


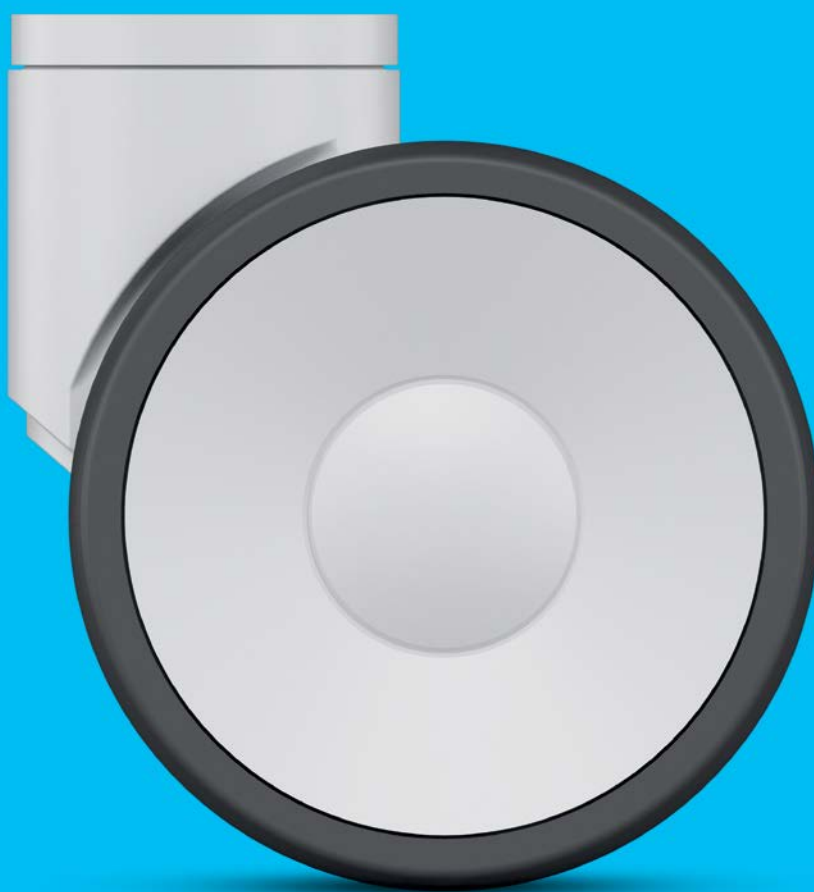
# PRODUCT INFORMATION

## LINEA

 40 - 150 kg

 50 - 177 mm

 50 - 150 mm

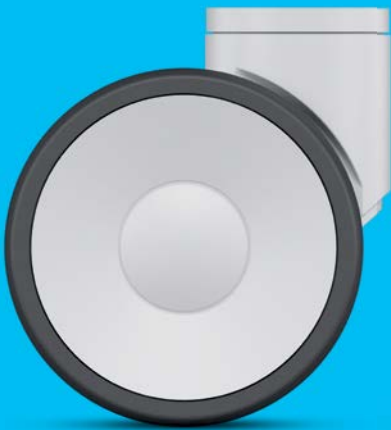


**TENTE**

BETTER MOBILITY. BETTER LIFE.

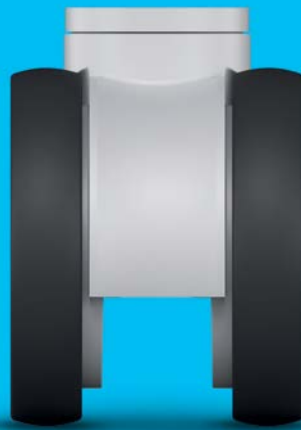
# HOUSINGS

PAGES: 8-13



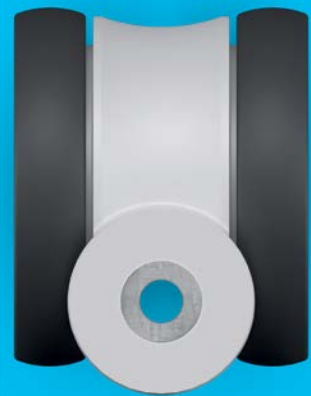
# WHEELS

PAGES: 14-21



# FITTINGS

PAGES: 22-43



# 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 Linea product family. We will also explain the added value this mobility solution offers to your organisation. Features include:

## **Optimised manoeuvrability**

Twin wheel castor with differential effect offers high manoeuvrability.

## **Robust housing**

Twin wheel castor for high load capacity and low height.

## **Award-winning design**

Awarded with prestigious prizes by international juries.



Deutscher Designer Club



reddot design award

# LINEA FAMILY OVERVIEW

## PERFECT FOR YOU NEEDS

Our standard Linea castor is highly customisable and offers a wide range of features. Here are some examples:

Kick pedal



Industrial plate



Central lock



Cable pusher



Combined lock



### Linea

Full choice of customisable product solutions and locking functions.

 120 - 150 kg

 100 - 150 mm

For information on fittings,  
see pages: 24-29

We can also offer special adapted Linea castors to suit your specific needs:



### Linea safety

Automatically locked by default for increased safety.

📏 60 - 120 kg

🌀 75 - 100 mm

For information on fittings, see pages: 40-42



### Linea load

Robust version which can carry higher loads.

📏 100 kg

🌀 50 mm

For information on fittings, see pages: 30-39



### Linea light

Version with a wide range of possibilities and easy plug-in fittings.

📏 40 kg - 100 kg

🌀 50 - 100 mm

For information on fittings, see pages: 30-39



### Linea low height

Low height version with only 3 mm above the height of the wheel diameter.

📏 90 - 100 kg

🌀 75 - 100 mm

For information on fittings, see pages: 24-25



### Linea smart

With built-in ready-to-go fitting and Linea's essential functions.

📏 90 - 100 kg

🌀 100 mm

For information on fittings, see pages: 43



# CUSTOMISED DESIGN

The design of all Lineas can be customised. Not only the possibility of fascinating picture prints. They can be seamlessly adapted to the individual design language of our customers and promote successful differentiation. Please contact us: [www.tente.com/contact](http://www.tente.com/contact)



Surface treatments



Colour matching



Individual branding



Picture prints

# HOUSINGS





# FEATURES



## Optimised steering mechanism

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



## Ergonomic foot pedal

Kick pedal for quick and easy operation with any kind of footwear.



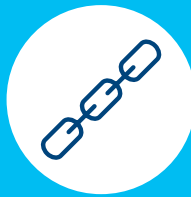
## Combined brake system

Both directional lock and total lock systems can be proposed on the same castor and operated separately.



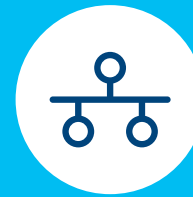
## Secure lock

Safety version which only starts rolling when a pedal or handle is activated by the user. Unintentional movement is effectively prevented.



## Robust housing

Twin wheel castor for high load capacity and low height.



## Practical system solution

Practical system solution with all technical components for central locking.



## User-friendly central lock

Simultaneous locking of more than one castor using a central activation lever.



## Unbreakable construction

Extremely high shock absorbing.



## Reduced cleaning

The castors are quick and easy to clean, with mostly smooth surfaces.

# HOUSINGS

The construction of twin wheel castors allows for a smoother manoeuvrability. This is due to the differential effect and because they have a lower overall height than a single wheel castor with the same wheel diameter. The housing is made of polyamide. The castors have extremely high shock absorbing properties and are quick and easy to clean, thanks to predominantly smooth surfaces. We offer different functions:

## 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 for long distances



## Wheel brake

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



## Total lock

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



## Ergonomic foot pedal

All castors with a standard lock are available with a larger kick pedal for quick and easy operation with any kind of footwear. Please contact us.



## Integrated cable pusher

For Linea in wheel diameter 100 mm and 125 mm, a cable pusher is available. This protects cables and tubes lying on the floor. Can be also installed retrospectively. Please contact us.

The castors 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 impervious to many cleaning agents and chemical substances.

**Combined brake**

Both directional lock and total lock systems can be fitted on the same castor and operated separately.



**Automatic locking**

Automatic locking by default. Only starts rolling when a lever or handle is activated by the user. Unintentional movement is effectively prevented.



**AUTOMATIC LOCKING**

**Central directional or total lock**

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








**CENTRAL LOCKING**







**Colour matching**

These are our standard product colours. Contact us if you require something different.

**Housing colours:**

-  RAL 7001
-  RAL 9002
-  RAL 7015
-  RAL 9011
-  RAL 9003

**Brake lever colours:**

-  RAL 7015
-  RAL 9011
-  RAL 3000
-  RAL 6032

## Technical data and availability



Description	Housing type	Fixed castor	Swivel castor	Swivel castor with directional lock	Swivel castor with wheel brake	Swivel castor with total lock
	Article description	5908	5940 / 5920	5941 / 5921	5945 / 5925	5947 / 5927
	Material	Polyamide	Polyamide	Polyamide	Polyamide	Polyamide
	Swivel bearing	-	Double precision ball bearing or plain bearing	Double precision ball bearing or plain bearing	Double precision ball bearing or plain bearing	Double precision ball bearing or plain bearing
	Washable*	Optional	Optional	Optional	Optional	Optional
Swivel interference	Linea load					
	Wheel Ø 50 mm	-	92,5 mm	-	104 mm	-
	Linea low height					
	Wheel Ø 75mm	-	130 mm	-	160 mm	-
	Wheel Ø 100 mm	-	176 mm	-	204 mm	-
	Linea					
	Wheel Ø 100 mm	-	180 mm	216 mm	216 mm	216 mm
	Wheel Ø 125 mm	-	218 mm	258 mm	258 mm	258 mm
	Wheel Ø 150 mm	●	265 mm	312 mm	312 mm	312 mm
	Linea light					
	Wheel Ø 50 mm	-	92,5 mm	-	104 mm	-
	Wheel Ø 65 mm	-	113 mm	-	135 mm	-
	Wheel Ø 75 mm	-	130 mm	162 mm	162 mm	162 mm
	Wheel Ø 100 mm	-	176 mm	-	206 mm	-
	Linea safety					
	Wheel Ø 75 mm	-	-	-	-	-
	Wheel Ø 100 mm	-	-	-	-	-
	Linea smart					
	Wheel Ø 100 mm	-	176 mm	-	206 mm	206 mm

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

\* Washable versions with stainless precision ball bearing in swivel head.



Swivel castor with combined directional and total lock	Swivel castor with automatic wheel brake	Swivel castor with automatic total lock	Swivel castor with central directional and total lock	Swivel castor with central total lock
594C	592D	594D	5944	5946
Polyamide	Polyamide	Polyamide	Polyamide	Polyamide
Double precision ball bearing	Double precision ball bearing or plain bearing	Double precision ball bearing or plain bearing	Double precision ball bearing	Double precision ball bearing
Optional	Optional	Optional	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	180 mm	180 mm
258 mm	-	-	218 mm	218 mm
312 mm	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	130 mm	-	-	-
-	176 mm	180 mm	-	-
-	-	-	-	-

### Linea smart

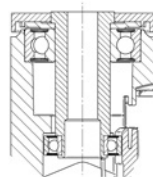
The swivel castor and swivel castor with total lock are available as a 'smart' version with pre-assembled threaded stem fitting for efficient assembly. See page 43.



### Linea safety

For castors with automatic locking system, we offer a practical accessory kit for the easy installation of your application. Find the accessory kit and appropriate fittings on pages 40-42.

### Swivel bearings

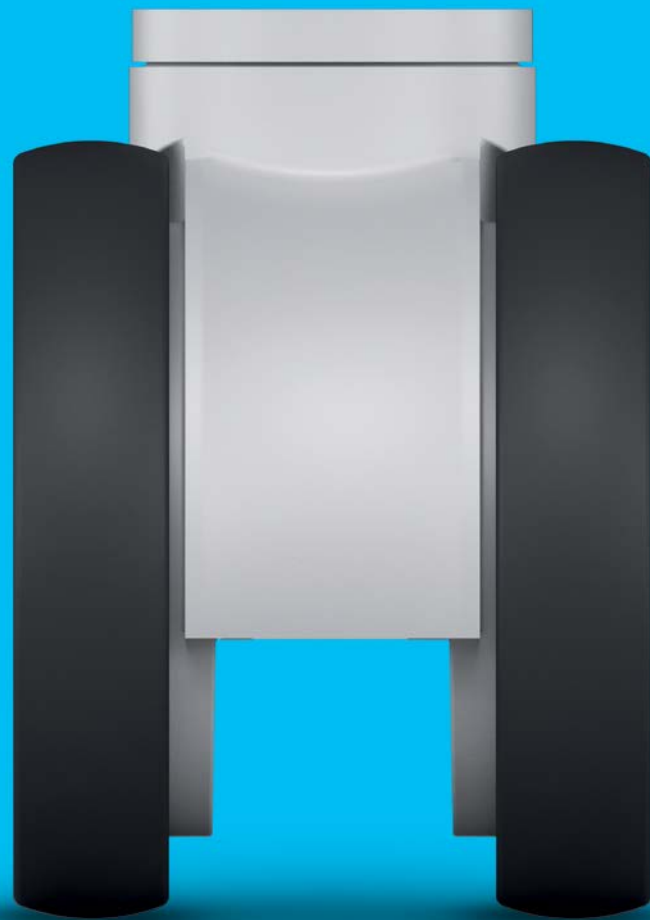


Double precision ball bearing



Plain bearing

# WHEELS



# FEATURES



## Quiet rolling

Optional soft wheel version for a quiet working environment.



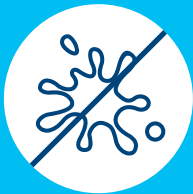
## Non-marking movement

Wheels with reduced abrasion and little cleaning requirements.



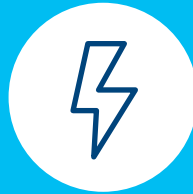
## Protective seal

Wheels with sealed precision ball 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.



## Certified conductivity

Optional conductive version to protect users and electrical devices from electrostatic discharge.



## Individual branding

Can be printed with a logo.



## Fascinating picture prints

Print your own imagery on wheel caps.



## Painted surface

Gold, chrome or gloss surfaces available.



## Low-maintenance wheels

Unobstructed operation with minimal cleaning effort.

# WHEELS

The characteristics of a wheel depend on the material and the bearing. The Linea family offers high-quality synthetic wheels made of polypropylene, polyamide or polyurethane. This results in low rolling resistance and protects against corrosion and damage from many different substances. Linea wheels can be used on soft and hard floors with a high level of drive comfort.

## Supratech

Extremely versatile with a smooth-running thermoplastic rubber tread.



## Maxtech

Perfect for functional design and demanding applications. Made from polyamide and injection-moulded polyurethane. Also available as conductive and stainless steel versions.



### Colour matching

These are our standard product colours. Contact us if you require something different.

### Tread colours:

- RAL 7015
- RAL 9011

### Wheel caps colours:

- RAL 9003
- PMS 116C
- RAL 9002
- PMS 186C
- RAL 7001
- PMS 376C
- RAL 7015
- PMS 2935C
- RAL 9011







Some wheels that are made of synthetic materials are washable. That allows them to be used in areas with strict hygiene regulations, such as hospitals. The tread design has been optimised to ensure an effortless manoeuvrability by reducing friction.



#### **Flexibility with design wheel caps**

In order to optimise stock management, castors can be delivered without wheel caps assembled. Parts with colours or special printing can be delivered separately. Contact us to get more information.

## Technical data and availability for Linea load, Linea low height and Linea

					
<b>i</b>	<b>Product name</b>	Supratech	Duratech	Maxtech	Maxtech precision
	<b>Article description</b>	PJI	POH, POI, UOH, UOI	UAI, UAO	UAP
	<b>Tread material</b>	Thermoplastic rubber	Polyamide	Polyurethane	Polyurethane
	<b>Tread hardness*</b>	Shore A 92	Shore A 92	Shore A 92	Shore A 92
	<b>Wheel body material</b>	Polypropylene	Polyamide	Polyamide	Polyamide
	<b>Temperature range</b>	-10 °C / +40 °C	-10 °C / +40 °C	-10 °C / +40 °C	-10 °C / +40 °C
	<b>Width of tread / wheel diameter in mm</b>	13 mm / Ø 50 13,9 mm / Ø 65 15 mm / Ø 75 - -	- 13,9 mm / Ø 65 - - -	13 mm / Ø 50 13,9 mm / Ø 65 15 mm / Ø 75 - -	13 mm / Ø 50 13,9 mm / Ø 65 15 mm / Ø 75 20 mm / Ø 100 - 125 22 mm / Ø 150
	<b>Electric conductive (10<sup>4</sup> OHM)</b>	-	-	-	-
	<b>Washable**</b>	-	-	●	-
	<b>Bearing type</b>	<b>Plain bearing</b>	●	●	●
<b>Precision ball bearing</b>		-	-	-	●
<b>Load capacity</b>	<b>Linea load</b>				
	<b>Wheel Ø 50 mm</b>	-	-	-	100 kg
	<b>Linea low height</b>				
	<b>Wheel Ø 75 mm</b>	-	-	-	90 kg
	<b>Wheel Ø 100 mm</b>	-	-	-	100 kg
	<b>Linea</b>				
	<b>Wheel Ø 100 mm</b>	-	-	-	120 kg
	<b>Wheel Ø 125 mm</b>	-	-	-	130 kg
<b>Wheel Ø 150 mm</b>	-	-	-	150 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 Linea castors.

\* Please contact us for a softer tread hardness.

\*\* Washable castors have a stainless steel precision ball bearing and/or plain bearings.

Maxtech stainless	Maxtech conductive	Maxtech precision conductive
UAC	XSI, XSO	XSP, XSC
Polyurethane	Polyurethane	Polyurethane
Shore A 92	Shore A 92	Shore A 92
Polyamide	Polyamide	Polyamide
-10 °C / +40 °C	-10 °C / +40 °C	-10 °C / +40 °C
13 mm / Ø 50 13,9 mm / Ø 65 15 mm / Ø 75 20 mm / Ø 100 - 125 22 mm / Ø 150	13 mm / Ø 50 13,9 mm / Ø 65 15 mm / Ø 75 -	13 mm / Ø 50 13,9 mm / Ø 65 15 mm / Ø 75 20 mm / Ø 100 - 125 22 mm / Ø 150
-	●	●
●	●	● XSC
●	●	●
●	-	●
100 kg	-	100 kg
90 kg	-	90 kg
100 kg	-	100 kg
120 kg	-	120 kg
130 kg	-	130 kg
150 kg	-	150 kg



**Standards:**

The following castor types have been tested and fulfil the requirements according to the following standards:

**EN 12528:**

- Linea load (Housing 5920/5925)

**EN 12530:**

- Linea
- Linea low height
- Linea load (Housing 5940/5945)

**EN12532:**

- Linea



**Load capacity**

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 for highest performance.

## Technical data and availability for Linea light, Linea smart and Linea industrial

					
<b>Description</b>	<b>Product name</b>	Supratech	Duratech	Maxtech	Maxtech precision
	<b>Article description</b>	PJI	POI, UOI	UAI, UAO	UAP
	<b>Tread material</b>	Thermoplastic rubber	Polyamide	Polyurethane	Polyurethane
	<b>Tread hardness*</b>	Shore A 92	Shore D 75	Shore A 92	Shore A 92
	<b>Wheel body material</b>	Polypropylene	Polyamide	Polyamide	Polyamide
	<b>Temperature range</b>	-10 °C / +40 °C	-10 °C / +40 °C	-10 °C / +40 °C	-10 °C / +40 °C
	<b>Width of tread / wheel diameter in mm</b>	13 mm / Ø 50 13,9 mm / Ø 65 15 mm / Ø 75 - -	- 13,9 mm / Ø 65 - - -	13 mm / Ø 50 13,9 mm / Ø 65 15 mm / Ø 75 - -	13 mm / Ø 50 13,9 mm / Ø 65 15 mm / Ø 75 20 mm / Ø 100 - 125 22 mm / Ø 150
	<b>Electric conductive (10<sup>4</sup> OHM)</b>	-	-	-	-
	<b>Washable**</b>	-	-	●	-
	<b>Bearing type</b>	<b>Plain bearing</b>	●	●	●
<b>Precision ball bearing</b>		-	-	-	●
<b>Load capacity</b>	<b>Linea light</b>				
	Wheel Ø 50 mm	-	-	50 kg	-
	Wheel Ø 65 mm	40 kg	40 kg POI 50 kg UOI	60 kg	90 kg
	Wheel Ø 75 mm	50 kg	-	60 kg UAI 70 kg UAO	100 kg
	Wheel Ø 100 mm	-	-	-	100 kg
	<b>Linea smart</b>				
	Wheel Ø 100 mm	-	-	-	100 kg
	<b>Linea safety</b>				
	Wheel Ø 75 mm	-	-	60 kg UAI 70 kg UAO	100 kg
	Wheel Ø 100 mm	-	-	-	120 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 Linea castors.

\* Please contact us for a softer tread hardness. \*\* Washable castors have a stainless steel precision ball bearing and/or plain bearings.

Maxtech stainless	Maxtech conductive	Maxtech precision conductive
UAC	XSI, XSO	XSP, XSC
Polyurethane	Polyurethane	Polyurethane
Shore A 92	Shore A 92	Shore A 92
Polyamide	Polyamide	Polyamide
-10 °C / +40 °C	-10 °C / +40 °C	-10 °C / +40 °C
13 mm / Ø 50 13,9 mm / Ø 65 15 mm / Ø 75 20 mm / Ø 100 - 125 22 mm / Ø 150	13 mm / Ø 50 13,9 mm / Ø 65 15 mm / Ø 75 - -	13 mm / Ø 50 13,9 mm / Ø 65 15 mm / Ø 75 20 mm / Ø 100 - 125 22 mm / Ø 150
-	●	●
●	●	●
-	●	-
●	-	●
-	50 kg XSI	-
-	-	-
100 kg	60 kg XSI 70 kg XSO	100 kg
100 kg	-	100 kg
-	-	90 kg
-	-	-
120 kg	-	120 kg



#### Standards:

The following castor types have been tested and fulfil the requirements according to the following standards:

#### EN 12528:

- Linea light
- Linea safety (Housing 592D)

#### EN 12530:

- Linea light (Wheel Ø 75 mm)
- Linea safety (Housing 594D)
- Linea smart



#### Load capacity

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 for highest performance.

# FITTINGS



# FEATURES



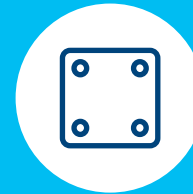
## Fast assembly

Faster assembly thanks to easy plug-in fittings.



## Flexibility with fittings options

Contact us to get more information about personalised fittings.



## 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

Impervious to many cleaning agents and chemical substances.



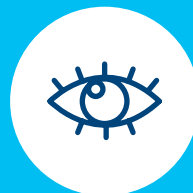
## Tested quality

Tested in our own laboratory for compliance with European standards.



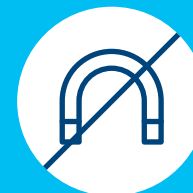
## Non hazardous materials

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



## Uniform design

Linea product family ensures a uniform image. Versatile features available, with diameters from 50mm to 150mm.



## Reliable scanning

Anti-magnetic version for security scanners and magnetic resonance tomography. Available on request.

# BOLT HOLE FITTINGS








The bolt hole is a quick and easy way to ensure a solid fixation with regular M8, M10 or M12 screws.

## Bolt hole

For screws of any length. Special indexation bolt hole can be made on request.



## Technical data and availability

						
Description 	Fitting type	Bolt hole	Bolt hole	Bolt hole	Bolt hole	Bolt hole
	Article description	P30	P30	P30	P30	P30
	Bolt hole $\varnothing$	8 mm*	10 mm*	11 mm	12 mm	13 mm
Overall height 	Linea low height					
	Wheel $\varnothing$ 75 mm	78 mm	78 mm	-	-	-
	Wheel $\varnothing$ 100 mm	103 mm	103 mm	103 mm	103 mm	-
	Linea					
	Wheel $\varnothing$ 100 mm	-	-	118 mm	118 mm	118 mm
	Wheel $\varnothing$ 125 mm	-	-	143 mm	143 mm	143 mm
	Wheel $\varnothing$ 150 mm	-	-	170 mm	170 mm	170 mm

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

\*Bolt hole in wheel diameter 8 mm and 10 mm is available only for castors with wheel lock.



# EXPANDING FITTINGS FOR TUBES

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



## Technical data and availability

<b>Description</b>	<b>Fitting type</b>	Bolt hole	Expander, round	Expander, square
	<b>Article description</b>	P30	R07	R47
	<b>Bolt hole Ø</b>	10 mm	-	-
	<b>Expander</b>	-	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
<b>Overall height</b>	<b>Linea low height</b>			
	Wheel Ø 75 mm	78 mm	●	●
	Wheel Ø 100 mm	103 mm	●	●
	<b>Linea</b>			
	Wheel Ø 100 mm	118 mm	●	●
	Wheel Ø 125 mm	143 mm	●	●
	Wheel Ø 150 mm	170 mm	●	●

Items with this sign "●" are available.

# STEM FITTINGS

We offer different stem fittings to allow for easy mounting into tubes. You can choose between different sizes and locking functions. The stems are highly customisable. The need for a very low activation force ensures smooth and quiet operation. In addition to the standard way of assembly, we also offer a special fitting type for fast installation.

## Thread

For safe fixation with screws.



## Solid stem

Easy mounting in tubes. For a long-lasting use, the stem is bright zinc plated and blue passivated.

## Cam hole

To connect the castors via profile bars.



QUITE  
& SMOOTH  
ACTUATION

## Stems with central locking function

Different stems available. Choose between central total lock or central total and directional lock. There's a smooth and quiet operation with little force required to operate them. The switching angles, brake and activation forces are adaptable to your needs. Contact us.



## Quick fitting

Save assembly time and material costs with a stem with octagonal profile (Fitting R36-34). Fitting screws not required. The octagonal profile just needs to fit to the octagonal profile at the frame.

## Technical data and availability

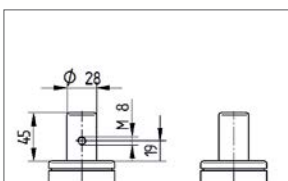


Description	i		Fitting type				
	Article description		R05-28	R26-28	R05-32	R36-32	R36-34
	Shape		Round	Round	Round	Round	Round with octagonal profile
	Thread for fixation screw		M8	4 x M8	M6	4 x M6	-
	Thread position from bottom		19 mm	19 mm	7 mm	7 mm	-
	Solid stem $\phi$		28 mm	28 mm	32 mm	32 mm	32 mm
	Solid stem length		45 mm	96 mm	45 mm	51 mm	51 mm
	Shifting angles for actuation forces		-	30°, 35° or 45°	-	30°, 35° or 45°	30°, 35° or 45°
	Spring type for brake force		-	Soft, standard or hard	-	Soft, standard or hard	Soft, standard or hard
Overall height	Linea						
	Wheel $\phi$ 100 mm		118 mm	118 mm	118 mm	118 mm	118 mm
	Wheel $\phi$ 125 mm		143 mm	143 mm	143 mm	143 mm	143 mm
	Wheel $\phi$ 150 mm		170 mm	170 mm	170 mm	170 mm	170 mm

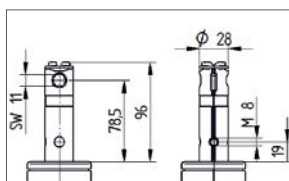
Items with this sign "-" are not available in our standard range. Please contact us.

### Technical drawings

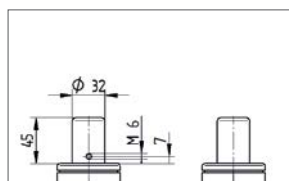
R05-28



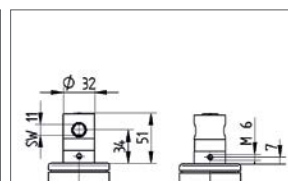
R26-28



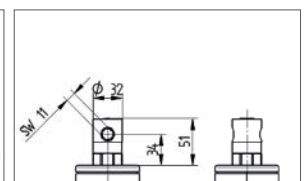
R05-32



R36-32

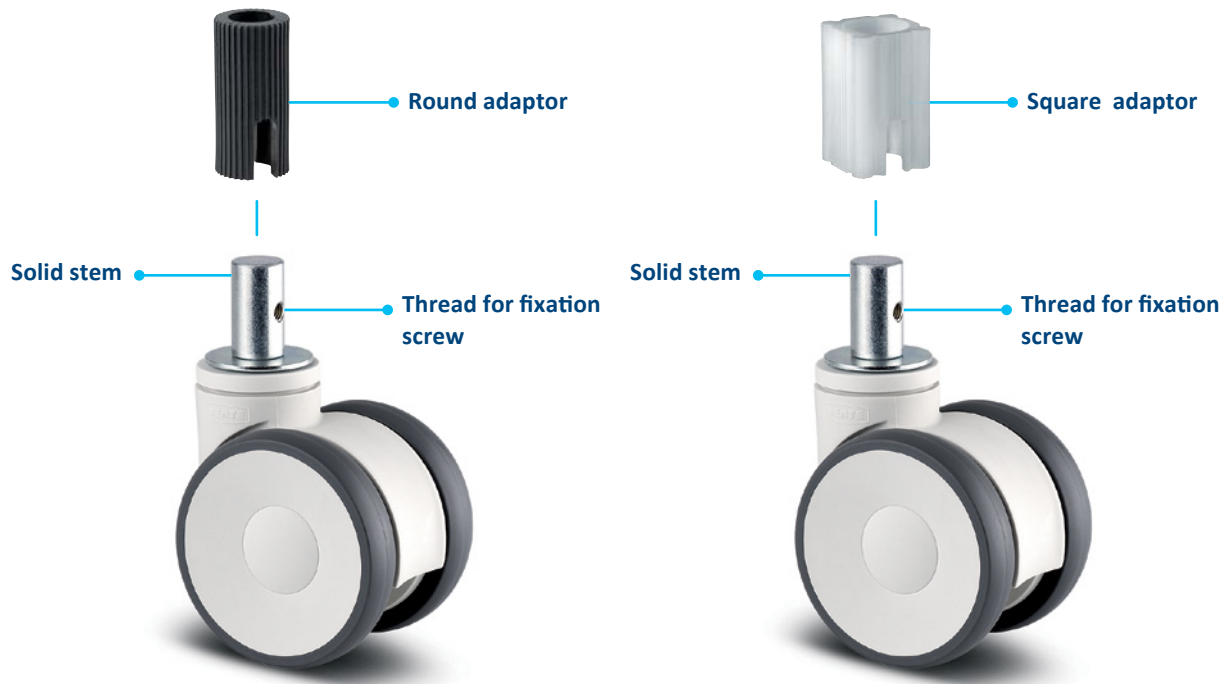


R36-34



# ADAPTORS FOR TUBES

Different adaptors are available for solid stems to be fitted into round and square tubes.



## Technical data and availability



Description	Tube type	Round	Square
	Article description	R08	R48
	Compatible with product	R05	R05
	Adaptor measurements	∅ 28 mm ∅ 30 mm	27 x 27 mm 32 x 32 mm 36 x 36 mm
	Solid stem ∅	22 mm	22 mm
	Solid stem length	45 mm	45 mm & 60 mm

# PLATE FITTINGS

Secure connection with four screws. For a long-lasting use, all fittings of the Linea product family are designed using high quality bright zinc coating, or stainless steel on request.



## Plate fitting

Special plates with various dimensions can be made on request.

## Technical data and availability




Description	Fitting type	Plate	Plate	Plate	Plate	Plate	Plate
	Article description	P50	P51	P52	P60	P62	P63
	Size of plate	77 x 67 mm	95 x 70 mm	96 x 70 mm	90 x 137 mm	96 x 78 mm	137 x 105 mm
	Plate hole centres	61,5/56 x 51,5/46,5 mm	75 x 50 mm	76/72 x 52/44,5 mm	56 x 100 mm	80 x 60 mm	105 x 80/65 mm
	Plate hole $\varnothing$	8,5 mm	11 mm	11 mm	11 mm	9,1 mm	11 mm
Overall height	Linea						
	Wheel $\varnothing$ 100 mm	124 mm	124 mm	124 mm	-	125 mm	124 mm
	Wheel $\varnothing$ 125 mm	148 mm	148 mm	148 mm	-	150 mm	148 mm
	Wheel $\varnothing$ 150 mm	170 mm	170 mm	170 mm	177 mm	177 mm	176 mm

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

# PLUG-IN PLATE FITTINGS

Different plug-in plate fittings are available for castors with a blind hole fitting.

## Technical data and availability



		Blind hole	Blind hole	Blind hole	Stem with U-shaped plate	Stem with L-shaped plate
Description	Fitting type	Blind hole	Blind hole	Blind hole	Stem with U-shaped plate	Stem with L-shaped plate
	Article description	L51-8	L51-10	L51-11	P10-40	P11
	Size of plate	-	-	-	40 x 15 mm 40 x 16 mm 40 x 17 mm 40 x 18 mm 40 x 20 mm 40 x 22 mm 40 x 25 mm	40 x 16 mm 40 x 17 mm 40 x 19 mm 40 x 22 mm 40 x 25 mm
	Plate hole centres	-	-	-	-	-
	Plate hole $\varnothing$	-	-	-	4 mm	4 mm
	Blind hole $\varnothing$	8 mm	10 mm	11 mm	-	-
	Compatible with blind hole $\varnothing$	-	-	-	8 mm 10 mm	8 mm
Overall height	Linea load					
	Wheel $\varnothing$ 50 mm	50,5 - 51 mm*	50 mm	-	58 mm	58 mm
	Linea light					
	Wheel $\varnothing$ 50 mm	50,5 mm	50,5 mm	-	61 mm	61 mm
	Wheel $\varnothing$ 65 mm	-	68 mm	-	77 mm	-
	Wheel $\varnothing$ 75 mm	-	75,5 mm	-	84,5 mm	-
	Wheel $\varnothing$ 100 mm	-	-	100 mm	-	-

Items with this sign "-" are not available in our standard range. Please contact us. Plate fittings with various dimensions can be available or can be made on request.  
\* 5920 castors have an overall height of 50,5 mm and 5940 castors have an overall height of 51 mm.

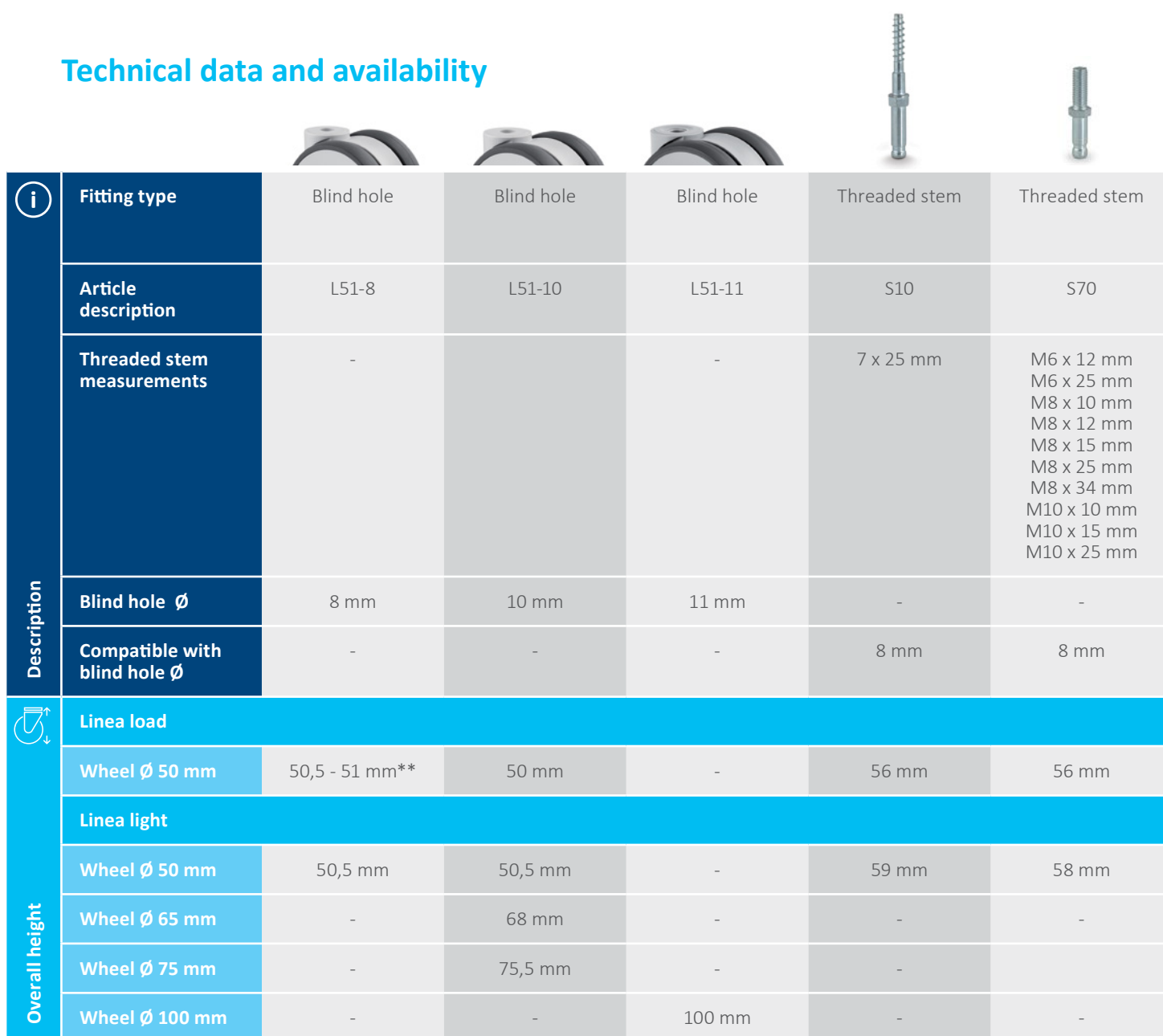







Stem with plate	Stem with plate	Stem with plate	Stem with plate	Stem with plate
P41	P41	P41	P40	P41
30 x 30 mm	38 x 38 mm	42 x 42 mm	60 x 60 mm	65 x 65 mm
20 x 20 mm	27 x 27 mm	32 x 32 mm	48/38 x 48/38 mm	47/42 x 47/42 mm
4,4 mm	5,1 mm	5,1 mm	6,3 mm	6,3 mm
-	-	-	-	-
8 mm	8 mm 10 mm	8 mm 10 mm 11 mm	10 mm 11 mm	10 mm 11 mm
58 mm	62 mm	62 mm	62 mm	60,5 mm
62 mm	63 mm	63 mm	63 mm	61,5 mm
-	79 mm	79 mm	79 mm	77,5 mm
-	86,5 mm	86,5 mm	86,5 mm	85 mm
-	-	109,5 mm	109,5 mm	108 mm

# PLUG-IN THREADED STEM FITTINGS

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

## Technical data and availability



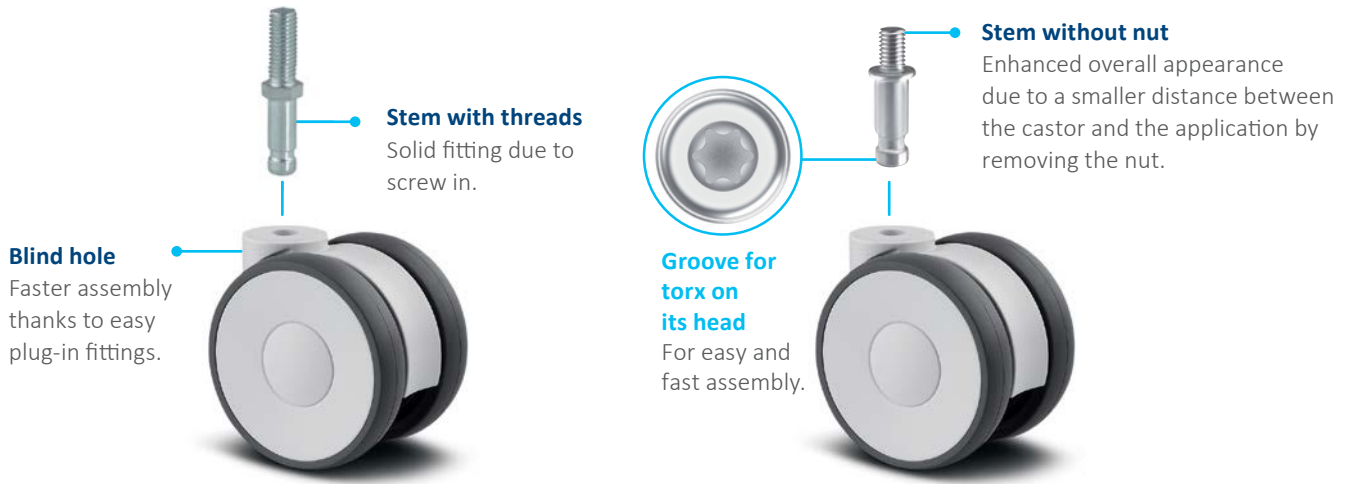
						
i	<b>Fitting type</b>	Blind hole	Blind hole	Blind hole	Threaded stem	Threaded stem
	<b>Article description</b>	L51-8	L51-10	L51-11	S10	S70
	<b>Threaded stem measurements</b>	-	-	-	7 x 25 mm	M6 x 12 mm M6 x 25 mm M8 x 10 mm M8 x 12 mm M8 x 15 mm M8 x 25 mm M8 x 34 mm M10 x 10 mm M10 x 15 mm M10 x 25 mm
	<b>Blind hole <math>\varnothing</math></b>	8 mm	10 mm	11 mm	-	-
	<b>Compatible with blind hole <math>\varnothing</math></b>	-	-	-	8 mm	8 mm
Description	<b>Linea load</b>					
	<b>Wheel <math>\varnothing</math> 50 mm</b>	50,5 - 51 mm**	50 mm	-	56 mm	56 mm
	<b>Linea light</b>					
	<b>Wheel <math>\varnothing</math> 50 mm</b>	50,5 mm	50,5 mm	-	59 mm	58 mm
	<b>Wheel <math>\varnothing</math> 65 mm</b>	-	68 mm	-	-	-
	<b>Wheel <math>\varnothing</math> 75 mm</b>	-	75,5 mm	-	-	-
	<b>Wheel <math>\varnothing</math> 100 mm</b>	-	-	100 mm	-	-
Overall height	<b>Linea load</b>					
	<b>Wheel <math>\varnothing</math> 50 mm</b>	50,5 - 51 mm**	50 mm	-	56 mm	56 mm
	<b>Linea light</b>					
	<b>Wheel <math>\varnothing</math> 50 mm</b>	50,5 mm	50,5 mm	-	59 mm	58 mm
	<b>Wheel <math>\varnothing</math> 65 mm</b>	-	68 mm	-	-	-
	<b>Wheel <math>\varnothing</math> 75 mm</b>	-	75,5 mm	-	-	-
	<b>Wheel <math>\varnothing</math> 100 mm</b>	-	-	100 mm	-	-

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

\* The overall height of M10 x 50 mm is 106 mm. The overall height of M10 x 70 mm and M12 x 25 mm is 109 mm.

\*\* 5920 castors have an overall height of 50,5 mm and 5940 castors have an overall height of 51 mm..





Threaded stem	Threaded stem	Threaded stem with groove for torx	Threaded stem	Threaded stem
S70	S70	S73	S70	S70
M8 x 15 mm M10 x 25 mm M10 x 35 mm M10 x 50 mm	M10 x 10 mm M10 x 15 mm	M8 x 12 mm	M8 x 25 mm M10 x 15 mm M10 x 25 mm	M10 x 50 mm M10 x 70 mm M12 x 25 mm
-	-	-	-	-
10 mm	10 mm	10 mm	11 mm	11 mm
56 mm	56 mm	54 mm	-	-
58 mm	57 mm	54,5 mm	-	-
74 mm	73 mm	71 mm	-	-
81,5 mm	80,5 mm	78,5 mm	-	-
-	-	-	106 mm	106 - 109 mm*

# 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 installation-friendly and provide efficient fixation thanks to the circlip.



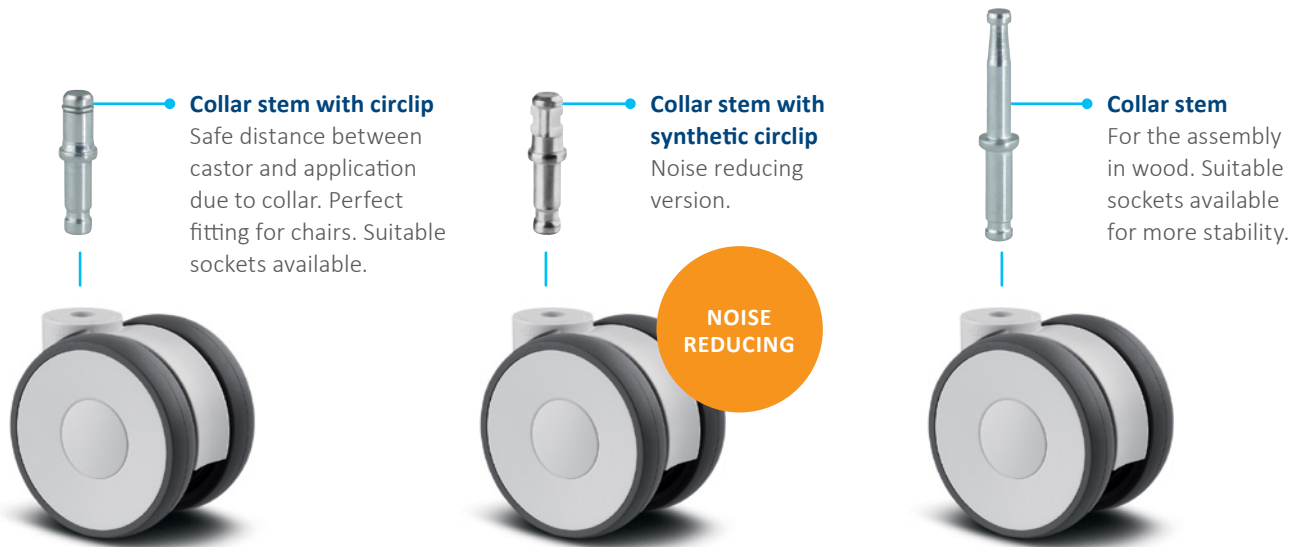
## Technical data and availability








<b>Description</b>	<b>Fitting type</b>	Blind hole	Blind hole	Blind hole	Stem with grooves	Stem with circlip
	<b>Article description</b>	L51-8	L51-10	L51-11	R10	B11
	<b>Stem measurements (Ø x Length)</b>	-	-	-	8 x 10 mm 8 x 20 mm 8 x 28 mm	8 x 33 mm
	<b>Blind hole Ø</b>	8 mm	10 mm	11 mm	-	-
	<b>Compatible with Blind hole Ø</b>	-	-	-	8 mm	8 mm
<b>Overall height</b>	<b>Linea load</b>					
	Wheel Ø 50 mm	50,5 - 51 mm*	50 mm	-	52,5 mm	-
	<b>Linea light</b>					
	Wheel Ø 50 mm	50,5 mm	50,5 mm	-	55 mm	-
	Wheel Ø 65 mm	-	68 mm	-	-	-
	Wheel Ø 75 mm	-	75,5 mm	-	-	-
	Wheel Ø 100 mm	-	-	100 mm	-	-

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

B40 stem stands for noise reduction stem, to be used in metallic base.

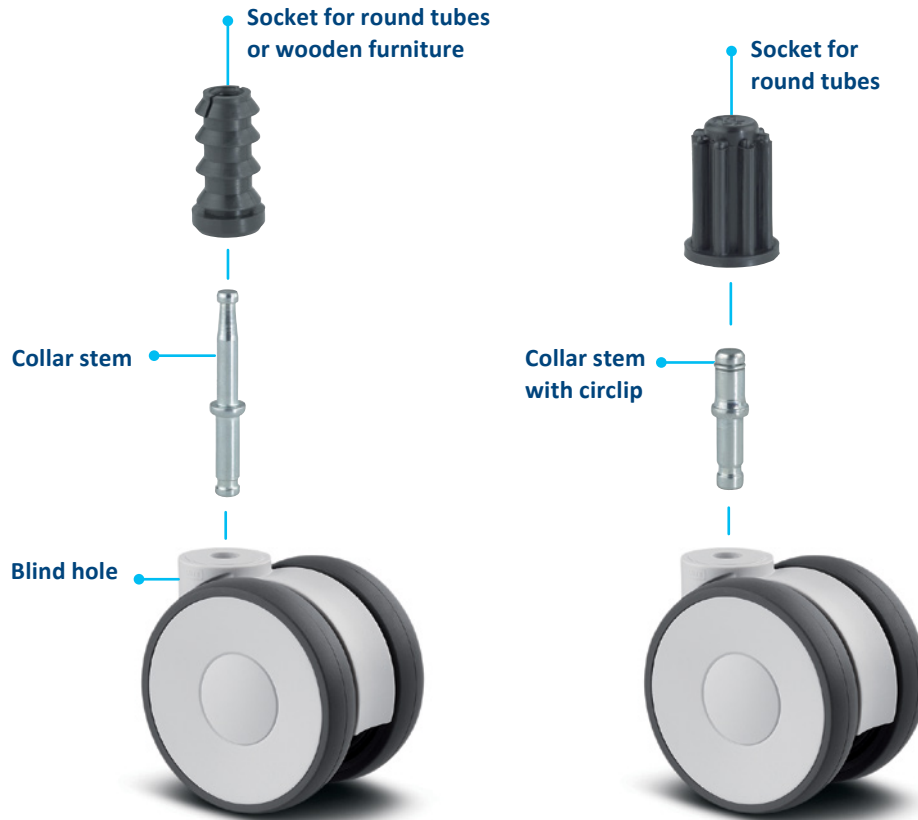
\* 5920 castors have an overall height of 50,5 mm and 5940 castors have an overall height of 51 mm.



						
Stem with circlip	Collar stem	Collar stem with circlip	Collar stem with circlip	Collar stem with circlip	Collar stem with circlip	Collar stem with synthetic circlip
B11	B20	B10	B10	B10	B10	B40
10 x 33 mm	7 x 36 mm	10 x 20 mm	11 x 20 mm 11 x 30 mm	11 x 30 mm	9 x 24 mm	11 x 20 mm
-	-	-	-	-	-	-
10 mm	8 mm	10 mm	10 mm	11 mm	10 mm	10 mm 11 mm
-	53,5 mm	53,5 mm	54 mm	-	54 mm	54 mm
-	56 mm	56 mm	56,5 mm	-	56,5 mm	56,5 mm
-	-	72 mm	72,5 mm	-	72,5 mm	72,5 mm
-	-	79,5 mm	80 mm	-	80 mm	80 mm
-	-	-	-	104 mm	-	-

# SOCKETS

Plug-in collar stem fittings can be combined with different sockets for easy and solid assembly.



## Technical data and availability



Description	i			
	<b>Socket type</b>	Round socket for tubes or wooden furniture*	Round Socket for tubes	Square socket for tubes
	<b>Article description</b>	R20	R20	R40
	<b>Compatible with product</b>	B20 7 x 36 mm	B10 11 x 30 mm	B10 11 x 30 mm
	<b>Socket <math>\varnothing</math> / collar <math>\varnothing</math></b>	10 / 18 mm* 12 / 17 mm 13 / 17 mm 14 / 17 mm 16 / 20 mm 18 / 20 mm 20 / 23,5 mm 23 / 25 mm	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
<b>Socket height</b>	27 mm	36 mm	36 mm	

\* Socket R20 in size 10 / 18 mm is without rips and for wooden furniture, all the others for tubes. It has a height of 29 mm.



Round socket for wooden furniture

H40

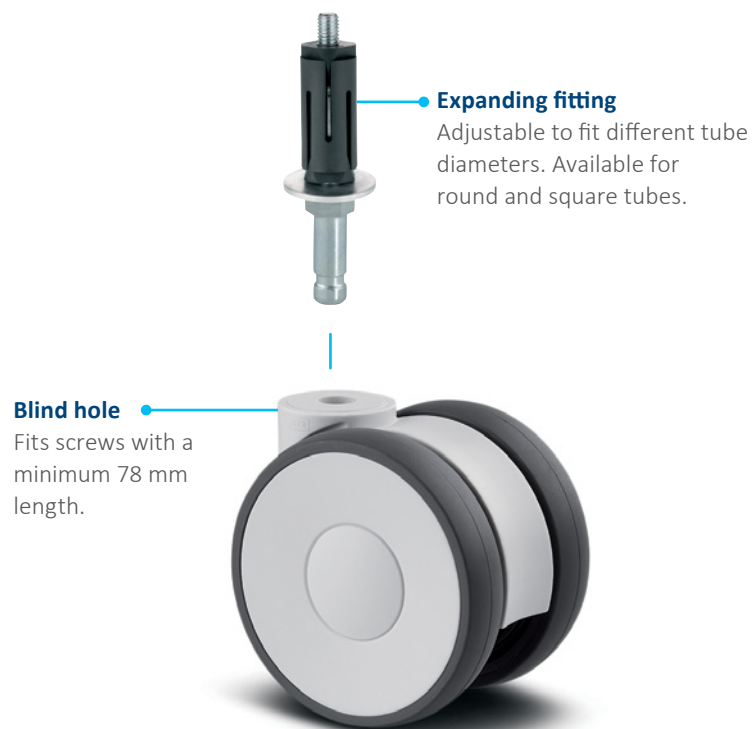
B10  
11 x 30 mm

15 mm

36 mm



# PLUG-IN EXPANDING FITTINGS

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



## Technical data and availability



	<b>Fitting type</b>	Blind hole	Expander, round	Expander, square
	<b>Article description</b>	L51-10	R07	R47
	<b>Expander measurements</b>	-	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
	<b>Bolt hole Ø</b>	10 mm	-	-
	<b>Compatible with blind hole Ø</b>	-	10 mm	10 mm
	<b>Linea load</b>			
	Wheel Ø 50 mm	50,5 mm	62,5 mm	62,5 mm
	<b>Linea light</b>			
	Wheel Ø 50 mm	50,5 mm	63 mm	63 mm
	Wheel Ø 65 mm	68 mm	80 mm	80 mm
	Wheel Ø 75 mm	75,5 mm	87 mm	87 mm
	Wheel Ø 100 mm	-	-	-

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

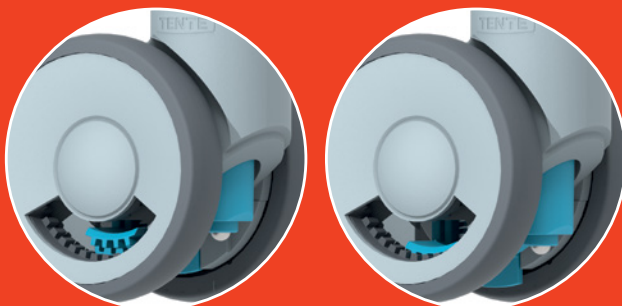
# LINEA SAFETY

Our Linea safety castors are automatically locked by default and can only be moved when the locking system is actively released. This system creates opportunities for those developing mobile furniture, for example. Direct access to the castor by foot is not needed to begin movement. Contact us for more information.



## Automatic locking

You have the choice between the wheel brake, which is available in wheel diameter 75 mm and 100 mm, or the total lock system for 100 mm diameter wheels.





## Automatic locking

The springs of the brake system are free when the castor is locked, which is most of the time. This durable, tension-free locking solution is patented by TENTE.



## Plate fittings





Description	 Fitting type	Plate with automatic wheel lock	Plate with automatic wheel lock	Plate with automatic total lock
	Article description	P41	P41	P50
	Size of plate	38 x 38 mm* 42 x 42 mm 60 x 60 mm	65 x 65 mm	77 x 67 mm
	Plate hole centres	27 x 27 mm 32 x 32 mm 48/38 x 48/38 mm	47/42x47/42 mm	61,5/56 x 51,5/46,5
	Plate hole $\varnothing$	5 mm 5 mm 6 mm	6 mm	8,5 mm
Overall height	 Linea safety			
	Wheel $\varnothing$ 75 mm	63 mm	61,5 mm	-
	Wheel $\varnothing$ 100 mm	113,5 mm	112 mm	124 mm

\*Plate P41 in size 38 x 38 mm is just available for blindhole diameter 10 mm.

## Threaded stem fittings




Description	 Fitting type	Threaded stem with automatic wheel lock	Threaded stem with automatic wheel lock	Threaded stem with automatic total lock	Threaded stem with automatic total lock
	Article description	S70	S70	S70	S70
	Threaded stem measurements	M10 x 15 mm M10 x 25 mm	M12 x 15 mm M12 x 25 mm	M10 x 15 mm	M12 x 25 mm
Overall height	 Linea safety				
	Wheel $\varnothing$ 75 mm	80,5 mm	81,5 mm	-	-
	Wheel $\varnothing$ 100 mm	106 mm	106 mm	123 mm	129 mm

\*Plate P41 in size 38 x 38 mm is just available for blindhole diameter 10 mm.


## Linea safety accessory kit components

We offer an optional accessory kit for easy installation with your application.



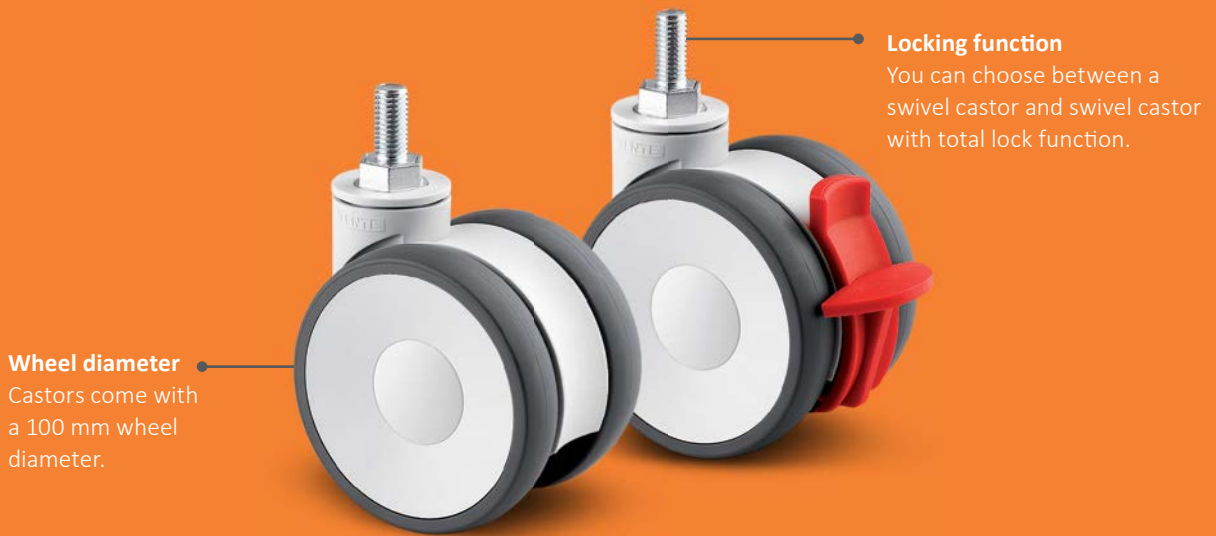
 <b>Description</b>	<b>Accessory</b>	Stainless steel cable 1.2mm galvanized strand 1x19. One side with swaged terminal 4x4	Stainless steel cable 1.5mm galvanized strand 1x19. One side with ball swaged terminal Ø 6mm	Flat steel wire spirals sleeve Ø 5mm	End caps 8x16 DEC 5.9x7
	<b>Length (m)</b>	3	3	10	-
	<b>Quantity</b>	6	4	1	4
	<b>Notes</b>	For connecting coupler to Linea safety (592D) with wheel brake in wheel diameter 75 mm and 100 mm. For connecting control to duplicator to any Linea safety version.	For connecting coupler to Linea safety (594D) with total lock in wheel diameter 100 mm.	Manufactured out of a flat steel wire	-



 <b>Description</b>	<b>Accessory</b>	Long handle	Short handle	Coupler	Cylindrical stop sleeve terminals. To be swaged 5x4.1 (Ø 1.65mm) F	Cylindrical stop sleeve terminals. To be swaged 4x4 (Ø 1.4mm)
	<b>Length (m)</b>	-	-	-	-	-
	<b>Quantity</b>	1	1	1	6	10
	<b>Notes</b>	With blocking system possibility			To be used with cable Ø 1.5mm with Linea safety (594D) and a total lock in wheel diameter 100 mm.	To be used with cable Ø 1.2mm with Linea safety (592D) and a wheel brake in wheel diameter 75 mm and 100 mm.

# LINEA SMART

Save time and effort with the Linea smart. The castors will be delivered with a preinstalled threaded stem fitting so that you save time when mounting it on your application. Contact us.



**Wheel diameter**  
Castors come with a 100 mm wheel diameter.

**Locking function**  
You can choose between a swivel castor and swivel castor with total lock function.

## Fitting



Description	<b>Fitting type</b>	Threaded stem, preassembled
	<b>Article description</b>	S70
	<b>Threaded stem measurements</b>	M12 x 25
Overall height	<b>Linea smart</b>	
	<b>Wheel Ø 100 mm</b>	119 mm

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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

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