

# PRODUCT INFORMATION

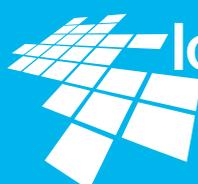
## AGILA

 40 - 100 kg

 69 - 188 mm

 50 - 150 mm



 Ideas  
Biomédicas

**TENTE**

BETTER MOBILITY. BETTER LIFE.

# AGILA

Full choice of customisable product solutions.



## HOUSINGS

Pages: 4-9



## WHEELS

Pages: 10-15



## FITTINGS

Pages: 16-24

# AGILA SMART

Selected standard products.



## SMART VERSIONS

Pages: 25-31

# HOUSINGS



# FEATURES



## Optimised steering mechanism

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



## User-friendly central lock

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



## Secured stand

Total lock for swivel housing and locking the wheel simultaneously.



## Painted surface

Black housing with bump and scratch resistant cathode immersion paint.



## Compliant version

For use in commercial kitchens (DIN 18867 Part 8).



## Resource-conserving part replacement

Threaded axles allow for effortless wheel change.

# HOUSINGS

The housings are made of pressed steel, which is bright zinc plated and blue passivated. The wheel axle with nut makes it possible for an easy exchange of the wheel, resulting in reduced maintenance costs.

The Agila is also available in a stainless steel version or as twin wheel castor with increased manoeuvrability due to differential effect. Please contact us for more information.



## Swivel castor

Swivel housing for easy manoeuvrability in all directions.



## Wheel brake

Manually operated pedal lock prevents unintended movement.



## Central directional and total lock

User-friendly central lock for simultaneous locking of more than one castor using a central actuation lever. Combined directional lock for improved steering around bends, as well as movement in a straight line over long distances. Also a total lock for simultaneously locking the wheel and swivel housing for a secure standing.



• **Central total lock**

User-friendly central lock for simultaneous locking of more than one castor using a central actuation lever. Total lock for simultaneously locking the wheel and swivel housing for a secure standing.



• **Directional lock**

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



• **Total lock**

The total lock simultaneously locks the wheel and swivel housing for a secure standing.



• **Fixed castor**

Wheel and housing are fixed for standard functionality. The castor is continuously aligned in the direction of travel.

# WHEELS



# FEATURES



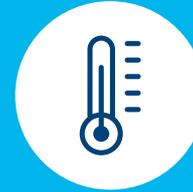
## Low-vibration transport

Extra soft wheels with good shock-absorbing properties.



## Sterile cleaning

Wheels for steam sterilisation in autoclaves used in sterile areas.



## Constant heat resistance

Duratech wheels made of heat resistant material for use in extreme environments.



## Protective seal

Wheels with sealed bearings to protect against water spray and dirt.



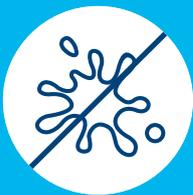
## Quiet rolling

Soft wheel versions for a quiet working environment.



## Non-marking movement

Wheels with reduced abrasion and minimal cleaning effort.



## Non-staining operation

Non-staining on contact with floors when left standing for long periods.



## Low-maintenance wheels

Thread guards for unobstructed operation with minimal cleaning effort.



## Certified conductivity

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

# WHEELS

The characteristics of our wheel range are as diverse as their uses. Precisely adapted to the required parameters, they provide optimal manoeuvrability with perfectly matched components, even under the most extreme conditions. You'll discover a wide range of wheels in our Agila product range. Here are the four wheel types.



• **Puretech**

Robust wheel with rubber tread for versatile use. Protection through low-vibration transport. An electric conductive version is also available.



• **Supratech**

All-around smooth-running wheel with thermoplastic rubber tread. Excellent performance in manoeuvrability and mobility due to the use of high-performance material. A washable and electric conductive version is also available.



**Maxtech**

Perfect for a functional design, injection-moulded polyurethane. Optimal material properties for any purpose. An electric conductive version is also available.



**Duratech**

Stable and indestructible, made of polyamide and thermosetting plastic with an abrasion-resistant tread.



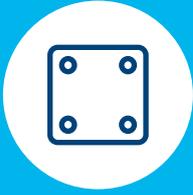
**Wide range**

See our full range of wheels on the following pages.

# FITTINGS



# FEATURES



## Variable fitting options

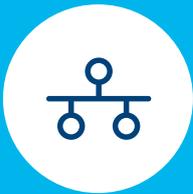
Different fitting dimensions for a large range of applications.



## Fast assembly

Faster assembly process through the use of plug-in fittings.

# ADDITIONAL FEATURES



## Practical system solution

Practical system solution with all the technical components for central locking.



## Colour matching

Colours can be adapted to match the product design.



## 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.

# PLATE FITTINGS

The fitting of a castor is dependent on the application it's being attached to. With plate fittings, the castors can be screwed under the device with four screws. This ensures a simple and robust connection.



**Fixed plates P50**  
The longside of plate is 90° in the direction of travel.

## Technical data and availability

						
<b>Description</b>	<b>Fitting type</b>	Swivel plate	Fixed plate	Swivel plate	Fixed plate	Fixed plate
	<b>Article description</b>	P40	P41	P50	P50	P60
	<b>Size of plate</b>	60 x 60 mm	55 x 55 mm	77 x 67 mm	77 x 67 mm	67 x 60 mm
	<b>Plate hole centres in mm</b>	48/38 x 48/38	44/38,5 x 44/38,5	61,5/56 x 51,5/46,5	61,5/56 x 51,5/46,5	48/40 x 48/40
	<b>Plate hole Ø</b>	6,3 mm	6,3 mm	8,5 mm	8,5 mm	6,3 mm
<b>Overall height</b>	<b>Wheel Ø 50 mm</b>	69 mm	69 mm	-	-	-
	<b>Wheel Ø 75 mm</b>	100 mm	-	-	-	100 mm
	<b>Wheel Ø 100 mm</b>	-	-	135 mm	135 mm	-
	<b>Wheel Ø 125 mm</b>	-	-	160 mm	160 mm	-
	<b>Wheel Ø 150 mm</b>	-	-	185 mm	185 mm	-

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

# BOLT HOLE FITTINGS

A bolt hole offers the option to fix the application to the castor with a standard screw M10 or M12. Screws of any length can be used.

**Bolt hole**  For screws of any length.



## Technical data and availability

			
<b>Description</b> 	<b>Fitting type</b>	Bolt hole	Bolt hole
	<b>Article description</b>	P30-11	P30-13
	<b>Bolt hole Ø</b>	11 mm	13 mm
<b>Overall height</b> 	<b>Wheel Ø 50 mm</b>	69 mm	-
	<b>Wheel Ø 75 mm</b>	100 mm	-
	<b>Wheel Ø 100 mm</b>	135 mm	135 mm
	<b>Wheel Ø 125 mm</b>	160 mm	160 mm
	<b>Wheel Ø 150 mm</b>	185 mm	185 mm

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# SOLID STEM FITTINGS

For easy mounting into tubes, we offer solid stem fittings with suitable adaptors. All fittings are made with high quality bright zinc plating and blue passivated to ensure long-lasting use.



## Technical data and availability

				 <b>CENTRAL LOCKING</b>	
<b>Description</b>	<b>Fitting type</b>	Solid stem	Solid stem	Solid stem with central total and directional lock	Solid stem with central total and directional lock
	<b>Article description</b>	R05-28	R05-32	R26-28	R36-32
	<b>Thread for fixation screw</b>	M8	M8	4 x M8	4 x M6
	<b>Thread position from bottom</b>	19 mm	19 mm	19 mm	7 mm
	<b>Solid stem <math>\varnothing</math></b>	28 mm	32 mm	28 mm	32 mm
	<b>Solid stem length</b>	45 mm	45 mm	96 mm	50 mm
	<b>Shifting angles for actuation forces</b>	-	-	2 x 45°	2 x 30°
<b>Overall height</b>	<b>Wheel <math>\varnothing</math> 50 mm</b>	-	-	-	-
	<b>Wheel <math>\varnothing</math> 75 mm</b>	-	-	-	-
	<b>Wheel <math>\varnothing</math> 100 mm</b>	138 mm	138 mm	138 mm	138 mm
	<b>Wheel <math>\varnothing</math> 125 mm</b>	163 mm	163 mm	163 mm	163 mm
	<b>Wheel <math>\varnothing</math> 150 mm</b>	188 mm	188 mm	188 mm	188 mm

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# ADAPTORS FOR TUBES

For a flexible mounting in square tubes, an adaptor is available for solid stem fittings.



## Technical data and availability



Description	 Tube type	Square
	Article description	R48
	Compatible with product	R05-28
	Adaptor measurements	33,65 x 33,65 mm 36 x 36 mm
	Solid stem $\varnothing$	28 mm
	Solid stem length	45 and 60 mm

# EXPANDING FITTINGS FOR TUBES

For an easy mounting into tubes, we offer for bolt hole fittings suitable expanding fittings. The adjustable expanders allow for flexible installation in different tube sizes.



## Technical data and availability

				
<b>Description</b> 	<b>Fitting type</b>	Bolt hole	Expander, round	Expander, square
	<b>Article description</b>	P30-11	R07	R47
	<b>Bolt hole Ø</b>	11 mm	-	-
	<b>Compatible with</b>	R07 and R47	P30-11	P30-11
	<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>Overall height</b> 	<b>Wheel Ø 50 mm</b>	69 mm	-	-
	<b>Wheel Ø 75 mm</b>	100 mm	103 mm	103 mm
	<b>Wheel Ø 100 mm</b>	135 mm	138 mm	138 mm
	<b>Wheel Ø 125 mm</b>	160 mm	163 mm	163 mm
	<b>Wheel Ø 150 mm</b>	185 mm	188 mm	188 mm



### Expander fittings

Our expanders and castors can be delivered separately or completely assembled. Castors with an expander fitting have a lower temperature range of -10 °C / +40 °C.

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# STEM FITTINGS

These fittings are installation-friendly and provide additional safety due to the circlip.



## Technical data and availability

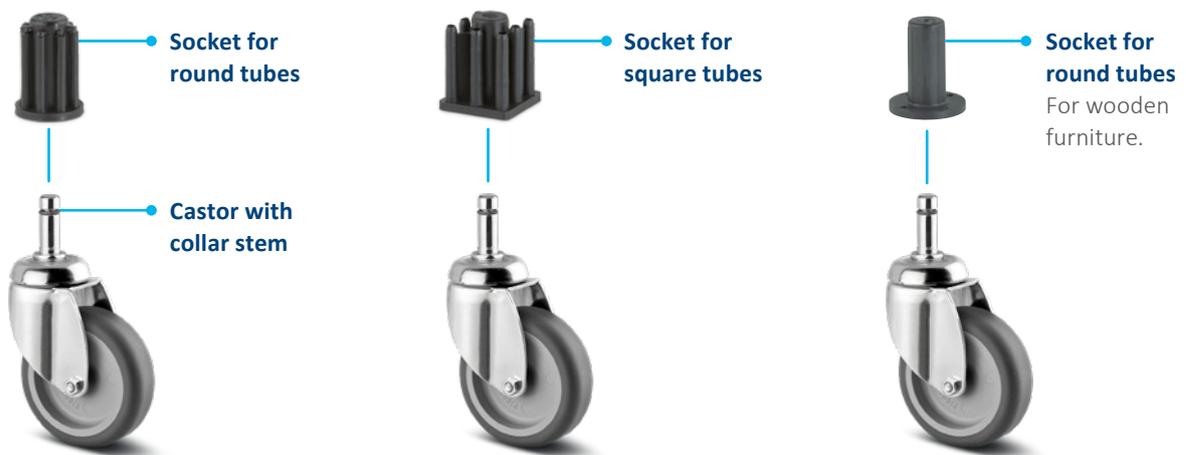


 Description	Fitting type	Stem with circlip
	Article description	B10
	Stem measurements	11 x 31 mm
	Stem $\varnothing$	11 mm
 Overall height	Wheel $\varnothing$ 50 mm	72 mm
	Wheel $\varnothing$ 75 mm	103 mm
	Wheel $\varnothing$ 100 mm	-
	Wheel $\varnothing$ 125 mm	-

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# SOCKETS

Different sockets are available for castors with a stem fitting.



## Technical data and availability



<b>i</b>     <b>Description</b>	<b>Tube type</b>	Round	Square	Round (wooden furniture)
	<b>Article description</b>	R20	R40	H40
	<b>Compatible with</b>	B10	B10	B10
	<b>Socket <math>\varnothing</math> / collar <math>\varnothing</math></b>	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
	<b>Overall height</b>	36 mm	36 mm	36 mm

# AGILA SMART



# AGILA SMART

The Agila also has a smart version available. These are selected standard products with less load capacity. There are two different housing types available.

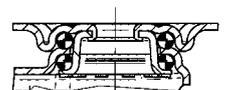
## AGILA SMART FOR LOADS UP TO 70 KG

### Housing versions



Description	Housing type	Swivel castor	Swivel castor with wheel brake	Swivel castor with total lock
	Article description	1470	1475	1477
	Material	Pressed steel	Pressed steel	Pressed steel
	Swivel bearing	Double ball bearing swivel head	Double ball bearing swivel head	Double ball bearing swivel head
Swivel interference	Wheel Ø 50 mm	100 mm	128 mm	-
	Wheel Ø 75 mm	125 mm	-	156 mm
	Wheel Ø 100 mm	156 mm	-	174 mm
	Wheel Ø 125 mm	201 mm	-	-
	Wheel Ø 150 mm	-	-	-

#### Swivel bearing



Precision ball bearing for best manoeuvrability.

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