

PRODUCT INFORMATION

AVIANA

 102 - 103 mm  75 mm



TENTE

BETTER MOBILITY. BETTER LIFE.

HOUSINGS

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WHEELS

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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 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.

Lightweight Design

Extremely lightweight and ergonomic design, perfect for reduced environmental impact.

Optimised manoeuvrability

Twin wheel castor with high manoeuvrability due to differential effect.



Deutscher Designer Club



reddot design award

HOUSINGS

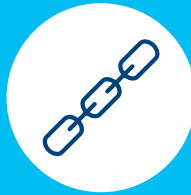


FEATURES



Low weight

Extremely lightweight construction.



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.



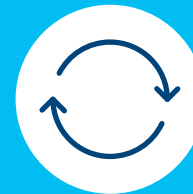
Prevents unintended movement

Wheel lock for manual operation.



User-friendly central lock

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



Easy steering

Double ball bearing swivel head.



Colour matching

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

 RAL 7001



Award-winning design

Presented with prestigious awards by international juries.

HOUSINGS

The low height housings are made of high grade synthetic materials with a double ball bearing swivel head. They are robust and have high impact resistance. The materials are tested in our own laboratory for compliance with European standards. Next to our standard Aviana we offer the Aviana 'light' version with even less weight. Both offer a central locking plate.

Central wheel lock

Simultaneous wheel locking of more than one castor due to a plate fitting.



Technical data and availability

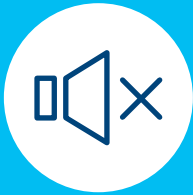


<div> <div>i</div> <div>Description</div> </div>	Housing name	Aviana	Aviana light
	Housing type	Swivel castor with central wheel lock	Swivel castor with central wheel lock
	Article description	5976	5976 light
	Material	High grade synthetic materials	High grade synthetic materials
	Swivel bearing	Two ball races	Two ball races
<div> <div> <div>↺</div> <div>↻</div> <div>↺</div> </div> <div>Swivel interference</div> </div>	Wheel Ø 75 mm	137 mm	137 mm

WHEELS



FEATURES



Quiet rolling

Soft wheel version for a quiet working environment.



Non-marking movement

Wheels with reduced abrasion and little cleaning requirement.



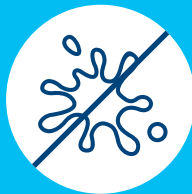
Reduced cleaning

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 test laboratory for compliance with European standards.

WHEELS

The characteristics of a wheel depends on the material and the bearing. There are different wheel types available. Specifically, these wheels have reduced abrasion qualities and little cleaning requirements. Additionally, they move without marking floors and don't stain, even after long-standing periods.



Supratech

Extremely versatile with a smooth-running thermoplastic rubber tread.



Maxtech

Perfect for functional design, injection-molded polyurethane. Hard, solid wheel for a long-lasting use.

Technical data and availability

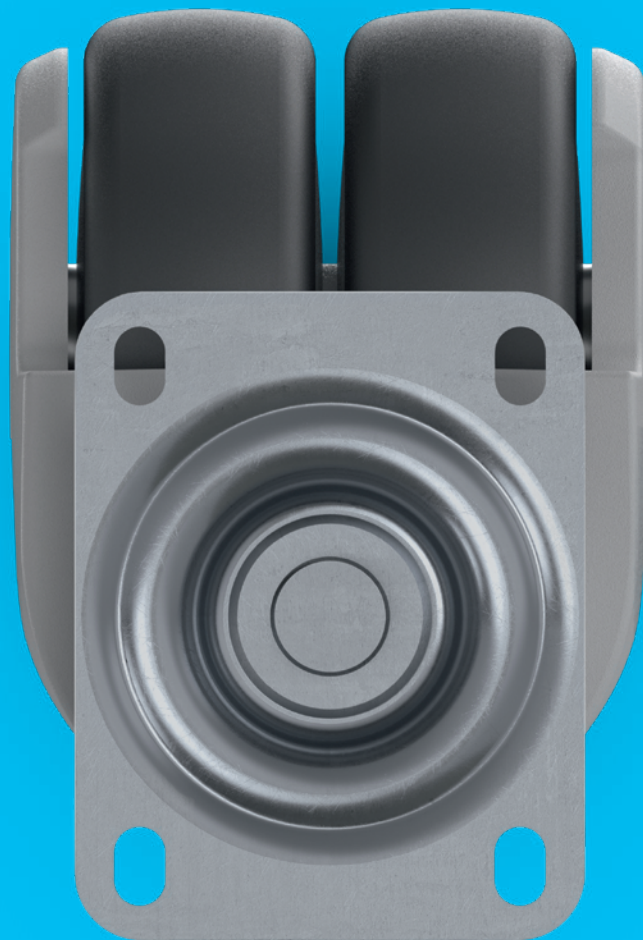


Description	i	Product name	Supratech	Maxtech
		Article description	PJE	UAE
		Tread material	Thermoplastic rubber	Polyurethane
		Tread hardness	Shore A 87	Shore A 92
		Wheel body material	Polypropylene	Polyamide
		Temperature range	-10°C / +40°C	-10°C / +40°C
		Weight of the Aviana caster inclusive wheel and fitting	0,48 kg	0,52 kg
		Weight of the Aviana light caster inclusive wheel and fitting	0,36 kg	< 0,40 kg
		Width of tread	25 mm	25 mm
Bearing type	Cone ball bearing		● *	● *
		Precision ball bearing	-	-
Availability	✓	Wheel Ø 75 mm	●	●

The mentioned load capacity is only valid for the Aviana product family.

* Corrosion-free cone ball bearing with balls made of synthetic material.

FITTINGS



FEATURES



Easy connection


Easy to connect both fittings to a central locking mechanism.

PLATE FITTINGS

This fitting offers a secure connection with four screws, as well as the ability to connect to a central locking system via an actuation lever.



Technical data and availability

			
<div> <div>i</div> <div>Description</div> </div>	Fitting type	Plate with central wheel lock	Plate with central wheel lock
	Article description	P54	P54
	Compatible with housing	Aviana	Aviana light
	Size of plate	70 x 55 mm	70 x 55 mm
	Plate hole centres	57/51 x 41 mm	57/51 x 41 mm
	Plate hole Ø	5,5 mm	5,5 mm
<div> <div>  <div>Overall height</div> </div> <div>Wheel Ø 75 mm</div> </div>		103 mm	102 mm

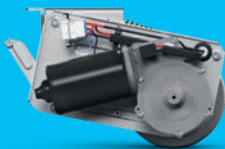
DIVERSITY WITH A SYSTEM

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 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 - 2.000 kg
⌀ 80 - 300 mm

Kappa flex



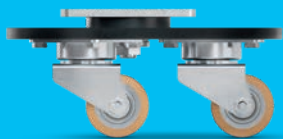
⌘ 360 - 750 kg
⌀ 160 - 200 mm

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



30 - 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. 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





www.tente.com



PRODUCTIVITY



SAFETY



DESIGN



DURABILITY



ENVIRONMENT