



PRODUCT INFORMATION

AVIANA CARE

 100 kg  104.5 mm  75 mm



TENTE

BETTER MOBILITY. BETTER LIFE.

HOUSINGS

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WHEELS

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FITTINGS

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

User-friendly

Central locking mechanism that allows for simultaneous locking of more than one castor using a central actuation lever.

Quiet rolling

Soft wheel version for a quiet working environment.

Optimised manoeuvrability

Twin wheel castor with high manoeuvrability due to differential effect.



Deutscher Designer Club

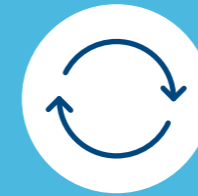


reddot design award

HOUSINGS

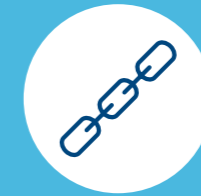


FEATURES



Easy steering

Double ball bearing swivel head.



Robust housing

Twin wheel castor for high load capacity and low height.



Low-maintenance materials

Metal components made of either aluminium or rust-free stainless steel.



Prevents unintended movement

Wheel lock or total lock for manual operation.



User-friendly central lock

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



Award-winning design

Awarded with prestigious prizes by international juries.



Colour matching

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

 RAL 7001



Low weight

Extremely lightweight construction.

HOUSINGS

The low height housing of the Aviana care is made of high grade synthetic materials with a double ball bearing swivel head. The materials are tested in our own laboratory for compliance with European standards.



Central wheel brake or total lock

User friendly central lock for simultaneous locking of more than one castor using a central actuation lever. The wheel brake simultaneously locks both wheels for a secure standing. The total lock simultaneously locks both wheels and the swivel bearing.

Technical data and availability

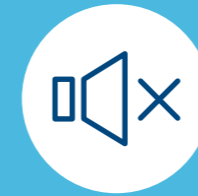


Description	Housing type	Swivel castor with central wheel brake	Swivel castor with total lock
	Article description	5979	5976
	Material	High grade synthetic materials	High grade synthetic materials
	Swivel bearing	Two ball races	Two ball races
Swivel interference	Wheel Ø 75 mm	139 mm	139 mm

WHEELS



FEATURES



Quiet rolling

Soft wheel version for a quiet working environment.



Non-marking movement

Wheels with reduced abrasion and little cleaning requirement.



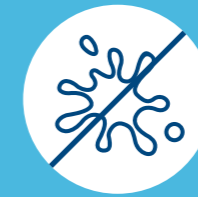
Reduced cleaning

Due to mainly smooth surfaces, the castors are quick and easy to clean.



Chemical-resistant components

Resistant to many cleaning agents and chemical substances.



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.



Optimised manoeuvrability

The differential effect of the twin-wheel castor allows for increased manoeuvrability.



Non-hazardous materials

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



Tested quality

Tested in our own laboratory for compliance with European standards.

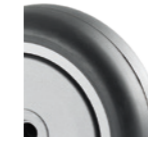
WHEELS

The characteristics of a wheel depend on the material and the bearing. Our Puretech wheel has reduced abrasion qualities and little cleaning requirements. Additionally, it provides non-marking movement and doesn't stain floors, even after long-standing periods.



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

Technical data and availability



Description	Product name	Puretech
	Article description	PIP
	Tread material	Solid rubber, grey non-marking
	Tread hardness	Shore A 75
	Wheel body material	Polypropylene
	Temperature range	-10 °C / +40 °C
	Width of tread	25 mm
Bearing type	Cone ball bearing	-
	Precision ball bearing	● **
Load capacity	Wheel Ø 75 mm	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 Aviana product family.

** Precision ball bearing made of standard steel.



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 4 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

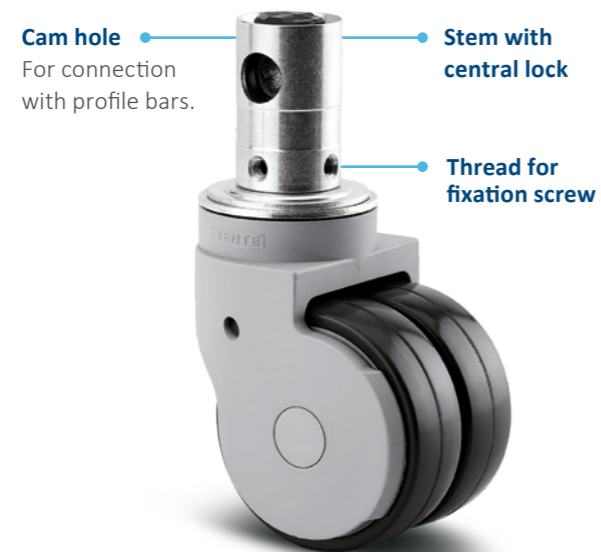


Easy connection

Easy to connect both fittings to a central locking mechanism.

STEM FITTING

For easy mounting into tubes we offer a short stem with central lock using a central actuation lever.



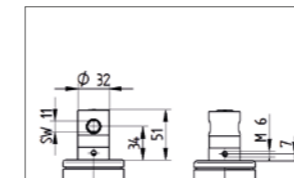
Technical data and availability



Description	Fitting type	Stem with central lock
	Article description	R36-32
	Thread for fixation screw	4 x M6
	Thread position from bottom	7 mm
	Solid stem \varnothing	32 mm
	Solid stem length	51 mm
	Shifting angles	1 x 30°
	Spring type for actuation torques	Soft, standard or hard
Overall height	Wheel \varnothing 75 mm	104.5 mm

Technical drawings

R36-32



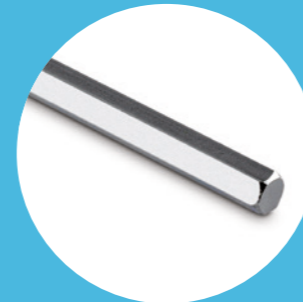
ACCESSORIES FOR CENTRAL LOCKING

Our central locking components offer a practical solution for your needs. Please contact us for further advice.



Change lever

To connect the transmission bar from the foot end to the head end. It is available in three different sizes.

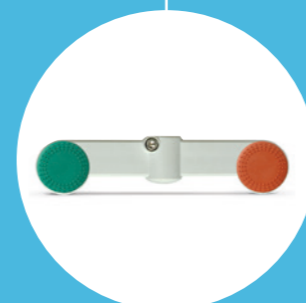


Profile bar

Available in different lengths, on request.

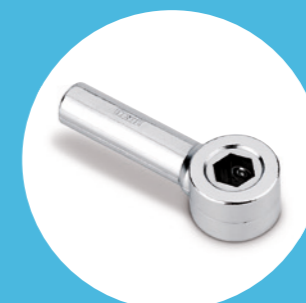


Bearing guide



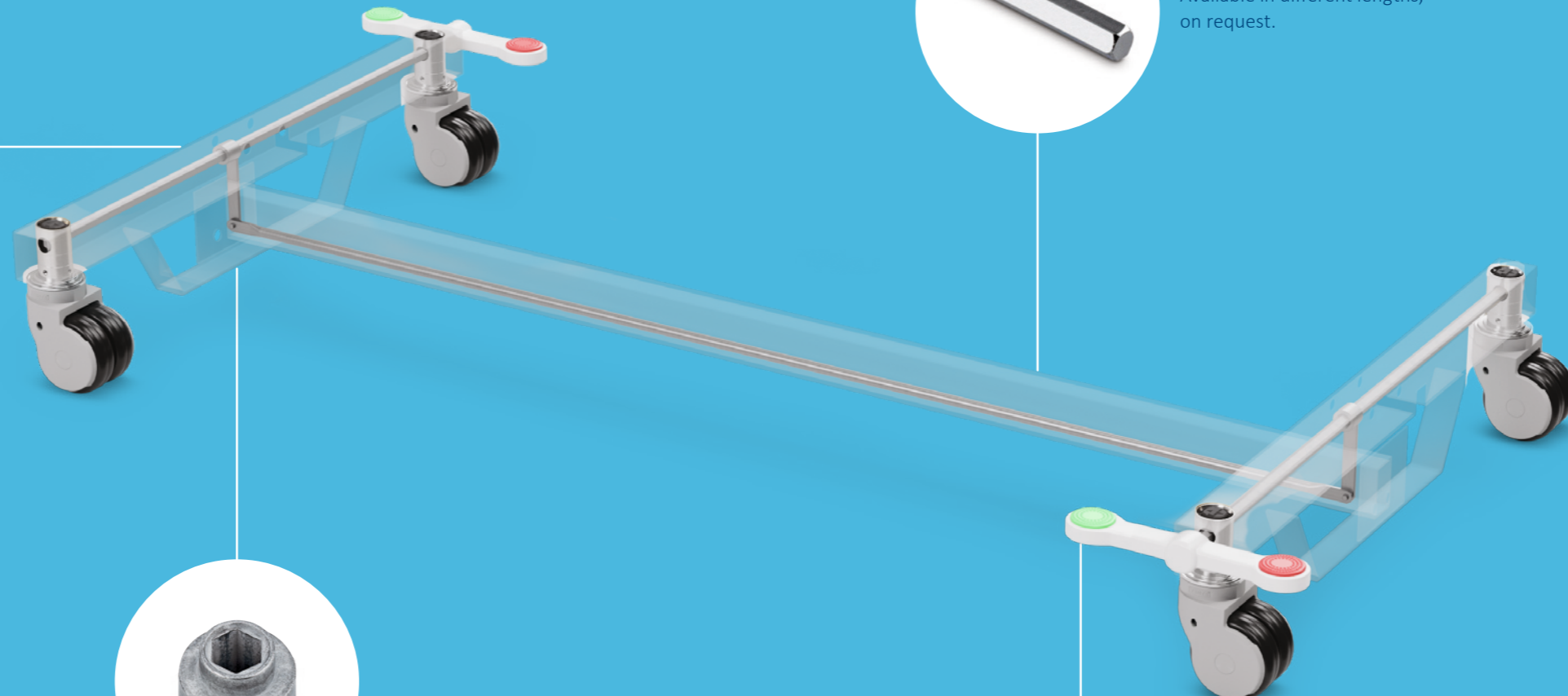
TENTE lever

All change levers will be delivered with a stainless steel screw. They are available as a single or double lever for the right and left side. Plugs are available in different colours.



Optional: adaptor for customer levers

This round adaptor accepts customer made levers.

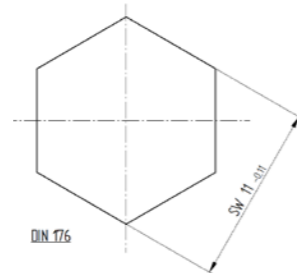


TECHNICAL DATA ACCESSORIES

Profile bar



i	Article description	Profile bar
	Wrench size	11
	Material	Zinc-plated steel
	Length	On request



TENTE levers



Description	Change lever type	Double lever	Lever	Lever
	Article description	Double lever	Lever	Lever 180
	Compatible with product	30°	30°	30°
	Material	Fibre-glass-reinforced polyamide	Fibre-glass-reinforced polyamide	Fibre-glass-reinforced polyamide
	Version	Left version Right version	Left version	Right version
	Width	41.5 mm	41.5 mm	41.5 mm
	Length	191.5 mm	95.75 mm	95.75 mm

Standard lever colours
More colours on request.

- RAL 7035
- Eloxal silver

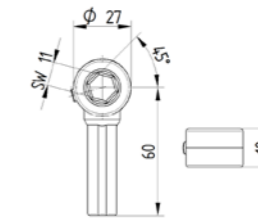
Standard plug colours
More colours on request.

- RAL 6016
- RAL 3016
- RAL 9011

Adaptor for customer levers



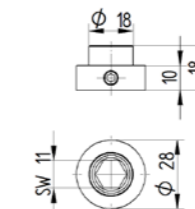
i	Article description	Adaptor
	Wrench size	11
	Material	Zinc die cast



Bearing guide



i	Article description	Bearing guide
	Wrench size	11
	Material	Zinc die cast

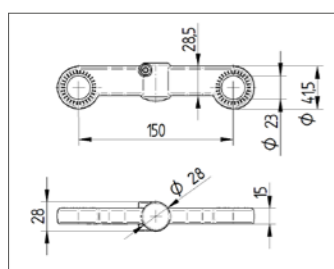


Change lever

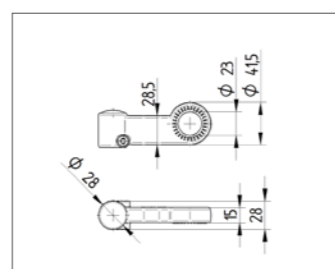


i	Article description	Change lever	Change lever	Change lever
	Wrench size	11	11	11
	Material	Zinc die cast	Zinc die cast	Zinc die cast
	Length	24 mm	28 mm	65 mm

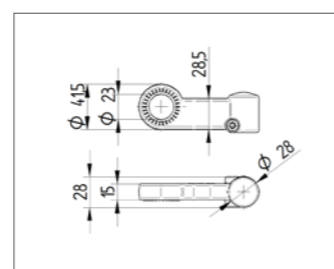
Double lever



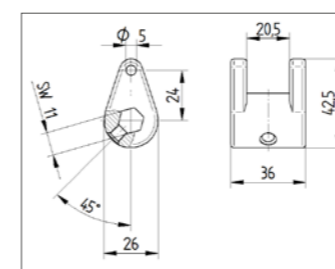
Lever



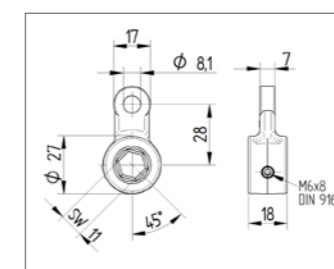
Lever 180



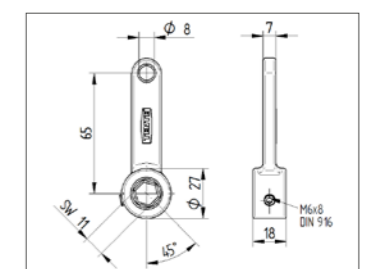
Change lever 24 mm length



Change lever 28 mm length



Change lever 65 mm length



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



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. Go here 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/solutions

SAVE DEVELOPMENT TIME

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

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/download





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PRODUCTIVITY



SAFETY



DESIGN



DURABILITY



ENVIRONMENT