

Invisible Neo Hinge

ACCESSORIES



TRILINE 2023

1300 239 206
sales@triline.net.au

@trilinedoors
facebook.com/trilinequalitydoorsystems

triline.net.au

triline
QUALITY DOOR SYSTEMS

INVISIBLE NEO

Thanks to the Argenta® invisible hinge, the door closes perfectly in line with the wall without any of the hinge being visible. This invisible hinge allows you to open any door to 180°

The sublime design series Argenta® invisible neo offers a perfect, pure, and aesthetic finish (no visible screws) together with a sophisticated, faster, and simpler installation facility. Triline's invisible hinge is made by top quality Belgium components the Argenta® invisible neo is a series of invisible hinges with an exceptionally high and sublime finish: not a single screw is visible.

You can adjust these hinges with precision easily, flexibly, and quickly, thanks to the built in height-adjustment system. This unique system means you no longer need to put any wedges under the door to set the height. The hinge casing in the door can be assembled beforehand in the workshop if required.



Technical Features

	invisible neo S-5	invisible neo M-6	invisible neo L-7
Material	Zamak	Zamak	Zamak
Door thickness	min. 33 mm	min. 36 mm	min. 40 mm
Door thickness with max. front panel	35 mm	40 mm	46 mm
Overall depth	26,5 mm (frame) / 30 mm (door)	30 mm (frame) / 32 mm (door)	33mm (frame) / 36mm (door)
Dimensions (L x W)	120 x 25 mm	140 x 28 mm	170 x 32 mm
Installation and adjustment	Easy-Hook	Easy-Hook	Easy-Hook
Height adjustment ¹	-2,5 / +2,5 mm	-3,0 / +3,0 mm	-3,0 / +3,0 mm
Width adjustment ¹	-3,0 / +4,0 mm	-3,0 / +4,0 mm	-3,0 / +4,0 mm
Pressure ¹ (depth adjustment)	-1,0 / +1,0 mm	-1,5 / +1,5 mm	-1,5 / +1,5 mm
Max. front panel (cladding) size	5 mm	6 mm	7 mm
Fire resistant ²	E30, EI ₂ 30, EI ₁ 30, EW30	E60, EI ₂ 60, EI ₁ 60, EW60*	E60, EI ₂ 60, EI ₁ 60, EW60
CE marking	2 7 3 1 1 4 0 10	3 7 4 1 1 4 0 11a	4 7 5 1 1 4 1 12a
Screw dia.	SPAX - Z2 dia: max. 4,5	SPAX - Z2 dia: max. 5	SPAX - Z2 dia: max. 5

¹ = neutral position factory setting: standard of a 2 mm door margin.

² = fire resistant according to standard EN1634-1: 2008 and classified according to EN13501-2:2007 for use of wooden door with wooden doorframe, and for wooden door with stainless steel frame.

* = Only valid for the Belgian market, for other markets applies E30, EI230, EI130, EW30.

Weight Table

Type hinge		invisible neo S-5		invisible neo M-6		invisible neo L-7	
Number of hinges		2	3	2	3	2	3
Max. door weight according to door width	730 mm	75 kg	95 kg	95 kg	115 kg	110 kg	160 kg
	830 mm	70 kg	90 kg	90 kg	110 kg	105 kg	155 kg
	930 mm	65 kg	85 kg	85 kg	105 kg	100 kg	150 kg
	1030 mm	60 kg	80 kg	80 kg	100 kg	95 kg	145 kg

Invisible Neo

Invisible Neo is the invisible hinge design par excellence. Even when the rotating interior door is open, not a single screw is visible. The hinges, available in the formats S-5, M-6 and L-7, can be mounted and adjusted quickly in three dimensions. This can be done by just one person, and the door does not need to be removed.

Thanks to the simplified height adjustment, not even a wedge is needed any more.

They can be used for interior doors that open up to 180° and are suitable for both left-opening and right-opening doors.

What are the benefits?

Ease of use

- Universal: for left and right-opening doors
- “Easy-hook”: installation and 3D adjustment by one person
- 3D adjustable (height, width, and depth) without taking the door off
- Extra simplified height adjustment: no wedge required
- 180° opening angle

Durability and Safety

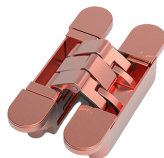
- Open and shutting movement cycle tests (min. 200,000)
- Fingers are protected because of the minimal space between the door and the frame
- Available in fireproof version of 30 or 60 minutes
- Fully mounted on plastic washers

Aesthetics

- Pure and qualitative design
- No visible screws
- 3 sizes: S-5, M-6, L-7
- Available in different finishes



Tar Black



Copper



Bronze



Dark Bronze



Stainless Steel Look



Glossy Chrome



Black Umber



Classic Bronze



Matt Chrome

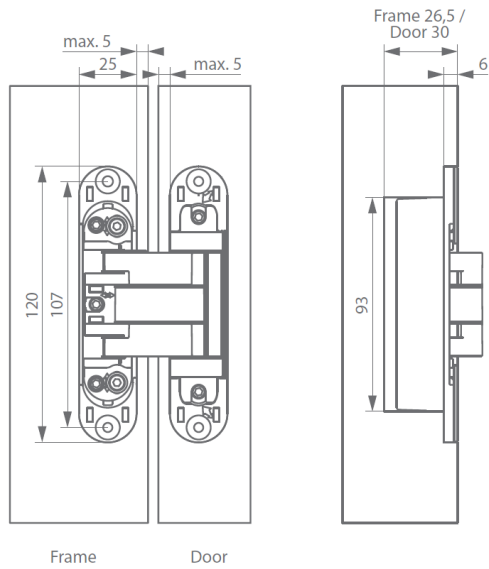


White

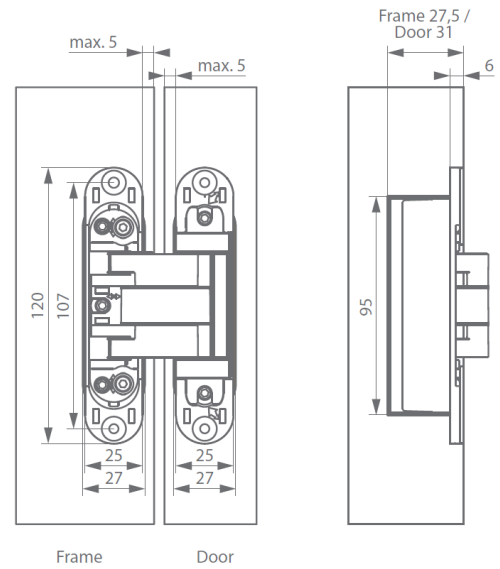


Polished Brass

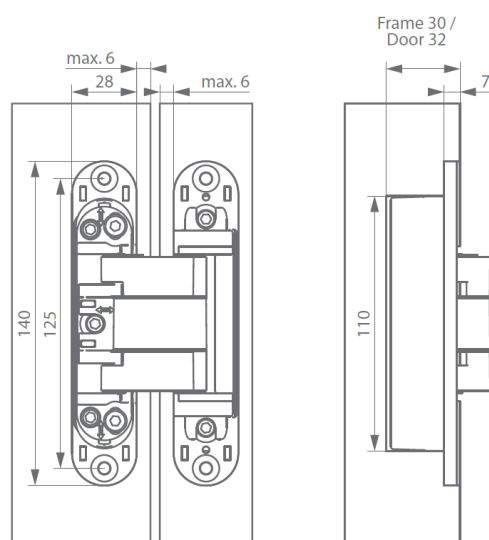
Invisible Neo S-5



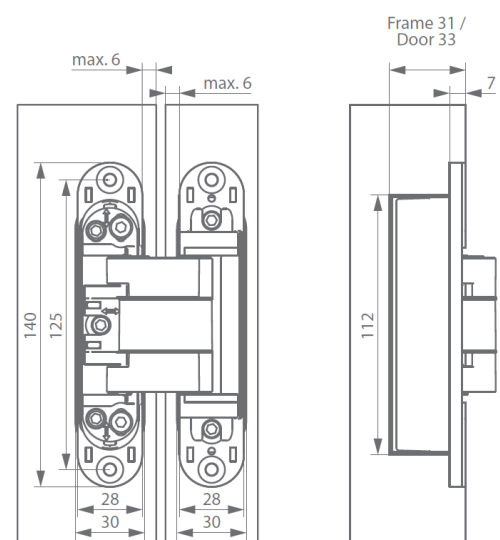
Invisible Neo S-5 Fire Resistant



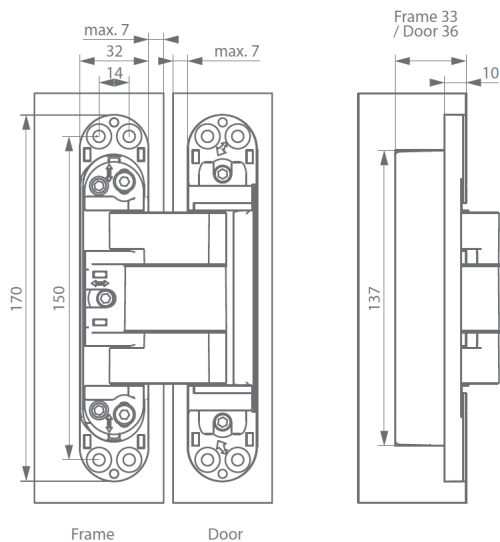
Invisible Neo M-6



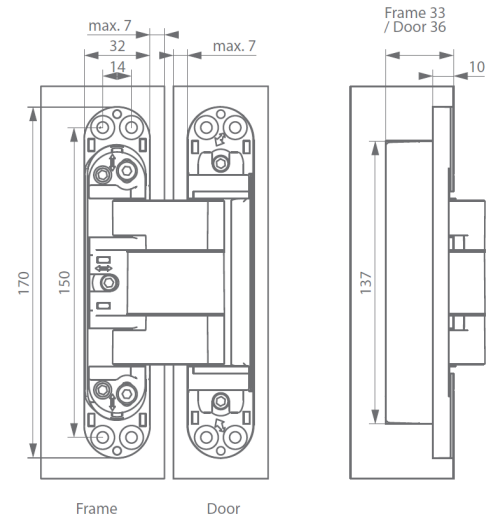
Invisible Neo M-6 Fire Resistant



Invisible Neo L-7



Invisible Neo L-7 Fire Resistant





triline.
net.au

Head Office/Factory
86 Sunderland Street
Derwent Park TAS 7009

1300 239 206
sales@triline.net.au

[linkedin.com/company/triline](https://www.linkedin.com/company/triline)
[facebook.com/trilinequalitydoorsystems](https://www.facebook.com/trilinequalitydoorsystems)

@trilinedoors
triline.net.au