



Specifications

Arlu® (Argenta®)

# Invisible Neo

Introducing our smart concealed hinges for a sleek, modern look





## Upgrade your interior doors effortlessly with our smart concealed hinges and enjoy the perfect blend of functionality and modern design.

Transform your interior doors with our innovative concealed hinges. Designed to provide a seamless, flush appearance, our hinges ensure that not a single screw is visible, even when the door is open.

### Practical Benefits

- **Wide opening range:** Suitable for doors that open up to 180°
- **Universal compatibility:** Ideal for both left-opening and right-opening doors.

### Easy Installation

- **Quick and simple:** Mount and adjust the hinges swiftly in three dimensions
- **Solo installation:** Thanks to the 'easy hook' design, a single person can complete the installation without removing the door or using a wedge.

### Key Features

- **Elegant design:** Achieve a neat, streamlined look for your doors
- **Invisible screws:** Enjoy the aesthetics of your doors without any visible screws
- **Versatile formats:** Available in three sizes—S-5, M-6, and L-7—catering to various door types and preferences.



### Weight Table

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



## 3 Sizes & 11 Finishes



### Matt Chrome

- **S5** 70000061
- **M6** 70000062
- **L7** 70000003

### Glossy Chrome

- **S5** 70000066
- **M6** 70000067
- **L7** 70000068

### Stainless Steel

- **S5** 70000069
- **M6** 70000070
- **L7** 70000071

### Classic Bronze

- **S5** 70000095
- **M6** 70000096
- **L7** 70000097



### Bronze

- **S5** 70000139
- **M6** 70000141
- **L7** 70000143

### Copper

- **S5** 70000156
- **M6** 70000174
- **L7** 70000175

### Polished Brass

- **S5** 70000093
- **M6** 70000092
- **L7** 70000065

### Tar Black

- **S5** 70000106
- **M6** 70000107
- **L7** 70000108



### Black Umber

- **S5** 70000109
- **M5** 70000110
- **L7** 70000111

### Dark Bronze

- **S5** 70000140
- **M6** 70000142
- **L7** 70000144

### White (MAT 9016)

- **S5** 70000072
- **M6** 70000073
- **L7** 700001074



# Technical Details

	Invisible neo S-5	Invisible neo M-6	Invisible neo L-7
<b>Material:</b>	Zamak	Zamak	Zamak
<b>Door thickness</b>	Min. 33 mm	Min. 36 mm	Min. 40 mm
<b>Door thickness with max. front panel</b>	35 mm	40 mm	46 mm
<b>Overall depth</b>	26.5 mm (frame) / 30 mm (door)	30 mm (frame) / 32 mm (door)	30 mm (frame) / 36 mm (door)
<b>Dimensions (L x W)</b>	120 x 25 mm	140 x 28 mm	170 x 32 mm
<b>Weight capacity guide <sup>1</sup></b> 3 Hinges	80kg	100 kg	150 kg
<b>Installment &amp; adjustment</b>	Easy-Hook	Easy-Hook	Easy-Hook
<b>Height adjustment <sup>1</sup></b>	-2.5   +2.5 mm	- 3   + 3 mm	- 3   + 3 mm
<b>Width adjustment <sup>1</sup></b>	- 3   + 4 mm	- 3   + 4 mm	- 3   + 4 mm
<b>Pressure (depth adjustment)<sup>1</sup></b>	- 1   + 1 mm	- 1.5   + 1.5 mm	- 1.5   + 1.5 mm
<b>Max. front panel (cladding) Size</b>	5 mm	6 mm	7 mm
<b>Fire resistant <sup>2</sup></b>	E30, EI230, EI130, EW30	E60, EI260, EI160,	E60, EI260, EI160, EW60
<b>CE marking</b>	2 7 3 1 1 4 0 10	3 7 4 1 1 4 0 11a	4 7 5 1 1 4 1 12a
<b>Screw dia.</b>	SPAX – 72 dia: max. 4.5	SPAX – 72 dia: max.5	SPAX – 72 dia: max.5

<sup>1</sup> = Based on a reference door of 1000 x 2000 mm

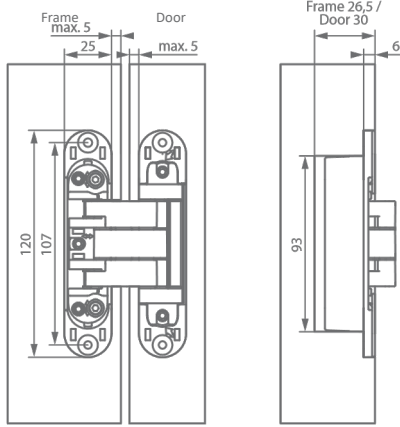
<sup>2</sup> = Fire resistant according to standard EN1634-1: 2008 and classified according to EN13501-2:2007 for use of wooden door with wooden door frame, and for wooden door with stainless steel frame.

Quantity of hinge required for a standard 2040 mm door.

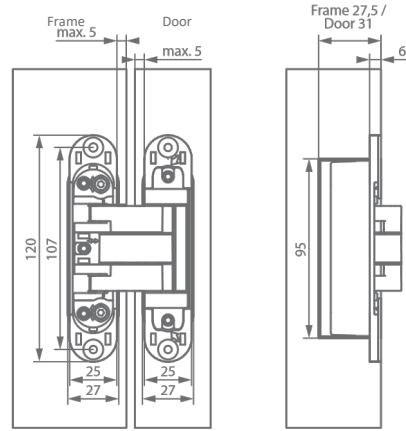
Please make adjustments according to the height of the door as well as considering the weight.



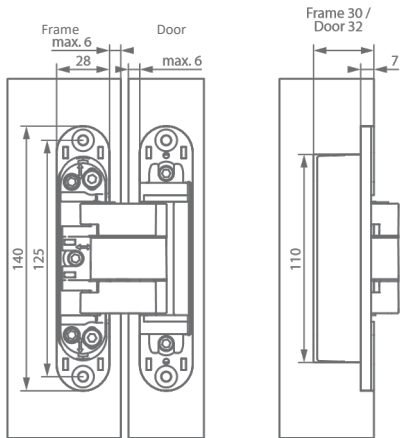
# Technical Drawings



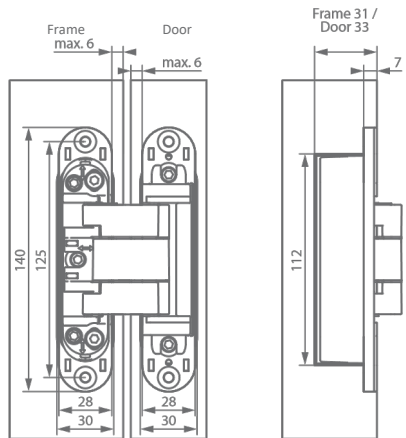
**invisible neo S-5**



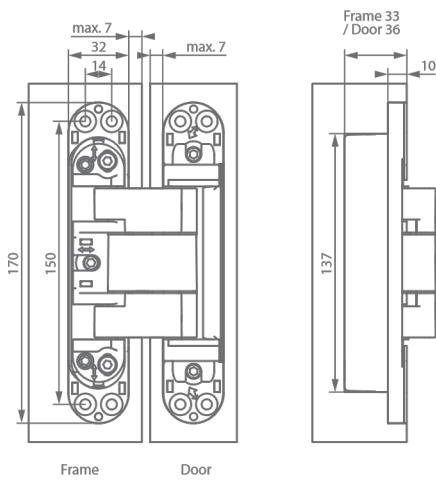
**invisible neo S-5 fire resistant**



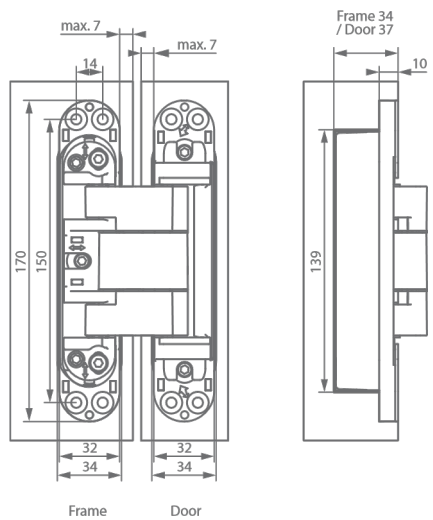
**invisible neo M-6**



**invisible neo M-6 fire resistant**



**invisible neo L-7**



**invisible neo L-7 fire resistant**



### 1. Router Template FIS Basis Set



### 2. Router Template for ARGENTA Invisible



### 3. Router Guide



### 4. Groove



## Hinge Template

For: Argenta® Invisible Neo

Fast, easy and efficient installation of the concealed hinges using 247WOOD Router Jigs

#### What?

The template frame sets up the position of the hinges on the door & frame allowing for consistent measurements.

#### Easy and Fast

These invisible hinge mills are made from a quality technical plastic and can be used loosely as well as on a rail. By means of a steel insert you can fill in both the deepened part and the sight part in a fixture, this saves time and reduces the chance of errors.

#### Kit Includes:

**1261 | FIS Basis Set**  
Two Template Frames,  
Aluminium Full Length, Stop Block

**1261 | 2 x Router Template**  
Order additional routing hinge templates (1037) for doors that have more than 2 hinges.