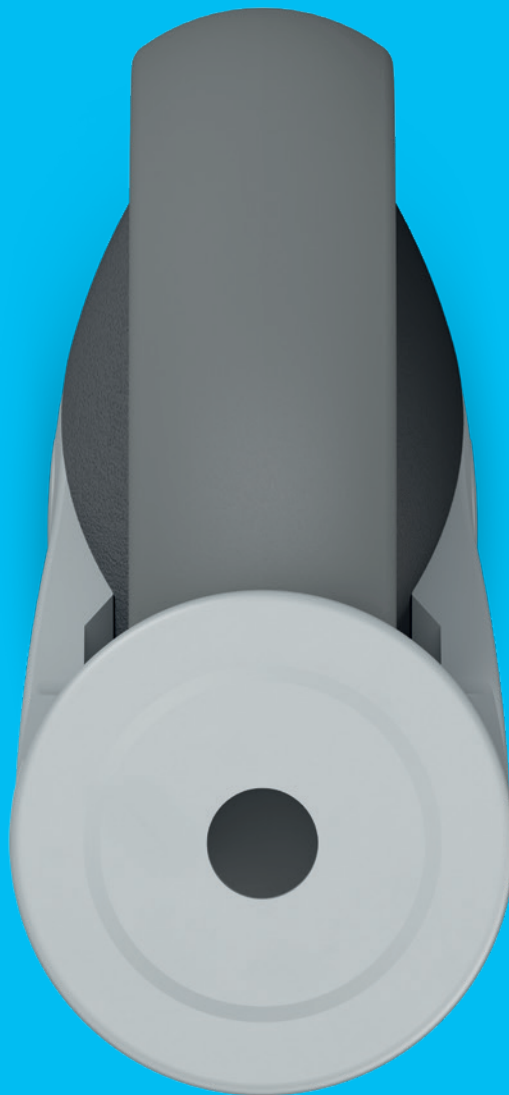


Load capacity

The load capacity depends on the housing and wheel. It has been tested and fulfils the requirements according to EN 12530 at a speed of 4 km/h. When using 4 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 3 castors.

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

FITTINGS

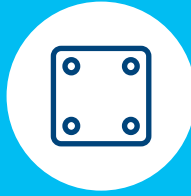


FEATURES



Fast assembly

Faster assembly thanks to easy plug-in fittings.



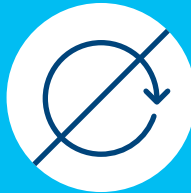
Variable fitting options

Wide range of fittings in various sizes.



Low-vibration transport

Optional spring loaded stem fittings and extra soft wheel versions with good shock-absorbing properties available.



Anti-twist fitting

Anti-twist protection for castors with directional lock.

PLATE FITTINGS

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.



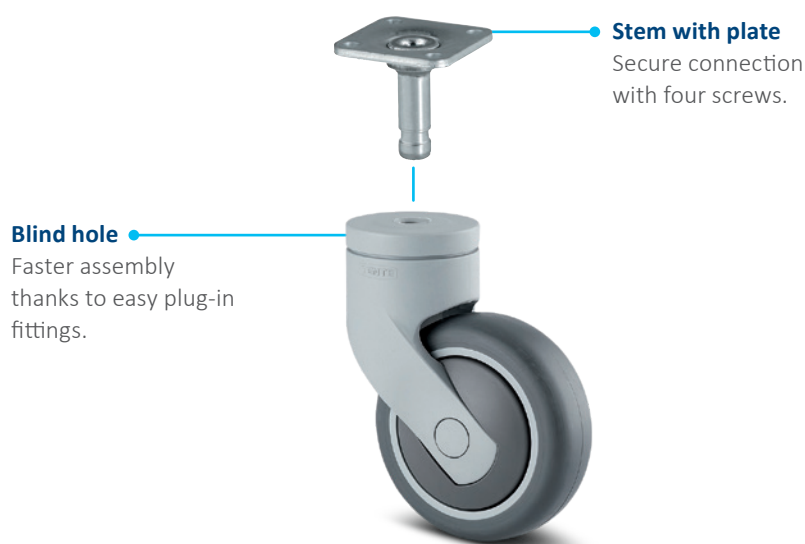
Technical data and availability

				
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
	Plate hole \varnothing	8,5 mm	11 mm	11 mm
Overall height	Wheel \varnothing 75	-	-	-
	Wheel \varnothing 100	137 mm	141 mm	141 mm
	Wheel \varnothing 125	161 mm	165 mm	165 mm
	Wheel \varnothing 150	190 mm	194 mm	194 mm






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

PLUG-IN PLATE FITTINGS

For castors with the blind hole fitting (L51-10), different plug-in plate fittings are available.



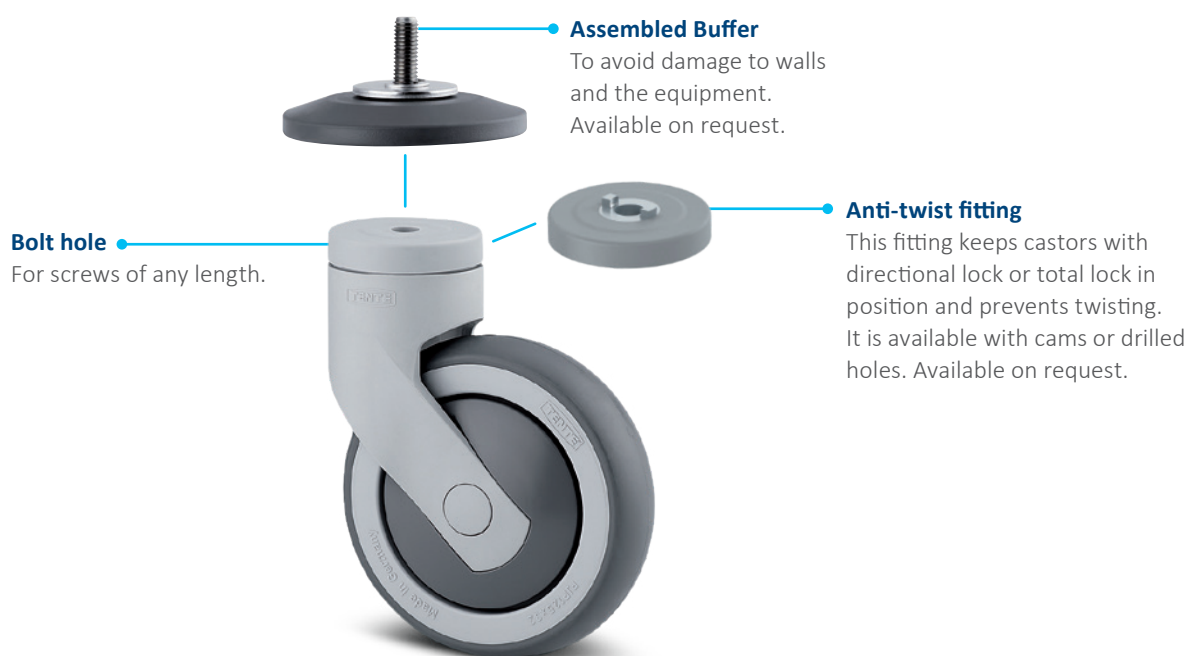
Technical data and availability

Description	i	Fitting type	    				
			Blind hole	Stem with plate	Stem with plate	Stem with plate	Stem with plate
			L51-10	P40	P41	P41	P41
			-	60 x 60 mm	38 x 38 mm	42 x 42 mm	65 x 65 mm
			-	48/38 x 48/38 mm	27 x 27 mm	32 x 32 mm	47/42 x 47/42 mm
			-	6,3 mm	5 mm	5 mm	6 mm
Overall height	↻	Wheel Ø 75	103 mm	116,5 mm	113 mm	115 mm	115 mm
			-	-	-	-	-
			-	-	-	-	-
			-	-	-	-	-

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

BOLT HOLE FITTINGS

The bolt hole (P30) is for a solid fixation by 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 \varnothing	11 mm	13 mm
Overall height	Wheel \varnothing 75	-	-
	Wheel \varnothing 100	137 mm	137 mm
	Wheel \varnothing 125	161 mm	161 mm
	Wheel \varnothing 150	190 mm	190 mm

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

PLUG-IN THREADED STEM FITTINGS

For all castors with a blind hole fitting (L51-10), plug-in threaded stem fittings are available.



Technical data and availability

					
Description	Fitting type	Blind hole	Stem with threads	Stem with threads	Stem with threads
	Article description	L51-10	S70	S70	S70
	Threaded stem	-	M8	M10	M10
	Threaded stem length	-	15 mm	10 - 50 mm	78 mm
	Blind hole Ø	10 mm	-	-	-
	Stem Ø	-	10 mm	10 mm	10 mm
Overall height	Wheel Ø 75	103 mm	109 mm	109 mm	112 mm
	Wheel Ø 100	-	-	-	-
	Wheel Ø 125	-	-	-	-
	Wheel Ø 150	-	-	-	-




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

SOLID STEM FITTINGS

For an easy mounting in tubes we offer solid stem fittings (R05) with suitable adaptors. For long-lasting use, all fittings of the Levina product family are designed with high quality zinc plating and blue passivation or stainless steel.



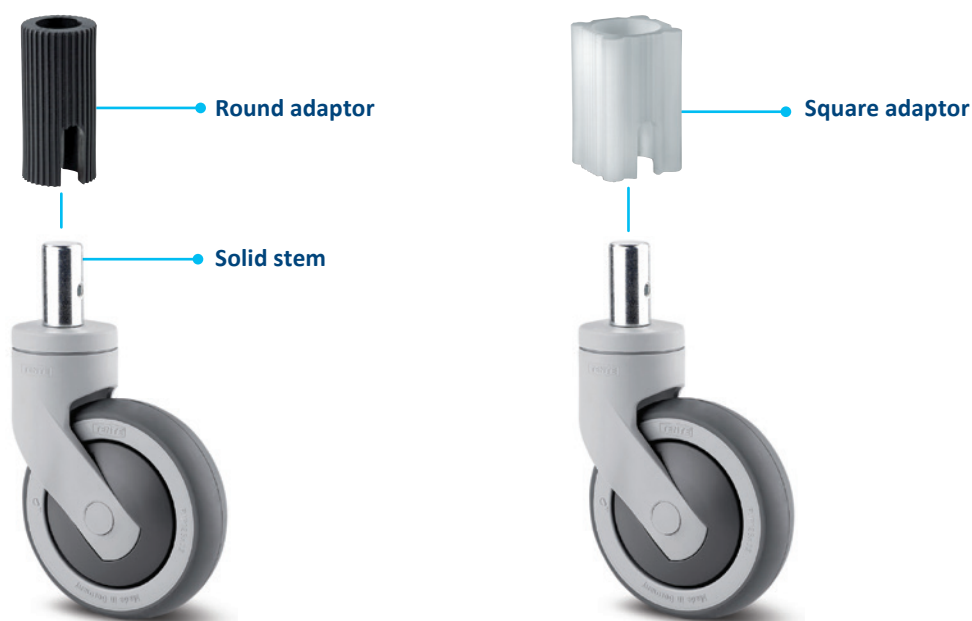
Technical data and availability

				
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 \varnothing	18 mm	22 mm	28 mm
	Solid stem lenght	62 mm	45 mm	45 mm
Overall height	Wheel \varnothing 75	-	-	-
	Wheel \varnothing 100	137 mm	137 mm	137 mm
	Wheel \varnothing 125	161 mm	161 mm	161 mm
	Wheel \varnothing 150	190 mm	190 mm	190 mm


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

ADAPTORS FOR TUBES

For the solid stem fittings (R05), different adaptors for a flexible adaption to round tubes and square tubes are available.



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	Ø 18 mm	Ø 22 mm	Ø 18 mm	Ø 22 mm	Ø 28 mm
	Solid stem lenght	62 mm	45 mm	62 mm	45 & 60 mm	45 & 60 mm

EXPANDING FITTINGS FOR TUBES

The adjustable expanders are for a flexible installation in different tube sizes.
It is available for all castors with bolt holes (P30) in diameter 11 mm.



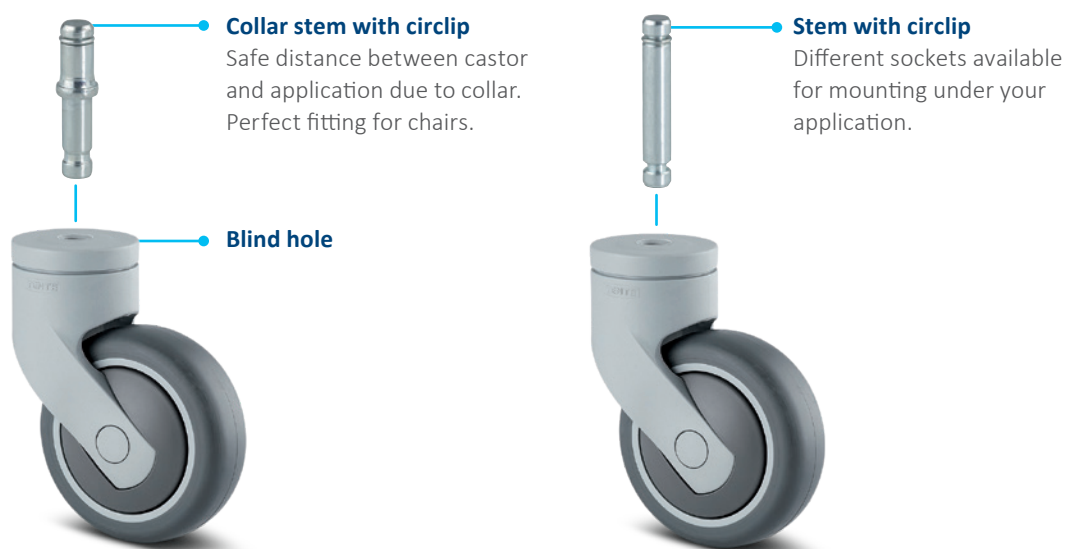
Technical data and availability

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

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

PLUG-IN STEM FITTINGS

For all castors with a blind hole fitting (L51-10), different plug-in fittings are available which allows a faster assembly. These fittings are installation-friendly and provide additional safety due to the circlip.



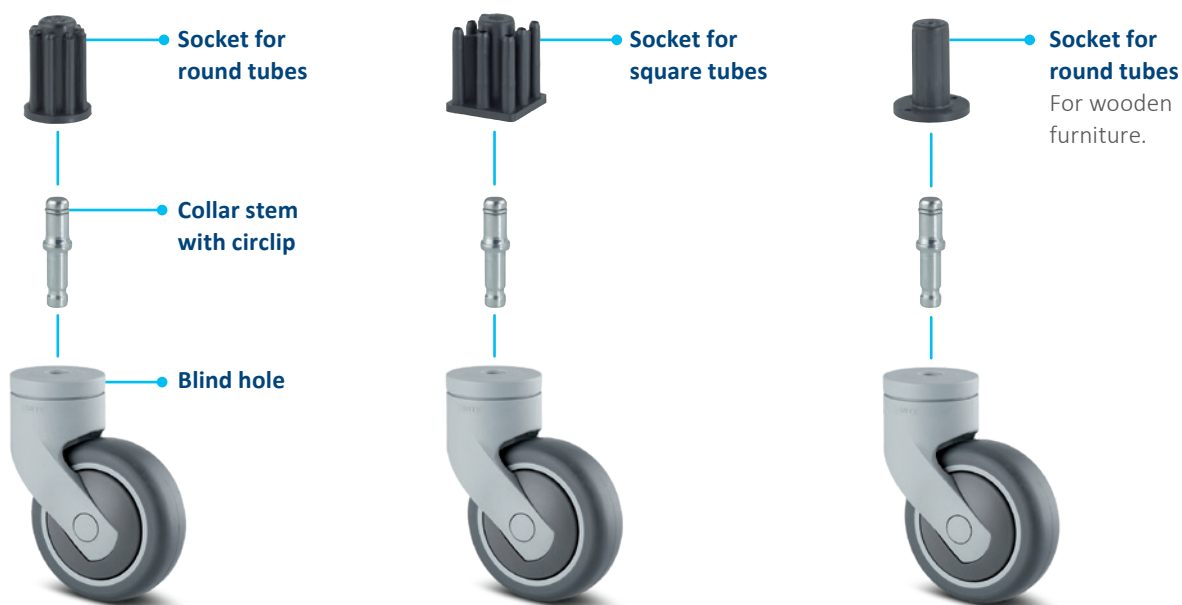
Technical data and availability

					
Description	Fitting type	Blind hole	Collar stem with circlip	Collar stem with circlip	Stem with circlip
	Article description	L51-10	B10	B10	B11
	Stem measurements	-	10 x 20 mm 11 x 20 mm 11 x 30 mm	9 x 24 mm	10 x 33 mm
	Hole & stem Ø	10 mm	10 mm	10 mm	10 mm
Overall height	Wheel Ø 75	103 mm	107,5 mm	107 mm	103 mm
	Wheel Ø 100	-	-	-	-
	Wheel Ø 125	-	-	-	-
	Wheel Ø 150	-	-	-	-

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

SOCKETS

For the plug-in collar stem fitting (B10) with measurements 11 x 30 mm, different sockets are available.



Technical data and availability

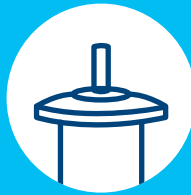
				
Description	Tube type	Round	Square	Round (wooden furniture)
	Article description	R20	R40	H40
	Compatible with product	B10 - 11 x 30 mm	B10 - 11 x 30 mm	B10 - 11 x 30 mm
	Socket Ø / collar Ø	14/18 mm 15/18 mm 16/18 mm 17/19 mm 18/20 mm 19/21 mm 20/21 mm 22/25 mm 23/26 mm	16/20 mm 17/19 mm 18/20 mm 21/23,5 mm 22/24,5 mm 23/25,5 mm 26/30 mm	15 mm
	Overall height	36 mm	36 mm	36 mm

ADDITIONAL FEATURES



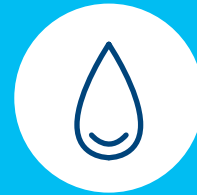
Award-winning design

Presented with prestigious awards by international juries.



Wall protection

Bumper to avoid damage to walls and equipment.



Washability

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



Certified conductivity

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



Tested quality

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



Compliant version

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



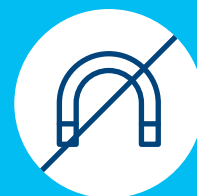
Non-hazardous materials

Complies with RoHS and REACH regulations. Does not contain polycyclic aromatic carbons (PAC) or chromium (VI).



Chemical-resistant components

Insensitive to many cleaning agents and chemical substances.



Reliable scanning

Non-magnetic (completely metal-free) for security scanners and magnetic resonance imaging (MRI). More information on request.

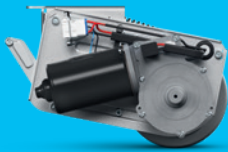
DIVERSITY WITH A SYSTEM

OUR CASTORS

Each of our product families is defined by specific criteria. The focus can lie on a high design standard, a special area of application or an exceptional load capacity. Based on these defined characteristics, a variation in each system's design is available for each particular model.

From the correct dimensions and technical specifications to the required configuration, whatever you need, our product families can offer you the ideal solution. Contact us for more information or visit our website: www.tente.com

E-Drive



⌀ 125 mm

Alpha



⌘ 70 - 500 kg
⌀ 58 - 250 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 - 2000 kg
⌀ 80 - 300 mm

Kappa flex



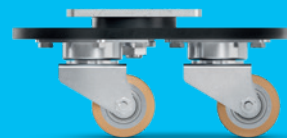
⌘ 360 - 750 kg
⌀ 160 - 200 mm

Omikron



⌘ 900 - 6000 kg
⌀ 100 - 500 mm

Radiata



⌘ 1200 - 1500 kg
⌀ 80 mm

Scout



150 - 250 kg
160 - 200 mm

Integral



80 - 150 kg
100 - 200 mm

Integral twin



125 - 250 kg
100 - 150 mm

Linea



40 - 150 kg
50 - 150 mm

Aviana



100 kg
75 mm

Agila



40 - 100 kg
50 - 150 mm

Stora



55 - 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

Anika



40 - 50 kg
55 - 75 mm

Lumina



20 - 100 kg
35 - 100 mm

Stylea



40 - 100 kg
35 - 100 mm

Smiles



40 kg
50 mm

Compacta



10 - 40 kg
14 - 50 mm

EXPERTISE THAT INSPIRES

CONTACT US

We are a global operating company that offers you support on five continents. That means on the spot support with an equal opportunity service and in-depth knowledge. Additionally, our experienced solution experts can advise you on the best mobility solution for your needs. Find your local TENTE contact on our website: www.tente.com/locations

INCREASE YOUR EFFICIENCY

With our smart mobility solutions we help you save time, effort, energy and operational costs. This way you can improve your working methods and conditions, thereby, achieving optimisation of your processes and ensuring increased productivity, profitability and safety. Request our solution catalogue or read on our website how our customers benefit from our customised solutions: www.tente.com/solutions

SAVE DEVELOPMENT TIME

On our website you can find technical drawings, product data sheets, as well as 3D CAD files: www.tente.com/levina





www.tente.com



PRODUCTIVITY



SAFETY



DESIGN



DURABILITY



ENVIRONMENT