

PRODUCT INFORMATION

GALEA

 60 - 100 kg

 137 - 174 mm

 100 - 125 mm



TENTE

BETTER MOBILITY. BETTER LIFE.

GALEA

Full choice of customisable product solutions.



HOUSINGS

Pages: 4-7



WHEELS

Page: 8-11



FITTINGS

Pages: 12-18

GALEA LIGHT

Varieties with plug-in fittings.



GALEA LIGHT

Pages: 19-25

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 from different industries rely on these competencies and our high production quality.

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

Easy steering

Double ball bearing swivel head.

Low-vibration transport

Optional extra soft wheels with good shock absorbing properties.

Chemical-resistant components

Insensitive to many cleaning agents and chemical substances.

HOUSINGS

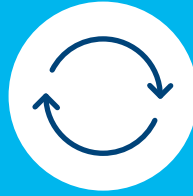


FEATURES



Painted surface

Gold, chrome, aluminium or glossy colours.



Easy steering

Double ball bearing swivel head.



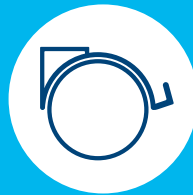
Ergonomic foot pedal

Easily accessible pedal for manual wheel lock.



Optimised steering mechanism

Directional lock for improved steering in curves and driving in a straight line for long distances.



User-friendly colour scheme

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



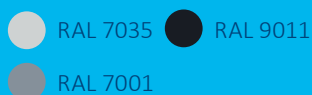
Secured stand

Total lock for simultaneously locking the wheel and swivel housing.



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 approved).



Individual branding

Can be printed with a logo.

HOUSINGS

The housings are made of polyamide with a double ball bearing in a swivel head. 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 the European Union's REACH regulation. These do not contain polycyclic aromatic hydrocarbons or chromium (VI). Can be used in the food industry (LERPAC approved).

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



Wheel brake
Wheel brake with pedal for manual operation that prevents unintended movement.

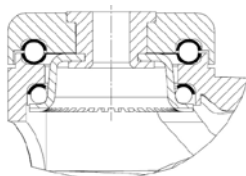


Directional lock
Directional lock for improved stability when steering around bends, as well as moving in a straight line for long distances.



Total lock
Total lock for simultaneously locking the wheel and swivel housing, which ensures secure standing.

Swivel bearing



Double ball bearing for good manoeuvrability.

Standard castors



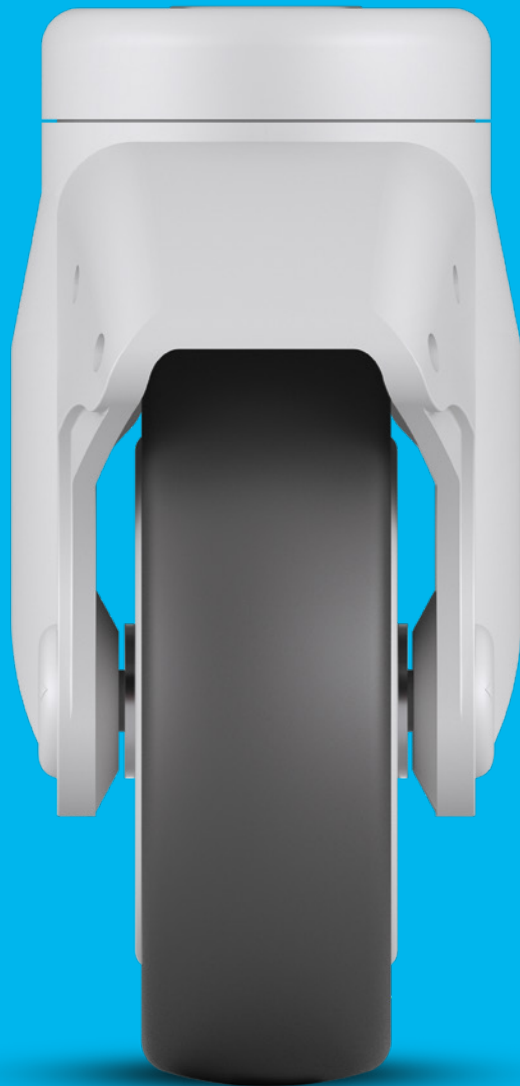
 Description	Housing type	Swivel castor	Swivel castor with wheel brake	Swivel castor with total lock	Swivel castor with directional lock
	Article description	5070	5075	5077	5071
	Material	Polyamide	Polyamide	Polyamide	Polyamide
	Swivel bearing	Double ball bearing	Double ball bearing	Double ball bearing	Double ball bearing
 Swivel interference	Wheel Ø 100 mm	184 mm	256 mm	256 mm	256 mm
	Wheel Ø 125 mm	205 mm	258 mm	258 mm	258 mm

Washable castors



 Description	Housing type	Swivel castor	Swivel castor with wheel brake	Swivel castor with total lock	Swivel castor with directional lock
	Article description	5080	5085	5087	5081
	Material	Polyamide	Polyamide	Polyamide	Polyamide
	Swivel bearing	Double ball bearing, stainless	Double ball bearing, stainless	Double ball bearing, stainless	Double ball bearing, stainless
 Swivel interference	Wheel Ø 100 mm	184 mm	256 mm	256 mm	256 mm
	Wheel Ø 125 mm	205 mm	258 mm	258 mm	258 mm

WHEELS



FEATURES



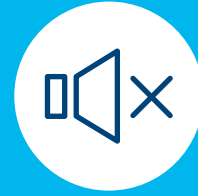
Low-vibration transport

Optional extra soft wheels with good shock-absorbing properties.



Protective seal

Optional wheels with sealed bearings to protect against spray water and dirt.



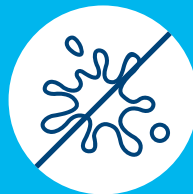
Quiet rolling

Soft wheel versions for a quiet working environment.



Non-marking movement

Wheels with reduced abrasion and little cleaning requirement.



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.



Low-maintenance wheels

Thread guard for unobstructed rolling and minimal cleaning effort.



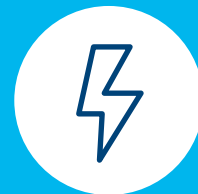
Chemical-resistant components

Insensitive to many cleaning agents and chemical substances.



Permanent washability

Versions made with stainless steel components available.



Certified conductivity

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

WHEELS

The characteristics of the wheel depend on the material. However, our wheels all have excellent performance and outstanding manoeuvrability due to high-performance materials. These wheels require minimal cleaning and leave no marks or stains on floors, even during long standing periods. The thread guard reduces clogging and ensures this is a low-maintenance product.



Supratech

Extremely versatile with a smooth-running thermoplastic rubber tread. Washable and conductive versions available.



Puretech

Robust standard with rubber tread for versatile use.



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 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 types



Plain bearing for short distances.



Precision ball bearing.

Technical data and availability



		Description				
		Supratech	Supratech conductive	Supratech precision	Supratech conductive	Puretech
Description	Product name	Supratech	Supratech conductive	Supratech precision	Supratech conductive	Puretech
	Article description	PJO, PJH, PJM	YGP, YGH	PJP, PJC	YGC, YGM	PIO,PIP
	Tread material	Thermoplastic rubber, grey non-marking	Thermoplastic rubber	Thermoplastic rubber, grey non-marking	Thermoplastic rubber	Solide rubber
	Tread hardness	Shore A 87	Shore A 87	Shore A 87	Shore A 87	Shore A 80
	Wheel body material	Polypropylene	Polypropylene	Polypropylene	Polypropylene	Polypropylene
	Temperature range	-20 °C / +60 °C	-20 °C / +60 °C	-20 °C / +60 °C	-20 °C / +60 °C	-20 °C / +60 °C
	Width of tread	30 mm	30 mm	30 mm	30 mm	30 - 32 mm**
	Washable*	● Optional	-	-	●	-
	Electric conductive (10⁴ OHM)	-	●	-	●	-
	Thread guard	● Optional	●	●	●	-
Bearing type	Plain bearing	● Optional stainless	●	-	-	●
	Roller bearing	-	-	-	-	-
	Cone ball bearing	-	-	-	-	-
	Precision ball bearing	-	-	●	●	●
Load capacity	Wheel Ø 100 mm	100 kg	100 kg	100 kg	100 kg	60 - 100 kg**
	Wheel Ø 125 mm	100 kg	100 kg	100 kg	100 kg	60-100 kg**

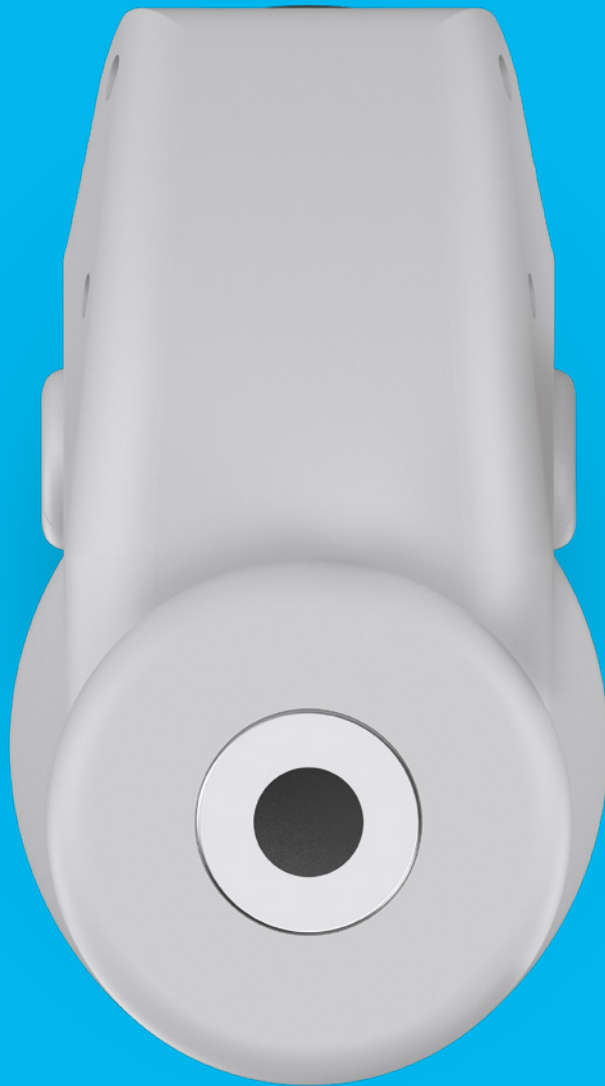
Items with this sign "●" are available. Items with this sign "-" are not available in our standard range. Please contact us.

The mentioned load capacity is only valid for the Galea castors. The load capacity for a single wheel can be different.

* Washable castors have a stainless bearing.

** Wheels with 30 mm tread width have just 60 kg load capacity and wheels with 32 mm tread width have 100 kg load capacity.

FITTINGS

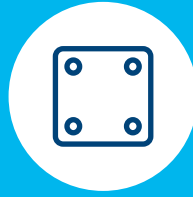


FEATURES



Fast assembly

Quick assembly thanks to easy plug-in fittings.



Variable fitting options

Wide range of fittings in various sizes.

ADDITIONAL FEATURES



Award-winning design

Presented with prestigious awards by international juries.



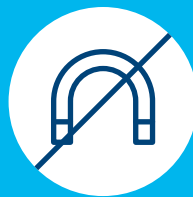
Tested quality

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






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

PLATE FITTINGS

Secure connection with four screws. All fittings of the Galea product family are made with high quality virgin polyamide to ensure long-lasting use.



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	96 x 70 mm
	Plate hole centres	61,5/56 x 51,5/46,5 mm	75 x 50 mm	76/72 x 52/44,5 mm
	Plate hole \varnothing	8,5 mm	11 mm	11 mm
Overall height 	Wheel \varnothing 100 mm	137 mm	141 mm	141 mm
	Wheel \varnothing 125 mm	159 mm	163 mm	163 mm





BOLT HOLE FITTINGS

Use M10 or M12 screws of any length to attach the castor with bolt hole to the application.*

Bolt hole
For screws of any length.*



Technical data and availability

			
Description 	Fitting type	Bolt hole	Bolt hole
	Article description	P30	P30
	Bolt hole \varnothing	10 mm	12 mm
Overall height 	Wheel \varnothing 100 mm	139 mm	139 mm
	Wheel \varnothing 125 mm	162 mm	162 mm

* For more than 40 mm screws, please contact us, they have to be inserted in our factory.

SOLID STEM FITTINGS

For long-lasting use, all fittings of the Galea product family are designed with high quality zinc plating and blue passivation.



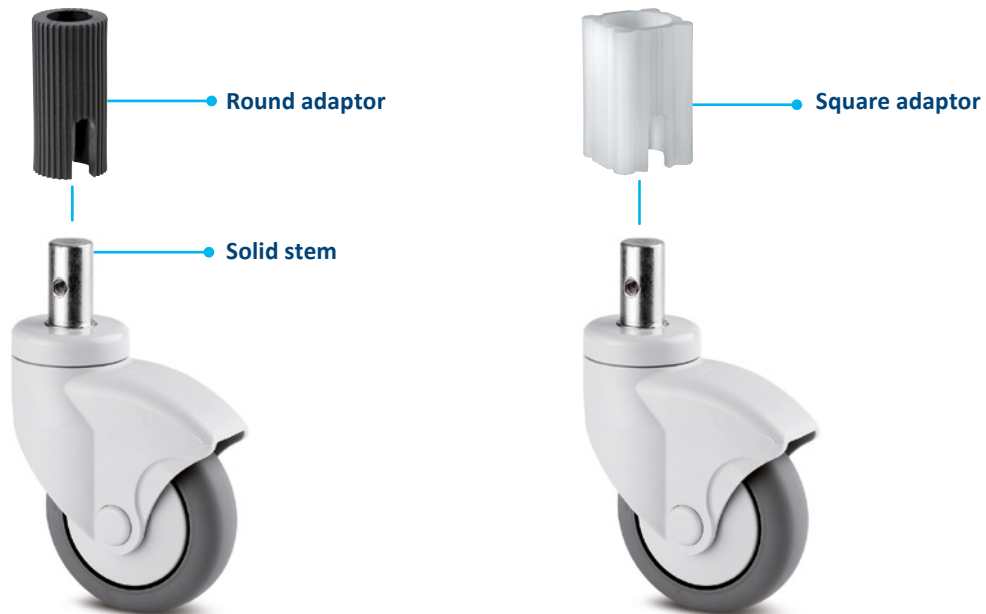
Technical data and availability



Description	Fitting type	Solid stem
	Article description	R05
	Thread for fixation screw	M8
	Thread position from bottom	15 mm
	Solid stem \varnothing	22 mm
	Solid stem length	40 mm
Overall height	Wheel \varnothing 100 mm	139 mm
	Wheel \varnothing 125 mm	162 mm



ADAPTORS FOR TUBES

Different adaptors are available to fit solid stem fittings into round or square tubes.



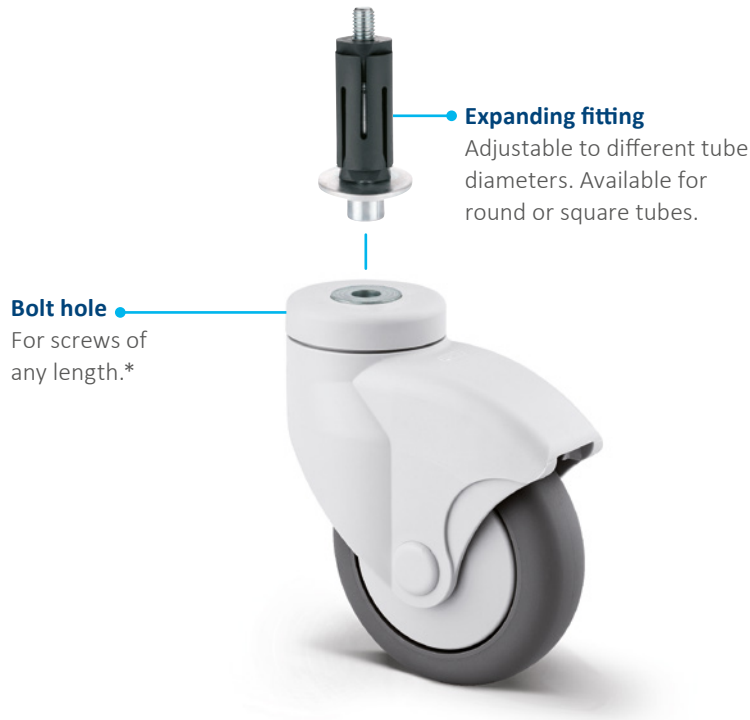
Technical data and availability



Description	 		
	Tube type	Round	Square
	Article description	R08	R48
	Compatible with product	R05	R05
	Adaptor measurements	Ø 28 mm Ø 30 mm	27 x 27 mm 32 x 32 mm 36 x 36 mm
	Solid stem Ø	22 mm	22 mm
Solid stem length	45 mm	45 mm	

EXPANDING FITTINGS FOR TUBES

Adjustable expanders allow for a flexible installation in different tube sizes. These are available for all castors with bolt holes with a 10 mm diameter.



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	10 mm	-	-
	Compatible with blind hole Ø	-	10 mm	10 mm
Overall height	Wheel Ø 100 mm	139 mm	●	●
	Wheel Ø 125 mm	162 mm	●	●

Items with this sign "●" are available.

* For more than 40 mm screws, please contact us, they have to be inserted in our factory.

GALEA LIGHT




GALEA LIGHT

A light version of the Galea is also available - with easy-to-use plug-in fittings.

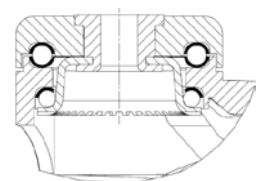


Housing versions



i Description	Housing type	Swivel castor	Swivel castor with wheel brake
	Article description	5020	5025
	Material	Polyamide	Polyamide
	Swivel bearing	Double ball bearing	Double ball bearing
 Swivel interference	Wheel \varnothing 100 mm	256 mm	256 mm
	Wheel \varnothing 125 mm	258 mm	258 mm

Swivel bearing



Double ball bearing

Wheel versions



Description	Product name	Supratech	Supratech conductive	Supratech precision	Supratech conductive	Puretech
	Article description	PJO, PJH, PJM	YGP, YGH	PJP, PJC	YGC, YGM	PIO, PIP
	Tread material	Thermoplastic rubber, grey non-marking	Thermoplastic rubber	Thermoplastic rubber, grey non-marking	Thermoplastic rubber	Solid rubber
	Tread hardness	Shore A 87	Shore A 87	Shore A 87	Shore A 87	Shore A 80
	Wheel body material	Polypropylene	Polypropylene	Polypropylene	Polypropylene	Polypropylene
	Temperature range	-20 °C / +60 °C	-20 °C / +60 °C	-20 °C / +60 °C	-20 °C / +60 °C	-20 °C / +60 °C
	Width of tread	30 mm	30 mm	30 mm	30 mm	30 - 32 mm**
	Washable*	● Optional	-	-	●	-
	Electric conductive (10 ⁴ OHM)	-	●	-	●	-
	Thread guard	● Optional	●	●	●	-
Bearing type	Plain bearing	● Optional stainless	●	-	-	●
	Roller bearing	-	-	-	-	-
	Cone ball bearing	-	-	-	-	-
	Precision ball bearing	-	-	●	●	●
Load capacity	Wheel Ø 100 mm	100 kg	100 kg	100 kg	100 kg	60 - 100 kg**
	Wheel Ø 125 mm	100 kg	100 kg	100 kg	100 kg	60 - 100 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 Galea light castors. The load capacity for a single wheel can be different.

* Washable castors have a stainless bearing.

** Wheels with 30 mm tread width have just 60 kg load capacity and wheels with 32 mm tread width have 100 kg load capacity.

Bearing types



Plain bearing for short distances.



Precision ball bearing.



Load capacity

The load capacity depends on the housing and wheel. It has been tested and fulfils the requirements according to EN 12528 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.

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

PLUG-IN PLATE FITTINGS

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



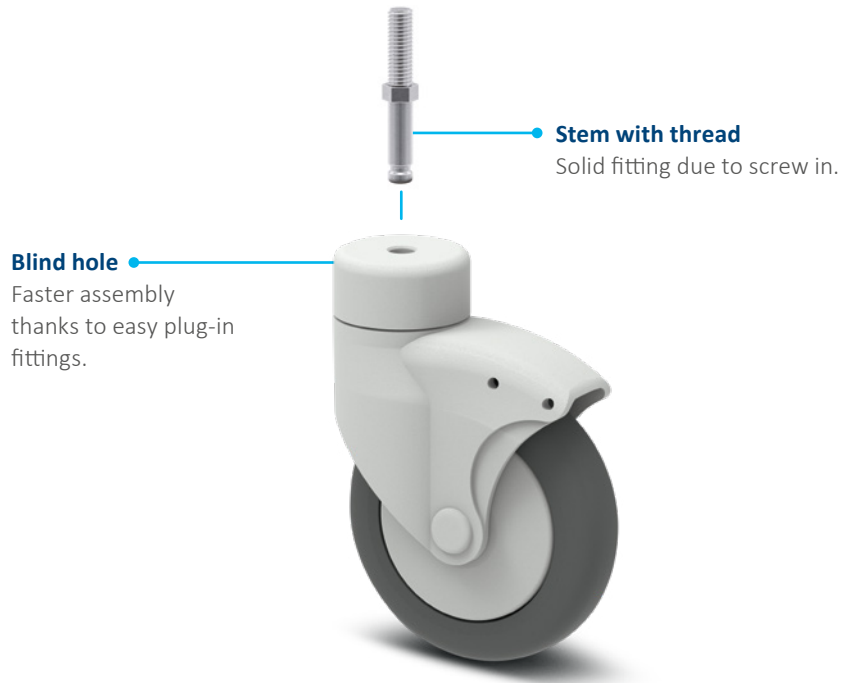
Technical data and availability



Description	Fitting type	Blind hole	Stem with plate	Stem with plate	Stem with plate
	Article description	L51-11	P41	P40	P41
	Size of plate	-	42 x 42 mm	60 x 60 mm	65 x 65 mm
	Plate hole centres	-	32 x 32 mm	48/38 x 48/38 mm	47/42 x 47/42 mm
	Plate hole \varnothing	-	5,1 mm	6,3 mm	6,3 mm
	Blind hole \varnothing	11 mm	-	-	-
	Compatible with blind hole \varnothing	-	11 mm	11 mm	11 mm
Overall height	Wheel \varnothing 100 mm	139 mm	151 mm	151 mm	149 mm
	Wheel \varnothing 125 mm	162 mm	174 mm	174 mm	172 mm


PLUG-IN THREADED STEM FITTINGS

Different plug-in threaded stem fittings are also available for castors with a blind hole fitting.



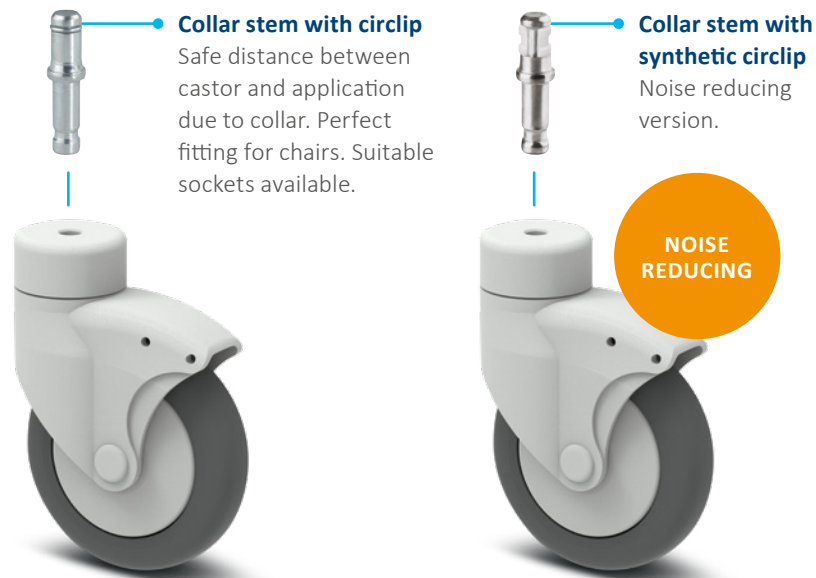
Technical data and availability



	Fitting type	Blind hole	Threaded stem	Threaded stem
	Article description	L51-11	S70	S70
	Threaded stem measurements	-	M8 x 25 mm M10 x 15 mm M10 x 25 mm	M10 x 50 mm M10 x 70 mm M12 x 25 mm
	Blind hole \varnothing	11 mm	-	-
	Compatible with blind hole \varnothing	-	11 mm	11 mm
	Wheel \varnothing 100 mm	139 mm	144 mm	148 mm
	Wheel \varnothing 125 mm	162 mm	167 mm	171 mm
Overall height				

PLUG-IN STEM FITTINGS

For all castors with a blind hole fitting, different plug-in fittings are available to allow for faster assembly. These fittings are efficient and easy to install.



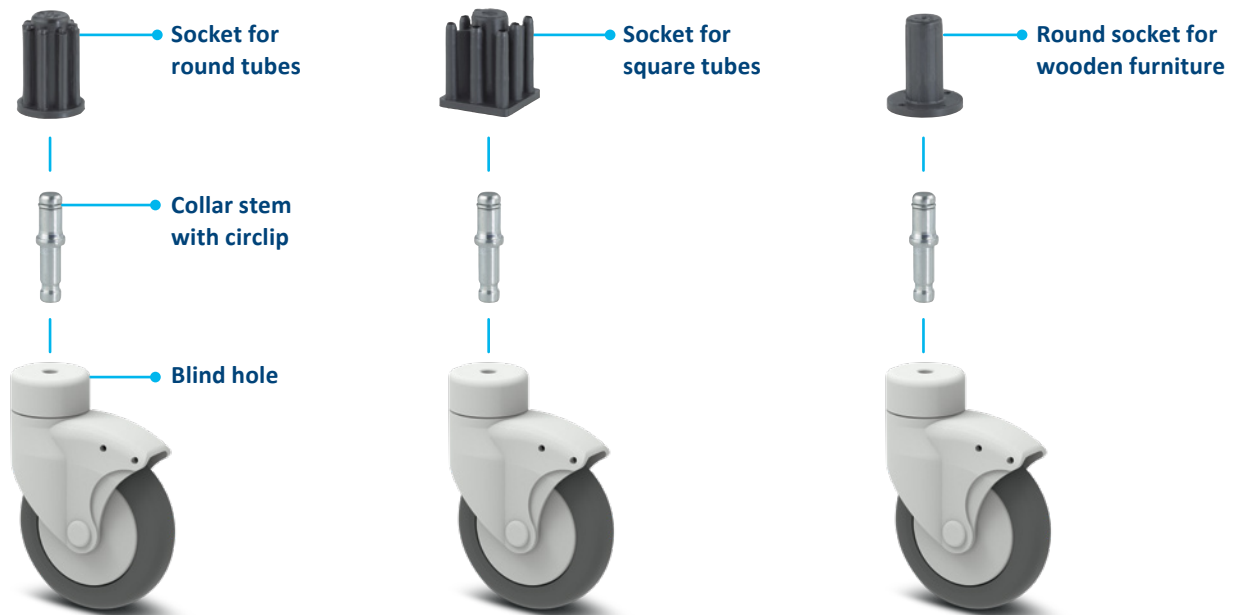
Technical data and availability

					
Description	Fitting type	Blind hole	Collar stem with circlip	Collar stem with circlip	Collar stem with synthetic circlip
	Article description	L51-11	B10	B10	B40
	Stem measurements (Ø x Length)	-	10 x 20 mm 11 x 20 mm 11 x 30 mm	11 x 30 mm	11 x 20 mm
	Blind hole Ø	11 mm	-	-	-
	Compatible with Blind hole Ø	-	11 mm	11 mm	11 mm
Overall height	Wheel Ø 100 mm	139 mm	144 mm	144 mm	144 mm
	Wheel Ø 125 mm	162 mm	167 mm	167 mm	167 mm

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

SOCKETS

Plug-in collar stem fittings can be used with different sockets for easy, stable assembly under different applications.



Technical data and availability



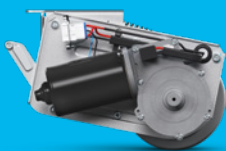
i		Round socket for tubes	Square socket for tubes	Round socket for wooden furniture
Description	Socket type	Round socket for tubes	Square socket for tubes	Round socket for wooden furniture
	Article description	R20	R40	H40
	Compatible with product	B10 11 x 30 mm	B10 11 x 30 mm	B10 11 x 30 mm
	Socket \varnothing / 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

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 – whatever you need. Contact us for more information or visit our website: www.tente.com

E-Drive



⌀ 125 mm

Alpha



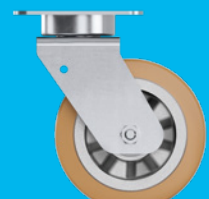
⊃ 70 - 500 kg
⌀ 80 - 200 mm

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



⊃ 900 - 11.000 kg
⌀ 100 - 500 mm

Radiata



1.200 - 1.500 kg
80 mm

Scout



150 - 350 kg
160 - 200 mm

Integral



100 - 150 kg
100 - 200 mm

Integral twin



125 - 250 kg
100 - 150 mm

Linea clinic



150 - 200 kg
125 - 150 mm

Aviana care



100 kg
75 mm

Aviana



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

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 running costs. 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/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/galea

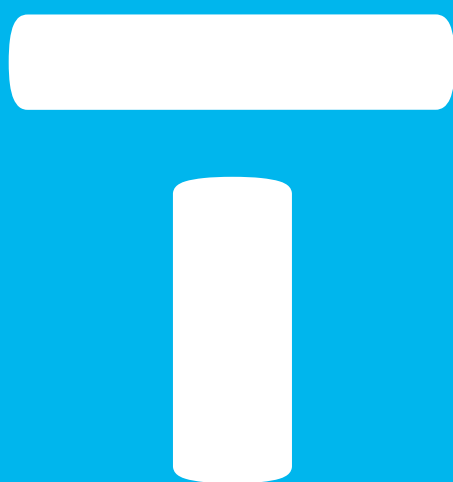
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As well as this information, our website also offers you the chance to download various catalogues and brochures on mobility solutions, customer references, and much more: www.tente.com/download



ER LIFE.

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www.tente.com



PRODUCTIVITY



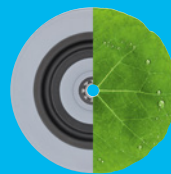
SAFETY



DESIGN



DURABILITY



ENVIRONMENT