

LINEA Ø75 & Ø100 safety

Serie 592D/594D



**interzum award:
intelligent
material & design
2013**

The automatic locking system by TENTE

LINEA safety castor is automatically locked by default and can only be moved when the locking system is actively released.

The wheel lock is permanently activated and will be released by actuation. The connection between the castor and the appliance is made by the customer.

The spring used in the locking system is not under stress when the castor brake is engaged, this is an advantage for safety.

This system allows completely new possibilities

for designers regarding the development of mobile furniture, and devices.

A direct access to the castor by foot is no longer necessary to release the mobility.

LINEA safety is available with wheel lock on diameter 75 mm and 100 mm, with total lock on diameter 100 mm.

LINEA 592DUAP075L51-10 won Interzum High Product Quality Award 2013.

Locking Mechanism 592D Ø75, wheel lock



Default position, wheel lock engaged.



Wheel lock disengaged after actuation.



Locking Mechanism 592D Ø100, wheel lock



Default position, wheel lock engaged.



Wheel lock disengaged after actuation.

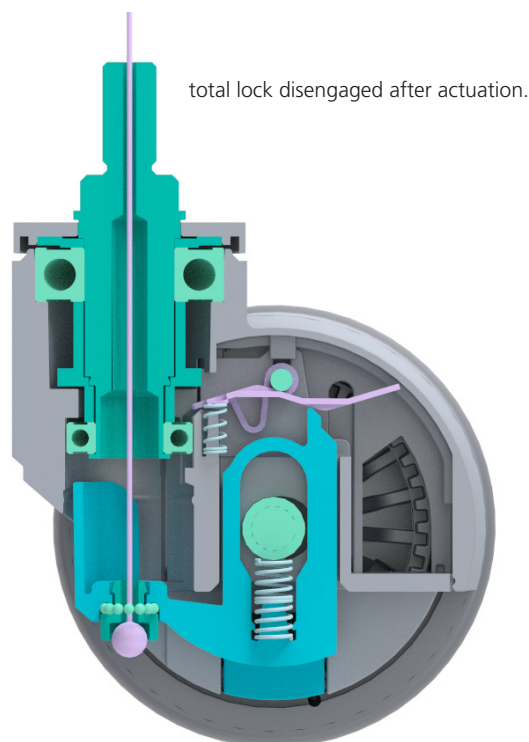
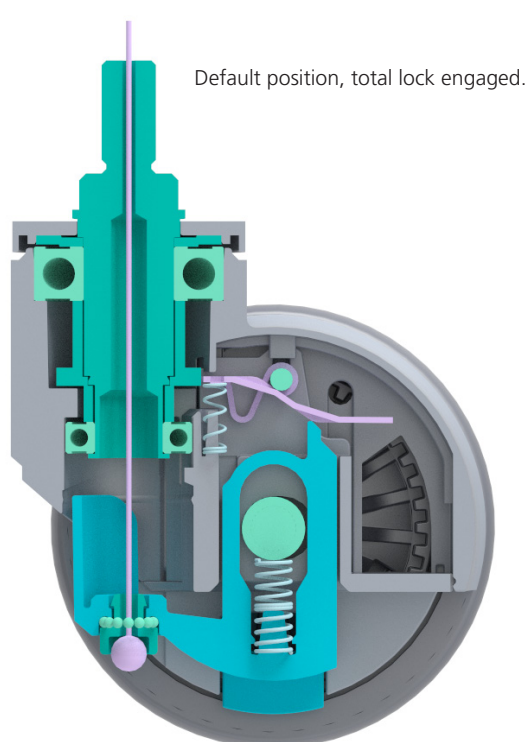


LINEA Ø75 & Ø100 safety

Serie 592D/594D

Locking Mechanism 594D Ø100, total lock

This castor is available only with S70 threaded stem M12x25. Other fittings can be made on demand. Maximum cable diameter: 3mm. Please contact us for further details.



LINEA safety available range

Product	Diameter	Load Capacity	Housing Material	Wheel body Material	Wheel Tread	Bearing
592DUAIO75L51-10	Ø75	80 kg	PA	PA	Polyurethane	plain bearing clipped
592DUAO075L51-10	Ø75	90 kg	PA	PA	Polyurethane	plain bearing riveted
592DUAP075L51-10	Ø75	100 kg	PA	PA	Polyurethane	precision ball bearing riveted
592DUAP100L51-11	100	100 kg	PA	PA	Polyurethane	precision ball bearing riveted
594DUAP100S70-12x25*	100	100 kg	PA	PA	Polyurethane	precision ball bearing riveted

Load capacity tested according to EN12528 Castors for Furniture.

These castor comply with all the requirements from EN 12530 Castors for Institutional use, but the swivel play test.

* Load capacity tested according to EN12530 Castors for Institutional use

See the document for differences between EN12528 & EN 12530 standards.

The cable wire system engineering remains to be designed or supplied by the customer.

LINEA Ø75 & Ø100 safety

Serie 592D/594D

Dedicated drilled fittings for 592D serie available

Product	Castor Diameter	Load Capacity	Overall height	Max. cable Ø
P41-42x42/10	Ø75	60 kg	86 mm	2 mm
P41-65x65/10	Ø75	80 kg	85 mm	2 mm
S70-10x15/10	Ø75	80 kg	82 mm	2 mm
S70-12x15/10	Ø75	100 kg	83 mm	2 mm
B10-11x20/10	Ø75	80 kg	81 mm	2 mm
P41-42x42/11	Ø100	80 kg	111 mm	2 mm
P41-65x65/11	Ø100	100 kg	109 mm	2 mm
S70-10x15/11	Ø100	100 kg	105 mm	2 mm
B10-11x30/11	Ø100	100 kg	103 mm	2 mm

Other fittings can be made on demand. Please contact us for further details.

Load capacity tested according to EN12528 Castors for Furniture, for Linea safety Ø75 & Ø100.



Linea safety Ø100 wheel lock



Linea safety Ø100 total lock

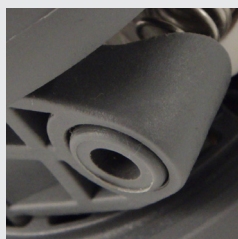


Linea safety Ø75 wheel lock

Specific features for high performances:

Ball bearings holding the cable wire, for better mobility.

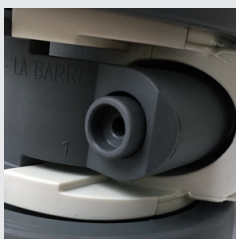
When castors are mobile, the cable wire is actuated. Ball bearings are used to prevent the cable wire from twisting, which allows an easier castor swiveling.



Ball bearings on Ø75 mm wheel lock. Maximum cable diameter: 2mm



Ball bearings on Ø100 mm wheel lock. Maximum cable diameter: 2mm



Ball bearings on Ø100 mm total lock. Maximum cable diameter: 3mm

Safety, because we care.

You cannot forget to activate the lock lever, the default position is lock activated.

In school, kids will not play with book carts like they were skate boards.

In environments with slopes and mobile weight, like public spaces, book shops, libraries, restaurants, airport.

In hospital a nurse will never forget to activate a lock lever to immobilize any sensitive device.

They can get rid of this concern and focus on the patient instead of the device.

A patient from his bed can move a table or a bedside cabinet safely by himself.

Where everything can move easily, LINEA safety prevents the user from danger, risk or injury.